**Training Program for Technical Staff**

### Report on "Training Program for Technical Staff"

**Introduction**

The Internal Quality Assessment Cell (IQAC) conducted six day Training Program for all the non-technical staff to improve their technical and communication skills to enhance the quality and knowledge of non-teaching staff. The training program was divided into four sections. The three programs were basically related to technical skills and the final program included enhancing communication skills.

**Objective**

The objectives of these sessions were as follows:

➢ Improve the technical skills of the non-technical staff
➢ Enhance their communication skills
➢ Improve the quality of teaching and learning while training the non-technical staff is a step towards achieving our objective as an Institution.



## Ansys Training

**Day 4: 13-06-2019**
In this session topics covered
- Introduction to Ansys
- Introduction to workbench 17.1
- Practice

**Day 5: 14-06-2019**
In this session topics covered
- Introduction to Static structural analysis
- How to edit Engineering data
- How to create geometry
- Tools in model
- Details of setup, solution, results
- practice

**Day 5: 15-06-2019**
In this session topics covered

- Introduction to Modal analysis
- How to edit Engineering data
- How to create geometry
- How to find frequency
- Tools in model
- Details of setup, solution, results
- practice

# AUTOCAD

**Day 1: 10-06-2019**
In this session topics covered
- Introduction
- Setting the Graphics screen
- Tool bars

**Day 2: 11-06-2019**
In this session topics covered
- Basic Commands and Shortcut keys
- Practice session

**Day 3: 12-06-2019**
In this session topics covered
- Manipulation of Text,
- Dimensions and Properties
- Practice session

# CAD/CAM

**Day 1: 10-06-2019**
In this session topics covered
- Introduction to CAD/CAM and CIM

**Day 2: 11-06-2019**
In this session topics covered
- Introduction to CNC Part Programming using G Codes and M codes

**Day 3: 12-06-2019**
In this session topics covered
- CNC part programming for simple turning
- Multiple turning operation on CNC lathe

**Day 4: 13-06-2019**
In this session topics covered
- CNC part programming for facing and threading operation on CNC lathe

**Day 5: 14-06-2019**

In this session topics covered

- CNC part programming for linear contouring and circular contouring operations on CNC milling

**Day 6: 15-06-2019**

In this session topics covered

- CNC part programming for drilling operations on CNC milling

# Fusion 360

**JUNE 10th to 16th 2019**

The Topics covered are

- Introduction to Fusion 360
- User interface overview
- Navigation
- Creating, Saring and Modifying file
- Creating a Sketch using various sketch commands viz. Rectangle, Circle, Polygon, Arc, Eclipse etc.
- Applications of various coustraints in the sketch viz. Parallel, Perpendicular, Tangent, Coincidence, Colinear etc.
- Applications of modifying tools in the sketch viz. Mirror Rotate, Circular Pattern, and Rectangular Pattern etc.
- Use of Extrude tool for creating 3D models.

# Communication Skills

| S. No | Date | Name of Resource Person | Topic |
|-------|------|-------------------------|-------|
| 1. | 10/6/19 | Y.Sridevi | Spoken English |
| 2. | 11/6/19 | Dr. Seema Devi | Interpersonal Communication |
| 3. | 12/6/19 | Dr. Manjeet Kumar Singh | Soft Skills |
| 4. | 13/6/19 | Dr. Manu Kurup | Writing Skills |
| 5. | 14/6/19 | Dr. O. Kranthi Priya | Technical Communication |
| 6. | 15/6/19 | All the above Faculty | Feedback and Queries |

**Details**

**Day 1:**

The first day focused on enhancing the participant's Speaking Skills by discussing the differences between the formal and informal communication. Inputs on functional English, some aspects of phonetics and usage of different expressions while speaking were also discussed in the session. An activity that included introducing themselves and others was also done through pair and group activities during this session

**Day 2**

The second day covered the vitality of English as a lingua franca, importance of communication, various modes of communication, the four principles of interpersonal skills,

tips for effective communication. Do's and don'ts while communicating were also covered during this session. Few topics were given for group discussion to enable the participants use a set of given expressions.

**Day 3**

On the third day of training program for the technical staff completely focussed on developing Soft Skills and it importance at workplace. The training program on Soft Skills was attended and actively participated by the staff. The training program focused on interpersonal skills, communication skills, teamwork, self-discipline, time management and other components of soft skills. Finally, the session was ended on a note that such training program should take place on the regular basis.

**Day 4**

On the fourth day, the session was conducted on writing skills where the technical staffs were trained to write formal letter, email and resume. The session included many components of writing such as organization of ideas, vocabulary, sentence structure, grammar and formal use of writing in academic and professional context.

**Day 5**

The fifth day focussed on technical communication, importance of it in workplace. Different types of communication and use of formal language in a professional setup were also discussed during the session. Activities such as "The name game", and "Memory Test" were conducted to enhance communication among the participants. Audio-video files were also included to make the session more effective.

**Day 6**

The final day was the recapulation of the entire topics covered for five days. The participants had shown their interest in activities and provided feedback on the training sessions. Finally, the entire session was fruitful and the participants were interested in all the sessions and requested for such session on regular basis.
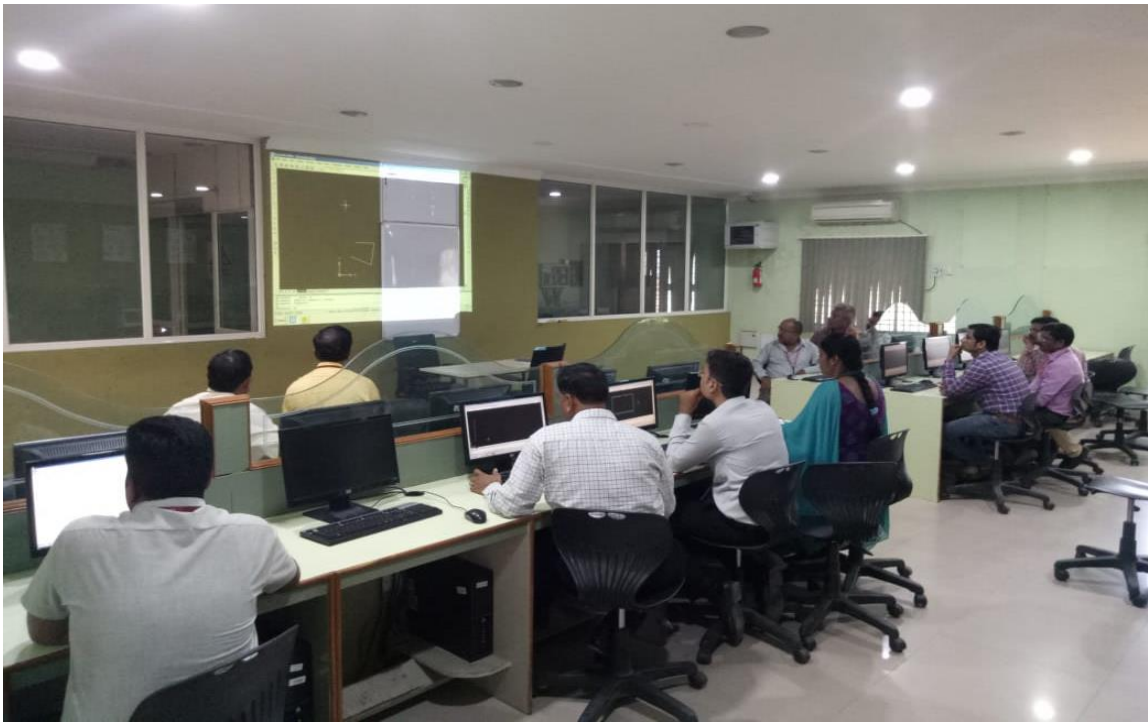
# VARDHAMAN COLLEGE OF ENGINEERING, HYDERABAD
## Autonomous institute affiliated to JNTUH
### Schedule of Training for Non-Teaching Staff (Technical) - EEE & ECE

| DATE | DAY | 09:00 - 09:50 | 09:50 - 10:40 | 10:40 - 10:50 | 10:50 - 11:40 | 11:40 - 12:30 | 12:30 - 13:20 | 13:20 - 14:10 | 14:30 - 16:00 |
|---|---|---|---|---|---|---|---|---|---|
| 10-06-2019 | MON | LABVIEW Mr R Phani | | | MATLAB Mr Praveen | | MULTISIM Mr Rajender | | COMMUNICATION SKILLS Ms.Y Sridevi |
| 11-06-2019 | TUE | LABVIEW Mr R Phani | | | MATLAB Mr Praveen | | MULTISIM Mr Rajender | | COMMUNICATION SKILLS Dr.Seema Devi |
| 12-06-2019 | WED | LABVIEW Mr R Phani | | RECESS | MATLAB Mr Praveen | | MULTISIM Mr Rajender | BREAK | COMMUNICATION SKILLS Dr.Manjeet Kumar |
| 13-06-2019 | THU | LABVIEW Mr R Phani | | | MATLAB Mr Praveen | | MULTISIM Mr Nagarjuna | | COMMUNICATION SKILLS Dr.Manu S Kurup |
| 14-06-2019 | FRI | LABVIEW Mr R Phani | | | MATLAB Mr Praveen | | MULTISIM Mr Nagarjuna | | COMMUNICATION SKILLS Dr.D Kranthi Priya |
| 15-06-2019 | SAT | LABVIEW Mr R Phani | | | MATLAB Mr Praveen | | MULTISIM Mr Nagarjuna | | COMMUNICATION SKILLS |

**Training on Auto CAD**



**Training on CLAD**

Dr. Nageshwar Rao (IQAC DEAN) addressed the gathering and promised to the technical staff that such training program will be held in inter and intra semesters.

# VARDHAMAN COLLEGE OF ENGINEERING, HYDERABAD
## Autonomous institute affiliated to JNTUH

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**Academic Year: 2018-19**
**Training Program Report**

**"Analog Circuit & Layout Design Using Cadence Tool"**

**Venue: Cadence Lab (Room No.3002)**                    **Date: 3rd June 2019 to 28th June 2019**

Head Quartered at Bangalore, India, Entuple Technologies was founded on 1st January 2010 by professionals with a combined experience of over 80 years in the Electronics Industry.  The management team with its experience in different sectors such as Aerospace & Defence, Small & Medium Business, Research & Academia has joined together to build a world class team of Next Generation Solution Enablers in system design technologies. India being one of the emerging markets has been identified as the breeding ground of leading R&D initiatives in multiple domains. Entuple is committed to bridge the ever growing gap in the industry by bringing in expertise to meet technological challenges by introducing cutting edge platforms, tools and solutions.

In the academic sector, Entuple is committed to bridge the growing gap between curriculum and advancements in the industry by providing effective tools, technologies and enabelment to the campuses. In this process a Four weeks Industrial training program was conducted by Entuple Technologies Pvt. Ltd, Bangalore at college campus for final year students. The local coordinator for the internship program was Ms. Sangeeta Singh, Assistant Professor, Dept. of ECE.

This training program was attended by 23 students from ECE who are carrying out their mini and major project in the same field. This program benefitted the students to fine tune their skill and explore the opportunities in analog circuit & layout design more effectively through concepts driven learning with application oriented. It gave them the opportunity to work on industry standard design case studies, exposure to industry standard work environment.
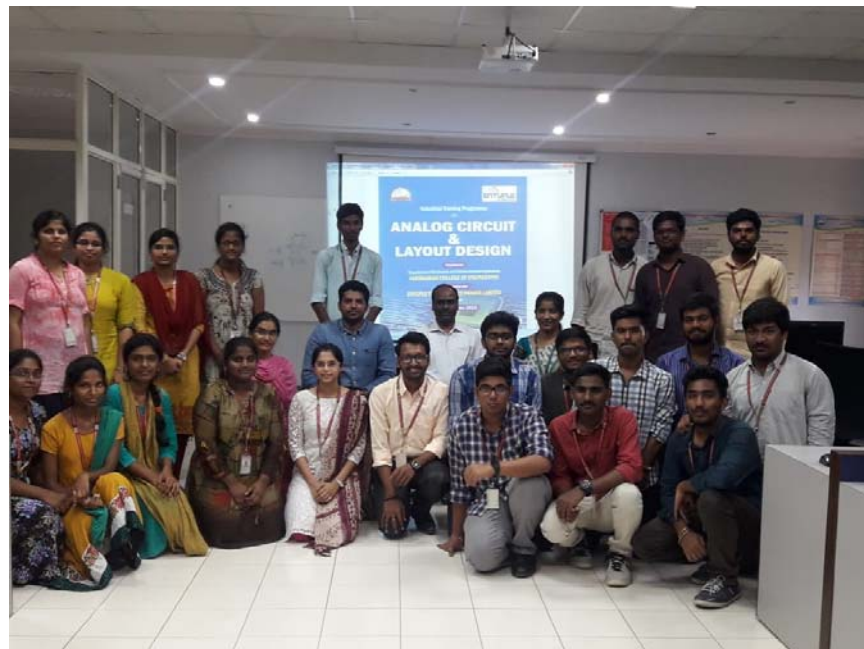
# VARDHAMAN COLLEGE OF ENGINEERING
**(AUTONOMOUS)**
Shamshabad – 501 218, Hyderabad

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**
Entuple Summer Internship- Analog Circuit and Layout Design
**(3$^{rd}$ – 29$^{th}$ June 2019)**

| S. No | Roll No. | Name of the Student | Amount (in Rs) | Signature |
|---|---|---|---|---|
| 1. | 16881A04J3 | Akshitha Vuppala | 9750 | |
| 2. | 16881A04P6 | Thota Thanmai | 9750 | |
| 3. | 16881A04M8 | N.V.Manaswini | 9750 | |
| 4. | 16881A04N3 | P.Sowmya | Paid to Entuple | |
| 5. | 16881A04A1 | R. Sai Roshan | 9750 | |
| 6. | 16881A0433 | K. Arun Kumar | 9750 | |
| 7. | 16881A04A9 | Shaik. Nawaz | 9750 | |
| 8. | 16881A04P3 | S. V. R. Subramanyam Sai | 9750 | |
| 9. | 16881A04K9 | G. Anjan Deexith Reddy | 9750 | |
| 10. | 16881A04N0 | P. Akhil | 9750 | |
| 11. | 16881A04L0 | G. Santosh Reddy | 9750 | |
| 12. | 16881A04P2 | S. Akhila Reddy | 9750 | |
| 13. | 16881A04M4 | M. Hemavardhan Reddy | | |
| 14. | 16881A0499 | N. Pooja Reddy | 9750 | |
| 15. | 16881A0470 | C. Nandini | 9750 | |
| 16. | 16881A04N6 | P. Praveen | 9750 | |
| 17. | 16881A04M5 | M. Kranthi  Kiran Reddy | 9750 | |
| 18. | 16881A04L5 | K Sai Vandana | Paid to Entuple | |
| 19. | 16881A0483 | K. Sahithi | 9750 | |
| 20. | 16881A0474 | D. Krishna Sai | 9750 | |
| 21. | 16881A0448 | P.N. Maheshwar | 9750 | |
| 22. | 16881A04K8 | G. Kumar | 9750 | |
| 23. | 16881A0478 | G. Akanksha | 9750 | |

# ENTUPLE
## TECHNOLOGIES

# TRAINING CERTIFICATE

**D.Krishna Sai**

from

**Vardhaman College of Engineering, Hyderabad**

has participated in 4 weeks (3rd June – 28th June 2019) Internship program

on

**Analog Circuit & Layout Design Using Cadence Tool**

at

**Vardhaman College of Engineering, Hyderabad**

Trainee Rating: ★★★☆☆

**Mr. Damodara M S**
Business Manager,
Entuple Technologies Private Limited

**ENTUPLE**
TECHNOLOGIES

# TRAINING CERTIFICATE

**Ch.Nandini Chowdary**

from

**Vardhaman College of Engineering, Hyderabad**

has participated in 4 weeks (3rd June – 28th June 2019) Internship program

on

**Analog Circuit & Layout Design Using Cadence Tool**

at

**Vardhaman College of Engineering, Hyderabad**

**Mr. Damodara M S**
Business Manager,
Entuple Technologies Private Limited

Trainee Rating: ★★★★☆

ENTUPLE
TECHNOLOGIES

# TRAINING CERTIFICATE

**Akshitha Vuppala**

from

**Vardhaman College of Engineering, Hyderabad**

has participated in 4 weeks (3rd June – 28th June 2019) Internship program

on

**Analog Circuit & Layout Design Using Cadence Tool**

at

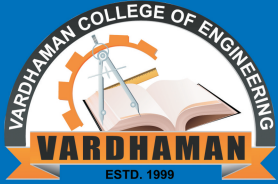**Vardhaman College of Engineering, Hyderabad**

Trainee Rating: ★★★★☆

**Mr. Damodara M S**
Business Manager,
Entuple Technologies Private Limited

**Industrial Training Programme**
on
# ANALOG CIRCUIT & LAYOUT DESIGN

**Organized by**

Department of Electronics and Communication Engineering
**VARDHAMAN COLLEGE OF ENGINEERING**

**in Association with**

**ENTUPLE TECHNOLOGIES PRIVATE LIMITED**
Bangalore

**3rd - 29th June, 2019**

## TARGET AUDIENCE

Interested Faculty of engineering/technical institutions and researchers are eligible to attend these winter courses

## Module details

| S.No. | Module Name | Topics |
|---|---|---|
| 1. | Artificial Neural Networks (ANNs) | Introduction to Deep Learning and Motivation. Brief introduction of Artificial Neural Networks (ANN), Perceptrons, Multilayer perceptron (MLP), Back propagation training for MLP, Stochastic gradient descent. Applications to some practical classification problems |
| 2. | Regularization, Hyperparameter Tuning and Autoencoders | Deep Feed forward Networks - Regularization - drop out, Minibatch gradient Tuning and Autoencoders descent, RMSProp and Adam optimization. Autoencoders and their Types |
| 3. | Convolutional Networks | The Convolution Operation, Pooling, Basic architecture of a Convolution Neural Network, Variants of the Basic Convolution Model, Evolution of Convolution NN Architectures - AlexNet, ResNet and other architectures. |
| 4. | Sequence Modeling | Recurrent and Recursive Nets - Unfolding Computational Graphs, Recurrent Neural Networks, The Long Short-Term Memory and Other Gated RNNs |
| 5. | Generative Adversarial Networks, Object Detection Algorithms | GAN and their variants- R-CNN , YOLO and SSD |

## About Summer Courses

Faculty Development Programmes in core areas of Electronics and Information & Communication Technology (ICT) streams have been planned by academies for delivery during summer (i.e., May – July 2019). All these summer courses will be offered through **National Knowledge Network (NKN) / Video Conference Mode** by inviting experts from IITs, NITs, IIITs and other premier institutes/industries. In addition, local course coordinators at respective academies /identified remote centres (Like Vardhaman College of Engineering) will take care of sessions on design orientation/activity linked problems/ assignments/ case studies and quiz test(s). Candidates could apply for training at academy locations or identified centres as per the convenience.

### REGISTRATION FEE

**No Registration fee** is charged for attending this programme planned at any designated academies/ Remote centres. However, candidate should submit a refundable Demand Draft of Rs.1000/- in favor of "**Electronics and ICT Academy, MNIT Jaipur**" Payable at Jaipur along with application form and the same will be handed over to the participant on the last day of the training. Satisfactory Certificate will be given to the participants subject to fulfillment of attending all sessions, submission of assignments and clearing the test(s).

### FACILITIES FOR PARTICIPANTS

Participants will be provided working lunch, tea/snacks along with the FDP kit. The participants are requested to make their own arrangements for Lodging and travel.

### COORDINATOR

**Principal Coordinator – Academy**
**Sanjeev Manhas, IIT Roorkee**
**Supporting Coordinator - Academy**
**Prof. Aparajita Ojha, IIITDM Jabalpur**

### LOCAL COORDINATOR (VCE)

**Dr. Harish Balaga**
Associate Professor,
Department of Electrical and Electronics Engineering
Vardhaman College of Engineering
Email   : harish.balaga@gmail.com
Tel      : +91 9494010254

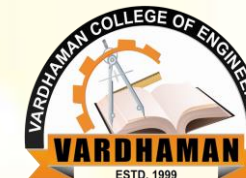## Faculty Development Program (Summer Course)

On

# Deep learning and applications
**27ᵗʰ - 31ˢᵗ  May, 2019**

As a Remote Centre to

**Electronics & ICT Academy,**

**MNIT Jaipur**

Department of **E**lectrical and **E**lectronics **E**ngineering

VARDHAMAN COLLEGE OF ENGINEERING
**(AUTONOMOUS)**
**Shamshabad-501 218, Hyderabad**
**www.vardhaman.org**

*Supported by*
**Ministry of Electronics & Information Technology (MeitY)**
**Govt. of India**

## ABOUT THE COLLEGE

Vardhaman College of Engineering was established in 1999 with an endeavour to impart high quality Technical Education and innovative research in the fields of Engineering technologies, with emphasis on industry-oriented programs for development of students as well as faculty. Vardhaman College of Engineering is affiliated to Jawaharlal Nehru Technological University (JNTU), Hyderabad, and is approved by the All India Council for Technical Education (AICTE), New Delhi.

The prime objective of Vardhaman College of Engineering is to update and modernize the quality of professional education. Its aim is to employ innovative teaching methods which carry an emphasis on fast changing technological trends. This is to integrate classroom learning with actual work experience in the industry concerned or in a related professional field. In the course of continued march towards excellence the college was credited with the status of an Autonomous College by UGC and accredited by NAAC with 'A' Grade.

## ABOUT THE DEPARTMENT

The department of Electrical and Electronics Engineering was established in 2002 and is accredited by National Board of Accreditation (NBA), AICTE. The department has competitive faculty members from prestigious institutions in specializations like Electrical Power Systems, Control systems, Power Electronics and Instrumentations. The department is also offering M. Tech. (Power Electronics and Electrical Drives) from the academic year 2008-2009 with an intake of 18 and is affiliated to Jawaharlal Nehru Technological university.

Objective of the department is to train and educate undergraduate engineering with academic excellence and to develop the student as a competent and responsible citizen with positive attitude, good character, self-confidence and leadership qualities and to keep pace with the rapidly growing technology in the Electrical and Electronics Engineering field. The department has well equipped laboratories to meet the demands of present day international Scenario.

The department organizes National level conferences/ workshops/ seminars frequently for the benefit of faculty and students of various engineering college for meeting the industry standards.

## ORGANIZING COMMITTEE

### PATRONS

| | |
|---|---|
| Dr. T. VIJENDER REDDY | Chairman |
| Sri. T. UPENDER REDDY | Secretary |
| Sri. M. RAJASEKHAR REDDY | Vice-Chairman |
| Sri. E. PRABHAKAR REDDY | Treasurer |

### ADVISOR

| | |
|---|---|
| Dr. S. SAI SATYANARAYANA REDDY | Principal, VCE |

### CONVENER

| | |
|---|---|
| Dr. Kiran Kumar | HoD |

### LOCAL COORDINATING MEMBER

| | |
|---|---|
| Dr. B.Harish | Associate Professor |

## ROAD MAP TO VARDHAMAN

https://goo.gl/maps/em6woKN9jKJ2

# VARDHAMAN COLLEGE OF ENGINEERING

(AUTONOMOUS)

Shamshabad, Hyderabad-501 218

Department of Electrical and Electronics Engineering

## Summer Course

## On

# Deep learning and applications

27th - 31st May, 2019
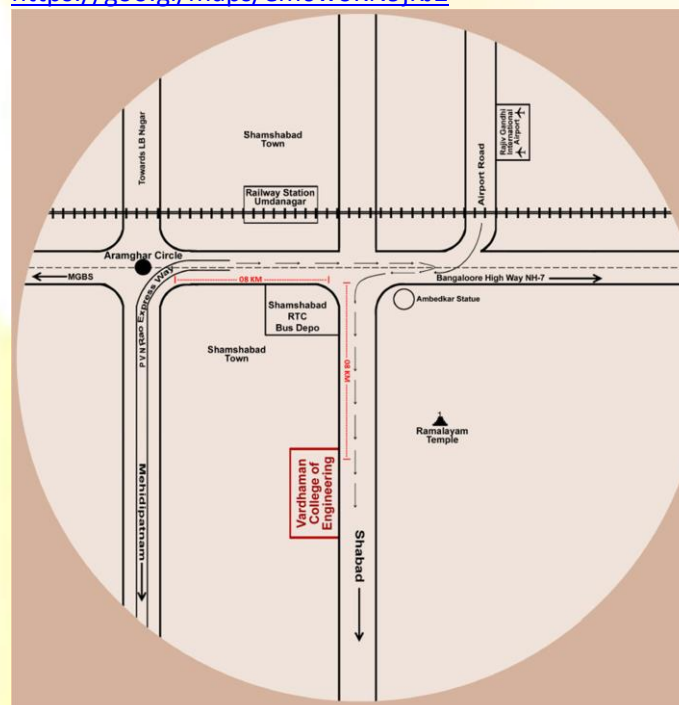
As a Remote Centre to

## Electronics & ICT Academy, MNIT Jaipur

## REGISTRATION

Please Submit online registration form at

http://online.mnit.ac.in/eict/

The participant needs to upload the scanned copy of DD or Cheque (in favor of "Electronics and ICT Academy, MNIT Jaipur" Payable at Jaipur) under payments section.

No other mode of payment is accepted.

# VARDHAMAN COLLEGE OF ENGINEERING

SHAMSHABAD, HYDERABAD.

## Department of Electrical & Electronics Engineering

FDP on Deep Learning & Applications      Date: 27/05/2019

## Attendance sheet

| S.No. | Name | Ph | College | Email ID | Sign |
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| 19 | Dr. M. Ramakrishnudu | 9652502724 | VCE | mrkreva@gmail.com | |
| 20 | Dr. T.V. Madhusudhan Rao | 9440545819 | Vignan | tvmsrao@gmail.com | TVM |

# VARDHAMAN COLLEGE OF ENGINEERING

## (AUTONOMOUS)
### Shamshabad - 501 218, Hyderabad.
### (Approved by AICTE, New Delhi, Affiliated to JNTUH )

## FDP on "Deep Learning & Applications"

**Attendance Sheet**                              Date: 28/05/2019

| S.N | Name | Email | College | FN          Signature          AN |
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# VARDHAMAN COLLEGE OF ENGINEERING

### (AUTONOMOUS)
### Shamshabad - 501 218, Hyderabad.
### (Approved by AICTE, New Delhi, Affiliated to JNTUH )

## FDP on "Deep Learning & Applications"

**Attendance Sheet**                                      Date: 29/05/2019

| S.N | Name | Email | College | Signature | |
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| 17 | K KALYAN KUMAR | kalyan0284@gmail.com | Vardhaman college of engineering | | |
| 18 | LAVANYA MADDISETTI | lavanya.maddisetty@gmail.com | Vardhaman College of Engineering | | |
| 19 | V JYOTHI | jyothinaikv@gmail.com | vardhaman college engineering | | |

# VARDHAMAN COLLEGE OF ENGINEERING

(AUTONOMOUS)

Shamshabad - 501 218, Hyderabad.

(Approved by AICTE, New Delhi, Affiliated to JNTUH )

## FDP on "Deep Learning & Applications"

Attendance Sheet                    Date: 30 /05/2019

| S.N | Name | Email | College | Signature | |
|---|---|---|---|---|---|
| 1 | D GANESH | ganeshsingh2502@gmail.com | Vardhman College of engineering | | |
| 2 | SHITAL VAIDYA | shital.sv@gmail.com | Vardhaman College of Engineering Hyderabad | | |
| 3 | N RAMA KRISHNUDU | nrkreva@gmail.com | Vardhaman College of Engineering (Autonomous) | | |
| 4 | SAI YESWANTH GODUGUCHINTHA | rukminipakala112@gmail.com | Vardhaman College of Engineering | | |
| 5 | C.PADMINI | padmini.cheerla@gmail.com | Vardhaman College of Engineering | | |
| 6 | VARDHANI AMBATI | vardhani.ambati@gmail.com | vardhaman college of engineering | | |
| 7 | B RAJAGOPAL REDDY | reddy.rajagopal@gmail.com | Vardhaman college of Engineering | | |
| 8 | ASHWANI KUMAR | ashwani.kumarcse@gmail.com | VARDHAMAN COLLEGE OF ENGINEERING | | |
| 9 | KIRAN KUMAR NALLAMEKALA | kiraneee227@gmail.com | VARDHAMAN COLLEGE OF ENGINEERING | | |
| 10 | VARAM SHARATH BABU | sharathamie@gmail.com | vardhaman college of engineering | | |
| 11 | SOMA KEERTHI SONAM | keerthi06210@gmail.com | Vardhaman College of Engineering | | |
| 12 | ANANDAKUMAR ANNAVARAPU | annavarapuanandkumar@gmail.com | Vardhaman college of engineering | | |
| 13 | MD.ASIF | asif_eee@rediffmail.com | Vardhaman College of Engineering | | |
| 14 | G.A.E.SATISH KUMAR | gaesathi@gmail.com | Vardhaman College of Engineering | | |
| 15 | JAIGANESH | ucanwinjai@gmail.com | VARDHAMAN COLLEGE OF ENGINEERING | | |
| 16 | D. NAGAJYOTHI | nagajyothi1998@gmail.com | vardhaman College of engineering | | |
| 17 | K KALYAN KUMAR | kalyan0284@gmail.com | Vardhaman college of engineering | | |
| 18 | LAVANYA MADDISETTI | lavanya.maddisetty@gmail.com | Vardhaman College of Engineering | | |
| 19 | V JYOTHI | jyothinaikv@gmail.com | vardhaman college engineering | | |

# VARDHAMAN COLLEGE OF ENGINEERING

**(AUTONOMOUS)**

Shamshabad - 501 218, Hyderabad.

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## FDP on "Deep Learning & Applications"

**Attendance Sheet**                                        Date:31 /05/2019

| S.N | Name | Email | College | Signature | |
|-----|------|-------|---------|-----------|---|
| 1 | D GANESH | ganeshsingh2502@gmail.com | Vardhman College of engineering | | |
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**Report on** "Deep learning and applications"

     A one week faculty development programme on **"Deep learning and applications"** was held at Department of Electrical and Electronics Engineering, Vardhaman College of Engineering from 27$^{th}$May to 31$^{st}$May, 2018. Faculty Development Programmes in core areas of Electronics and Information & Communication Technology (ICT) streams have been planned by academies for delivery during winter (i.e., November - December 2018). All these winter courses will be offered through **National Knowledge Network (NKN)/ Video Conference Mode** by inviting experts from IITs, NITs, IIITs and other premier institutes/industries.

**TECHNICAL SESSIONS:**

**1$^{st}$ Day (27-05-2019):**

First day was handled by Mr. Ashish Sardana, NVIDIA, on introduction to Deep Learning and applications and brief introduction of ANN followed lecture by Dr.P.P.Roy, IIT Roorkee, on Learning in MLP.

**2$^{nd}$ Day (28-05-2019):**

Dr.Biplab Banerjee, IIT Bombay, had given lecture on Regularization, Hyper parameter Tuning and Auto encoders followed by hands on session.

**3$^{rd}$ Day (29-05-2019):**

Dr.R.Venkatesh Babu, IISc Banglore, had given lecture on Convolution Networks, followed by hands on session.

**4$^{th}$ Day (30-05-2019):**

Dr. Anupam Ray, IBM Banglore, had given lecture on Sequence Modeling**,** followed lecture by Dr. Ritu, Intel Banglore on Recurrent Neural Networks, The Long Short-Term Memory and Other Gated RNNs.

**5$^{th}$ Day (31-05-2019):**

Generative Adversarial Networks, Object Detection Algorithms session by IIITDM Jabalpur.

**OUTCOME:**

All the sessions were very much informative. The discussed areas are of great benefit in understanding the theoretical concepts and laboratory practices on Deep learning and applications for the participants further helps in research activity.

**A Talk on How to Publish a Technical Paper in SCI Journals**

## Invitation

**VARDHAMAN COLLEGE OF ENGINEERING**
(AUTONOMOUS)
Accredited by NAAC with 'A' Grade | ISO 9001:2008 Certified
Shamshabad, Hyderabad - 501218.

### Invitation

A

**TALK**

on

**"How to Publish a Technical Paper in SCI Journals"**

by

**Dr. SWAGATHAM DAS**

Editor in Chief, Swarm and Evolutionary Computation Journal, Elsevier

**Date : 27-04-2019**
**Time : 2.30 PM to 4.30 PM**
**Venue : Room No. 1009, Block-1**

Organized by
**Internal Quality Assurance Cell (IQAC), VCE**
in association with
**Department of Electronics and Communication Engineering**
Vardhaman College of Engineering
&
**E&ICT, NIT Warangal**

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## VARDHAMAN COLLEGE OF ENGINEERING, HYDERABAD
### Autonomous institute affiliated to JNTUH

One day workshop on **Outcomes-Based Education (OBE)**
04-06-2019 at 10:00 AM, in Room # 1009

PROGRAMME DETAILS

| Time | | Details |
|---|---|---|
| 10:00AM to 11:15AM | : | About Outcomes-Based Education by **Dr. K. Mallikharjuna Babu,** CEO |
| 11:15AM to 11:45AM | : | Coffee / Tea Break |
| 11:45AM to 01:15PM | : | How to write Course Outcomes (COs) by. **Dr. J. V. R. Ravindra,** Dean (Academic) |
| 01:15PM to 02:15PM | : | Lunch Break |
| 02:15PM to 03:30PM | : | CO – PO Mapping by. **Dr. P. Nageswara Rao,** Dean (IQAC) |

CEO

**Circulation to:**
HODs to circulate among available faculty and permit them to attend

**Copy to:**
Principal, Dean Academic and Dean IQAC for information

*Coordinated by IQAC*

**Felicitation to Dr. Swagatham Das by Prof. Vivek Kulkarni & Dr. B. Subbaratnam**

# VARDHAMAN COLLEGE OF ENGINEERING

**(AUTONOMOUS)**

Shamshabad– 501 218, Hyderabad

**A Talk on How to Publish Papers and Reputed Journals & Conferences by Mr. Sujan
Institute of Engineering Technology(IET)**

**08-02-2019; 10:30AM**

| S No | Faculty Name | Course | Designation | Signature |
|---|---|---|---|---|
| 1 | Dr. TATAVARTHI SAI RAMA | EEE | PROFESSOR | |
| 2 | Dr. JAIN HARI SHANKAR | EEE | PROFESSOR | |
| 3 | Dr. K JAIGANESH | EEE | PROFESSOR | |
| 4 | Dr. SHANMUGASUNDARAM RAVIVARMAN | EEE | PROFESSOR | |
| 5 | Dr. N KARUPPIAH | EEE | PROFESSOR | |
| 6 | Mr. KOPPOLU KALYAN KUMAR | EEE | ASSOCIATE PROFESSOR | |
| 7 | Dr. BALAGA HARISH | EEE | ASSOCIATE PROFESSOR | |
| 8 | Dr. N KIRAN KUMAR | EEE | ASSOCIATE PROFESSOR | |
| 9 | Dr. KANDADI VENKATRAMAN | EEE | ASSOCIATE PROFESSOR | |
| 10 | Dr. UDUMULA RAMANJANEYA REDDY | EEE | ASSOCIATE PROFESSOR | |
| 11 | Mrs. KESA JYOTHI | EEE | ASSOCIATE PROFESSOR | |
| 12 | Dr. K MURALIDHAR GOUD | EEE | ASSOCIATE PROFESSOR | |
| 13 | Mr. TATAMSETTY CHENCHU SRINIVASA RAO | EEE | ASSOCIATE PROFESSOR | |
| 14 | Mr. MD ASIF | EEE | ASSOCIATE PROFESSOR | |
| 15 | Mr. A ANANDA KUMAR | EEE | ASSISTANT PROFESSOR | |
| 16 | Ms. AMBATI VARDHANI | EEE | ASSISTANT PROFESSOR | |
| 17 | Mr. BUKYA MOHAN | EEE | ASSISTANT PROFESSOR | |
| 18 | Ms. REVATHI D | EEE | ASSISTANT PROFESSOR | |
| 19 | Ms. PADAMATI HARIKA | EEE | ASSISTANT PROFESSOR | |
| 20 | Dr. MOHAMMED IMRAN SHARIEFF | EEE | ASSISTANT PROFESSOR | |

# VARDHAMAN COLLEGE OF ENGINEERING

**(AUTONOMOUS)**

Shamshabad– 501 218, Hyderabad

**A Talk on How to Publish Papers and Reputed Journals & Conferences by Mr. Sujan
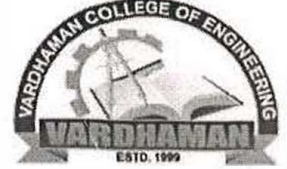Institute of Engineering Technology(IET)**

**08-02-2019; 10:30AM**

| S No | Faculty Name | Course | Designation | Signature |
|------|--------------|--------|-------------|-----------|
| 1 | Dr. SEELAM SAI SATYANARAYANA REDDY | CSE | PRINCIPAL | |
| 2 | Dr. SHAHABADKAR RAMESH LAXMAN RAO | CSE | PROFESSOR | |
| 3 | Dr. VELAGANDULA ANANDAM | CSE | PROFESSOR | |
| 4 | Dr. MEERJA AKHIL JABBAR | CSE | PROFESSOR | |
| 5 | Dr. HUSNABAD VENKATESWARA REDDY | CSE | PROFESSOR | |
| 6 | Dr. DUGYALA RAMAN | CSE | PROFESSOR | |
| 7 | Mr. KULKARNI VIVEK | CSE | ASSOCIATE PROFESSOR | |
| 8 | Dr. SANGEETA GUPTA | CSE | ASSOCIATE PROFESSOR | |
| 9 | Dr. ASHWANI KUMAR | CSE | ASSOCIATE PROFESSOR | |
| 10 | Dr. ALUVALU RAJANIKANTH VENKATRAM | CSE | ASSOCIATE PROFESSOR | |
| 11 | Ms. T JAGADEESWARI | CSE | ASSOCIATE PROFESSOR | |
| 12 | Dr. SIRISILA NAGESWARA RAO | CSE | ASSOCIATE PROFESSOR | |
| 13 | Mr. PALLATI NARSIMHULU | CSE | ASSOCIATE PROFESSOR | |
| 14 | Mr. ANDRAJU BHANU PRASAD | CSE | ASSOCIATE PROFESSOR | |
| 15 | Mr. SEKKERI VENU GOPAL | CSE | ASSOCIATE PROFESSOR | |
| 16 | Mr. CHOUDHARY SATYA KUMAR | CSE | ASSOCIATE PROFESSOR | |
| 17 | Mr. S K PRASHANTH | CSE | ASSOCIATE PROFESSOR | |
| 18 | Mr. NAGIREDDY HANUMAN REDDY | CSE | ASSOCIATE PROFESSOR | |
| 19 | Dr. DHARMALINGAM VAISHNAVI | CSE | ASSOCIATE PROFESSOR | |
| 20 | Dr. SHITHARTH SELVARAJAN | CSE | ASSISTANT PROFESSOR | |

# FACULTY DEVELOPMENT PROGRAMME (FDP)
## ON
### BIO-INSPIRED ALGORITHMS FOR INTELLIGENT SIGNAL PROCESSING
#### (24th April to 30th April 2019)
Organized by
**Vardhaman College of Engineering (Autonomous), Shamshabad, Hyderabad**
**in association with**
**E & ICT Academy, National Institute of Technology, Warangal.**
**(Sponsored by Ministry of Electronics and Information Technology (MeitY), GOI)**

**Preamble:**
"Electronics & ICT Academy" was set up at NIT Warangal with financial assistance from MeitY, GoI. The jurisdiction of this academy is Telangana, Andhra Pradesh, Karnataka, Goa, Puducherry and Andaman & Nicobar Islands. This academy role is to offer faculty development programmes in standardized courses and emerging areas of Electronics, Information Communication Technologies, training & consultancy services for Industry, Curriculum development for Industry, CEP for working professionals, Advice and support for technical incubation and entrepreneurial activities.

**About the Workshop:**
As part of an initiative of E&ICT, a Faculty Development Programme (FDP) on "Bio-inspired Algorithms for Intelligent Signal processing" is being conducted at Departments of ECE at Vardhaman College of Engineering (Autonomous) to the faculty members of Engineering, MCA, Research Scholars and other allied disciplines from Telangana, Andhra Pradesh, Karnataka, Pondicherry, Goa, Andaman and Nicobar Islands.

**Major Course Contents:**
- Intelligent systems design
- Particle swarm Optimization (PSO)
- Differential Evolution (DE)
- Bat Algorithm (BA)
- Teacher Learning based Optimization Algorithm (TLBO)
- Sine Cosine Algorithm (SCA)
- Jaya Algorithm
- Grey Wolf Optimizer (GWO)
- Hybridization Mechanism
- Convolutional Neural Networks

Applications
- Image processing and Computer Vision
- Channel Equalization
- Antenna Design
- Adaptive System Identification
- Wireless Sensor Networks

**Faculty conducting this programme:**
The programme will be conducted by the faculty members from NIT Warangal; Academicians in the concerned field from IITs/NITs/IIITs are invited to deliver lectures in the programme. Speakers from industries are also expected to deliver as part of the course.

**Eligibility:**
The programme is open to faculty of Engineering Colleges, MCA Colleges and other allied disciplines in India. Industry personnel working in the concerned /allied discipline can also attend.

**Registration Fee Particulars:**

| Faculty and Research Scholars | Rs. 2500/- |
|---|---|
| Faculty of SC/ST Category | Rs. 1875/- (SC/ ST participants should submit the copy of their caste certificate to claim the concession along with application form) |
| Industry Participants | Rs. 7500/- |

SC/ST concession is only for faculty of mentioned states.
Research Scholars are not eligible for SC/ST concession.

The fee is to be paid either in the form of DDs or online transfer using the following details:

| DD Details | Online Transfer Details |
|---|---|
| Demand Draft in favor of **"Director, NIT Warangal"** payable at any bank in Warangal | Account Name: Electronics & ICT Academy NITW Account No: 62423775910 IFSC: SBIN0020149 |

**Accommodation:**
All the outstation selected participants will be provided boarding and lodging in nearby college hostels with nominal cost.

**Venue:** Department of ECE, Vardhaman College of Engineering
**How to apply:**
A filled in form of application in the prescribed format duly signed and sponsored by appropriate authorities (Along with demand draft) should reach the coordinator by speed post. It is also mandatory to send scanned application form and demand draft through email to hathiram.iisc@gmail.com as selection will be intimated only through mail.

**Selection Criteria:**
Selection will be done based on first-come-first-serve basis to a maximum number of 50 (fifty). Additionally 10 participants from industry are allowed to participate. The list of selected participants will be intimated through e-mail. In case a candidate is not selected, the DD will be sent back. Candidates will be issued satisfactory certificates on successful completion of the course. Reservations are followed for selecting candidates as per GOI norms.

**Important dates:**

| Last date (Application & DD) | 16th April, 2019 |
|---|---|
| Selection List by E- mail | 18th April, 2019 |
| Duration | 24th – 30th April, 2019 |

**About NIT Warangal:**
National Institute of Technology, Warangal is the first among 17 RECs setup as joint venture of the Government of India and the state government. Over the years the college has established itself as a premier Institute imparting technical education of a very high standard leading to the B.Tech degrees in various branches of engineering, M.Tech. and Ph.D programs in various specializations. All B. Tech and M. Tech programmes of NIT Warangal are NBA accredited.

**About ECE Department, VMEG:**
The Department of Electronics and Communication Engineering has been playing a vital role in producing quality engineers ever since it was established in the year 1999. With its Qualified, Experienced and committed Faculty/Staff, the department has expanded its activities enormously over the past 20 years. The department runs one under graduate program and two post graduate programs to cater to the ever – changing needs of technical excellence in all areas of Electronics and Communication Engineering such as VLSI Design, Embedded Systems, Telecommunications, Signal Processing etc. It has well equipped laboratories, its own computer centers and departmental library to cater the needs of UG, PG students. A Continuous stream of short-term courses, refresher courses, workshops and winter/ summer schools is the general outlay of the department.

# Report
## One- Week Faculty Development Programme
## on
## "Bio-inspired Algorithms for Intelligent Signal processing"
## At Vardhaman College of Engineering (Autonomous), Shamshabad, Hyderabad
## 24$^{th}$ April -30$^{th}$ April 2019

As part of an initiative of E&ICT, a Faculty Development Programme (FDP) on "Bio-inspired Algorithms for Intelligent Signal processing" is being conducted at Departments of ECE at Vardhaman College of Engineering (Autonomous) from 24$^{th}$ April -30$^{th}$ April 2019. This programme was a combination of theoretical exercise & laboratory experiments. This FDP aims to provide opportunities to faculty members to enrich their technical knowledge in the field of Signal Processing. The Programme also intends to develop the culture in participants for motivation the relevant field for inculcating learning values in students and guiding and monitoring their progress. The FDP was attended by faculty members of Electronics & Communication Engineering, Electrical Engineering, Mechanical Engineering.



**INAUGURAL SESSION**:
The esteemed dignitaries' personalities present on the dais in inauguration of the programme:

➢Dr. Ravi Kumar Jatoth, Associate Professor, Department of ECE, National Institute of Technology (NIT), Warangal.
➢Dr. Hathiram Nenavath, Associate Professor, Department of ECE, Vardhaman College of Engineering
➢Prof.Y.Pandu Rangaiah, Professor, Department of ECE, Vardhaman College of Engineering
➢Dr. P. Nageswara Rao, Professor, Department of ECE, Vardhaman College of Engineering

Mrs. Sangeeta Singh, Anchor welcomed all the cherished dignitaries and participants. She requests to all the respected dignitaries to light the lamp in front of Goddess of Knowledge MA SARASWATI.
**Welcome Ceremony**: Dr. P. Ramadevi, Faculty of vardhaman college of engineering, welcome Dr. Ravi Kumar Jatoth with bunch of flowers.

**24/04/2019 Day-1 Forenoon Session**

Dr. Ravi Kumar Jatoth, Department of ECE, National Institute of Technology (NIT), Warangal has delivered keynote address on "Intelligent Signal Processing". In this session, he discussed about two types algorithms for adaptive filtering i.e. Least Mean Square (LMS) and Recursive Least Squares (RLS) and tries to outlines their strengths and their weakness.



**Afternoon Session (Day-1)**
Dr. Ravi Kumar Jatoth, Department of ECE, National Institute of Technology (NIT), Warangal delivered lecture on System Identification using Genetic Algorithm (GA)

**Hands on session :**

A demonstration on "Implementation of GA using MATLAB" was given by Dr. Ravi Kumar Jatoth, Department of ECE, National Institute of Technology (NIT), Warangal. At first participants were trained with MATLAB commands of GA with typical examples of mathematics, communication and signal processing. They had done some assignments regarding the above areas given by the experts .

**Afternoon session Day-2** A interact' ~ practical session on "Implementation of PSO v' g MATLAB" was taken by Dr. Ravi Kumar Jatoth. He explained about

### 26/07/2019 Day-3 Forenoon Session

Dr. Gopi Ram has delivered a lecture on Cat Swarm Optimization (CSO). He discussed about Antenna array pattern synthesis using Cat Swarm Optimization.
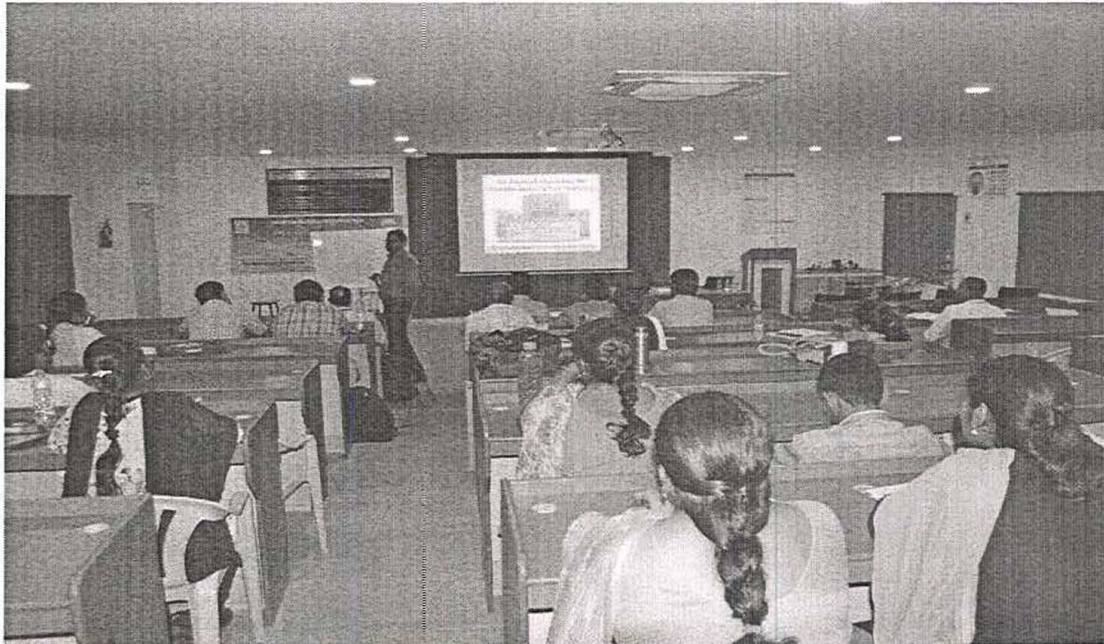


### Day-3 Afternoon Session

Dr. Hathiram Nenavath has delivered a lecture on Bat Algorithm (BA). He discussed about implementation of BA using MATLAB.

Dr. Swagatam Das, Associate Profess  ISI, Kolkata, has illuminated on "Differential Ev  tion (DE)".In this session participants were gained with the knowledge of the image Processing & Computer Vision application using DE.



**Day-4 Afternoon Session**

Dr. Swagatam Das, Associate Professor, ISI, Kolkata has explained "How to publish papers in SCI Journals".
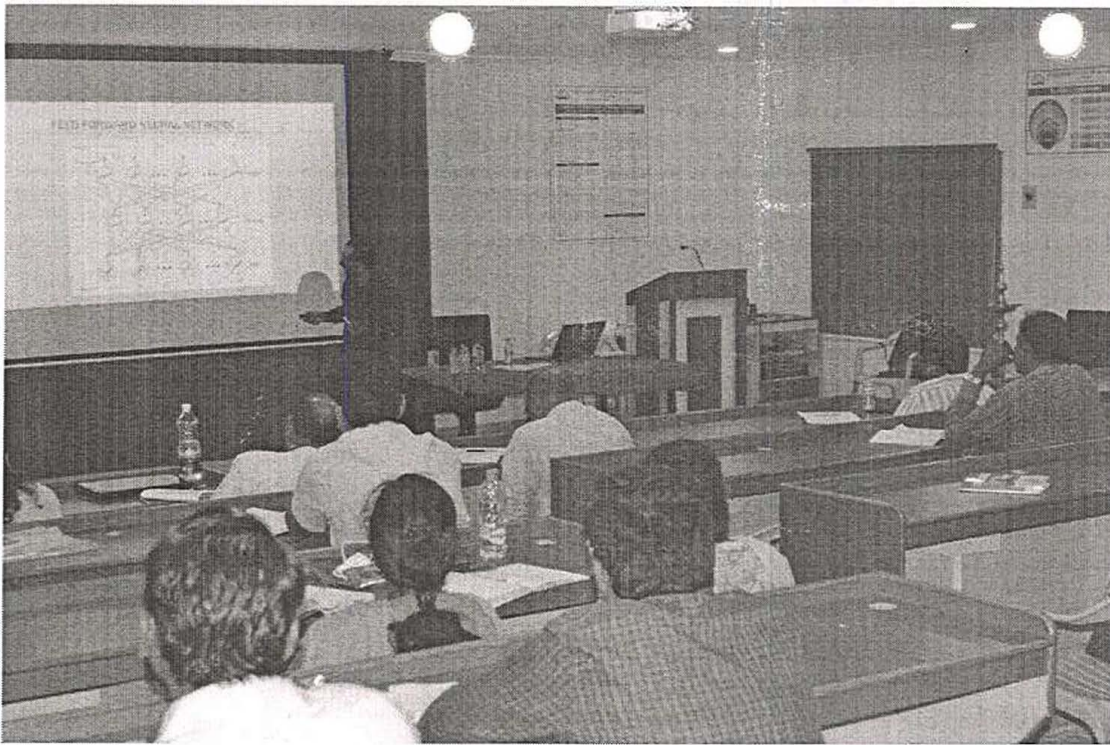
**Day-5 Afternoon Session :**

Dr. Rama Krishna Sai Gorthi , Associate Professor, Indian Institute of Technology (IIT), Tirupati , has discussed on "NN & CNN for Digit Recognition using MATLAB".

**Day-6 Afternoon Session :**

An enlightening lecture on "Implementation of TLBO and JA using MATLAB" was discussed by Dr. Ravi Kumar Jatoth, Associate Professor, Department of ECE, National Institute of Technology (NIT), Warangal.

**VALEDICTORY SESSION:** The honorable personalities present in this occasion were Dr. Ravi Kumar Jatoth, Associate Professor, Department of ECE, National Institute of Technology (NIT), Warangal,Dr. Hathiram Nenavath, Associate Professor, Department of ECE, Vardhaman College of Engineering, Dr. S.Sai Satyanarayana Reddy, principal, Vardhaman College of Engineering Prof.Y.Pandu Rangaiah, Professor, Department of ECE, Vardhaman College of Engineering and Dr. JVR Ravindra, Professor, Department of ECE, Vardhaman College of Engineering .

## APPLICATION FORM

### FACULTY DEVELOPMENT PROGRAMME (FDP)
### ON
### BIO-INSPIRED ALGORITHMS FOR INTELLIGENT SIGNAL PROCESSING
### (24th April to 30th April 2019)
#### Organized by
#### Vardhaman College of Engineering (Autonomous), Shamshabad, Hyderabad
#### in association with
## E & ICT Academy, National Institute of Technology, Warangal.
### (Sponsored by Ministry of Electronics and Information Technology (MeitY), GOI)

1. Name : Dr. JVR Ravindra
2. Designation : ~~Asst~~. Professor.
3. Institution : VCE
4. Email : jvr. ravindra@ vardhaman. org
5. Mobile No : 9440114765
6.

| DD | Online Transfer |
|---|---|
| DD No: | Reference No: |
| Amount: | By cash |
| Bank : | |
| Date: | |

7. Address for Correspondence:

   VCE, shamshabad.

8. Educational Qualification: Ph.D.
9. Subjects taught so far: BEE, SS/DSP, PДSP, VLSI Design, EMTL., DLD, EDC
10. No. of refresher courses/workshops attended:
11. Experience (in years): 17

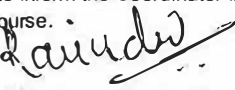    Teaching:     Research:     Industry:

12. Accommodation required:     ~~YES~~ /NO
13. Do you belong to SC/ST :     ~~YES~~/NO

(If yes, please specify and attach a copy of caste certificate to claim the concession)

**Declaration**
The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the FDP and shall attend the course for the entire duration. I also undertake the responsibility to inform the Coordinator in case, I am unable to attend the course.

Signature of the Applicant

**SPONSORSHIP CERTIFICATE**

Dr. ~~/Mr.~~ /Ms. JVR Ravindra is an employee of our Institute/Organization and is hereby sponsored to participate in the FDP on **"Bio-inspired Algorithms for Intelligent Signal processing"**, sponsored by Electronics & ICT Academy during 24th April to 30th April 2019 at Vardhaman College of Engineering, Hyderabad.

Head of the Department
Electronics & Communication Engineering
VARDHAMAN COLLEGE OF ENGINEERING
Shamshabad, Hyderabad

Signature of Head of Institution
(With seal)

**Address for correspondence**
*Post your application form with DD to*

**Dr. Hathiram Nenavath,**
**Associate Professor, Department of ECE,**
**Vardhaman College of Engineering (Autonomous)**
**Kacharam, Shamshabad,**
**Hyderabad, Telangana, India, Pincode-501 218.**
**Email: hathiram.iisc@gmail.com**
**Mobile: +91-9000747143**

*E-mail the scanned copies of filled-in and duly signed application form along with DD to*

**hathiram.iisc@gmail.com**

*For more details about Electronics & ICT Academy, NIT, Warangal, please visit:*
*https://nitw.ac.in/eict*

## Coordinators

**Dr. Ravi Kumar Jatoth,**
Associate Professor, Dept. of ECE,
National Institute Of Technology Warangal,
Telangana-506004

**Dr. Hathiram Nenavath,**
Associate Professor, Dept. of ECE,
Vardhaman College of Engineering (Autonomous),
Kacharam, Shamshabad, Hyderabad, Telangana, India,
Pincode-501 218.

# E & ICT ACADEMY
## NATIONAL INSTITUTE OF TECHNOLOGY, WARANGAL
### AND
## VARDHAMAN COLLEGE OF ENGINEERING (AUTONOMOUS), SHAMSHABAD, HYDERABAD
### Faculty Development Programme on
# Bio-inspired Algorithms for Intelligent Signal processing
### (24th April to 30th April 2019)
### FEEDBACK FORM

**Note:**
* Your FEEDBACK is our major source of information for evaluating the strengths and weakness of a programme and thereby improving/modifying /strengthening future courses of similar nature. The responses given by you will be treated as purely of academic importance for exclusive use of E&ICT Academy, NITW. So kindly take a little time and fill in this form carefully.
* Please complete this form and return back as a service to help you much better

**Name of Programme:** Bio-inspired Algorithms for Intelligent Signal processing
**Duration and Dates:** 24th April to 30th April 2019

**Name of Coordinator(s):** Dr. J. Ravi Kumar, NIT Warangal
Dr. Hathiram Nenavath, Vardhaman College of Engineering (Autonomous), Hyderabad

1. Did you have sufficient information about the following before you arrived at the Institution? (Tick the appropriate one)

| | | | |
|---|---|---|---|
| i) | Objectives of the Programme | ✓ Yes | No |
| ii) | Academic Level and Content of the Programme | ✓ Yes | No |
| iii) | Type of accommodation and boarding | ✓ Yes | No |

2. Was the subject matter of the programme of any direct relevance to your present or future teaching work/research?  ✓ Yes   No

3. Methodology adopted and Learning Resources used:

| Methodology and Learning Resources | Effectiveness | | |
|---|---|---|---|
| | High | Moderate | Poor |
| i) Lecture Sessions | ✓ | | |
| ii) Use of Slides/PowerPoint | ✓ | | |
| iii) Any other(Please Specify) | ✓ | | |

4. Which of the following method of presentation you liked most?
   (a) Black board                    ✓ (b) Power point slides

5. Course Organization :

| | Item | Good | Satisfactory | Poor |
|---|---|---|---|---|
| 5.1 | General : | | | |
| | i) Planning & Course Preparation | ✓ | | |
| | ii) Sequencing of Presentation | ✓ | | |
| | iii) Balance between methodologies adopted | ✓ | | |
| 5.2 | Lecture Session : | | | |
| | i) Appropriateness and adequacy of content | ✓ | | |

1

# E & ICT ACADEMY
## NATIONAL INSTITUTE OF TECHNOLOGY, WARANGAL
### AND
## VARDHAMAN COLLEGE OF ENGINEERING (AUTONOMOUS),
### SHAMSHABAD, HYDERABAD
### Faculty Development Programme on

# Bio-inspired Algorithms for Intelligent Signal processing
### (24th April to 30th April 2019)
### FEEDBACK FORM

Note:
* Your FEEDBACK is our major source of information for evaluating the strengths and weakness of a programme and thereby improving/modifying /strengthening future courses of similar nature. The responses given by you will be treated as purely of academic importance for exclusive use of E&ICT Academy, NITW. So kindly take a little time and fill in this form carefully.
* Please complete this form and return back as a service to help you much better

Name of Programme: Bio-inspired Algorithms for Intelligent Signal processing
Duration and Dates: 24th April to 30th April 2019

Name of Coordinator(s): Dr. J. Ravi Kumar, NIT Warangal
                        Dr. Hathiram Nenavath, Vardhaman College of Engineering (Autonomous), Hyderabad

1. Did you have sufficient information about the following before you arrived at the Institution? (Tick the appropriate one)

| | | | |
|---|---|---|---|
| i) | Objectives of the Programme | Yes ✓ | No |
| ii) | Academic Level and Content of the Programme | Yes ✓ | No |
| iii) | Type of accommodation and boarding | Yes ✓ | No |

2. Was the subject matter of the programme of any direct relevance to your present or future teaching work/research?      Yes ✓      No

3. Methodology adopted and Learning Resources used:

| Methodology and Learning Resources | Effectiveness | | |
|---|---|---|---|
| | High | Moderate | Poor |
| i) Lecture Sessions | ✓ | | |
| ii) Use of Slides/PowerPoint | ✓ | | |
| iii) Any other(Please Specify) | ✓ | | |

4. Which of the following method of presentation you liked most?
   (a) Black board                              (b) Power point slides ✓

5. Course Organization :

| | Item | Good | Satisfactory | Poor |
|---|---|---|---|---|
| 5.1 | General : | ✓ | | |
| | i) Planning & Course Preparation | ✓ | | |
| | ii) Sequencing of Presentation | ✓ | | |
| | iii) Balance between methodologies adopted | ✓ | | |
| 5.2 | Lecture Session : | ✓ | | |
| | i) Appropriateness and adequacy of content | | ✓ | |

1

## ELECTRONICS & ICT ACADEMY

Ministry of Electronics and
Information Technology
Government of India

### NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL, (T.S.), INDIA

and

### Vardhaman College of Engineering (Autonomous), Shamshabad, Hyderabad

## Participation Certificate

This is to certify that **Prof. Y. Pandu Rangaiah, Professor**

from **Vardhaman College of Engineering, Shamshabad**

has participated in MeitY, Govt. of India, Sponsored One Week Faculty Development Programme (FDP) on

**"BIO-INSPIRED ALGORITHMS FOR INTELLIGENT SIGNAL PROCESSING"** Organized by the E&ICT

Academy, NIT Warangal at Vardhaman College of Engineering (Autonomous), Shamshabad, Hyderabad from

24th - 30th April, 2019.

The performance of the candidate is satisfactory

Dr.Hathiram Nenavath     Dr. Ravi Kumar Jatoth     Dr. S.Sai Satyanarayana Reddy     Prof. R.B.V. Subramanyam     Prof. N.V. Ramana Rao

# ELECTRONICS & ICT ACADEMY
## NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL, (T.S.), INDIA
### and

## Vardhaman College of Engineering (Autonomous), Shamshabad, Hyderabad

# Participation Certificate

This is to certify that **Dr. J V R Ravindra,** Professor

from **Vardhaman College of Engineering, Shamshabad**

has participated in MeitY, Govt. of India, Sponsored One Week Faculty Development Programme (FDP) on

**"BIO-INSPIRED ALGORITHMS FOR INTELLIGENT SIGNAL PROCESSING"** Organized by the E&ICT

Academy, NIT Warangal at Vardhaman College of Engineering (Autonomous), Shamshabad, Hyderabad from

24th - 30th April, 2019.

The performance of the candidate is satisfactory

**Dr. Hathiram Nenavath**    **Dr. Ravi Kumar Jatoth**    **Dr. S.Sai Satyanarayana Reddy**    **Prof. R.B.V. Subramanyam**    **Prof. N.V. Ramana Rao**

# E&ICT ACADEMY
# NATIONAL INSTITUTE OF TECHNOLOGY
## WARANGAL – 506004, TELANGANA STATE – INDIA

### Internal and External Speakers:

| S No. | Name | Designation | College | Phone no. | Mail - Id |
|---|---|---|---|---|---|
| 1 | Dr. Ravi Kumar Jatoth | Associate Professor | National Institute of Technology, Warangal | 8702462444 | ravikumar@nitw.ac.in |
| 2 | Dr. Swagatam Das | Associate Professor | Indian Statistical Institute (ISI), Kolkata | 033 25752900 | swagatam.das@isical.ac.in |
| 3 | Dr. Rama Krishna Sai Gorthi | Associate Professor | INDIAN INSTITUTE OF TECHNOLOGY (IIT), TIRUPATI | 0877 2503260 | rkg@iittp.ac.in |
| 4 | Dr. Gopi Ram | Assistant Professor | National Institute of Technology, Warangal | 8248831950 | gopi.ram@nitw.ac.in |
| 5 | Dr. Hathiram Nenavath | Associate Professor | Vardhaman College of Engineering, Shamshabad | 9000747143 | hathiram.iisc@gmail.com |
| 6 | | | | | |
| 7 | | | | | |
| 8 | | | | | |
| 9 | | | | | |

# Electronics &ICT ACADEMY
# NATIONAL INSTITUTE OF TECHNOLOGY
## WARANGAL – 506004, TELANGANA STATE – INDIA

**FDP Name:Bio-inspired Algorithms for Intelligent Signal processing**
**Dates:** 24<sup>th</sup> April -30<sup>th</sup> April 2019
**Venue:**Vardhaman College of Engineering (Autonomous), Shamshabad, Hyderabad.

## Participants List:

| S. No. | Name | Designation | College | Gender | Category (If SC or ST please specify clearly to which category they belong to, to claim the concession) | Phone no. | E Mail - Id | DD No/ Transaction reference with Dates |
|---|---|---|---|---|---|---|---|---|
| 1 | Penta Anil Kumar | Assistant Professor | Gudlavalleru Engineering College, Gudlavalleru | M | GEN | 9032061175 | anilmtechh@gmail.com | UA0146575667 09-03-2019 |
| 2 | Deepika Ainapur | Assistant Professor | KG Reddy College of Engineering and Technology, Moinabad | F | GEN | 7032714884 | adeepika@kgr.ac.in | 907016174568 11-03-2019 |
| 3 | Imran Basha Syed | Assistant Professor | Bapatla Engineering College | M | GEN | 9963185233 | sd.imranbasha@gmail.com | IHJ8834244 09-03-2019 |
| 4 | Mahesh Gatram | Assistant Professor | Bapatla Engineering College | M | GEN | 8096176479 | gmahesh033@gmail.com | IHJ8833766 09-03-2019 |
| 5 | Atul R. Patil | Associate Professor | NMIMS University, Mumbai | M | GEN | 8275007986 | Atul.Patil@nmims.edu | IHJ9174874 14-03-2019 |
| 6 | Divya Singh | Research Scholar | NIT Raipur | F | GEN | 6267935183 | divya.twinks@gmail.com | SBILT1103201 912325369304 |

E & ICT ACADEMY
NATIONAL INSTITUTE OF TECHNOLOGY, WARANGAL
AND
VARDHAMAN COLLEGE OF ENGINEERING (AUTONOMOUS),
SHAMSHABAD, HYDERABAD
Faculty Development Programme on

# Bio-inspired Algorithms for Intelligent Signal processing
(24th April to 30th April 2019)
## FEEDBACK FORM

Note:
* Your FEEDBACK is our major source of information for evaluating the strengths and weakness of a programme and thereby improving/modifying /strengthening future courses of similar nature. The responses given by you will be treated as purely of academic importance for exclusive use of E&ICT Academy, NITW. So kindly take a little time and fill in this form carefully.
* Please complete this form and return back as a service to help you much better

Name of Programme: Bio-inspired Algorithms for Intelligent Signal processing
Duration and Dates: 24th April to 30th April 2019

Name of Coordinator(s): Dr. J. Ravi Kumar, NIT Warangal
        Dr. Hathiram Nenavath, Vardhaman College of Engineering (Autonomous), Hyderabad

1. Did you have sufficient information about the following before you arrived at the Institution? (Tick the appropriate one)

| | | | |
|---|---|---|---|
| i) | Objectives of the Programme | Yes | No |
| ii) | Academic Level and Content of the Programme | Yes | No |
| iii) | Type of accommodation and boarding | Yes | No |

2. Was the subject matter of the programme of any direct relevance to your present or future teaching work/research?                Yes            No

3. Methodology adopted and Learning Resources used:

| Methodology and Learning Resources | Effectiveness | | |
|---|---|---|---|
| | High | Moderate | Poor |
| i) Lecture Sessions | ✓ | | |
| ii) Use of Slides/PowerPoint | ✓ | | |
| iii) Any other(Please Specify) | | | |

4. Which of the following method of presentation you liked most?
    (a) Black board                (b) Power point slides ✓

5. Course Organization :

| | Item | Good | Satisfactory | Poor |
|---|---|---|---|---|
| 5.1 | General : | | | |
| | i) Planning & Course Preparation | ✓ | | |
| | ii) Sequencing of Presentation | ✓ | | |
| | iii) Balance between methodologies adopted | ✓ | | |
| 5.2 | Lecture Session : | | | |
| | i) Appropriateness and adequacy of content | ✓ | | |

1

# Electronics &ICT ACADEMY
# NATIONAL INSTITUTE OF TECHNOLOGY
## WARANGAL –506004, TELANGANA STATE – INDIA

**FDP Name:Bio-inspired Algorithms for Intelligent Signal processing**
**Dates: 24th April -30th April 2019**
**Venue:Vardhaman College of Engineering (Autonomous), Shamshabad, Hyderabad.**
### Attendance

| S. No. | Name | 24-04-19 FN | 24-04-19 AN | 25-04-19 FN | 25-04-19 AN | 26-04-19 FN | 26-04-19 AN | 27-04-19 FN | 27-04-19 AN | 29-04-19 FN | 29-04-19 AN | 30-04-19 FN | 30-04-19 AN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Penta Anil Kumar | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 2 | A.Deepika | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 3 | Imran Basha Syed | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 4 | G.Mahesh | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 5 | Atul R. Patil | | | | | | | | | | | | |
| 6 | Divya Singh | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS | DS |
| 7 | S.Thilagavathi | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 8 | T.Suman | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 9 | J.Praneet Raj | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 10 | B.Sampath | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 11 | Dr. B. Jaishankar | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 12 | M. Santhanaraj | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 13 | Dr. M V Krishna Rao | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 14 | Amgoth Laxman | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 15 | K. Venkateswaralu | KV | KV | KV | KV | KV | KV | KV | KV | KV | KV | KV | KV |
| 16 | J. Sudha Rani | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 17 | K. Vanitha | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 18 | Dr. T.S Anandhi | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 19 | V. Manohar | V2 | V2 | V2 | V2 | V2 | V2 | V2 | V2 | V2 | V2 | V2 | V2 |
| 20 | Dr.G.Mamatha | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 21 | S. Srinivas | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 22 | T. Ramakrishnaiah | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 23 | Dr. Ch.Subrahmanyam | | | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ |
| 24 | Dr. DMK Chaitanya | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 25 | Prof.Y. Pandu Rangaiah | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

| S. No. | Name | 24-04-19 | | 25-04-19 | | 26-04-19 | | 27-04-19 | | 29-04-19 | | 30-04-19 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | FN | AN | FN | AN | FN | AN | FN | AN | FN | AN | FN | AN |
| 26 | Dr. J V R Ravindra | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* |
| 27 | Prof. S. Rajendar | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* |
| 28 | Dr. Raja Murali Prasad | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* |
| 29 | Dr.S.Janardhana Rao | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* |
| 30 | Dr. M. Narayana | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* |
| 31 | V. Jyothi | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* |
| 32 | Dr. P. Ramadevi | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* |
| 33 | Dr. D. Krishna | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* |
| 34 | Dr. Joseph Anthony Prathap | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* |
| 35 | Dr. R. Sumalatha | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* |
| 36 | Dr. M. Naresh Kumar | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* |
| 37 | Dr. S. Karunakaran | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* |
| 38 | K. Ashwini | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* |
| 39 | V. Harini | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* |
| 40 | K. Narsimha Reddy | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* |
| 41 | Ch. Ramakrishna | | | | | | | | | | | | |
| 42 | R. Phani Vidhyadhar | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* |
| 43 | B. Raja Gopal Reddy | | | | | | | | | | | | |
| 44 | Dr. G.A.E Satish Kumar | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* |
| 45 | A. Vijaya lakshmi | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* |
| 46 | K.H.Murali | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* |
| 47 | Dr. Sulakshana Chilukuri | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | | |
| 48 | Sangeeta Singh | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* |
| 49 | Dr.G.Partha Sarathi | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* |
| 50 | R.N.V.L.H.Madhuri | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* |
| 51 | M.Madhavi | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* |
| 52 | Naddi Nagaraju | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* |
| 53 | Kesa Jyothi | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* |
| 54 | Dasari Srinivasulu | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* | *sign* |

**Coordinators**

Dr. Ravi Kumar Jatoth

Dr. Hathiram Nenavath

# "Technical Manuscript Preparation with Latex(LyX)"

# Registrations

### Registration Form

1. Name : SYED ALEY FATHIMA
2. Designation : Student
3. Department : C.S.E
4. Qualifications : M Tech (pursuing)
5. Teaching Experience : —
6. Name of the Institution : Vardhaman College of Eng
7. Mobile No : 9030600860
8. E-mail ID : naonain mustafa786@gmail
9. IEEE Member : YES/NO
(If yes, mention the membership ID)

Signature of the Applicant

**Sponsorship by the Head of the Institution**

This is to certify that Mr./Ms SYED ALEY FATHIMA of Vardhaman is sponsored to Participate in the Two day Workshop, on "Technical Manuscript Preparation with LaTeX(LyX)" during 12-13 March 2019 at Vardhaman college of Engineering, Kacharam, Hyderabad.

Signature of Principal

---

**CHIEF PATRONS**
Dr. T.Vijender Reddy (Chairman)
Sri. T. Uppender Reddy (Secretary)
Sri. M.Rajasekhar Reddy (Vice Chairman)
Sri. E.Prabakar Reddy (Treasurer)

**PATRONS**
Dr. S Sai Satyanarayana Reddy (Principal)
Prof. Vivek Kulkarni (Professor, Dept of CSE)

**CHAIR PERSONS**
Mr. T.Vidyasagar, Chairman, IEEE CS Hyd-Section
Dr. M A Jabbar, Vice Chairman, IEEE CS Hyd-Section
Mr. A Rajanikanth, Secretary, IEEE CS Hyd-Section

**CONVENOR**
Dr. Ashwani Kumar

**CO-ORDINATOR**
Mr. B Suresh Kumar

**RESOURCE PERSON**
Dr. Mohd. Wajid (AMU, Aligarh)

**ORGANIZATION COMMITTEE**
Faculty members and student of Centre for Image Processing.

---

**ADDRESS FOR COMMUNICATION**

Mr. B Suresh Kumar
Assistant Professor
Department of CSE
Vardhaman College of Engineering
Karcharam, Hyderabad, India
Email ID: b.sureshkumar@vardhaman.org
Mobile No: +91 9533444094

**ROUTE MAP**



---

### Registration Form

1. Name : S. SRINIVAS
2. Designation : Asst. Prof
3. Department : ECE
4. Qualifications : M.Tech (Ph.D)
5. Teaching Experience : 11 years
6. Name of the Institution : Vardhaman college of Egg.
7. Mobile No : 9949387604
8. E-mail ID : sandini.srinivase@gmail.com
9. IEEE Member : YES/NO
(If yes, mention the membership ID)

Signature of the Applicant

**Sponsorship by the Head of the Institution**

This is to certify that Mr./Ms S. SRINIVAS of ECE Dept. VMEG is sponsored to Participate in the Two day Workshop on "Technical Manuscript Preparation with LaTeX(LyX)" during 12-13 March 2019 at Vardhaman college of Engineering, Kacharam, Hyderabad.

Signature of Principal
12/3/2019

---

**CHIEF PATRONS**
Dr. T.Vijender Reddy (Chairman)
Sri. T. Uppender Reddy (Secretary)
Sri. M.Rajasekhar Reddy (Vice Chairman)
Sri. E.Prabakar Reddy (Treasurer)

**PATRONS**
Dr. S Sai Satyanarayana Reddy (Principal)
Prof. Vivek Kulkarni (Professor, Dept of CSE)

**CHAIR PERSONS**
Mr. T.Vidyasagar, Chairman, IEEE CS Hyd-Section
Dr. M A Jabbar, Vice Chairman, IEEE CS Hyd-Section
Mr. A Rajanikanth, Secretary, IEEE CS Hyd-Section

**CONVENOR**
Dr. Ashwani Kumar

**CO-ORDINATOR**
Mr. B Suresh Kumar

**RESOURCE PERSON**
Dr. Mohd. Wajid (AMU, Aligarh)

**ORGANIZATION COMMITTEE**
Faculty members and students of Centre for Image Processing.

---

**ADDRESS FOR COMMUNICATION**

Mr. B Suresh Kumar
Assistant Professor
Department of CSE
Vardhaman College of Engineering
Karcharam, Hyderabad, India
Email ID: b.sureshkumar@vardhaman.org
Mobile No: +91 9533444094

**ROUTE MAP**

# VARDHAMAN COLLEGE OF ENGINEERING

Department of Computer Science and Engineering

Centre for Image Processing

Two Day Workshop on

"Technical Manuscript Preparation with LaTeX(LyX)"

12th & 13th March 2019

Date: 13th March 2019                                      Session: FN/AN

| Sl.No | Name of the Participant | Organization | Department | ID/Roll No | Year/Section | Signature |
|-------|-------------------------|--------------|------------|------------|--------------|-----------|
| 1 | E.MANOJ KUMAR | VCE | Mechanical | VCE 234 | | |
| 2. | Ch. Sabitha | VCE | CSE | VCE989 | | |
| 3. | Bharathi Ghosh | VCE | CSE | VCE978 | | |
| 4. | A. Angel Mary | VCE | CSE | VCE468 | | |
| 5 | M. Nikhitha | VCE | CSE (Mtech) | 1788ID5806 | | |
| 6 | R. Manisha | VCE | CSE (Mtech) | 1788ID5804 | | |
| 7. | V. Priyanka | VCE | CSE (Mtech) | 1788ID5810 | | |
| 8. | A. Sai Ramesh | VCE | ECE (Mtech) | 1888ID3801 | | |
| 9. | S. Shireesha | VCE | ECE (Mtech) | 1888ID3807 | | |
| 10. | Shailaja Rani | VCE | CSE (MTech) | 1788ID5813 | | |
| 11. | K. Aishwarya | VCE | CSE (M.Tech) | 1788ID5801 | | |
| 12. | Syed Abdul Basit Ararin | MANUU | CS (PhD) | A17115 | | |
| 13 | Shaik Moinuddin Ahmed | MANUU | CS (Ph.D) | A181349 | | |
| 14 | SHRAWAN KUMAR | VCE | Assistant Prof. Dept. of CSE | VCE1115 | | |
| 15 | Dr. D. Raman | VCE | C.S.E | VCE461 | | |
| 16. | C. SRINIVAS | VCE | ECE | VCE290 | | |
| 17 | K. Navin Reddy | VCE | ECE | VCE926 | | |
| 18 | M. Venkateswara Reddy | VCE | Examcell | 905987-0057 | | |

| Sl.No | Name of the Participant | Organization | Department | Email-Id | Mobile No | Signature |
|---|---|---|---|---|---|---|
| 19 | D Ranganayak | VCE | Exam cell | | 7386327091 | |
| 20 | M.Venkatswamy | VCE | Exam Cell | | 9032396323 | |
| 21 | P. Ravi Shankar | VCE | H&S | | 9848640034 | |
| 22. | D.Ganesh | VCE | CSE | | 7207513076 | |
| 23 | Sheena Mohammad | VCE | IT | Sheenamd786@gmail.com | 9705717937 | |
| 24- | Dr.k. Dharasu | UCE | IT | | | |
| 25. | A-Ramesh | VCE | CSE | Yamesh.adavelli@gmail.com | 9912564253 | |
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# VARDHAMAN COLLEGE OF ENGINEERING

Center For Image Processing
Department Of Computer Science and Engineering

FEEDBACK

Work shop on " Technical Manuscript Preparation with Latex" on 12 & 13 March 2019

Participant Name: R. Manisha

manisha.ravivala1994@gmail.com

Date: 13/03/2019

9666535723

Designation: M.Tech 2nd year

## INSTRUCTIONS

Please circle your response to the items. Rate aspects of the workshop on a 1 to 5 scale:

1 = "Strongly disagree," or the lowest, most negative impression
3 = "Neither agree nor disagree," or an adequate impression
5 = "strongly agree," or the highest, most positive impression

Choose N/A if the item is not appropriate or not applicable to this workshop. Your feedback is sincerely appreciated. Thank you.

------------------------------------------------------

**WORKSHOP CONTENT** (Circle your response to each item.)

| | | |
|---|---|---|
| 1. | I was well informed about the objectives Of this workshop. | 1  2  3  4  (5)  N/A |
| 2. | This workshop lived up to my expectations. | 1  2  3  4  (5)  N/A |
| 3. | The content is relevant to my job. | 1  2  3  4  (5)  N/A |

**WORKSHOP DESIGN** (Circle your response to each item.)

| | | |
|---|---|---|
| 4. | The workshop objectives were clear to me. | 1  2  3  4  (5)  N/A |
| 5. | The workshop activities stimulated my learning. | 1  2  3  4  (5)  N/A |
| 6. | The activities in this workshop gave me sufficient practice. | 1  2  3  4  (5)  N/A |
| 7. | The difficulty level of this workshop was appropriate. | 1  2  3  4  (5)  N/A |
| 8. | The pace of this workshop was appropriate | 1  2  3  4  (5)  N/A |

IEEE
HYDERABAD SECTION
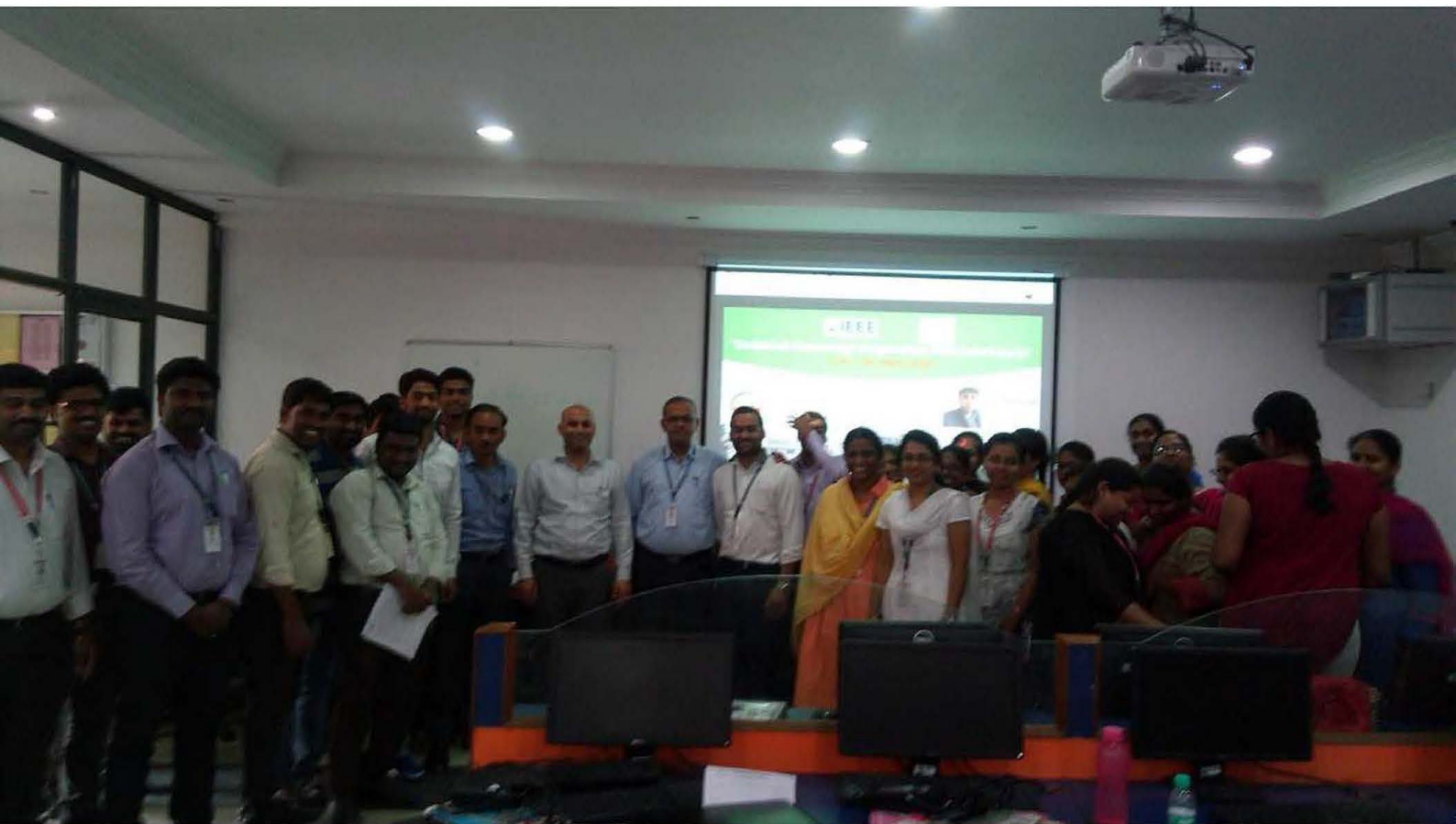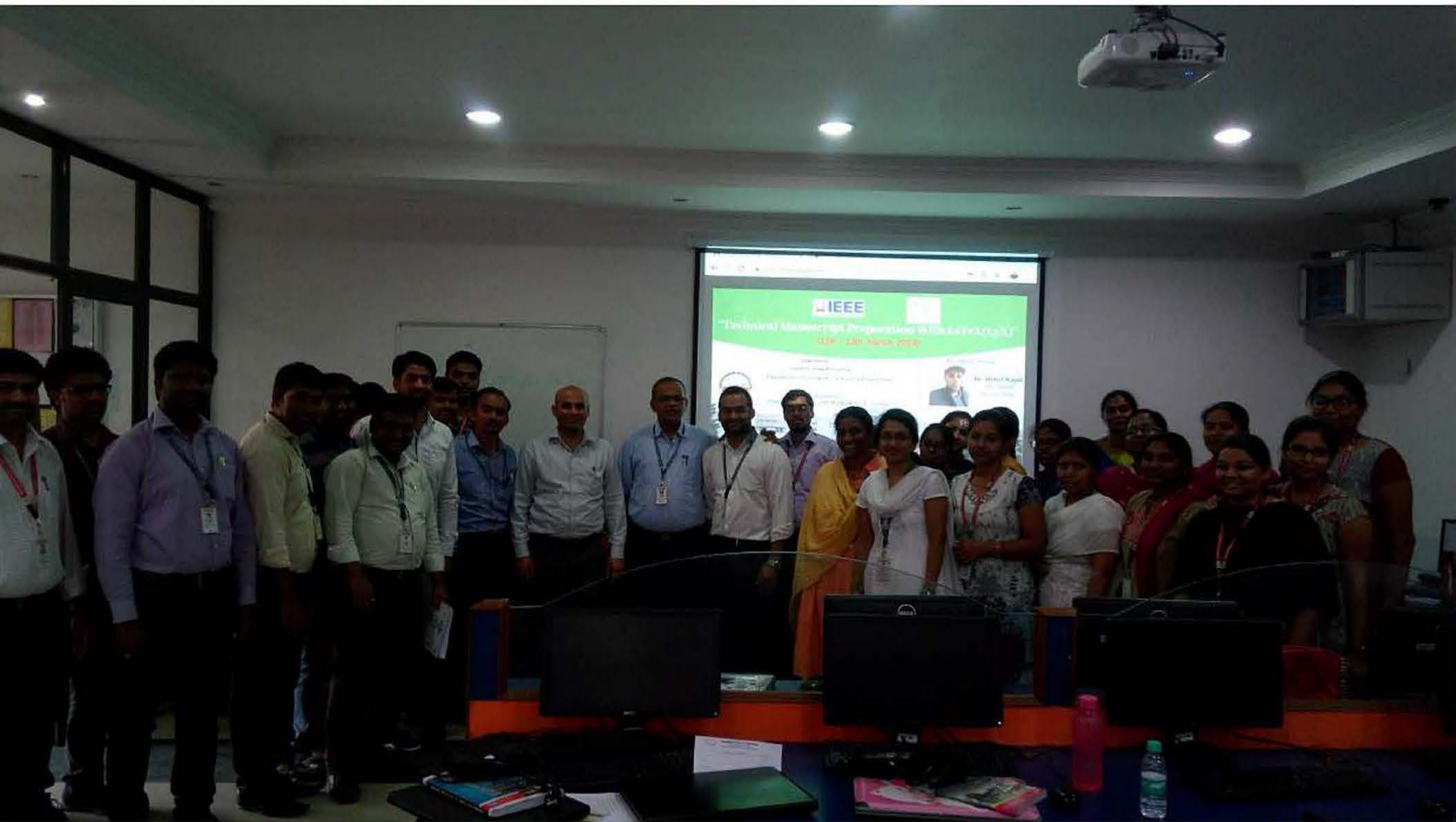
| Time | Schedule | Speaker |
|---|---|---|
| 9.30 to 10.30 | Inauguration | |
| 10.30 to 12.00 | Introduction to LaTeX | Dr. Ashwani Kumar |
| 12.00-12.10 | Tea-Break | |
| 12.10-1.10 | Installation of Latex and Related Packages | Mr. B Suresh Kumar |
| 1.10-2.00 | Lunch - Break | |
| 2.00-4.00 | Fundamentals, Drawing Object | Mr. B Suresh Kumar |
| DAY-2 | | |
| 9.30 to 10.00 | Registration | |
| 10.00 to 11.30 | Introduction to LyX (A Graphical interface to LaTeX) | Dr. Mohd. Wajid |
| 11.30-11.45 | Tea-Break | |
| 11.45-1.00 | Figures, Tables, Labels and Cross-References | Dr. Mohd. Wajid |
| 1.00-2.00 | Lunch - Break | |
| 2.00-3.00 | Bibliographies, Equations and math mode | Dr. Mohd. Wajid |
| 3.00-3.10 | Tea-Break | |
| 3.10-4.00 | Exercises (if time permits) | Dr. Mohd. Wajid |
| 4.00-4.30 | Valedictory | |

## Overall Outcome:

Department of Computer Science & Engineering sponsored Two Day Workshop on "**Technical Manuscript Preparation with Latex(LyX)**" among Various Stakeholders has been organized by Vardhaman College of Engineering, Hyderabad on 12 March 2019 to 13 March 2019.

25 participants attended the Workshop in which respective stake holders were present, inclusive of students and faculty members from various the college.

## Picture Gallery:

Email: mohdwajid@zhcet.ac.in

- **Dr. Ashwani Kumar**

Associate Professor

Dept. of Computer Science & Engineering
Vardhaman College of Engineering, Hyderabad
Email: ashwani.kumarcse@vardhaman.org

- **Mr. B Suresh Kumar**

Assistant Professor
Dept. of Computer Science & Engineering
Vardhaman College of Engineering, Hyderabad

## Committee List:

### CHIEF PATRONS

Dr. T. Vijender Reddy (Chairman)

Sri. T. Upender Reddy (Secretary)

Sri. M. Rajasekhar Reddy (Vice Chairman)

Sri. E. Prabhakar Reddy (Treasurer)

### PATRON

Dr. S. Sai Satyanarayana Reddy (Principal)

### RESOURCE PERSONS

1. Dr Mohammad Wajid
2. Dr. Ashwani Kumar
3. Mr. Suresh Kumar

### ORGANIZING COMMITTEE

All faculty members associated with Center for Image Processing,
CSE Dept.

## Program Flow:

| DAY-1 |
|---|

# CONTENTS

# Introduction

LaTeX is a high-quality typesetting system; it includes features designed for the production of technical and scientific documentation. LaTeX is the de facto standard for the communication and publication of scientific documents. LaTeX is available as free software.

LaTeX, which is pronounced «Lah-tech» or «Lay-tech» (to rhyme with «blech» or «Bertolt Brecht»), is a document preparation system for high-quality typesetting. It is most often used for medium-to-large technical or scientific documents but it can be used for almost any form of publishing.

LaTeX is not a word processor! Instead, LaTeX encourages authors not to worry too much about the appearance of their documents but to concentrate on getting the right content. For example, consider this document:

**Cartesian closed categories and the price of eggs**
**Jane Doe**
**September 1994**
**Hello world!**

To produce this in most typesetting or word-processing systems, the author would have to decide what layout to use, so would select (say) 18pt Times Roman for the title, 12pt Times Italic for the name, and so on. This has two results: authors wasting their time with designs; and a lot of badly designed documents!

LaTeX is based on the idea that it is better to leave document design to document designers, and to let authors get on with writing documents. So, in LaTeX you would input this document as:

```
\documentclass{article}
\title{Cartesian closed categories and the price of eggs}
\author{Jane Doe}
\date{September 1994}
\begin{document}
  \maketitle
  Hello world!
\end{document}
```

Or, in English:

- This document is an article.

# Certificate Samples:



VARDHAMAN COLLEGE OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Two day workshop on TECHNICAL MANUSCRIPT

PREPARATION WITH LATEX

CERTIFICATE OF PARTICIPATION

THIS IS TO CERTIFY THAT Mr./Ms. Dr. Ashwani Kumar

*for attending in two day workshop TECHNICAL MANUSCRIPT PREPARATION WITH LATEX*

*at Vardhaman College of Engineering. During 12th-13th March 2019*

Dr. S. SAI SATYANARAYANA REDDY
PRINCIPAL
VARDHAMAN COLLEGE OF ENGINEERING

Dr. M A JABBAR
IEEE COMPUTER SOCIETY
IEEE HYDERABAD SECTION

Dr. ASHWANI KUMAR
CONVENOR
(DOMAIN-HEAD)
CENTRE FOR IMAGE PROCESSING

A Talk on Human Robot Interactions for Enhanced Perception and Social Wellbeing by

Dr. Devid Jenkins

# VARDHAMAN COLLEGE OF ENGINEERING

**(AUTONOMOUS)**

Shamshabad– 501 218, Hyderabad

**Seminar on**

**HUMAN – ROBOT INTERACTIONS FOR ENHANCED PERCEPTION AND SOCIAL WELL BEING**

**By Dr. David Jenkins (The Institute of Engineering and Technology (IET))**

**28-02-2019**

| S. No | Name of the Student | Roll No | Branch | Signature |
|-------|---------------------|---------|--------|-----------|
| 1. | R. Varshini | 16881A04G8 | ECE | |
| 2. | R. SINDHUJHA | 16881A04HD | ECE | |
| 3. | N. Pooja Reddy | 16881A0499 | ECE | |
| 4. | K. Sruthi | 16881A0456 | ECE | |
| 5. | G. Bhavya | 16881A0424 | ECE | Bhavya |
| 6. | G. Pooja | 16881A0418 | ECE | Pooja |
| 7. | S. Mamatha | 16881A0450 | ECE | Mamatha |
| 8. | P. Gayathri | 17881A08D5 | MECH | Gayatri |
| 9. | P. Pratyusha | 17881A0330 | Mech | Pratyush |
| 10. | B Ashwitha | 16881A1268 | IT | Ashwitha |
| 11. | Divya vani | 16881A12A1 | IT | Divya |
| 12. | Harshitha | 16881A1299 | IT | Harshitha |
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| 15. | V. Niharika | 16881A05H1 | CSE | |
| 16. | S. Bharghavi | 16881A0244 | EEE | S. Bharghavi |
| 17. | G. Nikhitha | 16881A0220 | IT | |
| 18. | M. L. Prasonno | 16881A1224 | IT | M.L.Prasn |
| 19. | R. Anusha | 16881A1240 | It | Anusha |
| 20. | P. Jashwanth | 16881A1933 | IT | Jashwanth |
| 21. | R. Akash | 16881A1238 | IT | Akash |
| 22. | A. Ashritha Reddy | 16881A030L | MECH | |
| 23. | Y. Arani | 16881A0353 | MECH | Arani |
| 24. | Nikhil Patli | 17881A0323 | MECH | |
| 25. | A. Ravi Teja | 17881A0335 | ME | |
| 26. | K. Nikhitha | 16881A0222 | EEE | Nikhitha |

# VARDHAMAN COLLEGE OF ENGINEERING

(AUTONOMOUS)

Shamshabad– 501 218, Hyderabad

Seminar on

## HUMAN – ROBOT INTERACTIONS FOR ENHANCED PERCEPTION AND SOCIAL WELL BEING

By Dr. David Jenkins (The Institute of Engineering and Technology (IET))

**28-02-2019**

| S. No | Name of the Student | Roll No | Branch | Signature |
|-------|---------------------|---------|--------|-----------|
| 1. | B. Sahithi | 1788IA0932 | ECE | |
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| 4. | K. Samyuktha | 17881A05A1 | CSE | |
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| 6. | B. Tejaswi | 17881A03B0 | Mech | |
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| 8. | A. RISHITHA | 17881A0528 | CSE | |
| 9. | V. SAI SWETHA | 16881A03A6 | MECH | |
| 10. | M. Jahnavi | 16881A0388 | MECH | |
| 11. | J. Hrudaya | 17881A04K2 | ECE | |
| 12. | K. Durgalaxmi | 17881A04KO | ECE | |
| 13. | M. Vaishnavi Reddy | 17881A04B3 | ECE | |
| 14. | Bazeqna Fatima | 16881A05J6 | CSE | |
| 15. | S. Sunayana | 16881A05N9 | CSE | |
| 16. | K. Sai Krishna | 17881A0435 | ECE | |
| 17. | E. Rishi Kiran | 17881A0431 | ECE | |
| 18. | G. Nikhil | 17881A0488 | ECE | |
| 19. | K. Hanumanth Reddy | 17881A0474 | ECE | |
| 20. | D. Shrunikesh | 17881A04A4 | ECE | |
| 21. | P. Rohith | 16881A0449 | ECE | |
| 22. | S. Kalyan | 16881A0454 | ECE | |
| 23. | A. Durga prasad | 16881A05C9 | CSE-C | |
| 24. | R.S. Harsha | 16881A05D1 | CSE-C | |
| 25. | R. Sai Sravan Kumar | 16881A0395 | ME-B | |
| 26. | C. Dinesh Chandra | 16881A0368 | ME-B | |
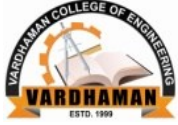
# VARDHAMAN COLLEGE OF ENGINEERING
## (AUTONOMOUS)
### Shamshabad – 501 218, Hyderabad

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### Indo-Israel Space-Tech Leadership Programme-Israel Visit, 10-15 Feb 2019

A new paradigm of student satellite development programme/s on the foundations of experiential learning, backed by veteran collaborators is envisioned by this program. The consortium gave the best available expertise across cross-border technologies required to identify a path-forward for small satellite development missions by Indian academia.

Globally, Israel has been a pioneer in developing and successfully launching student-built satellites into orbit. The visit to Israel has given a perspective of space technologies developed by the institutes/universities of that country, and facilitate participants to establish similar such successful satellite missions.

This exploratory visit to Israel facilitated interaction with Israeli organisations which are into space technologies including successful student satellite development and launch. The visit gave insights that include a comprehensive understanding of the student satellite development life-cycle, the associated best practices, networking opportunities with experts and exploring funding opportunities.

The detailed program schedule is attached. The report on each day of the visit is given below.

**Day 1**: **Arrival from Airport to Grand Beach Hotel in Tel-Aviv, 9.00pm**

**Day 2: Conference at the Hotel (9.00am to 12.00pm), Industrial Visit to Elbit Systems (2.00pm - 4.00pm)**

*Session 1:* ISA collaboration with international space agencies by Leo Vinovezky, Director of Department-Incharge of external relations and international collaborations, Ministry of Science and Technology, Israel Space Agency (ISA). Brief talk on where ISA is today in collaboration with big players in space agencies all over the world including ISRO.

Key points discussed:
1. System hierarchy in Ministry of Science and Technology, ISA

2. Main Objectives of ISA

- ➔ Supporting the space industry
- ➔ Positioning Israel's Global Status
- ➔ Expand basic research and infrastructures
- ➔ Education and community outreach
- ➔ International Collaborations

***Session 2: Creativity and Innovation in Israeli Space Program – Past, Present and Future by Prof. Chaim Eshed.***

An elaborate talk by Prof.Eshed. He is the founder of space program in Israel. He shared few challenges encountered from his time in military service, in keeping his ideas into actions, from developing Ofeq satellites which is of size of a refrigerator to Nano satellites. Shared few technical details in developing basic satellite. And Israel Space journey from 1967 till today.

Key Points discussed:

- ➔ There is no formula for creativity, a brilliant lead is required to achieve technological breakthroughs (In academia the bright minds turn creativity into science. In industry they turn creativity into money)
- ➔ The world of technology is becoming chaotic and therefore requires continuous technological and organizational intelligence as well as social intelligence (after all we all are social beings)
- ➔ The Israeli eco-system, which has explosive thinking, daring and ethics, creates added value in the global technology
- ➔ We need to know how to let go of existing technology in time (be free of intellectual convictions) and look five and ten years ahead while examining trends in the world.
- ➔ The creativity of the leaders should be encouraged and not be discouraged by the organization (a common autoimmune disease of organizations!)
- ➔ The technological trend today is "wisdom of the crowd" which means: Artificial Intelligence/ Deep Learning, New Space, Robotics etc.

*Session 3: Nano satellites Development Project by EladSagi, Systems Engineer working in Herzliya space center*

Key points Discussed:

➔ System Engineering involved in Satellite development (V-Model)
➔ Simplified Project Life Cycle -NASA and ESA
➔ Typical Project Life Cycle consisting of
    1. Phase 0-Mission analysis/needs identification
    2. Phase A- Feasibility Phase
    3. Phase B-Preliminary Definition
    4. Phase C-Detailed Definition
    5. Phase D-Qualification and Production
    6. Phase E-Utilization
    7. Phase F-Disposal



*Phase 0-Mission analysis/needs identification*

Defines the mission need and examines the proposed mission's objectives and the concept for meeting those objectives.

MRR (Mission Requirements Review) affirms the mission need and examines the proposed mission's objectives/ Requirements and the concept for meeting those objectives.

### *Phase A- Feasibility Phase*

Systems requirements definition and first design concept which complies with the requirements.

- Preliminary concept design

- Technical requirements specification

- Selection of system and operations concept

### *Phase B-Preliminary Definition*

Definition of sub-systems which comply with system requirements

*PDR* (Preliminary Design Review) - the verification of the preliminary design of the selected concept and technical solutions against project and system requirements.

### *Phase C-Detailed Definition*

- Completion of detailed design

- Completion of system budget analysis

- Detailed definition of interfaces (internal and external)

- Completion of assembly, integration and testing planning

*CDR* - Critical design Review – The goal of the review is to analyze the detailed system definition at system level and that the system complies with requirements.

### *Phase D-Qualification and Production (Part 1)*

- SW development

- Assembly of flatsat

- Assembly and integration at sub-systems level (SW and HW)

- Assembly and Integration of S/C

- At System level

- Full Functional tests

- "Test as you fly" - S/C with Ground Control station

*IRR* – Integration Readiness Review – The goal of the review is to assure that:

The integration plan is detailed, accurate and adequate for the system

That the support equipment and infrastructure is appropriate for the integration process

### *Phase D-Qualification and Production (Part 2)*

> The goal of the test is to prove that the S/C can with stand the launch and Space conditions

- vibration

- Backout and thermal vacuum

- Thermal balance only for PFM (optional)

  *TRR* –Testing Readiness Review - The aim of the Review is to assure that the:

  > S/C is complying with the requirements and is ready for the tests

  > That the testing plan is final and complies with the testing requirements

  *LRR* – Launch Readiness Review – To assure that the S/C is proven and complies with all the launch requirements

### *Phase E-Utilization*

- Launch of Spacecraft

- Operation in Space

  First acquisition of S/C

  IOT – In Orbit Testing and S/C qualification

  Routine monitoring and controlling of S/C



1.00pm – 2.00pm Lunch at Arcaffe

*Session 4: Industrial Visit -Elbit Systems ( 5 Hamada ST, Rehovot)*

Elbit Systems design and manufactures electro-optic-based solutions for space, air, land and sea applications. Its electro-optic products include laser and thermal imaging systems, head-up displays, countermeasure systems and ISR systems, including payloads for space, airborne, naval and land-based missions. The products in this area also include ground integrated sights and homeland security solutions. Manufactures high resolution cameras that serves satellite imaging purposes.

**Mr. ArieLeizer, Manager – System Engineer Group Manager,** He gave a brief introduction about Elbit Systems which is a leading technology for Defense for homeland security and commercial applications.

Business Areas:

➔ Defense, Air bourne and simulations
➔ Counter measure systems
➔ Cyber Solutions
➔ Combat Vehicles
➔ Communication systems
➔ Training and Simulations
➔ Multi Domestic Company

Had an elaborate lecture on high spectral resolution cameras used for satellite applications for land and oceans-SHALOM. The design, manufacturing process, levels of testing in the presentation. We visited **Daniel laboratory**, where we saw Thermal Vacuum Chamber, Clean Room, Sample Satellite Telescope (Jupiter and Neptune)

Then the day ended with visit around the cities *Tel Aviv and Jaffa.*
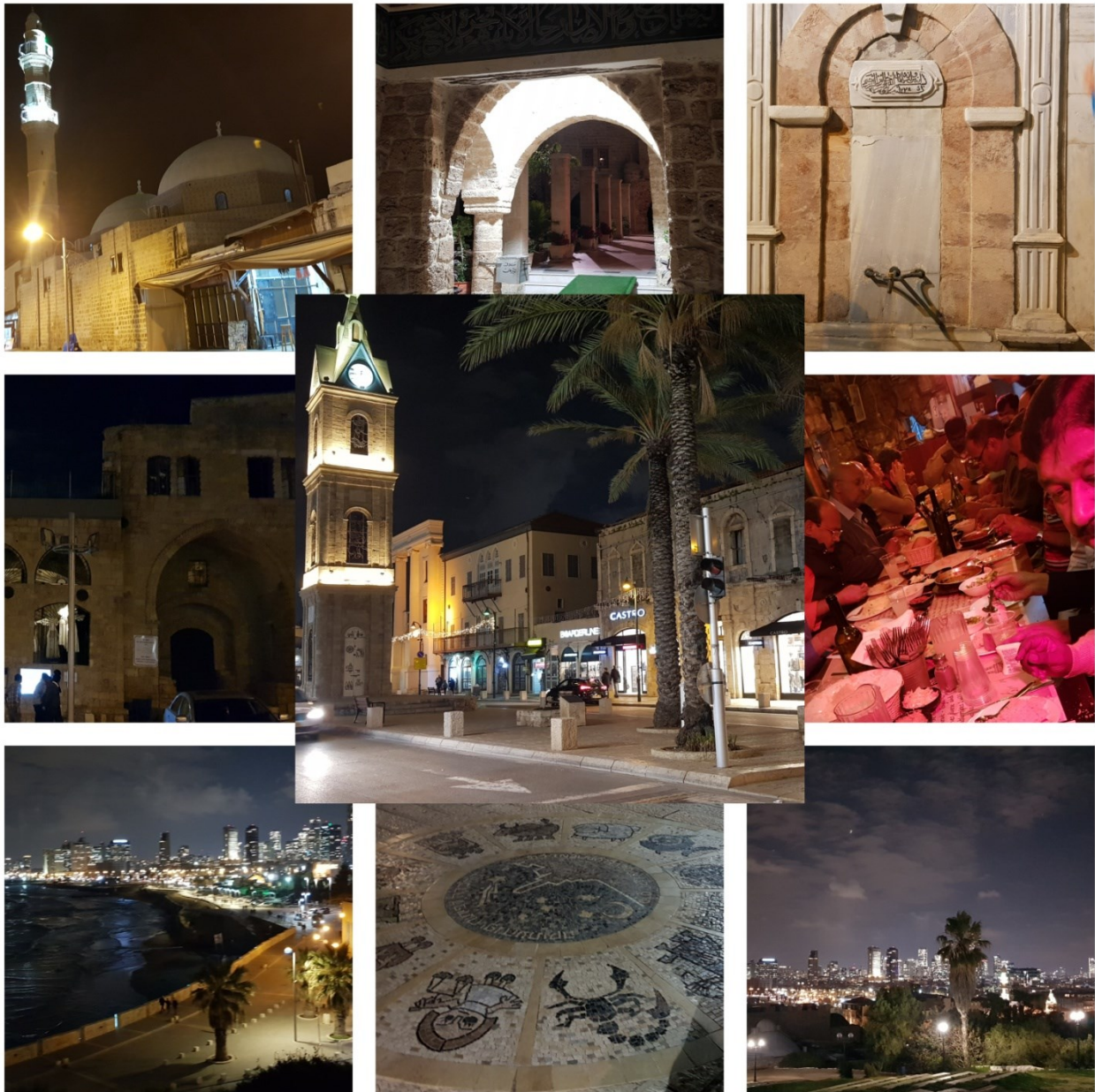


## *Day 3 – Tel Aviv University Visit*

Tel Aviv University is the biggest university in Israel, which has following departments.

- Department of exact sciences (Includes Physics, Mathematics, Chemistry and Computer Science)
- Department of Environmental and Earth Science
- Department of Material Science
- Department of Computer Science and Engineering
- Department of Electrical and Electronics Engineering
- Department of Electronics and Communication Engineering
- Department of Mechanical Engineering

They took us on a University Tour to all departments. We visited the Classrooms and Laboratories. Had guided tour of the University. Showed us different departments and ongoing interdisciplinary research works, tour of sophisticated lab facilities particularly in physics department (atomic, nuclear research lab, nano-femto lab) and environmental science building.
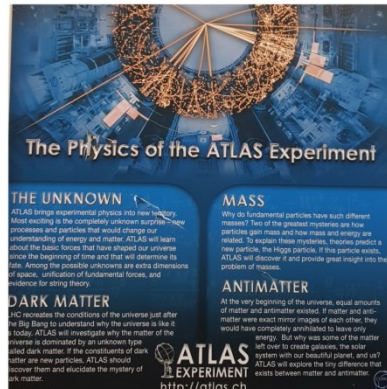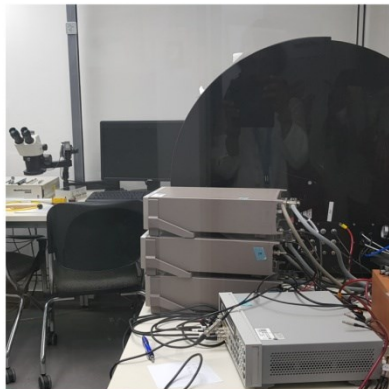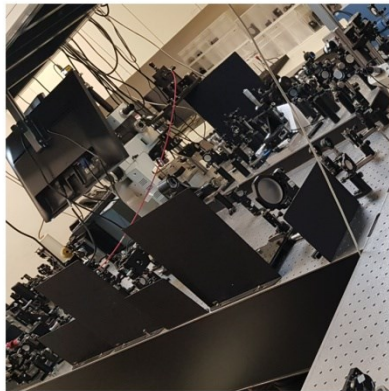
**Porter School of the Environmental and Earth Sciences** is the only building in the entire Israel which is constructed environmental friendly. It has natural lighting, natural air conditioning, dark water (which is sewage water) purifier and used for irrigation purpose, desalination of sea water for drinking purpose etc. We spend more time in Environmental and Earth Science. Two major projects initiated by the environmental Science department are

- ✓ **Green Roof** – It reduces Temperature of the building, absorbs noises , radiation and rain water also we had a chance to look at the vegetation planted on the roof of the building
- ✓ **Water Recycling** – They recycle water sewage from hand wash and dish washer to vegetate the green roof and other plants that grows in the university premises.

Finally we had a presentation on Environmental Innovations to solve Global Solutions by **Prof. Colin Price, Porter School of the Environmental and Earth Sciences**

He gave a brief introduction on Nature Ventilation, Passive Design, Water recycling, Solar tube technology, Sustainable Development Goals- 15 years

Purpose of Satellite Launch - Areas to be considered

- ➢ To monitor refugee and Management
- ➢ To monitor air pollution
- ➢ To monitor deforestation, oil spills
- ➢ Urbanization (water resources and population)
- ➢ To study space weather
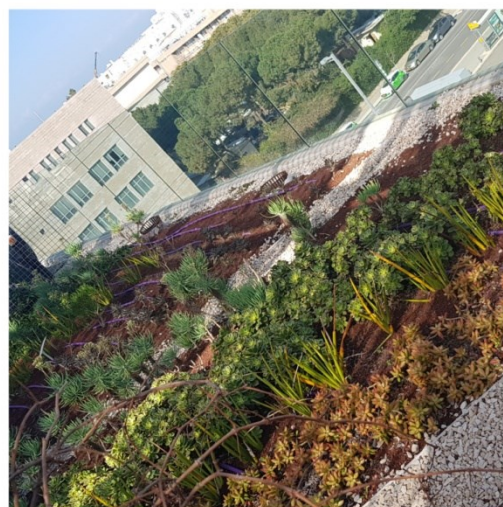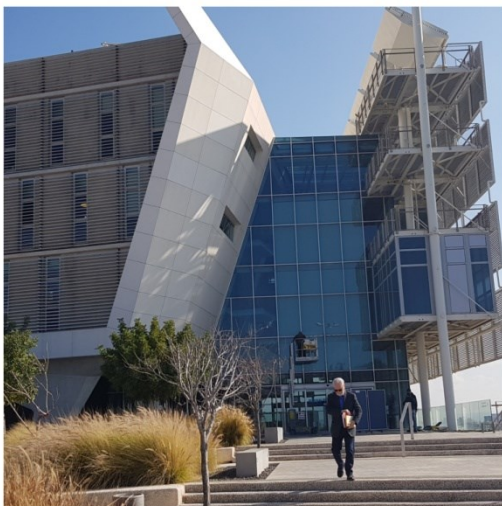
After the visit to Porter School of the Environmental and Earth Sciences, we had lunch at university cafeteria and headed to the holy place Jerusalem.

***Day 4 – Asher Space Research Institute (10.00am-12.00pm), Technion University (1.00pm-2.30pm), Ramon Chips (2.30pm-4.00pm), Herzliya Science Centre (5.00pm-6.30pm)***

***Session 1: Application of Nano devices for Nano satellites by Prof. Giora Shaviv***

On the Third day we were at **Technion university** visit. One of the top institutes in the world, and first institute in Israel with engineering discipline. They do leading research in all Engineering fields. Whereas the other university, Tel Aviv has many schools apart from school of Engineering. The university has three noble laureates from the same university. It has distinguished space research centre. And very senior **Prof. Giora Shaviv**, has given a lecture on Nano devices for Nano satellites.

***Session 2: Asher Space Research Institute-Activities by Prof. Pini Gurfil***

Another lecture by Prof Pini Gurfil on integrated parts involved in satellite and different architectures, models in different stages of development. It was good to hear about Space studies program they conduct for international students and short campus tour, followed by lab visits in space center, Vacuum chamber for testing, clean room, small prototype models developed.

**Laboratories at Technion University**



**Technion and Asher Space Research Center**
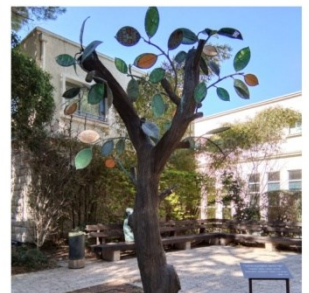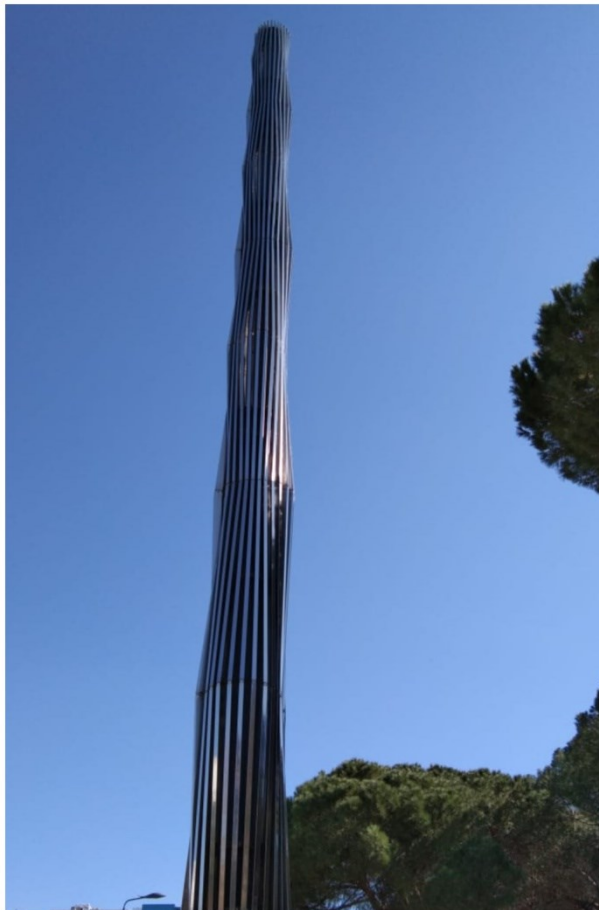
We were at **Ramon chips** a leading industry which supplies chips and processors that are exclusively used for satellites.
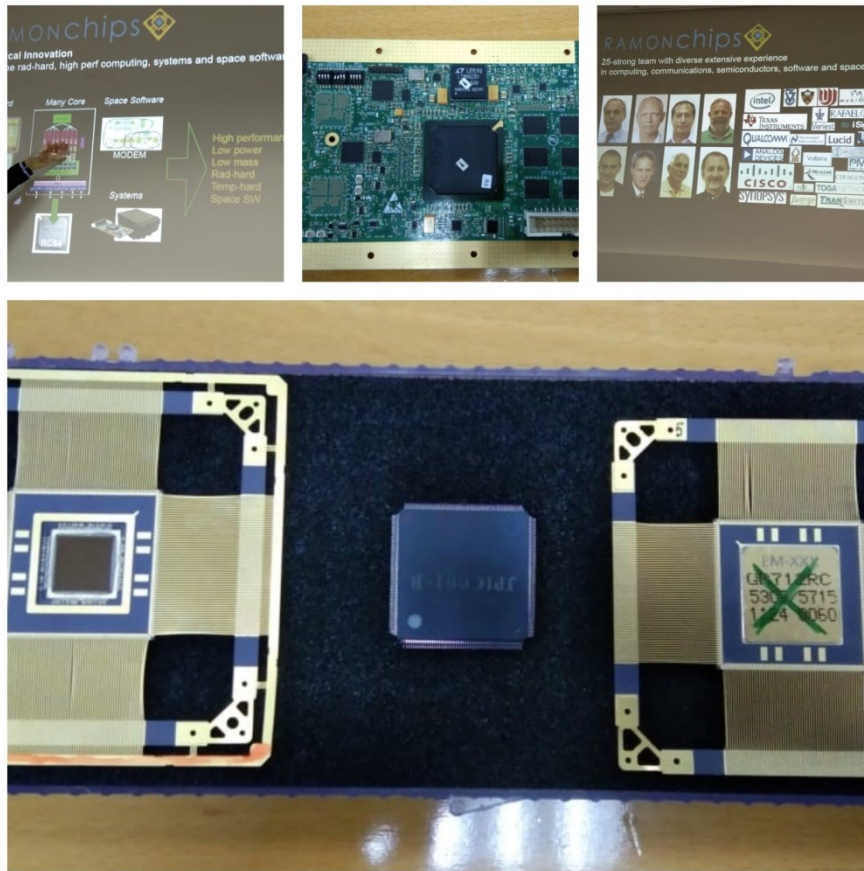






**Herzliya space center** is a center for student satellites development where in school children from different schools get together and develop nano satellites Duchifat-1 which is 1U successfully launched as first student satellite from Israel. And Duchifat-2 was launched successfully and worked for 4 years. Now the students are developing Duchifat-3. They gave excellent presentation on their project and experiences. Israeli schools made satellite training subjects as a part of the curriculum. Students told us that, during their childhood most of the children has this dream of making satellites. And by the time they were at 8th standard, they start building the successful satellites. It was a wonderful experience talking with those children. We had glimpse of very small size ground station and clean room which is shown below for their satellite projects. And Prof. Miere who is the main

person coordinating from Israel side assured that they will provide entire technical support in every step right from training to establishing labs.

And after the school student presentation, there was 30 min presentation by one of the three founders of a small sized space company called SpaceIL. Initially they started as non-profit volunteering organization that promotes science to the public especially space science. So, there was once this competition conducted by Google space and many teams all over the world participated in it including India along with these three guys who were just about to finish their graduation. Their challenge is towards mission to moon. Google has to sponsor the project if gets selected and somehow time went on no one submitted their actual working model on time and Google left them from the challenge without funds. But these three guys founded SpaceIL and kept working towards the moon mission. They raised money from big donors in Israel. The total money they raised is 700 crores. Now, they are ready to land an unmanned rover onto moon, within next 6 days as dated on 13th Feb 2019.



**Clean Room facility at Herzliya Space Center**

These talks, lectures, and experiences gave much insight to the satellite project. Meanwhile we got some information about Indo Israel Mission 2022 from Dr. Gopala Krishnan. Later we had free night to visit streets of Tel Aviv and dinner at Tandoori, an Indian restaurant.

*Day 5 - (9.00am to 12.00pm) – Visit to Ben Gurion University of the Negev, Inspiration meets Excellence, Green house and hydrophonic cultivation*

**Ben Gurion University** is the fast growing research university in Israel. It has 20,000 students, 4000 faculties and which has following departments.

- Department of Engineering science
- Department of Health Science
- Department of Natural Science
- Department of Social science and Humanities
- School of Medicine

**Prof. Dan Blumberg** gave a brief introduction about Ben Gurion University and introduced few faculty members. He presented on distinguished fields of research, small satellites launch by different faculties (from senior professor to PhD student) He also explained more about Robotics, Nano technology, Cyber security, Bioinformatics, Biotechnology and Information Technology and Communications.



Ben Gurion University is a partner in initiative and establishment of Advanced Technologies park-Hi – Tech and Biotechnology Park located next to the Marcus Family Campus, where students get an opportunity to get hands on experience while doing their graduate studies. He spends his time to and fro in the campus and IT park.

They took us on a University Tour. We visited ILSE KATZ Institute for Nano scale Science and Technology within the same campus, where we had a chance to visit optics lab ongoing research involving spectrometers for small satellite cameras.

Later, upon our request, they arranged a short visit to the **hydroponic cultivation** discovered by Israelis. They explained how the technology is used for cultivating green vegetables in an organic way. The process involves, small size packed seed inserted soil bed dipped in just sufficient water containing well programmable controlled pesticide and other minerals required as per the plant requirements. The plant requirements are also can be programmed like our hybrid quality vegetables. The water and the plants are placed on very long plant carriages in rows n columns at certain height not on ground for easy removal once the plants are grown.

Finally we had a conclusion meeting of the program. MAZ investment Ltd. Israel, are ready to lend us loan and can start the process immediately best before March. Once the paper work is done, the program starts immediately aiming to complete by 2022.

*Presentation of Memento and Participation certificate at Ben Gurion University*

### Classification/Category of Satellites
a) Minisatellite (100–500 kg)
b) Microsatellite (10–100 kg)
c) Nanosatellites (1 -10 kg)
d) Picosatellites (100 gm-1 kg)
e) Femtosatellites (10-100 gm)

### Proposed Plan of Action
a) Selection of Payload (Novelty)
b) Payload Design and Development
c) Payload Integration
d) Mission Software Development (Programming)
e) System-Level Testing

## Major Components of Satellite Project and Agencies to be Identified for the following:
- Payload development
- Built-to-print of flight hardware
- Environmental test services
  -Vibration testing
  -Mechanical shock testing
  -Mass properties measurements
  -Thermal vacuum testing
  -Thermal cycling
  -EMC testing
- Technical consulting on Small Space Missions

## Standardized Training Options
- Space Systems Engineering Training
- CubeSat Mission Design and Development
- Spacecraft Operations
- Dedicated Training Hardware Solutions

## Development Programmes (also to maintain or further develop their position in the space domain.)

- Tailored programmes based on our needs
- Coaching and support to faculty/student specialized teams
- Support in establishing local labs and facilities
- Options for on-the-job training at Space Industries/Institutions

## APPLICATION AREAS:

1. *Earth Sciences: Nanosatellites for better understanding of our own planet*
2. *Ship Tracking Services: Near real time vessel tracking using satellite-AIS*
3. *Aircraft Tracking: Keeping track of aircraft on a global scale using ADS-B*
4. *Space Research: Small scale astronomy and exploration missions*
5. *Climate Monitoring: Network of satellites to monitor climate change*
6. *Earth Observation: Provide real-time imaging capability with satellite swarms*
7. *Agriculture Monitoring: Improve crop production using remote sensing data*

8. **Microgravity Research:** *Use the space environment to gain new insights*
9. **Pipeline Monitoring:** *Monitor critical infrastructure using satellites*
10. **Signal Intelligence:** *Use small satellites to ensure the security of our nation*
11. **Education and Training:** *Train the next generation scientists & engineers*
12. **Telecommunications:** *Provide global connectivity using small satellites*
13. **Technology Validation:** *Test your latest technologies onboard a small satellite*

**Funding Models/Agencies:**
***Banking/Non Banking Institutions from Israel and/or Self Supporting by Host Institutions***
*Note: In case of funding @2-3% Annual Interest for 5-10 year period, concerned borrower institutions will provide collaterals as per norms of funder(s)/funding agencies.*

| Major Components | Approx Budget in Rs. | Remarks |
|---|---|---|
| a) CubeSat and Nanosat/Picosat Missions: *Antenna Systems, Attitude Control Systems, Communication Systems, Command Data Handling Systems, CubeSat Structures, Solar Panels* | 70-100 Lacs | *2-3 Year Duration to Launch* |
| b) CubeSat Platforms | | |
| c) Payload Development and Integration | | |
| d) Training and Mentoring Sessions | 25-50 Lacs | |
| e) Internships and Exchange Programmes | | |
| f) Launch Services | 15-25 Lacs | |
| g) Ground Stations | 50-75 Lacs | |
| h) Commissioning and Operations Support | 15-25 Lacs | |
| i) Publications/Promotions and Participation in Events/Conferences | 5-10 Lacs | |
| j) Travel and Secretarial Assistance and Coordination/Project Monitoring | 15-25 Lacs | |
| k) Contingency @ 10-15% as per Project Cost | 5-20 Lacs | |

**Average Project Cost per Satellite: Rs. 2 Cr to 3.5 Cr**

*Conclusion:*
    The Indo Israel Space tech Leadership Programme has been well organised by ITCA, India as well as Israel Programme directors. We came to know about Israel Space Agency in the world on par with other international space agencies and its collaborations with big players like NASA, ESA, ISRO etc. and various industries. Visits of Tel Aviv, Technion and Ben Gurion Universities facilitated meetings with world's renowned emeritus Professors and their ongoing multi-disciplinary researches, well equipped sophisticated laboratories. We gained a brief knowledge on developing Nano satellites. The industrial visits made us understand the Israeli industrial standards, precision and accuracy of developing and manufacturing of any products such as high resolution spectral cameras, on board processors chips etc. used for Nano satellites. We gained good networking with Israeli Space Technologists, scientists, and highly qualified Professors and industrialists. The overall trip created a friendly relationship with Israel coordinators and also among various institutes who have participated in this delegation.

*Acknowledgements:*

    I sincerely thank Dr.Vijayender Reddy, Chairman, Dr. Sai Satya Narayana Reddy, Principal, Mr. Hanuman Reddy, Head of Administrative Office, Prof. Y. Pandurangaiah, HOD, ECE Dept. Vardhaman College of Engineering, Dr.MallikarjunBabu, for giving me this opportunity to lead Vardhaman Student Satellite project and sending me to Indo Israel Space Tech Leadership Programme to gain insights into the project. I personally thank programme directors, Dr. K. Gopala Krishnan, Secretary General, ITCA, Dr. Meir Ariel Director, Nano satellite Center, University of Tel Aviv, Israel, Mr. AkibaPenkar, Director, TMISAT, Israel for well organisation of the programme and making it success.

*Outcomes achieved:*

- Understanding the feasibility of the projects
- Overview of Life-cycle of Student Satellite Development
- Best Practices in successfully developing Student built Satellites
- Networking opportunities with Israeli Space experts
- Professional engagement with Israeli Space -Tech Organisations.

<div align="right">

Report by
**Dr. Sulakshana Chilukuri,**
Associate Professor,
Department of Electronics and Communication Engineering,
Vardhaman College of Engineering.
Email: sulakshana.chilukuri@ieee.org
Alternate Email: sulakshana@vardhaman.org
Mobile: +91-9398105540

</div>

**A Talk on How to Publish Paper in Reputed Journals and Conferences**

**Outcome Based Education**

# VARDHAMAN COLLEGE OF ENGINEERING

**(AUTONOMOUS)**

Shamshabad– 501 218, Hyderabad

**One Day Workshop on**

**Outcomes-Based Education (OBE)**

04-06-2019

| S. No | Name of the Faculty | Branch | Signature |
|-------|---------------------|--------|-----------|
| 1. | Vivek Kulkarni | CSE | |
| 2. | Dr KVP Chakradhar | ME | |
| 3. | Dr. T. Vijay Bahu | ME | |
| 4. | Dr. Mukul Shrivastava | ME | |
| 5. | Dr. G. Partha Sarathi | ME | |
| 6. | P. SATYANARAYANA RAJU | ME | |
| 7. | Dr. K. Venkataraman | EEE | |
| 8. | Dr. N Kaasuppiah | EEE | |
| 9. | K. Santosh Reddy | H&S | Reddy |
| 10. | SP KISHORE | H&S | |
| 11. | C. Tirna Reddy | H&S | |
| 12. | Dr. R. Lalu Naik | IT | |
| 13. | Dr. T. Raghunadha Reddy | IT | |
| 14. | Dr. pradeep. k | Civil | |
| 15. | Dr. M. vishnu Vardhan | ME | |
| 16. | K. Sairam | ME | |
| 17. | Y. Prakash | MBA | |
| 18. | C. GANESH | MBA | |
| 19. | G. Srikanth Reddy | IT | |
| 20. | K. Anvesh | IT | |
| 21. | E Ravi Kumar | IT | |
| 22. | G. Suresh Kumar | MBA | |
| 23. | G. RAMESH | MBA | |
| 24. | M. Venu | civil | |
| 25. | K. Srinivasa Ra. | CSE | |
| 26. | M. Siddhartha | H&S | |
| 27. | Dr. A. KISHORE KUMAR | H&S | |
| 28. | Dr. S. SIDHARTH | CSE | |
| 29 | S.K. LOKESH Naik | CSE | |
| 30 | Dr. N Ramakrishnaih | MBA | |
| 31. | G. Ravi kumar | H&S | |

| S. No | Name of the Faculty | Branch | Signature |
|---|---|---|---|
| 28. | Dr. S. Shashi Devi | H&S | |
| 29. | K. Mamatha | H&S | |
| 30. | V. Kavitha | H&S | |
| 31. | Dr. Seema | H&S | |
| 32. | Dr. K. Pooja | H&S | |
| 33. | V. Priyanka | H&S | |
| 34. | Durgasilakshmi. Hari | CIVIL | |
| 35. | Srujana N | CIVIL | |
| 36. | M. Harika | Civil | |
| 37. | P. Sravani | civil | |
| 38. | Dr. K. Dhana Sri | IT | |
| 39. | K. Ashwini | ECE | |
| 40. | P. Mauvitha | IT | |
| 41. | K. NIKHILA | IT | |
| 42. | Sheena Mohammed | IT | |
| 43. | Surya Prabha. I | IT | |
| 44. | D. Naga Jyothi | ECE | |
| 45. | A. Vijaya Lakshmi | ECE | |
| 46. | Fatima unnisa | EEE | |
| 47. | K. Haleema | EEE | |
| 48. | C. Satya Kumar | CSE | |
| 49. | Dr. N ANIL KUMAR | IT | N. Anil Kumar |
| 50. | Dr. Ramesh Karmati | IT | K lang |
| 51. | SAI KRISHNA M | CSE | |
| 52. | R. Anilcumar | IT | |
| 53. | M. Parameswar | IT | |
| 54. | U. PRANAVI | ME | |
| 55. | K. Jaahnavi | MBA | |
| 56. | Dr. M. Bhavani | MBA | |
| 57. | M. Gopikrishna | ECE | |
| 58. | K. Vijaya Babu | ECE | |
| 59. | N Madhu | ECE | |
| 60. | N. Nagaraju | ECE | |
| 61. | Dr. Hathiram Nenavath | ECE | |
| 62. | S. Sreenu | ECE | |
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| 64. | Dr. B chandra Sekhar Rao | H&S | |
| 65. | Dr. P. Indira priyadarsini | IT | |
| 66. | Dr. D. Vaishnavi | CSE | |
| 67. | S. Shobarani | CSE | |
| 68. | Shravan Kuma | CSE | |
| 69. | Dr. ASHWANI KUM | CSE | |
| 70. | S. SRINIVAS | ECE | |
| 71. | Dr. M. NARESH kumar | ECE | |

## REGISTRATION FEE

| | |
|---|---|
| Industrial Participants | : Rs. 2000/- |
| Faculty Members | : Rs. 1500/- |
| PG Students | : Rs. 1000 /- |

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**Mr. S Siddhartha**
Assistant Professor
Tel : +91 9932559992

**Mr. CH Kireety**
Assistant Professor
Tel : +91 8341355632

For registration and detailed schedule please visit
*www.vardhaman.org*
For any queries please mail to
*eventz.civil@gmail.com*

## ORGANIZING COMMITTEE

### CONVENER

| | |
|---|---|
| **Dr. G Mallikarjuna Rao** | **HOD** |
| **Dr. Pradeep Kankeri** | **Associate Professor** |

### CO-CONVENERS

| | |
|---|---|
| **Mr. B Chandra** | **Assistant Professor** |
| **Mrs. P Sravani** | **Assistant Professor** |
| **Ms. V Renuka** | **Assistant Professor** |
| **Mrs. H. Durga Sri Lakshmi** | **Assistant Professor** |

### ADVISORY COMMITTEE

| | |
|---|---|
| **Dr. G.V.K Reddy** | **Professor** |
| **Dr. Dharmesh lal** | **Assistant Professor** |

### COORDINATORS

| | |
|---|---|
| **Ms. Y Pavani** | **Assistant Professor** |
| **Mr. Sabbani Raghu** | **Assistant Professor** |
| **Mr. CH Kireety** | **Assistant Professor** |
| **Mr. J Rohan Reddy** | **Assistant Professor** |
| **Ms. T Bhavani Chowdary** | **Assistant Professor** |
| **Ms. J Teja** | **Assistant Professor** |
| **Mr S Siddhartha** | **Assistant Professor** |

**San the below code for FDP website**

How to Reach Vardhaman: Reach Shamshabad BUS COMPLEX - Take a right turn following bus complex (Towards Shabad) - Travel 8 KM to reach the college.

For details of bus routes please go to: *http://www.vardhaman.org/facilities/transport.html*

ONE WEEK
FACULTY DEVELOPMENT
PROGRAMME
ON

## RAISING AWARENESS ON CONSULTANCY IN CIVIL ENGINEERING

# (RACCE-2018)

### 26th Nov. - 1st Dec, 2018

*ORGANIZED BY*

**DEPARTMENT OF CIVIL ENGINEERING**

**IN ASSOCIATION WITH IQAC**

**VARDHAMAN COLLEGE OF ENGINEERING**
(Autonomous)
Shamshabad – 501218, Hyderabad, T. S., India

**www.vardhaman.org**

**RAISING AWARENESS ON CONSULTANCY IN CIVIL ENGINEERING**

# RAISING AWARENESS ON CONSULTANCY IN CIVIL ENGINEERING
## (RACCE-2018)

**Department of Civil Engineering**
**Vardhaman College of Engineering**

## ABOUT THE COLLEGE

Vardhaman College of Engineering was established in the year 1999 with an endeavour to impart high quality Technical Education and innovative research in the fields of Engineering technologies, with emphasis on industry oriented programs for development of students as well as faculty. Vardhaman College of Engineering is affiliated to Jawaharlal Nehru Technological University (JNTU), Hyderabad, and is approved by the All India Council for Technical Education (AICTE), New Delhi.

The prime objective of Vardhaman College is to update and modernize the quality of professional education. Its aim is to employ innovative teaching methods which carry an emphasis on fast changing technological trends. This is to integrate classroom learning with actual work experience in the industry concerned or in a related professional field in the course of continued march towards excellence. Vardhaman College recently has crossed another milestone of success by emerging as top college in achieving UGC - College with Potential for Excellence (CPE) status out of two Engineering colleges from State of Telangana.

## ABOUT THE DEPARTMENT

The Department of Civil Engineering is established in the year 2009. The department is equipped with well qualified and experienced faculty members, well established laboratories with latest software and advanced equipment as per university norms with an emphasis on practical approach and skills. The goal of the Civil Engineering Department is to prepare students for entry into Civil Engineering profession, and is designed to meet a carefully planned set of educational objectives.

## PROGRAM MILESTONES

The program offers expert talks on consultancy services for the following:

- Materials (Concrete)
- Quantity Surveying
- Good Construction Practices
- Tenders
- Building Bye-Laws
- Transportation Engineering
- Geotechnical Engineering
- Environmental Engineering
- Remote Sensing and GIS

## SPEAKERS

### Academicians

**Dr. N.S.R Prasad, NIRDPR**

**Mr. Kasi Ram, ACC Secretary**

**Mr. Chandramouli, College of Engg. A.N.U**

### Industrialists

**Dr. Vinod, Assistant Manager Highway Department, Aarvee Associates, Hyd**

**Mr. Srinivasa Singh, D.E.E R&B Department**

**Mr. R. Ranga Rao, Head of SL Structural Consortium**

**Mr. Sunil, Structural Engineering & Consultant**

**Dr. D Neela Priya, Sanitation expert & Knowledge Manager , ASCI**

Education breeds confidence. Confidence breeds hope. Hope breeds peace.     -Confucius

<div align="center">

**Report on**
**Faculty Development Programme**
**On**
**RAISING AWARENESS ON CONSULTANCY IN CIVIL ENGINEERING**
**(RACCE-2K18)**
at
**Civil Engineering Department, Vardhaman College of Engineering**

</div>

A one week faculty development programme on **"Raising Awareness on Consultancy in Civil Engineering"** (**RACCE-2018**) was held at Department of Civil Engineering, Vardhaman College of Engineering from 26th November to 01st December, 2018. The FDP is aimed in setting a platform to the academicians, research scholars, Industry experts and students to enrich their long term goals in consultancy services. The main intent to conduct this FDP is to examine mechanisms for bridging the gap between academics, research and consultancy needs.
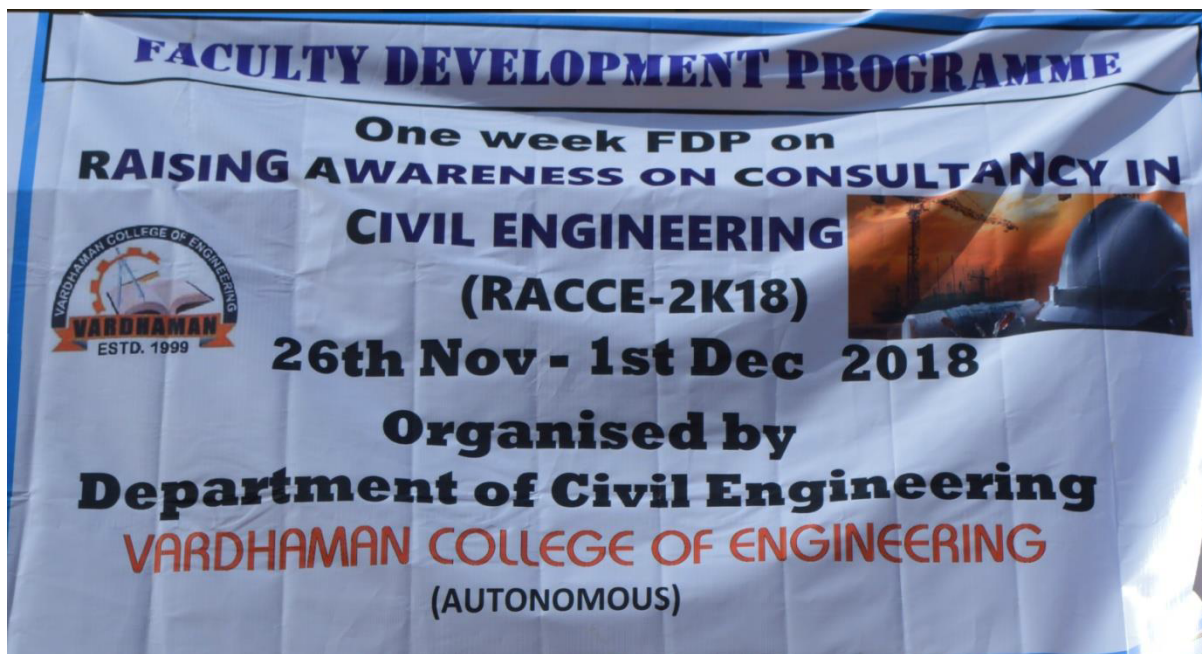


<div align="center">One Week FDP on RACCE-2K18 from 26th Nov-1st Dec 2018</div>

**INAUGURAL SESSION:**
The esteemed personalities present on the inauguration of the programme:

- Dr. Neela Priya Devulapalli, Sanitation and Knowledge Management Expert
- Dr. Sai Satyanarayana, Principal, Vardhaman College of Engineering
- Dr. G. Mallikarjuna Rao, HOD, Department of Civil Engineering
- Dr. G.V.K Reddy, Professor, Vardhaman College of Engineering

FDP started by introducing the guest and followed by lighting lamp by all the respected dignitaries.

Dr. G. Mallikarjuna Rao, HOD of CE welcomed all the respected dignitaries and participants. Dr. Sai Satyanarayana, Principal of Vardhaman College of Engineering appreciated the program organized by CE department in his speech.




Dr. G. Mallikarjuna Rao, HOD of CE welcomed all the respected dignitaries and participants




Dr. Sai Satyanarayana, Principal of Vardhaman College of Engineering appreciated the program organized by CE department in his speech.

## TECHNICAL SESSIONS :

**1st Day (26/11/18):**



Dr. Neela Priya Devulapalli, Sanitation and Knowledge Management Expert, Administrative Staff College of India has delivered a talk on **"Institutional Support & Capacity Building for Operating Environmental Consultancy"** on 26/11/2018.

**2nd Day (27/11/18) Session I:**

Mr. V. V. Rangarao, Design head – SL Structural Consortium has delivered a interactive lecture on **"Consultancy works in Structural Engineering"**.
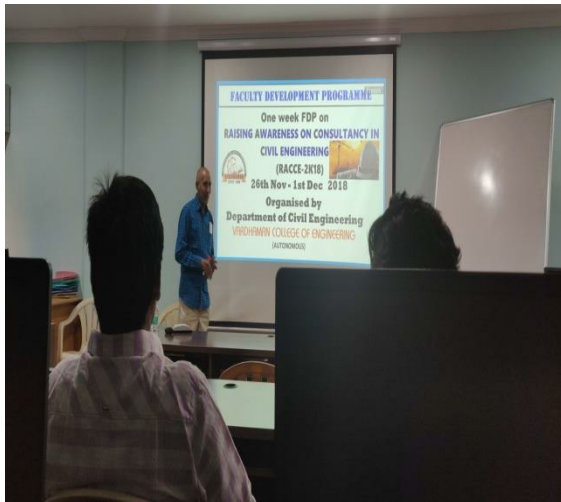


Mr. V. V. Rangarao, Design head – SL Structural Consortium has delivered a interactive lecture on **"Consultancy works in Structural Engineering"** on 27/11/18

**2nd Day (27/11/18) Session II:**

Dr. N.S.R Prasad, Assistant Professor, NIRD-PR has delivered informative lecture on **"Applications of RS & GIS in Civil Engineering".** In this session participants gained the

knowledge about RS & GIS applications and about the tools that allow users to create interactive queries (user-created searches), analyze spatial information, edit data in maps, and present the results of all these operations.





Dr. N.S.R Prasad, Assistant Professor, NIRD-PR has delivered informative lecture on **"Applications of RS & GIS in Civil Engineering"** on 27/11/18.

**3rd Day (28/11/18) Session I:**

Mr. Adepu Kashiram, Chief Consultant, AKR Associates (Structural Engineers, Valuers & Builders), has delivered informative lecture on **"Building Bye-Laws".** In this session participants gained the knowledge about certain rules and regulation framed by a municipal or town planning or urban development board to control the development of area under its jurisdiction.





Mr. Adepu Kashiram, Chief Consultant, AKR Associates (Structural Engineers, Valuers & Builders), has delivered informative lecture on **"Building Bye-Laws"** on 28/11/18.

**3rd Day (28/11/18) Session II:**

Er & Ad P. Srinivasa Reddy, Concrete Rehabilitation Expert, Advocate & Arbitrator has delivered a lecture on **"Management & Legal Issues in Civil Engineering Consultancy"**.
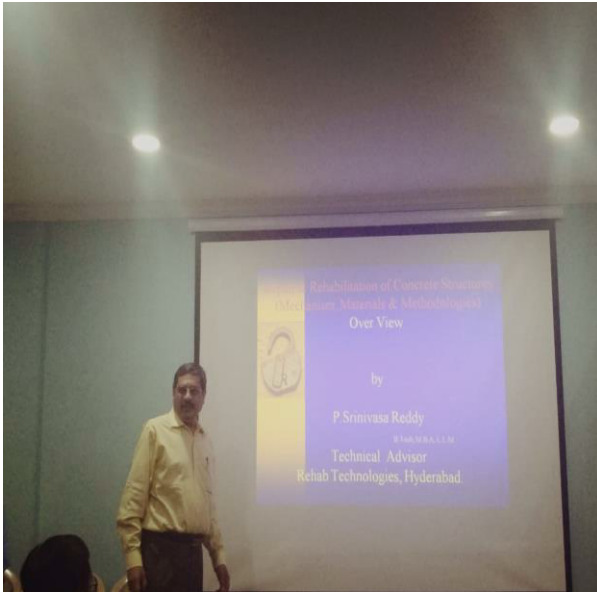


Er & Ad P. Srinivasa Reddy, Concrete Rehabilitation Expert, Advocate & Arbitrator has delivered a lecture on **"Management & Legal Issues in Civil Engineering Consultancy"** on 28/11/18.

**4th Day (29/11/18) Session I:**



Mr. M. Vamshi Raj, Assistant Executive Engineer, Irrigation & CAD Department has delivered a lecture on **"Consultancy Works in Water Resources Engineering"** on 29/11/18.

**4th Day (29/11/18) Session II:**



Dr. A. Vinod, Assistant Manager, Transportation Roads & Bridges Department, Aarvee Associates has delivered lecture on **"Consultancy Works in Transportation Engineering"** on 29/11/18.

**5th Day (30/11/18) Session:**



Mr. D. Chandra Mouli, University College of Engineering, Acharya Nagarjuna University has delivered a informative lecture on **"Quality Control & Quality Assurance in Concrete Construction"** on 30/11/2018.

**VALEDICTORY SESSION:**

The honorable personalities present in this occasion were Dr. N. Darga Kumar, Assistant Professor, Civil Engineering Department, JNTU Hyderabad.

Dr. G. Mallikarjuna Rao, Head of the Department summarized the program. The program was ended with vote of thanks.





Dr. N. Darga Kumar, Assistant Professor, Civil Engineering Department, JNTU Hyderabad was invited for valedictory session on 29/11/18.

**OUTCOME :**

All the sessions were very much informative. The discussed areas are of great benefit for the participants to start their consultancies in civil engineering. This in turn will help in research activity and consultancy works.

**Semester Toppers Certificate Presentation**

# A Guest Lecture Report On "Opportunities in Civil Engineering" dated 20th September 2018

**About the Guest:**

**Shri, Dr. V. S. S. Kumar,** B.E., M.Tech., Ph.D (IIT-D), Post-Doc (USA)
Vice-Chancellor,
JNTU, Kakinada.



Shri, Dr. V. S.S. Kumar, Vice-Chancellor, delivering a Guest Lecture on Opportunities in Civil Engineering

On the occasion of VARADHI event conducted by Department of Civil Engineering, Vardhaman College of Engineering, **Dr. V.S.S Kumar**, Vice-Chancellor, JNTU Kakinada was invited as a Chief Guest. As part of the event **Dr. V.S.S Kumar**, Vice-Chancellor delivered a Guest Lecture on **Opportunities in Civil Engineering** on 20-09-2018.

The students from B.Tech Civil Engineering and Faculty members participated in the Guest Lecture on "Opportunities in Civil Engineering". The speaker explained about the job prospects for civil engineers, career growth opportunities available for civil engineering students and shared various real time issues in the field of civil engineering. The expert speaker mentioned that "More than 70% of the jobs are offered by private companies. They need Civil Engineers with basic degree only. But job proficiency is a must. If you closely observe the job market, you can see that the job requirements are focused on specialized engineering skills such as **Planning Engineer, Project Engineer, Billing Engineer, Quantity Surveyor, Tendering Engineer, QA/QC Engineer** etc based on the nature of the job". Also, explained about importance of competitive exams. Later, students interacted with speaker and clarified their doubts. Students greeted the speaker for sharing his valuable thoughts. Finally, Dr. G. Mallikarjuna Rao, Head of the Department, felicitated the guest speaker.

**One Day Workshop on Scopus Database Usage**
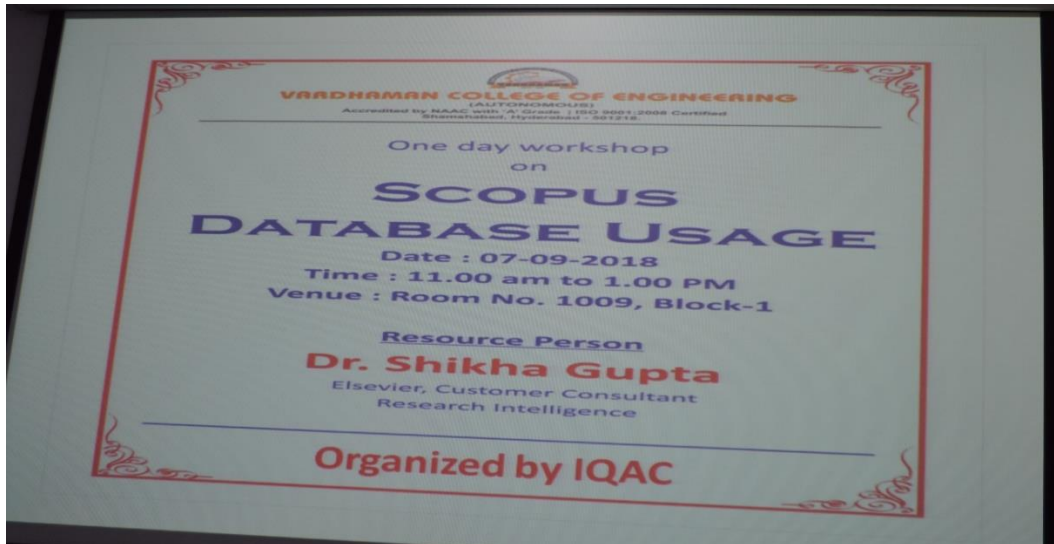






**A Talk on Scopus Database Usage by Dr. Shikha Gupta**

**One Week FDP on**

**Teaching Methodologies and Understanding Universal Human Values and Ethics Coordinator: Prof. Rajendar.S, H&S**

## Abstract:

In the age of globalization, the world has turned into a small family due to extensive development in the field of science, and information and communication technology. While progressing so fast, we as a society failed to build our relationship with the self, family, society and nature. At this stage, the role of the teachers becomes extremely important in order to guide or instruct our students regarding Universal Human Values. When we discussed the role of teachers, the emphasis should be on content of teaching as well as human values to the students. The overall development of the students should be the goal of our teaching and learning. Value education may seem a vague term to many of us even though we may be hearing frequently. But it is precious in the context of professional education, personal and societal growth.

The purpose of this workshop is to clarify certain fundamental issues which are related to all of us in our life. Issues related to our happiness, our welfare, our aspirations, goals and success in life.

**Date:**
03/09/2018 to 08/09/2018

**Time:**
'') AM to 4.00 PM

**Venue:**
E-Classroom, Block-5

**Registration Details:**
Registration: Open to All
Speakers:

Dr.P.Sarah, Dean & Professor
Prof.S.Rajendar, Head
Ms.V.Kavitha, Professor
Dr.P.Nageswara Rao,
 Professor
Mr.S.P.Kishore
Assistant Professor,
Mathematics
Dr.Manjeet Kumar Singh
  istant Professor,
English

**Prof. S. Rajendar**
Head,
Freshman Engineering
+91 98855 70842
s.rajendar@vardhaman.org

## Outcomes:

By the end of the workshop, faculty will be able to
1.  To understand the individual and collective happiness and prosperity in a sustainable manner.
2.  It may enable the participants to understand values and its role in the professional context.

## Schedule:

03 September 2018 to 08 September 2018
9:00 AM – 4:00 PM, Venue: E-Classroom, Block - 5
**FDP on "Teaching Methodologies and Understanding Universal Human Values and Ethics"**

**"Wisdom is a kind of knowledge. It is knowledge of the nature, career, and consequences of human values." Sidney Hook**

# VARDHAMAN COLLEGE OF ENGINEERING

**(Autonomous)**

Shamshabad, Hyderabad - 501 218

**Department of Freshman Engineering**

Report on
Faculty Development Program (FDP) on
Teaching Methodologies and Understanding Human Values & Ethics

**03/09/2018 to 08/09/2018**

## Background to FDP

Faculty development programs (FDPs) have proven to be successful for improving teaching skills in higher education particularly in the field of technical education. As it has long been believed that the teaching faculty is the soul of any institution of higher education who teach/impart knowledge and skills to students. But till last century, the focus was mainly on content based teaching for which faculty members sometimes being criticized for shortcomings in their teaching performances. In the present context, the amalgamation of skills and knowledge is in great demand with creative and effective teaching and use of technology such as Information and Communication Technology (ICT), Computer based Educational Program, up gradation of Knowledge and Skills, taking roles and responsibilities for teaching and learning are highly demanding and important for the present generation teachers. Hence, Faculty Development Programs (FDP) address all the above issues to update the teaching faculty with new knowledge and skills in order to make teaching and learning process conducive and learners as well as learning friendly.

## Introduction

Faculty Development Programs (FDPs) have been one of the regular PRACTICES of the department of Freshman Engineering under Humanities and Sciences. The department of freshman Engineering, in the leadership of Prof. Rajendar organized Faculty Development program to enhance and share our teaching and learning experiences with the help of advanced and updated teaching methodologies and human values. The topic for one week Faculty Development program (FDP) was Teaching Methodologies and Understanding Human Values and Ethics under the coordination of Prof. Rajendar which was scheduled on 03/09/2018 to 08/09/2018.

## Objective

The primary objective of the Faculty Development program was to share or update our knowledge and skills in the present context. Following are the objectives set to achieve for this FDP:

- ❖ To help the faculty to Integrate technology into teaching, learning, and help to understand new computer-based educational programs in the field of technical education
- ❖ To demonstrate innovative and active teaching learning process
- ❖ To develop the understanding of the faculty to bring humane aspects of teaching and learning
- ❖ To understand human values and ethics in the professional as well as personal contexts

**Speakers/Resource Persons**

**1. Dr.P.Sarah, Dean & Professor**

Professor, Dr.P.Sarah has twenty four long years of teaching experiences, a great scholar with forty one international conferences paper publication and fourteen national conferences with paper publication that has also authored six books in area of Optical Fibres and Engineering Physics and Chemistry. Her areas of specializations are Ferroelectrics, Sensor Technology and Composite Materials. Her lectures included for the FDP were Role and Importance of Faculty Development Program and Innovative Teaching and Learning. She discussed at length regarding the current practices and methods of teaching and learning how out of box thinking would help the teachers to enhance their teaching. Her focus was to accept the challenges and respond creatively and innovatively.

**2. Prof. S. Rajendar, Head**

Prof. S. Rajendar needs no introduction as he is the head of the department and main resource person for the Faculty Development Program. It was his ideas which were materialized to go ahead with the FDP topic which was discussed at length during the program. He is equipped with thirteen years of teaching experience and several international and national publications. He has co-authored two books with his colleague. His area of specialization is Low Power and High-Performance VLSI Circuit Design and Interconnect Modelling and Optimisation. For this particular Faculty Development Program he delivered his lectures on Instructional Design, Enhancing Learning Communities through Networking, Active Learning and Creating an Inclusive Classroom.

**3. Dr.P.Nageswara Rao,Professor**

Professor, P. Nageswara Rao is an enthusiastic and energetic faculty who loves to teach and shares his experience with other faculty. He has twenty six years of teaching career in which he has established himself as a great teacher trainer. His area of specialization is Microstrip Antennas. He has several research publications in International and National Journal. His topics for the Faculty Development program were Classroom Management, Educational Assessment, and Role of ICT in Teaching and Learning. His lectures mainly focussed on the role of teacher and instructional material to manage the classroom. He provided the details of Educational Assessment tools which was really helpful and stressed on the role and importance of Information and Communication

Technology in the present context. He, further, suggested the faculty to start using technology in order to make teaching and learning meaningful.

### 4. Ms.V.Kavitha, Associate Professor

Ms. V. Kavitha is renowned Mathematician and research scholar who loves to solve the mathematical problems. She has nineteen years of teaching experiences and currently serving at VCE as an Associate Professor. Her area of specialization is Fluid Mechanics. Her talks included topics for this FDP were Trends in Higher Education, Faculty Evaluation, and Engaging Today's Learners. She discussed all these topics very clearly for the newly joined faculty and asked them to take challenges and ready to change their methods and materials to engage the learners in the classrooms.

### 5. Mr. S. P. Kishore Assistant Professor, Mathematics

Mr. S.P. Kishore is a talented Mathematician who is working as an Assistant Professor for VCE and very active to deliver talks. He possesses fifteen years of teaching experiences and has specialization in Mathematical Modelling and Operational Research and published five papers in International journals. He has done several NPTEL courses and got A.K.Ramanujan award for his contribution in the field of Mathematics. His talks were mostly related to Universal Values and Ethics and how universal values play an important role for the students. He discussed role of education in order to develop universal values in the students of the current generation. His topics of discussions were Role of Education in Holistic Development, Role of Education and Right Understanding, Harmony in Society, Harmony in Existence and Right Understanding of Physical Facility and Harmony with Nature.

### 6. Dr.Manjeet Kumar Singh, Assistant Professor in English, VCE

Dr. Manjeet Kumar Singh is an enthusiastic and energetic teacher who works for VCE as an Assistant Professor in English with two years of teaching experience. His area of specialization is Language Teaching and Learning especially in Teaching Academic Writing. He talks included topics for this FDP were Role of Education for Definite Human Conduct, Harmony in Family and Understanding Relationship, Teacher as a Researcher: The role of research in teaching, Harmony with the SELF and Designing Writing Assignments and Responding to Students' Writing. He discussed about teacher as a researcher and researcher as a teacher and the role of teacher in the field of research. He stated that teaching is a self-reflecting practice and must be done by each faculty. Further, he also discussed how Harmony with SELF would change the face of family and society.

### Outcomes

The FDP was expected to result in enhanced teaching performance by faculty and improved learning outcomes for students. Such improvements included the development of new teaching skills or assessment techniques, improved ways of designing or implementing curricula, newer ways of viewing the student–teacher relationship, and increased commitment to the educational perspectives.

Following outcomes were achieved by this Faculty Development Program:

❖ High satisfaction with FDPs

- ❖ Changes in attitudes toward teaching and faculty development
- ❖ Gains in knowledge and skills
- ❖ Changes in teaching behaviour
- ❖ Changes in organizational practice and student learning.

## Conclusion

Faculty Development Program was organized by Freshman Engineering had achieved objective for which it was conducted. It was a grand success to share the teaching methods, materials and techniques with on another. Universal Human Values and Ethics were highly stressed in the sessions conducted by two resource persons from the department. All the sessions were highly fruitful and helpful for the faculty who would take up the challenges.

**Head, Freshman Engineering**

Head of the Department
Freshman Engineering
VARDHAMAN COLLEGE OF ENGINEERING
Shamshabad, Hyderabad

# VARDHAMAN COLLEGE OF ENGINEERING

**(AUTONOMOUS)**

Shamshabad - 501218, Hyderabad

**DEPARTMENT OF FRESHMAN ENGINEERING**

Date: 03.09.2018

The following Faculty attended FDP on **"Teaching Metodologies and Understanding Universal Human Values and Ethics (6 days)"** was held at E-Classroom, Block 5 Room No.5215 Freshman Engineering

| S No | Faculty Name | Designation | 03.09.2018 | 04.09.2018 | 05.09.2018 | 06.09.2018 | 07.09.2018 | 08.09.2018 |
|---|---|---|---|---|---|---|---|---|
| 1 | Dr P Sarah | H&S | | | | | | |
| 2 | Dr S Shashi Devi | H&S | | | | | | |
| 3 | Dr.Anji Reddy Polu | H&S | | | | | | |
| 4 | Dr.K.Uday Kumar | H&S | | | | | | |
| 5 | Dr.R.Srinivas | H&S | | | | | | |
| 6 | Dr D Srinivas Reddy | H&S | | | | | | |
| 7 | Ms V Kavitha | H&S | | | | | | |
| 8 | Mr K Madhusudhan Reddy | H&S | | | | | | |
| 9 | Mr V Lakshmi Narayana | H&S | | | | | | |
| 10 | Mr K Santosh Reddy | H&S | | | | | | |
| 11 | Mr S P Kishore | H&S | | | | | | |
| 12 | Ms K Mamatha | H&S | | | | | | |
| 13 | Mr B Chandra Sekhar | H&S | | | | | | |
| 14 | Mr S Jana Reddy | H&S | | | | | | |
| 15 | Dr.B.Kranthi Kumari | H&S | | | | | | |
| 16 | Ms P Rajisha Menon | H&S | | | | | | |
| 17 | Ms.Y.Sridevi | H&S | | | | | | |
| 18 | Dr.M.Swathi | H&S | | | | | | |
| 19 | Dr.Manu S Kurup | H&S | | | | | | |
| 20 | Mr.Manjeet Kumar Singh | H&S | | | | | | |
| 21 | Mr.Sandesh Manger | H&S | | | | | | |
| 22 | Dr G Chinna Rao | H&S | | | | | | |
| 23 | Dr.B.Srinivasa Reddy | H&S | | | | | | |
| 24 | Dr.A.Kishore Kumar | H&S | | | | | | |

| S No | Faculty Name | Designation | 03.09.2018 | 04.09.2018 | 05.09.2018 | 06.09.2018 | 07.09.2018 | 08.09.2018 |
|---|---|---|---|---|---|---|---|---|
| 25 | Dr.Shankaraiah Pagilla | H&S | | | | | | |
| 26 | Ms K Jyothsna | H&S | | | | | | |
| 27 | Mr G Ravi Kumar | H&S | | | | | | |
| 28 | Mr M Siddhartha | H&S | | | | | | |
| 29 | Ms.Prasanna Paruchuri | H&S | | | | | | |
| 30 | Dr.Sridarala Ramu | H&S | | AB | AB | | | AB |
| 31 | Dr.B.Chandra Sekhar Rao | H&S | | | | | | |
| 32 | Ms V Priyanka | H&S | | | | | | |
| 33 | Mr.G.Srikanth Reddy | IT | | | | | | |
| 34 | Prof.N.Srinivasa Reddy | ME | | AB | AB | | AB | |
| 35 | C.Padmini | ECE | | | | | | |
| 36 | M.Nagarjuna | ECE | | | | | | |
| 37 | J.Krishna Chaitanya | ECE | | | | | | |
| 38 | A.Bhanu Prasad | CSE | | | | | | |
| 39 | K.Anvesh | IT | | | | | | |
| 40 | P.Jeevan Kumar | IT | | | | | | |
| 41 | M.Srilatha | ECE | | | | | | |
| 42 | C.Satya Kumar | CSE | | | | | | |
| 43 | Ch.Chandra Mouli | ME | | | | | | |
| 44 | S.M.Gangadhar Reddy | ME | | | | | | |
| 45 | U.Pranavi | ME | | | | | | |
| 46 | A.Seshappa | ME | | | | | | |
| 47 | M.A.Ranjith Kumar | CSE | | | | | | |
| 48 | V.N.L.N.Murthy | CSE | | | | | | |
| 49 | Mr.E.Ravi Kumar | IT | | | | | | |
| 50 | Ms.Ch.Mamatha | IT | | | | | | |
| 51 | Dr.N.Anil Kumar | IT | | | | | | |
| 52 | Mr.P.Buddha Reddy | IT | | | | | | |
| 53 | Ms.Priyadarshini Chatterjee | IT | | | | | | |
| 54 | M.Srilatha | ECE | | | | | | |
| 55 | Dr.K.pooja | H&S | | | | | | |

**Conducted Google's machine learning crash course (MLCC) 3 workshops on 1st ,15th and 22nd September 2018**

# E-Summit Hyderabad 2018

**PROGRAM SCHEDULE**
Day 1
Tuesday, August 21, 2018
8:00 -9:30 am - Registration

**09:30 - 10:00 am**
Opening Session
Lamp Lighting & Traditional Dance
Intro to E-summit - **Aakash Masand** *(Founder & CEO Masand Tech, Acting CEO NucleusTech)*
**M. Rajashekar Reddy** *(Vice Chairman, Vardhaman College Of Engineering)*
**E. Prabhakar Reddy** *(Treasurer, Vardhaman College of Engineering)*
**Dr. Sai Satyanarayana Reddy** *(Principal, Vardhaman College Of Engineering)*

**10:00 - 11:00 am**
Keynote Speakers
**T.I.G.E.R Santosh Nair** *(Entrepreneurship Coach,Motivational Guru)*
**A.P. Reddy** *(FDSA President)*
**Vamshi** *(Managing Partner Visaka industries)*

**11:00 - 11:30 am**
Role of Indian Startups in World Economy -
Panel Discussion moderated by Bala IPeddigari
**Bala Peddigari** *(Technology Head- Digital Initiatives TCS)*
**Rajesh Sehgal** *(Founder - Equanimity Investments)*
**Madhu Vadlamani** *(Sr. Analyst, Kony Inc.)*
**Geeta Goti** *(NSIC Independent Director)*
**Dr, IVNS Raju** *(G. M, Renewsys)*

**11:30 - 11:45 am Tea Break**

**11:45 - 12:30 pm Taking the Leap of Faith**
**Panel Discussion moderated by Srinivas Madhavam**
**Rahul Kanuganti** *(Co-Founder and Chief Executive Officer - Flytta Innovations)*
**Praful Vinayak** *(Founder Blockruit)*
**Sunil Kumar** *(Founder Blue Semi)*
**Srinivas Madhavam** *(Founder and CEO , Vdeliver)*
**Prashant Lingam** *(CEO, Bamboo House)*
**Amarnath Kothapalli** *(Project Manager, Genpact)*

**12:30 - 1:15 pm Lunch Break**

**1:15 - 1:45 Stand-Up Comedy (Sandesh Johnny)**

**1:45 - 2:40 pm**
**Social Entrepreneurship - Towards a Better India (Take Care by Surge Impact)**
**Dr.G.V. Ramanjaneyulu** *(Executive Director, Centre for Sustainable Agriculture)*
**Patrick Widmann** *(Digital Advisor - Surge Impact)*
**Prashant Lingam** *(CEO, Bamboo House)*
**Abdul Mujeeb** *(Founder and CEO, Alika)*

**2:40 - 3:10 pm**
Startup on Campus
**Panel Discussion moderated by**
**Fredy** *(Co-Founder StuMagz)*
**Prof. Nitin Kulkarni** *(Director, Center for Technology Innovation and Entrepreneurship)*
**Rajanikanth** *(C.I.E Head, Vardhaman College of Engg.)*
**3:10 - 3:30**
PEP Talk
**Raghunandhan Vadla** *(Author The Great Indian Treasure)*

**3:30 - 3:45**
PEP TALK

**3:45- 4:00 pm**
Keynote speaker
**Vaishnavi Gaddam** *(Managing Director V6 News)*

**4:00 - 4:15**
**Jayesh Ranjan** *(IT Secretary Govt. of Telangana)*

**4:15 - 5:00**
Startup Lounge
**Pratik** *(Co-Founder SOAL)*
**Karan** *(Founder 8fx)*
**Antriksh Bajaj** *( C.E.O The Aura Group)*
**Aakash Masand** (Founder & CEO , Masand Tech and acting CEO Nucleus Tech)
**Yashwanth Reddy** ( MD, Nucleus Tech)

# E-Summit Hyderabad 2018

**5:00 pm - 5:30 pm**
Project Expo & Startup Expo
Followed by workshops and Hackathon

**Day 2**
**Wednesday, August 22, 2018**

**10:00 - 11:00 am**
Women Entrepreneurship
**(Panel Discussion) moderated by**
**Tripti Singhal Somani** *(CEO & MD at KGS advisors LLP)*
**Deepthi Ravula** (CEO, WeHub)
**Shanta Thoutam** - *(Director – Innovation Cluster, T-Hub)*
**Anil Jyothi Reddy** *(CEO, Keys Software Solutions)*
**Tara Varghese** *(HR Manager - Invesco)*

**11:00 - 11:30 am**
Rap Performance by Rohan Premi

**Let tt 11:30 - 12:30 pm**
Geeks garage & PEP Talks
**Team Mozilla (Mixed Reality & Addons)**
**Adhitya Kasunapalli** *(startup mentor)*
**Abhimanyu Aryan** *( AR/VR)*
**Sandeep Mudalkar** *(CEO & Founder, Sytech Labs)*
**Umang** *( E-cell IIT-BOMBAY)*

**12:30 - 1:15 pm Lunch Break**

**1:15 - 1:45 pm Celebrity Slot**

**1:45 - 2:00 pm**
**Felicitation for (Sponsors and partners)**

**2:00 - 2:45 pm**
New trends in funding
**(Panel Discussion) moderated by Vikrant Varshney**
**Amit Singal** *(Co-founder and CEO, Startup Buddy)*
**Vikrant Varshney** *(Cofounder & Managing Partner, SucSEED Angel Network)*

**Rishabh Bardia** *(Associate, Venture Catalysts)*
**Harshad Lahoti** *(Founder & CEO, ah! Ventures)*
**Viiveck Verma** - *(Co-Founder IIIT Seed Fund)*
**Nagaraja Prakasam** *(Angel Investor, Mentor, Fund Advisor)*

**3:45 - 4:15 pm**
Pitching Session by Finalists of Hackathon-
Hear me out!

**4:15 - 4:30 pm Tea and Coffee Break**

**4:30 - 5:00 pm Why to become a job creator?**
**Kadiyam Srihari** *(Deputy CM, Govt. of Telangana) (15 min)*
**Rahul Vishwanath Karad** *(Vice Chair, MIT Pune WPU) (15 min)*

**5:00 - 5:30 pm Award ceremony**
**Kadiyam Srihari** *(Deputy CM, Govt. of Telangana)*
**Rahul Vishwanath Karad** *(Vice Chair, MIT Pune WPU)*
**Malla Reddy** (Member of Parliament)
**Rajashekar Reddy** *(VC, Vardhaman College)*
**Yashwanth Reddy** *(M.D NucleusTech)*
**E. Prabhakar Reddy** *(Treasurer, Vardhaman College of Engineering)*
**Dr. Sai Satyanarayana Reddy** *(Principal, Vardhaman College Of Engineering)*

**6:00 to 6:30 - Valedictory Session**

**Parallel Session:**
**11:30 - 12:30 pm**
**Investor Connect -**
**Pitching Session by Startups - Hear Me Out.!**
**Amit Singal** *(Co-founder and CEO, Startup Buddy)*
**Vikrant Varshney** *(Cofounder & Managing Partner, SucSEED Angel Network)*
**Rishabh Bardia** *(Associate, Venture Catalysts)*
**Harsh Lahoti** *(Ah Ventures)*
**Rajesh Sehgal** *(Founder - Equanimity Investments)*
**Viiveck Verma** - *(Co-Founder IIIT Seed Fund)*
**Nagaraja Prakasam** *(Angel Investor, Mentor, Fund Advisor)*

**Vardhaman College of Engineering is all set for E-Summit Hyderabad 2018:** E-Summit 2018 is the juncture where notorious tech giants, speakers, entrepreneurs and the entire startup ecosystem of India will congregate.

Work from home, order food from home, order cosmetics, cloths, cab, vegetable, computers is so convenient and easy in today's date. What's common in all of them? The answer is simple; it is Entrepreneurship.

In order to further make our life comfortable and peruse our dreams of being an Entrepreneur, Vardhaman College of Engineering has organized the E-Summit Hyderabad 2018. The two days events on the 21st and 22nd of August has begun in the college, where thousands of Engineering students from across India have participated. To further fuel their interest in Entrepreneurship, the experts from various fields have come to the college and share their experience, clear the doubts and highlight the importance of Entrepreneurship in India and across the world.

How can one go empty hand after attending the E-Summit at Vardhaman College of Engineering, here we go with what E-Summit 2018 Hyderabad has to offer on 21st August:

The Eminent speakers have delivered the lectures on varigated topics, and made the concept clearer. E-Summit, includes Aakash Masand (CEO of Nucleus Tech), Santosh Nair (Entrepreneurship Coach and Motivational guru), A.P Reddy (Popcorn Apps), Geeta Goti (NSIC Independent Director), Rajesh Sehgal (Founder, Equanimity Investments) Srinivas Madhavam (Founder and CEO of Vdeliver), Prashant Lingam (CEO, Bamboo House) and Abdul Mujeeb (Founder and CEO, ALIKA). Apart from these Entrepreneurs, we had eminent figures such as

Vaishnavi Gaddam (Managing Director V6 News), Jayesh Ranjan (IIT Secretary Govt. of Telengana) and Antriksh Bajaj (CEO the Aura Group).

**Highlights of The Entrepreneurship Summit Hyderabad 2018:**

**Introduction to E-Sumit:**

If you have no idea about the Entrepreneurship, then attending the lecture of Aakash Masand would have helped you a lot. The description of Entrepreneurship as the passion and your love cannot be better than anything.

**How to Become an Entrepreneur:**

T.I.G.E.R. Santosh Nair motivated the students to become the entrepreneur. Some of the tips of becoming a better and successful entrepreneur was his theory (Not developed by him) of 10000 hours of hard work. If one invests 10000 hours, she/he will definitely become successful.

**How to Build a Business:**

A.P. Reddy, is a great entrepreneur who tried to create PPT'S in the minds of the students without showing any PPT's manually. He tried to inculcate in students brain that how to build a business. Though he studied abroad he spoke in his mother tongue that shows the love and concern for the indigenous development. He urged students to respect their parents, teachers and god. He also has given a call for faculty that they should be remembered by the students for ever. The impact that the faculty create should matter a lot for their future. He also focused on goal setting by saying that they should work hard for four years to enjoy for life time.

**Taking a Leap of Faith in Entrepreneurship:**

Panel of Five Entrepreneurs like Rahul Kanuganti, Praful Vinayak, Sunil Kumar, Madhu Vadlamni and Srinivas Madhavam was moderated by Srinivas Madhavam. The panel focused on the execution of the idea in the right place. It raised an important question on the issue of more Engineering colleges in Telengana and less entrepreneur. One has to constantly work to implement his/her prototype model into the full-fledged products.

**Role of Indian Startups in the World Economy:**

There are four Entrepreneurs in the panel. Mr.Bala Peddigari is a moderator, he led the panel in such a way that that the students need the information about it. Ms.Geeta Goti, is one of the panel members who raised about women Entrepreneurship and how they would be able to survive in the business field with the single determined mindset in spite of many responsibilities. Other panel member is Mr.Rajesh Sehgal focused more on the mind set of Indians and the broad mentality because of which we can find Indians globally. And also he stressed on Blue ocean strategy and Red ocean strategy. Another panel member, Dr. I.V.N.S. Raju has given a live example that if any student prepares well in advance for examination and performs well in the examination, is there any chance to fail. He posed this question to students. No one could answer. By say this he wanted to convey that if one puts hard work and well prepared, there is no chance of failure.

**Stand-up-Comedy:**

Mr.Sandesh Johnny was the fresh air to breathe specially after lunch with his impeccable comic timings. However, his passion towards his work was something we could have taken from the show.

**Social Entrepreneurship:**

Panel by Four Entrepreneurs, Dr G.V Ramanjaneyulu, Patrick Widmaan, Prashant Lingam and Abdul Mujeeb was on developing the concept based on the Indian need. Understand the problems that are prevalent in India and find the solution that can cater to the mass level or so called Indian Middle class family. The Entrepreneur should be providing the service to the people than earning money.

**Startup on Campus:**

Panel of Five Entrepreneurs such as Fredy, Prof. NitinKulkarni, Ravi Devulapally , Madhu Pravathaneni and Rajnikanth was moderated by Panjak Diwan, focused on the various avenues that Engineering colleges (Vardhaman College of Engineering) could adopt to promote the idea of Entrepreneurship in India. The idea to implement in colleges and help them to nurture their Entrepreneurial zeal with proper guidance was the best aspect of the day.

**Startup Lounge, Project Expo and Startup Expo:**

The various exhibitions and the projects done by the experts and students from different colleges of Telengana (Other states of India) and Vardhaman College of Engineering must have fueled the zeal among the students to come up or materialize their existing idea.

# Certificate
## OF APPRECIATION

For being a Participant at Esummit 2018 held at Vardhaman College, Hyderabad.

MD, NucleusTech

Principal, Vardhaman College

SUMMIT
HYDERABAD
21ST & 22ND AUG 2018

#startupindia

SOAL

SURGE IMPACT

ECELL
BITS Pilani Hyderabad Campus

moz://a
Telangana & Andhra Pradesh

stumagz

ecell
iit bombay

DIGITAL
CONNECT

# VARDHAMAN COLLEGE OF ENGINEERING

**(AUTONOMOUS)**

**Shamshabad – 501 218, Hyderabad**

## Department of Freshman Engineering

Presents

### One Day Workshop on

### Preparing Competitive Research Grant Proposals

**Speaker: Dr. P Sarah, Professor, H&S and Dean, R&D**

**Coordinator: Mr. M. Siddhartha, Assistant Professor, H&S**

**Date:**
Saturday, 18th August 2018.

**Time:**
2.00 PM to 4.00 PM

**Venue:**
Room No: 1009, Block 1

**Registration Details:**
Registration is open to all; interested persons are requested to register for participation by 17th August 2018.

For any further details please contact:

**Dr. P Sarah**
Professor in Physics
Freshman Engineering
Dean, R&D.
+91 94400 08222
p.sarah@vardhaman.org

**Mr. M. Siddhartha**
Assistant Professor of Chemistry,
Freshman Engineering
+91 94929 25438
siddhureddy7@gmail.com

**Prof. S. Rajendar**
Head,
Freshman Engineering
+91 98855 70842
s.rajendar@vardhaman.org

**Abstract:**

Beyond the academic duties of teaching and research, expectations that faculty should generate external funding are increasing – and are increasingly important. Researchers, as well, seek outside monies to conduct their research activities, not only to garner additional financial support, but also to demonstrate their abilities in fund-raising and gain early grants experience that will serve them well in their budding careers.

Even if a grant is not awarded, the process of writing research grant proposals can help you solidify your research ideas and make them tangible, realistic, and programmatic. Proposals, funded or unfunded, can themselves become sources for publishing journal articles. Writing to external sponsors can aid you in thinking through your rationale or finding ways to connect with others in the scientific community or with the broader society.

The purpose of this workshop is to train participants in efficient grant proposal writing, and to provide a deeper understanding of the factors affecting the success of a grant proposal.

**Outcomes:**

By the end of the workshop, faculty will be able to
1. Identify a research problem
2. Write research proposals

**Speaker Profile:**

Dr. Pasala Sarah is an accomplished academician with over 20 years of teaching experience blended with additional experience in Research & Administration. The Research experience includes execution of projects from DRDO, BARC in identifying materials for different needs of the Industry.

Dr. Sarah has published more than 60 Papers in International Journals and Conferences and has organized International Conferences on Nanomaterials, Nanotechnology and Composite Materials. Dr.Sarah has written 08 Text books which are relevant to students, Industrial Users on structures, Lasers and Optical Fibre Communications.

**Schedule:**

18th August 2018
2:00 PM – 4:00 PM, #1009, Block - 1
**Workshop on "Preparing Competitive Research Grant proposals"**

"Knowing is not enough; we must apply. Willing is not enough; we must do." Johnson Von Goethe

# VARDHAMAN COLLEGE OF ENGINEERING

**(Autonornous)**

Shamshabad, Hyderabad - 501 218

**Department of Freshman Engineering**

## Report on
## One Day Workshop on Preparing Competitive Research Grant Proposals
## 18/08/2018

### Background

Good teachers can become great teachers by going beyond the call of duty and beyond the textbook. To do this, he or she must continue their education. There are conferences, workshops, FDP and continuing education that could give the teacher that extra help in technology for their students. There are online workshops, and classes that teachers could attend as well as on-site workshop and classes.

There are also conferences that will have several workshops all at one time so that teachers and administrators can go to more than one workshop at a time. These conferences will give the teacher the information and tools they need to integrate technology in the classroom as well as CPDUs (Continuing Professional Development Units) to help their career.

### Introduction

Workshops get participants fully involved in the learning process: small and large group discussions, activities & exercises, opportunities to practice applying the concepts that are presented. It helps the teachers to learn from peer or group and work as a team. Workshop organized by Department of Freshman Engineering was based on developing research minds and how to generate external funding to support their research and ability to develop fund-raising and gain early grants experience which will benefit them well during developing their career.

### Objectives

- ❖ Learn research-based strategic learning and teaching practices.
- ❖ How to write a good proposal
- ❖ Identify the research problems
- ❖ Collaborate with colleagues on best practice in doing research

### Speaker Profile:

Dr. Pasala Sarah is an accomplished academician with over 20 years of teaching experience blended with additional experience in Research & Administration. The Research experience includes execution of projects from DRDO, BARC in identifying materials for different needs of the Industry.

Dr. Sarah has published more than 60 Papers in International Journals and Conferences and has organized International Conferences on Nanomaterials, Nanotechnology and Composite Materials. Dr.Sarah has written 08 Text books which are relevant to students, Industrial Users on structures, Lasers and Optical Fibre Communications.

## Outcomes

- ❖ Faculty members were able to identify the research problems.
- ❖ They also learnt to write the process of research proposals.
- ❖ Gain familiarity with research methodology
- ❖ Learn how to generate funds for research grants

## Conclusion

One day workshop was an eye-opener for newly joined faculty and learning experience for them. Professor Sara brought many research oriented issues and draws the attention of the faculty members who really want to go for research funds/raising funds for research. Her day long instruction was invaluable for all of us and is fruitful to go for research projects.

**Head, Freshman Engineering**
Freshman Engineering
VARDHAMAN COLLEGE OF ENGINEERING
Shamshabad, Hyderabad

# VARDHAMAN COLLEGE OF ENGINEERING

**(AUTONOMOUS)**

Shamshabad – 501 218, Hyderabad

## Workshop on
## Preparing Competitive Research Grant Proposals

### Faculty Registration form

**Speaker: Dr.P.Sarah, Dean R & D, Professor of Physics**

**Date : 18-08-2018**
**Time : 2:00 PM to 4:00 PM**

| S.No. | Name of the Faculty | Department | Contact Number | E mail id | Signature |
|---|---|---|---|---|---|
| 1 | Dr. B. Harish | EEE | 9494010254 | harish.balaga@gmail.com | |
| 2 | Dv. A. KISHORE KUMAR | H&S | 9849459754 | kishoreangajala@gmail.com | |
| 3 | Dr. R. Lalu Naik | IT | 9848289153 | rlalunaik519@gmail.com | |
| 4 | Dr. T. RAGHUNADHA REDDY | IT | 9493195363 | raghu.sas@gmail.com | |
| 5 | Dr. Shankaraiah P | H&S | 9948942010 | shankarpagilla@gmail.com | P. Shanle |
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2018-19

A Talk on Creating Effective teaching and Learning Environments, Dr. P. Sarah, Professor of Physics

**Academic Writing Skills for Research Journals Articles**

**Welcome**

# Dr. Mamun Bin Ibne Reaz

Professor, Universiti Kebangsaan Malaysia

Invited talk on

**Academic Writing Skills
for Research Journals Articles**

(11-08-2018)

Organized by

**ISTE FACULTY CHAPTER & IEEE COMPUTER SOCIETY CHAPTER**
in Association with IQAC

**VARDHAMAN COLLEGE OF ENGINEERING**
(AUTONOMOUS)
Accredited by NAAC with 'A' Grade | ISO 9001:2008 Certified
Shamshabad, Hyderabad - 501218.

**Dr. Mamum Bin Ibne Reaz Delivering the Lecture**

**Report:** IQAC has arranged a guest lecture on Academic Writing Skill for Research Journals Articles by Dr. Mamum Bin Ibne Reaz a professor from Universiti Kebangsaan Malaysia on 11th Augest 2018. About 100 facluty attended the lecture. He spoke about how to write a technical paper for research journal. He also emphasized the importance of orginal contribution in writing an article.

# VARDHAMAN COLLEGE OF ENGINEERING

(AUTONOMOUS)

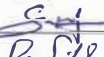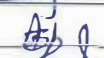Shamshabad – 501 218, Hyderabad

**ONE DAY TALK**

**Academic Writing Skills for Research Journals Articles**

**By: Dr. Mamun Bin Ibne Reaz(Professor, Universiti Kebangsaan Malaysia)**

Date:11-08-2018

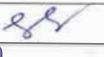| S No | Name Of the Faculty | Dept | Signature |
|------|---------------------|------|-----------|
| 1. | PROF. N. UMAMAHESHWAR RAO | ECE | NU ... 11/8/2018 |
| 2. | G. RAMESH | MBA | G. |
| 3. | Dr. K. JAIGANESH | EEE | |
| 4. | A. Rajani Kanth | CSE | |
| 5. | Y. Prakash | MBA | |
| 6. | T. Ramakrishnaiah. | ECE | |
| 7. | B. Suresh Kumar | CSE | |
| 8. | E. Manoj Kumar | ME | |
| 9. | D. V. Ramana Reddy | M.E | |
| 10. | K. Jaahnavi | MBA | |
| 11. R | G. vinesh Kumar | MBA | |
| 12. | Dr. Sangeeta Gupta | CSE | |
| 13. | J. Krishna Chaithanya | ECE | |
| 14. | C. Padmini | ECE | |
| 15. | G S Prasada Reddy | CSE | |
| 16. | Dr. B. Seetha Ramulu | CSE | |
| 17. | G Bhaskar Phani Ram | ECE | |
| 18. | A. Ramesh | CSE | |
| 19. | S. Laxmi Sunaina | CSE | |
| 20. | Dr. D. Ajitha | EEE | |
| 21. | T. Jayadeeswari | CSE | |
| 22. | Dr. K. V. P. CHAKRADHAR | ME | |
| 23. | T. RAGHUNADHA REDDY | CSE | |
| 24. | M. Parameswar | IT | |
| 25. | B. Ravimlee | IT | |
| 26. | Dr. R. Lalu Naik | IT | |
| 27. | D. GANESH | CSE | |
| 28. | Dr. Duggyala Raman | CSE | |
| 29. | B. Srikanth | ECE | |
| 30. | S. Shoba Rani | CSE | |

| S No | Name Of the Faculty | Dept | Signature |
|---|---|---|---|
| 32. | B. Mahalakshi | CSE | |
| 33. | V. Uma Maheswari | CSE | |
| 34. | E. Ravi Kumar | IT | |
| 35. | P. Buddha Reddy | CSE | |
| 36. | S. Nagarjuna Reddy | IT | |
| 37. | Murlidhar Mouriya | CSE | |
| 38. | D. Naga Jyothi | ECE | |
| 39. | M. Rajani Devi | ECE | |
| 40. | M. Lavanya | ECE | |
| 41. | R. Phani Vidyadhar | ECE | |
| 42. | Dr. Ashwani Kumar | CSE | |
| 43. | B. Mohan | EEE | |
| 44. | K. Deepak | Mech | |
| 45. | S. Srinivas Reddy | MBA | |
| 46. | Dr. B. SubbaReham | Mech | |
| 47. | Sheena Mohammed | IT | |
| 48. | V. Sreedhar | Mech | |
| 49. | M. nagarjuna | ECE | |
| 50. | M. Rajani Devi | ECE | |
| 51. | K. Nikhila | IT | |
| 52. | P. Harvitha | IT | |
| 53. | Suchetana Banerjee | ECE | |
| 54. | R. Anu Kumar | IT | |
| 55. | Dr. V. Anantam | CSE | |
| 56. | Dr. Ramesh S | CSE | |
| 57. | Dr. N. ANIL KUMAR | IT | N. Anil Kumar |
| 58. | M. Madhavi | ECE | |
| 59. | K. Ashwini | ECE | |
| 60. | N. Roja | ECE | |
| 61. | J. Bheemeshwara Sastry | IT | |
| 62. | A. Jayalakshmi | ECE | |
| 63. | S. SUJANA | ECE | |
| 64. | Dr. R. Sumalatha | ECE | |
| 65. | Dr. D. Praveen Kumar | ECE | |
| 66. | M. Gopikrishna | ECE | |

| S No | Name Of the Faculty | Dept | Signature |
|------|---------------------|------|-----------|
| 68. | V. Muni Sekhar | IT | |
| 69. | G. Srikanth Reddy | IT | |
| 70. | P. Jeevan Kumar | IT | P. Sil |
| 71. | Y. VIJAY BHASKAR REDDY | CSE | |
| 72. | A. BHANU PRASAD | CSE | |
| 73. | SHRAWAN KUMAR | CSE | |
| 74. | D.6 SJ amardhanela | EDA | |
| 75. | B. Tirupathi Kumar | IT | |
| 76. | G. Srikanth Reddy | IT | |
| 77. | R. Ramu | CSE | Ru |
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**Coordinator, ISTE**                                    **PRINCIPAL**

**Organized National level quiz competition in association with Inquzitive minds and Dell on 31st July 2018 and IEEE Computer society chapter, Hyderabad section**

**Two week workshop for students on" Programming in python" from 16th to 28th July 2018**

**Boot Camp-Business Planning, wise owl Consulting Services, Hyderabad 21st and 22nd march 2018**

# VARDHAMAN COLLEGE OF ENGINEERING

**(AUTONOMOUS)**

AFFILIATED TO JNTUH, ACCREDITED BY NAAC WITH 'A' GRADE

**SHAMSHABAD, HYDERABAD**

TASK

# TELANGANA STATE SMART CITY
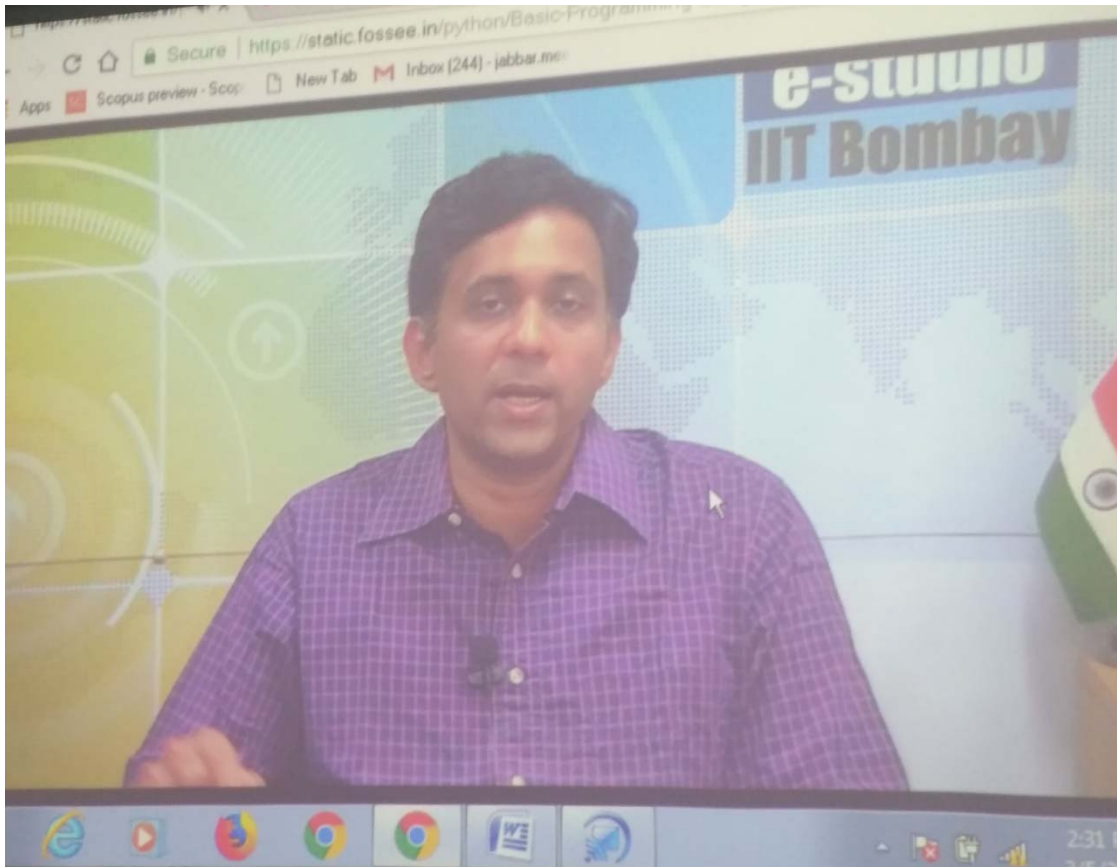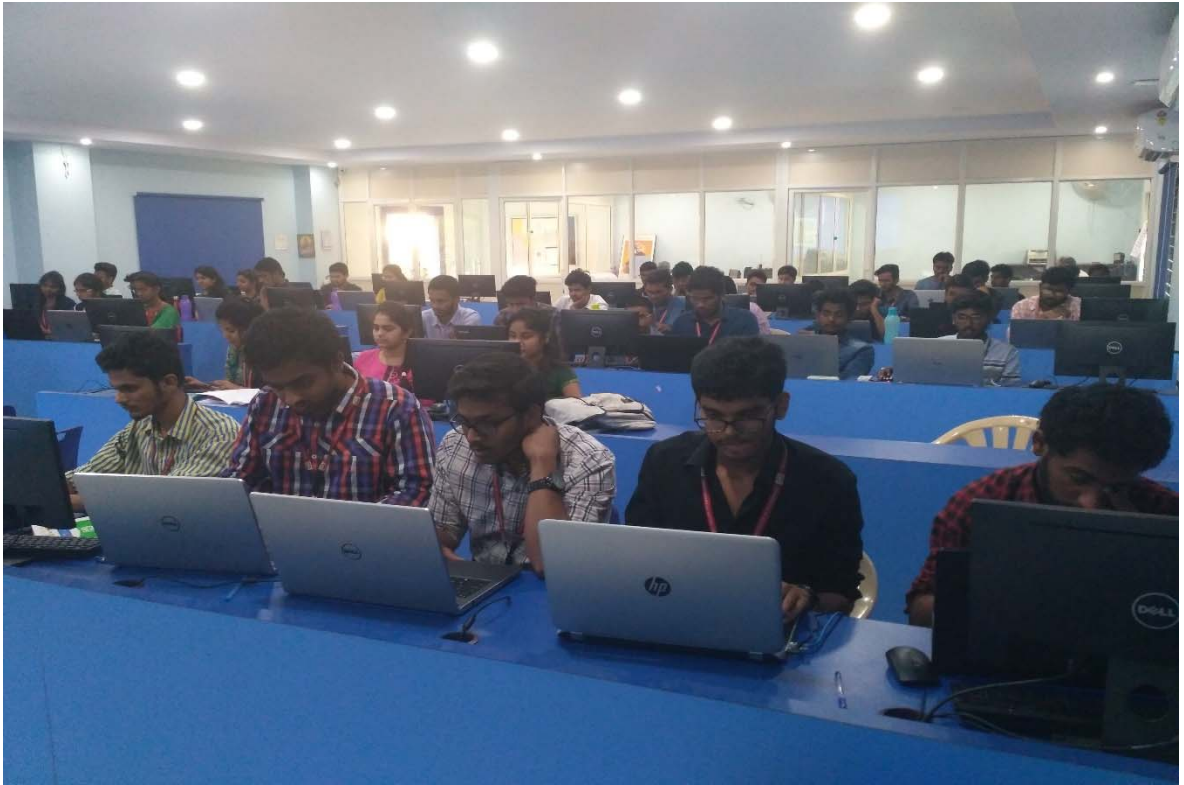# HACKATHON - 2018

**12th & 13th March 2018**

Organized Smart City Hackathon on 12th and 13th March 2018 in association with TASK

Workshop organized on basic programming using python- In association with FOSSEE
Lab ,IIT Bombay during 3rd March to 5th March 2018

## FORMAT OF APPLICATION

### INDUSTRIAL TRAINING IN EMBEDDED SYSTEMS & IoT

**Two Week National Level Faculty Development Programme (FDP)**

on

### ARM "MBED" PLATFORM AND CYPRESSS PSOC

1. Name:

2. Designation:

3. Institution:

4. E-mail:

5. Address for Correspondence:

6. Educational Qualifications with specialization:

7. Subjects taught so far UG & PG :

8. No. of refresher courses/workshops attended:

9. Experience (in years)
   Teaching:
   Research:
   Industry:

10. Accommodation required:     YES / NO
11. Do you belong to SC/ST:     YES/NO

#### Declaration

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the FDP and shall attend the course for the entire duration. I also undertake the responsibility to inform the Coordinator in case, I am unable to attend the course.

Place:
Date:                          Signature of the applicant

#### SPONSORSHIP CERTIFICATE

Dr./Mr./Ms. ............................................. is an employee of our Institute/Organization and is hereby sponsored to participate in the FDP on ARM "MBED" PLATFORM AND CYPRESSS PSOC by Eduvance, Mumbai during 19th Feb. to 3rd March 2018 at Vardhaman College of Engineering, Hyderabad

Place:

Signature of Head of Institution

---

### ORGANIZING COMMITTEE

| | |
|---|---|
| **Dr. S Janardhan Rao,** | Associate Professor, ECE |
| **Mr. M Gopi Krishna,** | Associate Professor, ECE |
| **Mr. G Bhaskar Phani Ram,** | Assistant Professor, ECE |
| **Mr. B Raveendranadh,** | Assistant Professor, ECE |
| **Mr. C Lokanath Reddy,** | Assistant Professor, ECE |
| **Ms. J Swetha Priyanka,** | Assistant Professor, ECE |
| **Ms. M Himabindu,** | Assistant Professor, ECE |
| **Mr. P. Ravi Kumar,** | Assistant Professor, ECE |

### RESOURCE PERSONS

**Dr. Jonathan Joshi,** CEO
jonjoshi@gmail.com
**Aditya Pappu,** Technical Engineer
**Sarthak Gadre,** Systems Engineer
**Paramesh,** Systems Engineer

Subject Matter Experts, Eduvance, Mumbai

---

*EduVance*
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# INDUSTRIAL TRAINING IN EMBEDDED SYSTEMS & IoT

MUMBAI, MAHARASHTRA, INDIA

**Two Week National Level Faculty Development Programme (FDP)**

on

## ARM "MBED" PLATFORM AND CYPRESSS PSOC



**Jointly Organized**
**by**
**EDUVANCE**
**and**
**Department of ECE**
**Vardhaman College of Engineering, Hyderabad**

### 19-24 Feb & 12-17 Mar. 2018

forwarded to principal

**VARDHAMAN COLLEGE ENGINEERING**

(Autonomous)
Shamshabad - 501 218, Hyderabad, T.S., India

## Objectives:

LabVIEW software is ideal for any measurement or control system, and the heart of the NI design platform. Integrating all the tools that engineers and scientists need to build a wide range of applications in dramatically less time, LabVIEW is a development environment for problem solving, accelerated productivity, and continual innovation.

LabVIEW is a graphical programming platform that helps engineers scale from design to test and from small to large systems. It offers unprecedented integration with existing legacy software, IP, and hardware while capitalizing on the latest computing technologies.

LabVIEW provides tools to solve today's problems—and the capacity for future innovation—faster and more effectively.

Workshop on National Instruments LabVIEW – CORE 1 & 2 (CLAD) Program will fulfill the following objectives:

☐ Learn how to develop basic applications in the LabVIEW graphical programming environment.

☐ Design, implement, and distribute stand-alone applications using LabVIEW.

☐ Learn the skills needed to create scalable, readable, and maintainable applications.

Keeping in mind, the importance of research in frontier areas like Virtual Instrumentation, ECE Dept., Vardhaman College of Engineering in association with National Instruments & VI Solutions is organizing a workshop on "CLAD Certification Training in Virtual Instrumentation"

## Resource persons:

Application Engineer in the concerned field from VI Solutions, Bangalore is invited to deliver lectures in the program.

## Eligibility:

The programme is open to the teachers of engineering colleges from Electronics and communication Engineering, Electrical Engineering, Information Technology, and other allied technical disciplines, Scholars in Telangana, Andhra Pradesh, Karnataka states and Goa. Industry personnel working in the concerned/allied discipline can also attend.

## How to apply:

The filled in Registration form duly signed by appropriate authorities and scanned copy of Registration form should reach the coordinator through e-mail.

## About VI SOLUTIONS:

VI Solutions was founded by a pool of live wire professionals having several years of combined technical and corporate expertise in providing high quality, cost-effective and complete end-to-end solutions to its valued customers. All our team members are highly qualified in their respective fields and have years of industrial experience behind them. It is an automation Company and a pioneer in providing Systems, Solutions and Products for a wide range of industries and applications.

## About VCE:

The Vardhaman College of Engineering was established in 1999. The college holds UGC autonomous & affiliated to JNTUH. It offers B.Tech. programs in six branches of Engineering, viz., Civil, EEE, ME, ECE, CSE & IT, and PG courses in MBA, M. Tech(DECS), M. Tech(ES), M. Tech (CSE), M. Tech (PEED), M. Tech (SE) and M. Tech (ED). All the eligible UG engineering programmes have been accredited by National Board of Accreditation (NBA) of AICTE, New Delhi and by NAAC. The College is recognized with Centre for Potential of Excellence by UGC. The college is also accredited by TCS.

## Accommodation:

For outside participants accommodation will be provided on prior request. No TA will be paid for the participants.

## Important dates:

Last date for submission of application: 8.03.2018
Selection intimation will be by email: 10.03.2018

## Duration of Program:

12-22 March 2018

## Department of ECE:

The Department is headed by Prof. Y. Pandurangaiah having vast teaching experience and supported by highly qualified faculty- 10 Professors, 19 Associate Professors and 34 Assistant Professors. The department has established centers of excellence in Cadence VLSI Design, NI LabVIEW Academy, Signal processing and RF and Microwave Simulation.

### Major Course Contents:

The workshop content is divided along the lines of following projects and learning outcomes.

- Introduction to LabVIEW
- Creating, Editing, and Debugging a VI, SubVI
- Loops, Charts, Strings, Arrays, Graphs and Clusters
- Case and Sequence Structures, Strings and File I/O
- VI Customization, File I/Os
- Planning LabVIEW Applications
- Introduction to PC based data acquisition
- myDAQ basics- IO details, specifications and its software requirement.
- Introduction to NI MAX and hardware detection in MAX. Hands-on with Test Panels (AI, AO, DIO and Counter).
- Hands-on with Temperature sensor, Signal generation through AO, Digital IO's- IR sensor based counter including logging using LabVIEW.
- Interfacing motor driver and motor using myDAQ Digital IO and Counter, Direction and speed control of DC motor.
- Audio signal acquisition and importance of sampling rate.
- Introduction and Programmatic to low level DAQ programming- DAQmx VI's.
- NI myRIO introduction.
- Hands-on myRIO on-board device ACC, LED's and Push button, AI and DI.
- Hands-on sensor value based actuator control IR sensor and DC motor, Embedded programming (Deploying EXE into myRIO).
- Configuring Wi-Fi network using myRIO and passing the sensor data from one myRIO to another.
- Hands-on Heart rate and Level sensor with NI myRIO in Wi-Fi mode, PWM and Counter channels.
- Hands-on Quadrature Encoder using NI myRIO counter terminal and Rotary Encoder.
- Introduction to myRIO protocols: UART, I2C and SPI.
- Hands-on UART protocol Loop back and PmodLCD, I2C, SPI, I2C protocol with help of GYROSCOPE and pressure sensor, SPI protocol with PmodALS, PmodLCD.
- Hands-on FPGA programming on myRIO on-board devices, Analog channels acquisition in FPGA mode.
- DMA FIFO configuration and FPGA I/O raw value conversion of Analog acquisition.
- Hands-on Mobile App with myRIO (NI Data Dashboard for LabVIEW) and Text to Speech.
- GSM and GPS Demo.

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**M** *VANMAT TECHNOLOGIES INTIATIVE*

# Certificate of Training

This is to certify that

## Y. Pandurangaiah

has successfully completed a ten day Faculty Development Program on

## Industrial Training in Embedded Systems and IoT

## at Vardhaman College of Engineering

## conducted from 19th to 24th February and 12th to 16th March 2018

### Training Partners

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**Training Manager**

**arm** University Program

**CYPRESS**
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**VANMAT TECHNOLOGIES INITIATIVE**

# Certificate of Training

This is to certify that

## Malladhi Nagarjuna

has successfully completed a ten day Faculty Development Program on

## Industrial Training in Embedded Systems and IoT

at Vardhaman College of Engineering

conducted from 19th to 24th February and 12th to 16th March 2018

**Training Partners**

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**Training Manager**

**arm** University Program  **CYPRESS** EMBEDDED IN TOMORROW™  IUCEE

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**A VANMAT TECHNOLOGIES INITIATIVE**

# Certificate of Training

This is to certify that

## M. Gopi Krishna

has successfully completed a ten day Faculty Development Program on

## Industrial Training in Embedded Systems and IoT

at Vardhaman College of Engineering

conducted from 19th to 24th February and 12th to 16th March 2018

**Training Partners**

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**Training Manager**

**arm** University Program

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IUCEE

# M Gmail

**Jaahnavi Kola <jaahnavikola@gmail.com>**

## Fwd: New India Student Championship 2018 :: Important Documents for Contest Coordinators

**VIVEK KULKARNI** <vivek@vardhaman.org>　　　　　　　　　　Tue, Dec 4, 2018 at 11:16 AM
To: "jaahnavikola@gmail.com" <jaahnavikola@gmail.com>

Get Outlook for Android

---

**From:** VIVEK KULKARNI
**Sent:** Thursday, February 1, 2018 8:48:15 PM
**To:** Amarnath
**Subject:** Re: New India Student Championship 2018 :: Important Documents for Contest Coordinators

Many Thanks for the mail

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---

**From:** Amarnath <amarnath@ictacademy.in>
**Sent:** Thursday, February 1, 2018 8:09:51 PM
**To:** VIVEK KULKARNI
**Cc:** principal; saisn90@gmail.com
**Subject:** New India Student Championship 2018 :: Important Documents for Contest Coordinators

Respected Sir

Greetings from ICT Academy and Trail Head.

We thank you very much for participating in the first of its kind - the largest learning initiative of India. The **"New India Student Championship 2018"** is organized by your institution for your 100 students supported by ICT Academy and powered by Trail Head. We are happy to be partnering your esteemed institution for this great initiative, where we shall jointly set a new record on self-learning in India.

Please find attached the following for your reference.
1. A **Draft agenda for the inaugural session :: 2 Feb 2018 (9 am to 11 am)**
2. A **presentation** for the **Contest Coordinators to present** to students on the "**Registration Process** "for the contest : This has to be led by the Contest Coordinator / Facilitator by 11 am in the computer laboratory.
3. **A draft press release** which can be used by your insitution for local press and media on taking this great initiative in your college.

We shall conduct a Virtual inaugural address of this contest from 10.00 am to 10.30 am, which will be made through official *ict academy youtube live,* where you can stream the same in the seminar hall for the students. Alternatively the same *recorded video* will be sent to you, so that you can download the video and play during the inaugural , in case if you do not have internet connectivity in the seminar hall.

Lets keep ourselves active by mailing photos of - inaugural sessions, learning sessions at labs, group pictures of 100 students, chairman/principal visits to learnathon, backdrop, banners etc., Requesting each of you to send us pictures often during this 24 hours so that we keep the memories of this initiatives recorded.

Requesting you to do effective social media postings on Facebook, Linkedin, Twitter etc., with pictures and posters of the event. We shall provide you will necessary post drafts and hashtags in our coordinators watsapp group.

We shall send you a presentation tomorrow about the **Check out process**, which can be followed by the contest coordinators/facilitators to close the contest by 12 noon of 3rd Feb 2018.

Please feel free to call us the following leaders from our academy or our ICT Academy Relationship Managers of your institution for any support / clarification on conducting the same.

Mr Saravanan :: 95000 46714
Mr Sherry :: 81488 07428
Mr Naresh :: 99403 30743
Email : saravanan@ictacademy.in

**Warm Regards,**

**N. Amarnath,**
**State Head - Telangana,**
**ICT ACADEMY | An Initiative of Government of India, State Govt and Industry,**
**Registered Office - B – 308 & 309, Som Datt Chamber – 1,**
**Bhikaji Cama Place, New Delhi – 110066 |**
**|Mobile: 9500046713| www.ictacademy.in|**
**www.ts.ictacademy.in |**

**Regional Office:**
**|No 48/3, Narmada Complex |** Naganathapura|
**|Hosa Road | Bangalore 560 100|**

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# EVENT NAME

# NEW INDIA STUDENT CHAMPIONSHIP 2018

# Date:03-02-2018

# VARDHAMAN COLLEGE OF ENGINEERING

## (AUTONOMOUS)

### SHAMSHABAD - 501 218, HYDERABAD

**List of participants**

**Event:** NEW INDIA STUDENT CHAMPIONSHIP 2018

**Date:** 03-02-2018

**Year / Semester:** III rd year CSE

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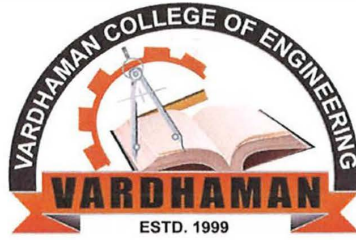
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Rajesh R Nambiar
Salesforce Academic Alliance

B Anbuthambi
ICT Academy

# VARDHAMAN COLLEGE OF ENGINEERING

## (AUTONOMOUS)

### Shamshabad – 501 218, Hyderabad

**Department of Freshman Engineering**
Presents
*A Two day workshop on*
*Adaption of Technology for Teaching and Learning*
Coordinator: Prof. Rajendar.S, H&S

## Abstract:

Today, more than ever, the role of educational technology in teaching and learning is of great importance because of the use of information and communication technologies. Educational technology is a systematic and organized process of applying modern technology to improve the quality of education. It is a systematic way of conceptualizing the execution and evaluation of the educational process, i. e. learning and teaching and help with the application of modern educational teaching techniques. With the help of various applications for distance education, the Internet, teachers, and students themselves, they see the advantage of modern educational teaching techniques. It includes instructional materials, methods and organization of work and relationships, i.e. the behavior of all participants in the educational process.

The purpose of this workshop is to give an overview of the importance and Adaption of technology for teaching and learning in the classroom.

## Outcomes:

By the end of the workshop, faculty will be able to

1. Develop a vision of classroom teaching with the use of technologies based on big ideas from the course with the understanding that our ideals will be challenged by the realities of Institute.
2. Understand different approaches to curriculum, instruction, assessment, and classroom community/leadership; when to use them; and why.
3. Develop ability to closely observe classroom teaching (curriculum, popular form of technology, pedagogy, assessment, classroom community/leadership), analyze using evidence, and apply lessons learned to one's vision of teaching (for excellence and equity).

## Time:

9.00 AM to 4.00 PM

## Venue:

E-Classroom, Block-5

## Registration Details:

Registration: Open to All the faculty members

## Speakers:

Dr. P.Sarah, Dean & Professor
Prof. S.Rajendar, Head, Freshman Engineering
Dr. P.Nageswara Rao, Professor

## Schedule:

31 May 2017 to 01 June 2017
9:00 AM – 4:00 PM, Venue: E-Classroom, Block - 5
**A Two day Workshop on "Adaption of Technology for Teaching and Learning"**

# VARDHAMAN COLLEGE OF ENGINEERING

**(Autonomous)**

Shamshabad, Hyderabad - 501 218

**Department of Freshman Engineering**

**Report on A Two Day Workshop**

**On**

**Adaptation of Technology for Teaching and Learning**

## Introduction

Education has evolved with the times, particularly from the last few decades in the 20th century, into the 21st century. Gone are the one room schoolhouses, with their rows of wooden chairs, benches, and desks – other than as tourist attractions and reminders of simpler times. Today's classroom is more likely to be a computer lab, a room with rows of students using laptops, or perhaps students listening to a podcast or taking in a video lecture. Technological changes in the educational industry have created new ways to teach and to learn. Teachers have had to adopt new instructional methodologies, while students usually eagerly embrace this "new" style of learning. Technological changes allow teachers to access information on a global scale via the Internet, to enhance their lessons. Likewise, students can use the vast resources of the Internet to enrich their learning experience. Even earlier technology, such as slide projectors and overheads with transparencies, have given way to PowerPoint presentations or streaming videos projected for viewing by entire classes or entire school bodies in auditoriums. From audio and video technology, to podcasts and interactive tutorials, to e-learning and real-time online lectures, educational technology is here to stay.

## Importance of Educational Technology and Role in Teaching

Educational technology simply refers to using various forms of technology to support and enhance the learning process. It also goes by other terms, including instructional technology and e-learning, although they are not totally synonymous. A more accurate definition for educational technology is "technology as it impacts upon the learning process in delivering learning materials, facilitating communication and providing assessment and feedback."

## Popular Forms of Educational Technology

The following list offers a look at some of the most popular forms of educational technology, gaining acceptance at a rapid pace.

## Computers and Laptops

Most classrooms these days, from grades K-12 through colleges, typically have at least one resident computer or laptop. Initiatives on local, state, and national levels sometimes

sponsor and fund drives to equip classrooms with enough computers or laptops for each student. As laptops become less expensive and more compact, they are increasingly popular alternatives to bulkier, stationary desktop computers.

**Educational Software**

The proliferation of computers and laptops in classrooms has created a substantial market for educational software. From simple kindergarten level games to aid students in learning their alphabet and numbers, to senior high level courses in calculus and biology, educational software adds a fun element to learning, while also promoting significant learning skills. In addition to initial instruction, most software programs include reinforcing learning elements, as well as assessments, to further ensure students improve their comprehension and implementation of a subject's concepts.

**Audio, Video, and Other Multimedia Presentations**

Podcasts, streaming videos, PowerPoint, and other forms of multimedia presentations provide an enriched learning experience for students. For instance, teachers can record lectures in podcasts, as well as share other important news and information with students. YouTube has also become a widely used teaching and learning tool. Instructors can post their own instructional videos, while students can likewise create videos depicting projects or other learning experiences.

**Social Media:** There seems to be no end to the uses of social media online. From keeping in touch with friends and family, or promoting a business, on Facebook, to tweeting about activities on Twitter, to setting up social networks on Ning to share resources and tips with like-minded people, to promoting one's academic or business endeavours with a professional profile on LinkedIn – "techno savvy" teachers can incorporate any or all of these forms of technology into the curriculum, depending on students' ages. Students can learn the various technology platforms, of course, but they can also develop social and communication skills, and older students can develop business and professional skills. (See the image of the header from this writer's Ning group – click for larger view)

**E-Learning**

E-learning is the ultimate form of educational technology, at least in this writer's opinion, as a doctoral student in an Educational Department program with a dual concentration in – what else – Educational Technology and E-Learning. Online learning provides one of the most flexible and convenient means to pursue higher education, especially for busy adult learners. Laptops and 24/7 internet access to course materials and virtual classrooms add even greater measures of freedom and manageability to e-learning.

Following is a screenshot from the opening assignment in a new course entitled Instructional Design and Engaging E-Learning Activities, ironically enough. This offers merely one perspective on what a virtual classroom looks like. This screenshot depicts

the assignment for participation in a discussion question in this particular course. Students and the instructor then have the opportunity to respond or comment on other entries.

Technological changes in the education industry have created greater opportunities for teachers and students alike. Teachers incorporate new instructional methodologies as they draw from global resources via the Internet. Students enjoy enhanced learning environments that often include online research, computer-based lessons, or virtual classroom interaction. Other technological changes in education, including online evaluations and assessments, provide new tools for teachers and challenging learning experiences for students. Educational technology has transformed the old one room schoolhouse model into a virtual classroom with a global student body.

## Objectives

Following Objectives are expected to achieve:

1. Develop a vision of classroom teaching with the use of technologies based on big ideas from the course with the understanding that our ideals will be challenged by the realities of Institute.

2. Understand different approaches to curriculum, instruction, assessment, and classroom community/leadership; when to use them; and why.

3. Develop ability to closely observe classroom teaching (curriculum, popular form of technology, pedagogy, assessment, classroom community/leadership), analyze using evidence, and apply lessons learned to one's vision of teaching (for excellence and equity).

## Speakers/Resource Persons

### 1. Dr.P.Sarah, Dean & Professor

Professor, Dr.P.Sarah has twenty four long years of teaching experiences, a great scholar with forty one international conferences paper publication and fourteen national conferences with paper publication that has also authored six books in area of Optical Fibres and Engineering Physics and Chemistry. Her areas of specializations are Ferroelectrics, Sensor Technology and Composite Materials. Her lectures included for the FDP were Role and Importance of Faculty Development Program and Innovative Teaching and Learning. She discussed at length regarding the current practices and methods of teaching and learning how out of box thinking would help the teachers to enhance their teaching. Her focus was to accept the challenges and respond creatively and innovatively.

### 2. Prof. S. Rajendar, Head

Prof. S. Rajendar needs no introduction as he is the head of the department and main resource person for the Faculty Development Program. It was his ideas which were materialized to go ahead with the FDP topic which was discussed at length during the program. He is equipped with thirteen years of teaching experience and several international and national publications. He has co-authored two books with his colleague. His area of specialization is Low Power and High-Performance VLSI Circuit Design and

Interconnect Modelling and Optimisation. For this particular Faculty Development Program he delivered his lectures on Instructional Design, Enhancing Learning Communities through Networking, Active Learning and Creating an Inclusive Classroom.

### 3. Dr.P.Nageswara Rao,Professor

Professor, P. Nageswara Rao is an enthusiastic and energetic faculty who loves to teach and shares his experience with other faculty. He has twenty six years of teaching career in which he has established himself as a great teacher trainer. His area of specialization is Microstrip Antennas. He has several research publications in International and National Journal. His topics for the Faculty Development program were Classroom Management, Educational Assessment, and Role of ICT in Teaching and Learning. His lectures mainly focussed on the role of teacher and instructional material to manage the classroom. He provided the details of Educational Assessment tools which was really helpful and stressed on the role and importance of Information and Communication Technology in the present context. He, further, suggested the faculty to start using technology in order to make teaching and learning meaningful.

## Outcomes

- ❖ Faculty members tried to learn and enhanced teaching and learning environments that often include online research, computer-based lessons, or virtual classroom interaction.
- ❖ Other technological changes in education, including online evaluations and assessments, provide new tools for teachers and challenging learning experiences for students.
- ❖ Educational technology has transformed the old one room schoolhouse model into a virtual classroom with a global student body.
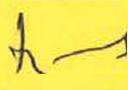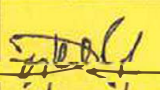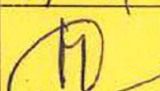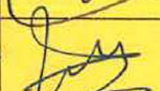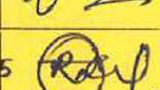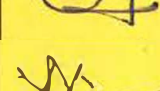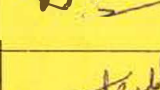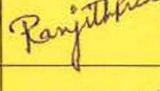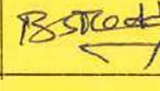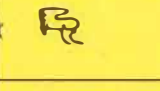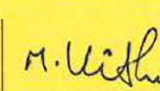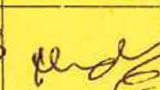
## Conclusion

Educational reform efforts during the 1980s and 1990s played a significant role in the initiation and implementation of educational technology. Many school systems, during school restructuring initiatives, incorporated the technological changes in the educational industry as focal points. Their efforts back then, opened the door for even greater advances of educational technology as the 20th century ended. Computers, educational software, assistive technology, virtual classrooms, and other technological changes in education became more commonplace as the 21st century began. The sessions of A two day workshop was really helpful for the faculty members and helped them to update their knowledge and adopt technology while teaching.

**Head, Freshman Engineering**

# WORKSHOP
# ON
# "ADAPTATION OF TECHNOLOGY FOR TEACHING AND LEARNING"
# 31-05-2017 AND 01-06-2017

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# WORKSHOP
# ON
# "ADAPTATION OF TECHNOLOGY FOR TEACHING AND LEARNING"
# 31-05-2017 AND 01-06-2017

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| 26 | SRIPATHI VANI | VCE | sripathivani@gmail.com | 9100795496 | |
| 27 | M. Pravarsha Reddy | VCE | pravarshareddy03@gmail.com | 903083 1138 | |
| 28 | Bharathi Ghosh | VCE | bharathighosh9511@gmail.com | 8121126215 | |
| 29 | B. Mohan | VCE | mohanbukya@gmail.com | 9977656853 | |
| 30 | Poonam Kshirsagar | CMREC | Poonamskshirsagar@gmail.com | 8897388816 | |

S. Kshirsagar

# WORKSHOP
# ON
# "ADAPTATION OF TECHNOLOGY FOR TEACHING AND LEARNING"
# 31-05-2017 AND 01-06-2017

| S.No | Name | College | Email | Contact | signature |
|------|------|---------|-------|---------|-----------|
| 31 | Dr. G.C. Rao | Vardhaman | dr.gcraochem@gmail.com | 9701290065 | |
| 32 | Dr P. Nageswara Rao | " | nrraop@yahoo.com | 99088 43163 | |
| 33. | Dr. SYED JAHANGIR BADASHAH | CMREC | syd_jahangir@yahoo.co.in | 98492 80509 | |
| 34. | Mirza Nemath Ali Baig | CMR Engineering College | mirzanemath@gmail.com | 903250 1929 | |
| 35 | Hemlatha Sharma | Vardhaman | hemlathaksharma@gmail.com | 92913 89733 | |
| 36 | Dr. Vera maleender | vardhaman | mahenderchava@gmail.com | 9908127744 | |
| 37 | B Dhanraj | vardhen | silver-dhanej@yahoo.co.in | 9441381 799 | |
| 38. | Rajasekhar Reddy | VCE | vce.sekhar@gmai. | 966677 8073 | |
| 39. | T. Satyanarayana | CMREC | satyant234@gmail.co | 9860530 200 | |
| 40. | K. Anusha | CMREC | anu.kondam@gmail.com | 9160702310 | |
| 41. | M.R. Sreelakshmi | CMREC | shreedeepa29@gmail.com | 9014418072 | |
| 42. | B. Dinya vani | CMREC | dinyavani.busarapu@gmail.com | 9502757009 | |
| 43 | P. swapna | VCE | swap.2644@gmail.in | 7396644451 | |
| 44 | D. GANESH | VCE | ganeshsingh2002@gmail.com | 7207513070 | |
| 45 | D. Nagesh | CMREC | nageshtharavath@gmail.com | 9848945805 | |
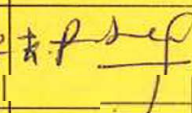
# WORKSHOP
# ON
# "ADAPTATION OF TECHNOLOGY FOR TEACHING AND LEARNING"
## 31-05-2017 AND 01-06-2017

| S.No | Name | College | Email | Contact | signature |
|------|------|---------|-------|---------|-----------|
| 46 | O. LAKSHMI KUSUMA | CMREC | olkusuma@gmail.com | 9177167291 | |
| 47 | E. Sravya | CMREC | sravya.1724@gmail.com | 98855 49176 | |
| 48 | N.L. Aravinda | CMREC | aravindanl@gmail.com | 9000240021 | |
| 49 | G. Divya | CMREC | dha.grs@gmail.com | 9959306585 | Divya |
| 50 | Basava Dhanne | CMREC | basu.dhanne@gmail.com | 7075452516 | |
| 51 | MRUTYUNJAYA.S.Y Alwar. | CMREC | mrutyunjaya.cmrec20@gmail.com | 8884785751 | |
| 52 | Shivkumar Karbari | CMREC | shivu.karbari@gmail.com | 8143041962 | Karbari |
| 53 | Dr B. SUBBARATNAM | VCE | b-subbaratnam@yahoo.in | 9866172101 | |
| 54 | S. RAJENDAR | VCE | s.rajendar@vardhaman.org | 98855 70842 | RJ |
| 55 | G S Prasada Reddy | VCE | gsprasadareddy@vardhaman.org | 7032404205 | |
| 56 | D. Ramakur | VCE | ramenagd7@gmail.com | 798-9633282 | |
| 57 | Dr. S.P. Jena | VCE | skenapjena@gmail.com | 97677 765530 | |
| 58 | Dr. T. Vijay Baby | VCE | tirividhivijaybabu@gmail.com | 89786 32903 | |
| 59 | Vivek Kulkarni | VCE | vivekdlc1971@gmail.com | 986758870 | |
| 60 | B. Tirupathi kumar | VCE | tirupathi.kumar@gmail.com | 9685200088 | |

# WORKSHOP
## ON
## "ADAPTATION OF TECHNOLOGY FOR TEACHING AND LEARNING"
## 31-05-2017 AND 01-06-2017

| S.No | Name | College | Email | Contact | signature |
|------|------|---------|-------|---------|-----------|
| 61 | B. Papacharry | CMREC | biroju.chary@gmail.co | 9949854697 | |
| 62 | Dr. A. Harish sharma | VCE | hari5161@gmail.con | 965 2050805 | |
| 63. | Ms. P. Jaya lakshi | VCE | jaya.perabathula@gm | 9177 817559 | |
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| 65 | A. Karthika | VCE | akki.karthi@gmail.com | 9666665058 | |
| 66 | K. Ramu | VCE | kramuvro@mail.co | 9413778386 | |
| 67 | M. Parameswar | VCE | mparameswer@gmail.com | 7382736788 | |
| 68. | H. Venkateswara Reddy | VCE | h.venkateswarareddy@jollauan.org | 9490915723 67 | |
| 69 | Dr. B. chandra Sekhar Rao | VCE | drbrchandrasekhar@gmail.co | 9000431345 | |
| 70 | C. Sham prasad | VCE | bhasmxlit@gmail.co | 7908301 796 | |
| 71 | Rama gowri reddy | VCE | uvreddy89@gmail.com | 9581267 778 | |
| 72 | P. Kiran kumar | VCE | pamara.kiran@gmail.com | 9666745969 | |
| 73. | M. Mouniko | VCE | mounikam.balaroo | 9249049 1153 | |
| 74. | S. Rama kishore Rally | CMREC | sramki430@gmail.com | 9701200 981 | |
| 75 | D. Bhaskor | CMREC | bhaskor.bvs@gmail.com | 9677240684 | |

# WORKSHOP
## ON
## "ADAPTATION OF TECHNOLOGY FOR TEACHING AND LEARNING"
## 31-05-2017 AND 01-06-2017

| S.No | Name | College | Email | Contact | signature |
|------|------|---------|-------|---------|-----------|
| 76 | Dr. B. Hari Krishna | CMREC | hariknishna070@ gmail-com | 84999644 27 | |
| 77 | D. PRAVEEN KUMAR | CBIT | dalmalkaproveen @gmail.com | 9618080 952 | |
| 78 | A. Ramesh | VCE | ramesh. adavelli @ gmail. com | 9912564253 | |
| 9. | T. Malathi | ASTRA | malathibhuvan@gmail com | 9390016850 | |
| 80. | M. Swapna | ASTRA | swapna0801@ gmail-com | 9100000607 | |
| 81. | Savitha Ramesh | ASTRA | Savitharamesh @ gmail .com | 9100000 81 | |
| 82. | V Uma Maheswari | VCE | umasridhar11@ gmail. com | 9866875331 | |
| 83 | K. Prabhakar | VCE | prabhakarscs@gmail | 970579500 5 | |
| 84 | V. Rama Krishna | VCE | RK. Englishteacher@ gmail | 9963267 995 | |
| 85 | Dr. Md. Taher husin | VCE | Mohamm.ataherhumi.970 @gmail.com | 9441900748 | |
| | | | | | |
| | | | | | |
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| | | | | | |
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# VARDHAMAN COLLEGE OF ENGINEERING

## (AUTONOMOUS)

Shamshabad – 501 218, Hyderabad

**REPORT ON PEDAGOGICAL TRAINING FOR OUTCOME BASED EDUCATION**

## VARDHAMAN COLLEGE OF ENGINEERING

(Autonomous)

SHAMSHABAD, HYDERABAD – 501 218.

### DEPARTMENT OF ELECTRONICS & COMMUNCATION ENGINEERING

ONE WEEK REFRESHER PROGROMME ON

PEDOGOGICAL TRAINING ON OUTCOME BASED EDUCATION

DAYWISE AGENDA
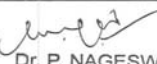
**VENUE:** BLOCK 1 & ROOM NO. 1009

| S.NO | DAY & DATE | SESSION | | |
|------|-----------|---------|---|---|
| | | FORENOON (10:00AM – 1:00PM) | AFTERNOON (2:00PM – 4:30PM) | |
| | | NAME OF THE RESOURCE PERSON & TOPIC TO BE COVERED | NAME OF THE RESOURCE PERSON & TOPIC TO BE COVERED | |
| 1 | 7th MAY 2018 MONDAY | Dr. S. V. RAMANA **Topic:** Blooms Taxonomy and Setting Questions based on Blooms Level in compliance with OBE. | Mr. A. RAJANIKANTH **Topic:** Use of Different ICT Tools and Latest Methods in Teaching. | PROF VIVEK KULKARNI **Topic:** Group Discussion and Role Play Exercises |
| 2 | 8th MAY 2018 TUESDAY | Dr. D. N. REDDY **Topic:** Engineering Education Outcome Based Approach. | Dr. K. HEMA CHANDRA REDDY **Topics:** Development of Self Esteem, Motivation, Personality and Professionalism among the Faculty of Professional Institutions. | |
| 3 | 9th MAY 2018 WEDNESDAY | Dr. K. MALLIKARJUNA BABU & TEAM **Topics:** <br>• Effective Teaching Classroom Communication. <br>• Development of Leadership Team Building and Time Management. <br>• Preparation of Course and Lesson Plan in Compliance with Learning Objectives and Outcomes. <br>• Innovation and Creativity Development in Teachers and Students. | | |
| 4 | 10th MAY 2018 THRUSDAY | Dr. S. VISWANADHA RAJU **Topics:** <br>• CO – PO/PSO Mapping with Justification. <br>• CO and PO/PSO Attainment. | | |
| 5 | 11th MAY 2018 FRIDAY | Dr. H. S. JAIN **Topic:** Case Studies Through Successful Principal Investigators. | Dr. J. V. R. RAVINDRA **Topic:** Formulating Research Grant Proposals | |
| 6 | 12th MAY 2018 SATURDAY | Dr. K. E. SRINIVASA MURTHY **Topic:** ART OF LIVING | FDP QUALIFICATION TEST AND VALIDECTORY | |

**NOTE:**

- TEA BREAK AT 11:15AM - 11:30AM & 3:15PM - 3:30PM
- LUNCH BREAK AT 1:00PM - 2:00PM

Dr. P. NAGESWARA RAO
Professor
Department of ECE
Vardhaman College of Engineering
Hyderabad.

**NAME OF THE INDUCTION PROGRAM:** PEDAGOGICAL TRAINING FOR OUTCOME BASED EDUCATION

**ISTE MEMBERSHIP NUMBER:** IM1151

**UNDER ISTE FACULTY CHAPTER AP-102**

**DETAILS OF COORDINATOR:**

DR P NAGESWARA RAO

PROFESSOR, DEPT. OF ECE,

VARDHAMAN COLLEGE OF ENGINEERING, KACHARAM (V), SHAMSHABAD – 501 218.

**DATES:** FROM 7-5-2018 TO 12-5-2018

**OBJECTIVES:**

THE OBJECTIVE OF THIS INDUCTION PROGRAMME IS TO TRAIN THE YOUNG FACULTY ON PEDAGOGICAL METHODS AND OUTCOME BASED EDUCATION TO MOTIVATE THE FACULTY TO CONTINUE RESEARCH TO GIVE SOLUTIONS TO REAL TIME PROBLEMS FOR BETTER SOCIETY CONTEXT CHANGING THE SCENARIO IN TECHNICAL EDUCATION MAKES THE FACULTY TO UPDATE THEIR KNOWLEDGE IN THEIR FIELD AND FOLLOW THE LATEST METHODS IN TEACHING AND TO HAVE INTERACTIVE ENVIRONMENT IN THE ENVIRONMENT IN THE CLASS CONTENT OF THE PROGRAMME.

1. ENGINEERING EDUCATION OUTCOME BASED APPROACH
2. EFFECTIVE TEACHING CLASSROOM COMMUNICATION
3. SELF ESTEEM MOTIVATION PERSONALITY AND PROFESSIONALISM
4. DEVELIOPMENT LEADERSHIP TEAM BUILDING TIME MANAGEMENT
5. PREPARATION OF COURSE AND LESSON PLAN IN COMPLAINCE WITH
6. LEARNING OBJECTIVES AND OUTCOMES
7. INNIOVATION AND CREATIVITY DEVELOPMENT IN TEACHERS AND STUDENTS
8. ENTREPRENEURSHIP DEVELOPMENT IN STUDENTS
9. GROUP DISCUSSION ROLE PLAY ECERSISES
10. ESSENTIAL COMPONETS OF SPECIFIC RESEARCH
11. SELECTION OF NEED BASED RESEARCH PROBLEMS
12. FORMULATING RESEARCH GRANT PROPOSALS AND DEFUNDING
13. ENTREPRENEURSHIP AND INNOVATION PROGRAMMES
14. SELECTION PF PHD TOPICS AND RESEARCH METHODOLOGY
15. APPLICATION PF IT TOOLS IN RESEARCH IPR PATENTS
16. CASE STUDIES THROUGH SUCCESSFUL PRINCIPAL INVESTIGATORS

**RELEVANCE:**

THIS INDUCTION PROGRAMME IS ESSENTIAL AS VERY FEW ENGINEERING GRADUTES ARE INTERESTED IN TEACHING THERE IS A NEED TO MOTIVATE AND TRAIN THE YOUNG TEACHERS TO CHOOSE TEACHING AS CARRER THIS PROGRAMME IS HIGHLY RELEVENAT TO THE FACULTY WHO HAVE LESS EXPERIENCE IN TEACHING.

**BENEFITS TO FACULTY:**

1. FACULTY GET MOTIVATED TO USE LATEST PEDAGOGOCAL METHODS
2. TO IMPROVE THEIR PERSONALITY
3. FACULTY CAN IMPROVE LEADERSHIP QUA;ITIES SO THAT THEY CAN HANDLE THE CLASS EFFECTIVELY
4. FACULTY CAN BE MOTIVATED TO TAKEUP RESEARCH

**EXPECTED OUTCOMES:**

AT THE END OF THIS PROGRAMME THE FACULTY WILL BE ABLE TO

1. USE DIFFERENT ICT TOOLS AND LATEST METHODS IN TEACHING
2. EFFECTIVE TEACHING OUTCOME BSED EDUCATION

3. FACULTY CAN WRITE RESEARCH PROPOSALS
4. FACULTY WILL KNOW THE IMPROTANCE OF RESEARCH

**NO. AND LEVEL OF PARTICIPANTS:**
40 & FACULTY WORKING IN ENGINEERING COLLEGES WITH LESS EXPERIENCE

**NO. AND LEVEL OF GUEST SPAEKERS:**
EXPECTED 10 FACULTY AND EXPERTS FROM INDUSTRY

**RESOUCE PERSONS:**
1. DR D N REDDY, EX VC, JNTUH
2. DR K MALLIKARJUNA BABU, PRINCIPAL, BMS COLLEGE OF ENGINEERING
3. DR RANGANADH, PROFESSOR, BMS COLLEGE OF ENGINEERING
4. DR VISWANATH RAJU, PROFESSOR, JNTUH
5. DR HEMA CHANDRA REDDY, PROFESSOR, JNTUA
6. DR. S. V. RAMANA, PRINCIPAL, VASAVI COLLEGE OF ENGINEERING, HYDERABAD
7. DR. J. V. R. RAVINDRA, PROFESSOR, VARDHAMAN COLLEGE OF ENGINEERING
8. DR. H. S. JAIN, PROFESSOR, VARDHAMAN COLLEGE OF ENGINEERING



AICTE-ISTE REFRESHER PROGRAMME
One Week National Level Faculty Development Programme (FDP)
PEDAGOGICAL TRAINING FOR OUTCOME BASED EDUCATION
AICTE, New Delhi
and
ISTE Faculty Chapter
Dept. of Electronics and Communication Engineering
Jointly Organized by
7th to 12th May 2018
VARDHAMAN COLLEGE OF ENGINEERING
(AUTONOMOUS)
SHAMSHABAD, HYDERABAD - 501218.

1. Name:
2. Designation:
3. Institution:
4. E-mail:
5. Mobile No.
6. Address for Correspondence:
7. Educational Qualifications with specialization:
8. Subjects taught so far UG & PG :
9. No. of refresher courses/workshops attended:
10. Experience (in years)
    Teaching:
    Research:
    Industry:
11. Accommodation required:    YES / NO
12. ISTE Membership No. :
13. No Registration Fee.

### Declaration

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the FDP and shall attend the course for the entire duration. I also undertake the responsibility to inform the Coordinator in case, I am unable to attend the course.

Place:
Date:                    Signature of the applicant

### SPONSORSHIP CERTIFICATE

Dr./Mr./Ms. ........................... is an employee of our Institute/Organization and is hereby sponsored to participate in the FDP on PEDAGOGICAL TRAINING FOR OUTCOME BASED EDUCATION sponsored by AICTE & ISTE during 07th to 12th May 2018 at Vardhaman College of Engineering, Hyderabad

Place:                   Signature of Head of Institution
                         (with seal)

### PATRON
**Dr. S. Sai Satyanarayana Reddy,** Principal
### COORDINATOR
**Dr. P. Nageswara Rao,** Head, IQAC & Professor
### CO-COORDINATOR
**Mr. J. Krishna Chaitanya,** Associate Professor

### ORGANIZING COMMITTEE :
**Prof. Y. Pandu Rangaiah,** Dept. of ECE
**Dr. V. Srihari,** Dept. of MBA
**Prof. Vivek Kulkarni,** Dept. of CSE
**Dr. M. Gopichand,** Dept. of IT
**Dr. B. Subbaratnam,** Dept. of ME
**Prof. Md. Asif,** Dept. of EEE
**Prof. S. Rajendar,** Dept. of H&S
**Dr. C. Hari Prasad,** Dept. of CE

### ADDRESS FOR CORRESPONDENCE

Mail your application form to
**Dr. P. Nageswara Rao**
Head, IQAC & Professor, Dept. of ECE
Vardhaman College of Engineering
Hyderabad
**nrraop@yahoo.com**
or
**iqac@vardhaman.org**
Mob : 9908843163
or
**Mr. J. Krishna Chaitanya**
Associate Professor, Dept. of ECE,
Vardhaman College of Engineering,
Hyderabad-501218
**j.krishnachaitanya@vardhaman.org**
Ph : 9885052980

### AICTE-ISTE REFRESHER PROGRAMME

**One Week National Level**
**Faculty Development Programme (FDP)**
on

### PEDAGOGICAL TRAINING FOR OUTCOME BASED EDUCATION

**Jointly Organized by**
**AICTE & ISTE**
under
**ISTE Faculty Chapter**
**Dept. of Electronics and Communication Engg.**
**Vardhaman College of Engineering, Hyderabad**
**7th to 12th May 2018**

### VARDHAMAN COLLEGE OF ENGINEERING
(Autonomous)
Shamshabad - 501 218,Hyderabad, T.S.,India
www.vardhaman.org

## About the College

Vardhaman College of Engineering was established in 1999 with an endeavour to impart high quality Technical Education and innovative research in the fields of Engineering technologies, with emphasis on industry oriented programs for development of students as well as faculty. Vardhaman College of Engineering is affiliated to Jawaharlal Nehru Technological University (JNTU), Hyderabad, and is approved by the All India Council for Technical Education (AICTE), New Delhi.

The prime objective of Vardhaman College is to update and modernize the quality of professional education. Its aim is to employ innovative teaching methods which carry an emphasis on fast changing technological trends. This is to integrate classroom learning with actual work experience in the industry concerned or in a related professional field. In the course of continued march towards excellence the VCE was credited with the status of an Autonomous Institution by UGC, Accredited by NAAC with 'A' Grade and five UG programmes (ECE, EEE, CSE, IT, ME) are accredited by NBA.

### RELEVANCE:

This Induction Programme is Essential as very few Engineering Graduates are Interested in Teaching there is a need to motivate and train the young teachers to choose teaching as career. This programme is highly relevant to the faculty who have less experience in teaching.

### NO. AND LEVEL OF PARTICIPANTS:

Limited to 40 & Faculty working in AICTE approved Institutes with First come First Served basis and the faculty must be an ISTE Member.

### BENEFITS TO FACULTY:

1. Faculty Get Motivated to Use Latest Pedagogocal Methods
2. To Improve Their Personality
3. Faculty Can Improve Leadership Qualities So That They Can Handle The Class Effectively
4. Faculty Can Be Motivated To Takeup Research

## EXPECTED OUTCOMES:

At the end of this programme the faculty will be able to

1. Use different ICT tools and latest methods in teaching
2. Effective teaching Outcome Based Education
3. Prepare effective lessons plans
4. Create Team building among students
5. Develop Entrepreneurship Skills

### RESOURCE PERSONS:

1. **Dr. D. N. Reddy,**
   Director, ESCI, Hyderabad.
2. **Dr. K. Mallikarjuna Babu,**
   Principal, BMS College of Engg., Bangalore
3. **Dr. R.V. Ranganadh,**
   Professor, BMS College of Engg., Bangalore
4. **Dr. S. Viswanadha Raju,**
   Professor, JNTU College of Engg., Jagityal, TS
5. **Dr. K. Hema Chandra Reddy,**
   Professor, JNTUA, Ananthapur, A.P.
6. **Dr. J. V. R Ravindra,**
   Professor, Vardhaman College of Engg., Hyderabad
7. **Dr. S.V. Ramana,**
   Principal, Vasavi College of Engg., Hyderabad
8. **Dr. H.S. Jain,**
   Dean R & D, Vardhaman College of Engg., Hyd.
9. **Dr. K.E. Srinivasa Murthy**
   Professor, GPCET, Kurnool.

## OBJECTIVES

The objective of this refresher programme is to train the young faculty on pedagogical methods and outcome based education to motivate the faculty to continue research to give solutions to real time problems for better society context changing the scenario in technical education makes the faculty to update their knowledge in their field and follow the latest methods in teaching and to have interactive environment in the class to deliver content of the programme.

### TOPICS :

1. Engineering Education Outcome Based Approach
2. Effective Teaching Classroom Communication
3. Self Esteem Motivation Personality and Professionalism
4. Development of Leadership Team Building and Time Management
5. Preparation of Course and Lesson Plan in Compliance with learning Objectives and Outcomes
6. Innovation and Creativity Development in Teachers and Students
7. CO-PO/PSO Mapping with Justification and Attainment
8. Entrepreneurship Development in Students
9. Group Discussion Role Play Exercises
10. Formulating Research Grant Proposals
11. Case Studies through Successful Principal Investigators.
12. Blooms Taxonomy and Setting Questions based on blooms level in compliance with OBE.
13. Art of Living.

# VARDHAMAN COLLEGE OF ENGINEERING

Shamshabad, Hyderabad - 501218

**Department of Electronics and communication Engineering**

**In Association with IQAC**

Date: 23-04-2018

## CIRCULAR

The ISTE Faculty Chapter of Vardhaman College of Engineering is conducting an AICTE – ISTE sponsored Refresher Programme on (FDP) PEDOGOGICAL TRAINING FOR OUTCOME BASED EDUCATION from 7th MAY 2018 to 12th MAY 2018. In this connection, I inform you to give wide publicity among your department faculty and other college faculty to participate in this FDP. Certification is done by AICTE – ISTE and 20% of faculty can be from the host institution. (TWO from each department).

**ISTE FACULTY ADVISOR**

**PRINCIPAL**

Principal
VARDHAMAN COLLEGE OF ENGINEERING
Shamshabad, Hyderabad

Copy to:

1. Head ECE
2. Head MBA
3. Head CSE
4. Head IT
5. Head EEE
6. Head ME
7. Head H&S
8. Head CE

*AICTE –ISTE REFRESHER PROGRAMME*

One Week National Level

Faculty Development Programme(FDP)

on

**PEDAGOGICAL TRAINING FOR**

**OUTCOME BASED EDUCATION**

1. Name : Mrs. M.LAVANYA
2. Designation : Associate Professor
3. Institution : Kasi Reddy Narayana Reddy College of
   Engineering and Research
4. E-mail : lavanyareddy.1982@gmail.com
5. Mobile No. : 8885742742,9951141962
6. Address for Correspondence : Plot No.03, Flat No.:320, Surya Saroj Aprts,

   HUDA Complex, Kothapet, Hyderabad-500 035

7. Educational Qualification with Specialization : M.Tech. (CSE)
8. Subjects taught so far UG &PG. : CPDS,C++,JAVA,OS,DAA,LP,WT,OOAD,ASN,IA
9. No. of Refresher courses/workshops attended : ----
10. Experience (in years) : 12 Yrs.
    Teaching : 12 Yrs.
    Research:
    Industry:
11. Accommodation Required : YES/NO  NO
12. ISTE Membership No. : -----
13. No Registration Fee

Declaration

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the FDP and shall attend the course of the entire duration. I also undertake the responsibility to inform the co-ordinator in case, I am unable to attend the course.

Place : Hyderabad

Date : 04.05.2018

4/5/2018

Signature of the applicant.

PRINCIPAL
KASIREDDY NARAYAN REDDY COLLEGE
OF ENGINEERING AND RESEARCH
Abdullapur (V), Ravalnagar (M),
R.R. District-501 505.

1926

# Certificate

This is to certify that Mr./Ms. _N.Ramamurthy_

has successfully completed AICTE-ISTE approved Induction/Refresher Programme

" _Pedagogical Training on Outcome Based Education_ " held during

_7/5/2a8_ to _12/5/2018_ Organized by _Vardhaman College of Eng jineering_

_Hyderabad, Telangana_

**Advisor, AICTE**          **Executive Secretary, ISTE**          **Principal**          **Program Coordinator**

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**Organized International Conference on Advanced Machine Learning an Soft Computing on 22nd and 23rd June 2018 in association with IEEE Computer society chapter, Hyderabad section**

## About the College

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## About the Department

The Department of Mechanical Engineering was established in the year 2006. The department is equipped with well qualified and experienced faculty members, well established laboratories with latest softwares and advanced equipments as per university norms with an emphasis on practical approach and skills. The goal of the Mechanical Engineering Department is to prepare students for becoming competent Mechanical Engineers and is designed to meet a carefully planned set of educational objectives.

## About the FDP

Cross disciplinary engineering is extending beyond the boundaries of traditional engineering disciplines and is finding more and more use in software industries, core industries, homes, sports, fitness to name a few. It is an exciting time in academia and industry where there is an increased use of new techniques involving various disciplines for solving problems in various fields of human life. This FDP is designed in multidisciplinary domain for the benefit of faculty and researchers working in cross disciplinary domains.

## Organizing Committee

**Patrons**

| | |
|---|---|
| Dr. T. Vijender Reddy | Chairman |
| Mr. M. Rajasekhar Reddy | Vice-Chairman |
| Mr. T. Upender Reddy | Secretary |
| Mr. E. Prabhakar Reddy | Treasurer |
| Dr. S. Sai Satyanarayana Reddy | Principal |
| Dr. B. Subbaratnam | HOD, Mechanical |

**Conveners**

| | |
|---|---|
| Dr. K. Deepak | Professor |
| Dr. Mukul Shrivastava | Professor |

**Coordinators**

| | |
|---|---|
| Dr. B. Venkatesh | Professor |
| Mr. N. Srinivasa Reddy | Associate Professor |
| Mr. P. Sarkar | Associate Professor |
| Mr. E. Manoj Kumar | Associate Professor |
| Mr. D. V. Ramana Reddy | Assistant Professor |
| Mr. Anil Kumar V | Assistant Professor |

**Members**

| | |
|---|---|
| Dr. T. Vijaya Babu | Professor |
| Dr. G. Parthasarathi | Professor |
| Mr. M. Ashok Kumar | Associate Professor |
| Mr. T. V. Seshaiah Naidu | Associate Professor |
| Dr. S. Venu Kumar | Associate Professor |
| Dr. Prasanna Shakti Jena | Associate Professor |
| Dr. R. Srinath | Associate Professor |
| Mr. Y. Gajalappa | Associate Professor |
| Mr. V. Sreedhar | Assistant Professor |
| Ms. K. Mani Kumari | Assistant Professor |
| Mr. Ch. Chandramouli | Assistant Professor |
| Mr. G. Ravichandra | Assistant Professor |
| Mrs. P. Poornima Reddy | Assistant Professor |
| Mr. S. Naresh Kumar | Assistant Professor |
| Mr. S. M. Ganghadhar Reddy | Assistant Professor |
| Mr. K. Sairam | Assistant Professor |
| Mr. P. Rama Krishna Reddy | Assistant Professor |
| Mr. M. Vishnuvardhan | Assistant Professor |
| Mr. K. Rajasekhar Reddy | Assistant Professor |
| Ms. U. Pranavi | Assistant Professor |
| Mr. B. Dhanraj | Assistant Professor |
| Mr. Joshi Anoop | Assistant Professor |
| Mr. P. Satyanarayana Raju | Assistant Professor |
| Mr. A. Seshappa | Assistant Professor |

One Week Faculty Development Programme on

## RECENT ADVANCEMENTS
## IN
## CROSS ENGINEERING

**11 - 16 June, 2018**

Organized by
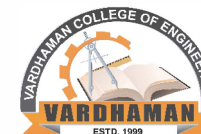


Department of Mechanical Engineering
**In Association with IQAC**

## VARDHAMAN COLLEGE OF ENGINEERING
( Autonomous)
Shamshabad – 501 218, Hyderabad, T. S., India
www.vardhaman.org

## Topics

- ☑ Robotics
- ☑ Nano Materials
- ☑ Image Processing
- ☑ MEMS & Metallurgy
- ☑ Finite Element Methods (FEM)
- ☑ Refrigeration and Air Conditioning
- ☑ Computational Fluid Dynamics (CFD)
- ☑ Additive Manufacturing & 3D Printing

## Objective

This FDP aims at highlighting recent advancements in cross engineering along with the research scope for the persons working in related areas. Recent development of various disciplines has lead to interdisciplinary use of knowledge. This has lead to the concept of cross engineering, meaning use of fundamentals of a discipline in the other core engineering disciplines. The area of research of cross engineering has seen a tremendous growth in recent years.

The objective of this FDP is to introduce the fundamentals of various areas of cross engineering. The primary objective of this FDP is to impart basic knowledge in the area and show its industry /research oriented applications.

## Resource Persons

From IITs, NITs, Various Universities and Industries.

## How to Apply

Please send the filled application form by post along with the DD (in favour of "Vardhaman College of Engineering" payable at HYDERABAD). Scanned copies may be sent by email to deepak045@vardhaman.org

Number of participants are limited to 50 on first cum first serve basis
(Spot Registrations are also accepted)

## Registration Fee

| | |
|---|---|
| Industrial Participants | : Rs. 1500/- |
| Faculty Members | : Rs. 1000/- |
| Research Scholars | : Rs. 750/- |

## Address for Correspondence

**Dr. K. Deepak**

Professor,
Department of Mechanical Engineering
Vardhaman College of Engineering
Shamshabad – 501 218, Hyderabad
Telangana, INDIA.
Tel : +91 9100391045
Email : deepak045@vardhaman.org

## Registration form
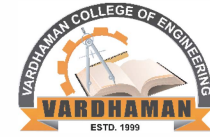
**VARDHAMAN COLLEGE OF ENGINEERING**
( Autonomous)

**One Week Faculty Development Programme**
on
# RECENT ADVANCEMENTS IN CROSS ENGINEERING

**11 - 16 June, 2018**

Name : _____

Designation : _____

Organisation : _____

Mailing Address : _____

_____

Phone No : _____

E-mail ID : _____

Details of Registration fee

Amount : _____ DD / Cash _____

Bank Name : _____ Dated: _____

Date:                    Signature of the applicant
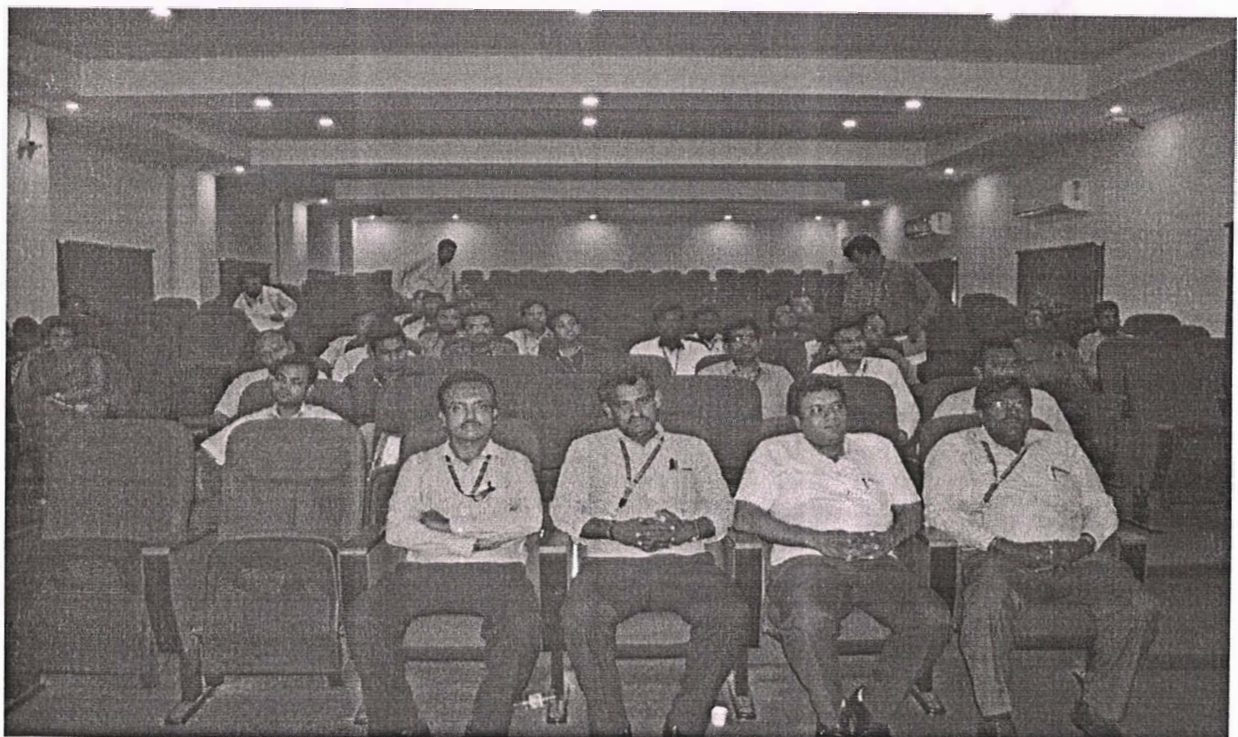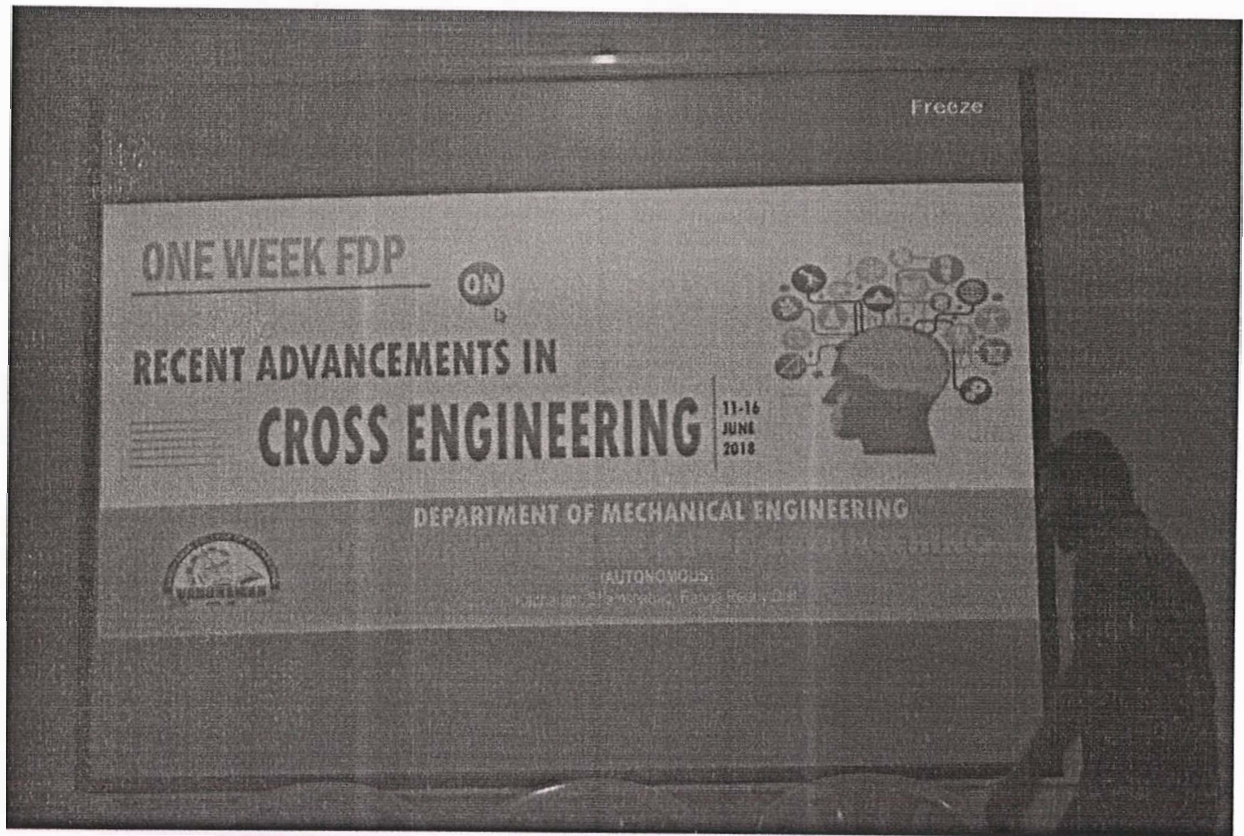
Inaugural function of **Recent Advancements in Cross Engineering**

**Photos taken during Program**
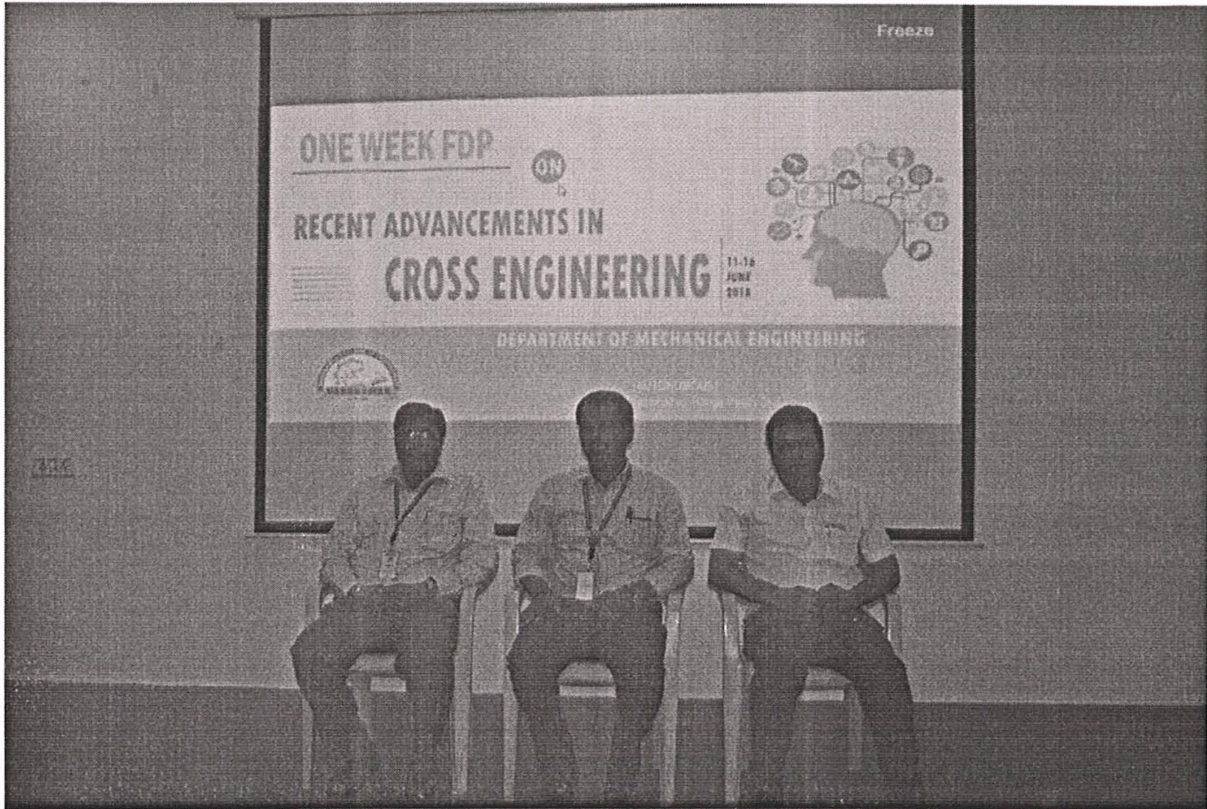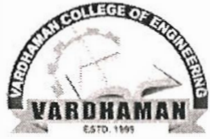
# VARDHAMAN COLLEGE OF ENGINEERING

## (Autonomous)
### Department of Mechanical Engineering

Date: 11-06-18 (FN)

Name of the FDP: **Recent Advancements in Cross Engineering – 11–16 June, 2018**

| S. No. | Name of the Participant | Signature |
|--------|------------------------|-----------|
| 1 | T. V. Seshaiah Naidu | |
| 2 | Dr. Shakti P. Jena | |
| 3 | G. Ravi chandra | |
| 4 | V. Sreedhar | |
| 5 | E. Manoj Kumar | |
| 6 | P. Poornima | |
| 7 | S Naresh. Kumar | |
| 8 | P.SATYANARAYANA RAJU | |
| 9 | B. Dhanraj | |
| 10 | K. Rajasekhar Reddy | |
| 11 | Y. Gaajalappa | |
| 12 | P Sarkar | |
| 13 | M. Ashok kumar | |
| 14 | B. S. venukumar | |
| 15 | Dr. T. Vijay Babu | |
| 16 | Dr. G. Parthasarathi | |
| 17 | G Bhaskar phani Ram | |
| 18 | Dr - Ramadevi | |
| 19 | | |
| 20 | | |

**Coordinators:**

# VARDHAMAN COLLEGE OF ENGINEERING

## (Autonomous)

## Department of Mechanical Engineering

Date: 12-6-18 (FN)

Name of the FDP: **Recent Advancements in Cross Engineering – 11–16 June, 2018**

| S. No. | Name of the Participant | Signature |
|--------|------------------------|-----------|
| 1 | Anil Kumar. V | |
| 2 | Shakti. P. Jena | |
| 3 | M. Vishnu Vardhan | |
| 4 | B. Dhanraj | |
| 5 | K. Rajasekhar Reddy | |
| 6 | Y. Gajalappa | |
| 7 | V. Sreedhar | |
| 8 | Dr. R. Somnath | |
| 9 | Dr. S. Venukumar | |
| 10 | P. Sankar | |
| 11 | N. Srinivasa Reddy | |
| 12 | E. Manoj Kumar | |
| 13 | Dr. Mukul | |
| 14 | S. SRINIVAS | |
| 15 | Dr. M. BHAVANI | |
| 16 | Dr. P. Ramadevi | |
| 17 | G Bhaskar Phani Ram | |
| 18 | T. Ramakrishnaiah | |
| 19 | Mr. Eliyaz Mohammed | |
| | | |

**Coordinators:**

# VARDHAMAN COLLEGE OF ENGINEERING

## (Autonomous)

## Department of Mechanical Engineering

Date: 12/6/18

Name of the FDP: **Recent Advancements in Cross Engineering – 11–16 June, 2018**

| S. No. | Name of the Participant | Signature |
|--------|-------------------------|-----------|
|  | M. Ashok Kumar |  |
|  | Dr. T. Vijay Babu |  |
|  | P. SATYANARAYANA RAJU |  |
|  | ANOOP Toshi |  |
|  | S. Naresh Kumar |  |
|  | T V Seshaiah Naidu |  |
|  | CH. Chandramouli |  |
|  | S. M. Gangadhar Reddy |  |
|  | K. Sairam |  |
|  | P. Vaosu Krishna Reddy |  |
|  | M. Gopi Krishna |  |
|  | K. Mani Kumari |  |
|  | M. Madhavi |  |
|  | Swatha Priyanka |  |
|  | Dr. G. Partha saduthi |  |
|  | Dr. G. Chinna Rao   HBS. |  |
|  | Dr S Janardhana Rao   ECE |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

**Coordinators:**

# FEEDBACK FORM

Name & Designation of Participant: M. Vishnu Vardhan, Asst. Prof

Organisation with address: Vardhaman College of Engg. Shamshabad

Name of the Programme: FDP on **RECENT ADVANCEMENTS in CROSS ENGINEERING (RACE-2018)**

Dates of the Event: **11-16 June, 2018**

## Please tick the appropriate response for the following questions.

**1) Have you found the programme useful ?**

(a) Yes (b) No (c) Can't say (d) I already knew all this

**2) Shall you be using the knowledge gained during this programme in your teaching or for personal professional advancement?**

(a) Yes (b) No (c) Will try (d) There is no new learning

**3) Your overall assessment of the course:**

(a) Waste of time (b) Visit to exotic location (c) Career compulsion (d) Useful (e) No comments

**Please rate the following on a scale of 0-10 in accordance with instructions given against each:**

1. Course Structure and Organisation : ___9___ (Very Poor – 0, Excellent – 10)

2. Course Contents & Selection of Topics ___8___ (Useless and Mundane – 0 Balanced and Innovative – 10)

3. Administration and Logistics ___9___ (Registration, Tea and Snacks etc) ( 0 to 10 )

4. Level of treatment of subject ___8___ (Too Preliminary – 0, Advanced – 10)

5. Overall quality of Theory Lectures ___8___ (Dull and Boring – 0, excellent – 10)

## FINAL REMARKS AND SUGGESTIONS FOR IMPROVEMENT

_____

_____

# FEEDBACK FORM

Name & Designation of <u>Participant</u>: _P-SATYA  NARAYANA  RAJU_

Organisation with address: _VARDHAMAN_

Name of the Programme: FDP on **RECENT ADVANCEMENTS in CROSS ENGINEERING (RACE-2018**)

Dates of the Event: **11-16 June, 2018**

## Please tick the appropriate response for the following questions.

**1) Have you found the programme useful ?**

(a) Yes (b) No (c) Can't say (d) I already knew all this

**2) Shall you be using the knowledge gained during this programme in your teaching or for personal professional advancement?**

(a) Yes (b) No (c) Will try (d) There is no new learning

**3) Your overall assessment of the course:**

(a) Waste of time (b) Visit to exotic location (c) Career compulsion (d) Useful (e) No comments

**Please rate the following on a scale of 0-10 in accordance with instructions given against each:**

1. Course Structure and Organisation : ___8___ (Very Poor – 0, Excellent – 10)

2. Course Contents & Selection of Topics ___9___ (Useless and Mundane – 0 Balanced and Innovative – 10)

3. Administration and Logistics ___9___ (Registration,  Tea  and Snacks etc) ( 0 to 10 )

4. Level of treatment of subject ___8___ (Too Preliminary – 0, Advanced – 10)

5. Overall quality of Theory Lectures ___9___ (Dull and Boring – 0, excellent – 10)
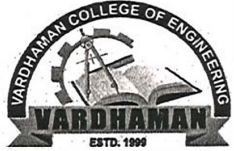
## FINAL REMARKS AND SUGGESTIONS FOR IMPROVEMENT

_____

_____

# VARDHAMAN COLLEGE OF ENGINEERING

(AUTONOMOUS)
Shamshabad, Hyderabad - 501218.

**ONE WEEK**
**FACULTY DEVELOPMENT PROGRAMME**
**ON**
**RECENT ADVANCEMENTS IN CROSS ENGINEERING**

*Certificate of Participation*

This is to certify that Dr / Mr / Mrs  **P. Satyanarayana Raju,  Mech. Engg. Dept.,**

from  **VCE, Hyderabad.**

has participated in one week Faculty Development Programme on **RECENT ADVANCEMENTS IN**

**CROSS ENGINEERING** organized by Department of Mechanical Engineering, Vardhaman College of

Engineering, during *11 - 16 June, 2018.*

**Dr. K. Deepak**
Convenor

**Dr. B. Subbaratnam**
HOD, ME

**Dr. S. Sai Satyanarayana Reddy**
Principal

# VARDHAMAN COLLEGE OF ENGINEERING

(AUTONOMOUS)
Shamshabad, Hyderabad - 501218.

**ONE WEEK**
## FACULTY DEVELOPMENT PROGRAMME
## ON
## RECENT ADVANCEMENTS IN CROSS ENGINEERING

*Certificate of Participation*

This is to certify that Dr / ~~Mr / Mrs~~  T. Vijaya Babu , Mech. Engg. Dept.,

from  V.C.E., Hyderabad.

has participated in one week Faculty Development Programme on **RECENT ADVANCEMENTS IN**

**CROSS ENGINEERING** organized by Department of Mechanical Engineering, Vardhaman College of

Engineering, during **11 - 16 June, 2018.**

**Dr. K. Deepak**
Convenor

**Dr. B. Subbaratnam**
HOD, ME

**Dr. S. Sai Satyanarayana Reddy**
Principal

## ABOUT THE COLLEGE

Vardhaman College of Engineering was established in 1999 with an endeavour to impart high quality Technical Education and innovative research in the fields of Engineering technologies, with emphasis on industry oriented programs for development of students as well as faculty. Vardhaman College of Engineering is affiliated to Jawaharlal Nehru Technological University (JNTU), Hyderabad, and is approved by the All India Council for Technical Education (AICTE), New Delhi.

The prime objective of Vardhaman College of Engineering is to update and modernize the quality of professional education. Its aim is to employ innovative teaching methods which carry an emphasis on fast changing technological trends. This is to integrate classroom learning with actual work experience in the industry concerned or in a related professional field. In the course of continued march towards excellence the college was credited with the status of an Autonomous College by UGC and accredited by NAAC with 'A' Grade.

## ABOUT THE DEPARTMENT

The department of Electrical and Electronics Engineering was established in 2002 and is accredited by National Board of Accreditation (NBA), AICTE. The department has competitive faculty members from prestigious institutions in specializations like Electrical Power Systems, Control systems, Power Electronics and Instrumentations. The department is also offering M. Tech. (Power Electronics and Electrical Drives) from the academic year 2008-2009 with an intake of 18 and is affiliated to Jawaharlal Nehru Technological university.

Objective of the department is to train and educate undergraduate engineering with academic excellence and to develop the student as a competent and responsible citizen with positive attitude, good character, self-confidence and leadership qualities and to keep pace with the rapidly growing technology in the Electrical and Electronics Engineering field. The department has well equipped laboratories to meet the demands of present day international Scenario.

The department organizes National level conferences/ workshops/ seminars frequently for the benefit of faculty and students of various engineering college for meeting the industry standards.

## ORGANIZING COMMITTEE

### PATRONS

| | |
|---|---|
| Dr. T. VIJENDER REDDY | Chairman |
| Sri. T. UPENDER REDDY | Secretary |
| Sri. M. RAJASEKHAR REDDY | Vice-Chairman |
| Sri. E. PRABHAKAR REDDY | Treasurer |

### ADVISOR

| | |
|---|---|
| Dr. S. SAI SATYANARAYANA REDDY | Principal, VCE |

### CONVENER

| | |
|---|---|
| Mr. Md. ASIF | HOD,EEE |

### MEMBERS

| | |
|---|---|
| Dr. H.S.Jain | Professor |
| Dr. T.Sai Rama | Professor |
| Dr. K.Jai Ganesh | Professor |
| Dr.N.Kiran Kumar | Professor |
| Dr. K.Muralidhar Goud | Associate Professor |
| Dr. S.Ravi Varman | Associate Professor |
| Dr.N Karuppaiah | Associate Professor |
| Mr. T.C.Srinivasa Rao | Associate Professor |
| Ms. K.Jyothi | Associate Professor |
| Mr. V.Sharath Babu | Associate Professor |
| Mr. D.Srinivasulu | Associate Professor |
| Mr. K.Kalyan Kumar | Assistant Professor |
| Mr. N.Srinivas | Assistant Professor |
| Mr. A.Rama Krishna | Assistant Professor |
| Dr. U.Ramanjaneya Reddy | Assistant Professor |
| Dr.Imran Sharieff | Assistant Professor |
| Ms. K.Sravanthi | Assistant Professor |
| Ms. P.Harika | Assistant Professor |
| Ms. K.C.Archana | Assistant Professor |
| Ms. B.Vijaya Lakshmi | Assistant Professor |
| Ms. S.Keerthi Sonam | Assistant Professor |
| Ms. A.Maanasa Devi | Assistant Professor |
| Mr. P.Raja Sekhar | Assistant Professor |
| Ms. R.N.V.L.H.Madhuri | Assistant Professor |
| Mr. U.Venkat Reddy | Assistant Professor |
| Mr. A.Anand Kumar | Assistant Professor |
| Mr. V.Pramod Kumar | Assistant Professor |
| Mr. B.Mohan | Assistant Professor |
| Ms. A.Vardhani | Assistant Professor |
| Ms.Shital Vaidya | Assistant Professor |
| Ms. Nishath Quadri | Assistant Professor |
| Ms Fatimaunnissa | Assistant Professor |
| Ms D Revathi | Assistant Professor |

## VARDHAMAN COLLEGE OF ENGINEERING

**(AUTONOMOUS)**
**Shamshabad, Hyderabad-501 218**

### Department of Electrical and Electronics Engineering

## Faculty Development Program On

## Blended Learning Essentials
## 11th- 16th June, 2018

## REGISTRATION FORM

Name: _____

Designation: _____

Department: _____

Organization: _____

Address for correspondence:
_____
_____
_____

| | | |
|---|---|---|
| **Phone** | : | |
| **E mail Id** | : | |
| **Payment Details** | : | |
| **Cheque/D.D/Cash** | : | |
| **Amount paid** | : | |
| **Date** | : | |
| **Place** | : | |

**Signature of the participant**

## TARGET AUDIENCE

- Faculty members from AICTE approved Institutions
- Industry Delegates

## REGISTRATION FEE

- Faculty Members    : Rs. 500/-
- Industry Delegates  : Rs. 750/-

## IMPORTANT DATES

Last date for Receipt of Applications: **08th June 2018**

The filled registration form should be sent by post or by email to  **hodeee@vardhaman.org**

## FACILITIES FOR PARTICIPANTS

Participants will be provided working lunch, tea/snacks along with the FDP kit. The participants are requested to make their own arrangements for Lodging.

## OBJECTIVES OF THE PROGRAM

This course is designed to help you understand the benefits of blended learning and how to make more effective use of technology to support the learners. This course will enable you as a teacher ,trainer or instructor to develop your learners digital skills for successful employment and progress in modern work place.

## COORDINATOR

**1. Mr N. Srinivas**

Assistant Professor,
Department of Electrical and Electronics Engineering
Email   : nakkasrinu@gmail.com
Tel       : +91 9989483439

**2. Mr. A. Anand Kumar**

Assistant Professor,
Department of Electrical and Electronics Engineering
Email   : annavarapuanandkumar@gmail.com
Tel       : +91 9063034759

## Resource Person

**1. Dr.S.Ravi Varman**

Professor,
Department of Electrical and Electronics Engineering
Vardhaman College of Engineering

# Faculty Development Program On Blended Learning Essentials

**11th- 16th June, 2018**

Department of **E**lectrical and **E**lectronics **E**ngineering
VARDHAMAN COLLEGE OF ENGINEERING
**(AUTONOMOUS)**
Shamshabad-**501 218**, Hyderabad
www.vardhaman.org

# VARDHAMAN COLLEGE OF ENGINEERING

(Autonomous)
Shamshabad, Hyderabad

## Department of Electrical and Electronics Engineering

### Faculty Development Program (FDP)
### on
### BLENDED LEARNING ESSENTIALS
(11th - 16th June, 2018)

Venue: Block-3 -3116

## Attendance Sheet

| S. No | Name | 11-06-18 | | | | 12-06-2018 | | | | 13-06-18 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Session1 | Session2 | Session3 | Session4 | Session1 | Session2 | Session3 | Session4 | Session1 | Session2 | Session3 | Session4 |
| 1 | Dr. V. Anandam | P | | | A | | | | | | | | |
| 2 | K. Sreenivas | P | | | | | | A | A | | | | |
| 3 | C. Padmini | P | A | correction | Correction | | | A | A | | | | |
| 4 | S. Keerthi Sonam | P | A | | | | | | | | | | |
| 5 | K. Haleema | P | | | | | | | | | | | |
| 6 | A. Vardhani | P | | | | | | | | | | | |
| 7 | K. C. Archana | P | Archana | Archana | Archana | Archana | Archana | Pappachan correction | Archana | Archana | Archana | | |
| 8 | B. Vijayalakshmi | P | OD | | | | | Time table OD | time-table | | | | |
| 9 | Shital Vaidya | P | OD | Shital | Shital | Shital | Shital | time-table OD | time-table | | | | |
| 10 | R. Madhuri | P | | | | | A | | A | | | | |
| 11 | D. Revathi | P | | | | A | A | A | A | | | | |

| No. | Name | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 12 | V. Sharath Babu | P | *(sign)* OD correction | | OD transdule → | collection → | *(sign)* | *(sign)* | | | |
| 13 | D. Srinivasulu | P | PO 11/6 | PO 11/6 AN | A | PO FN(1) 14/6 | PO FN(2) 12/6 | PO 12/6 | PO 12/6 | PO 13/6 | PO 13/6 |
| 14 | Dr. N. Caruppiah | P | N.K 11/6 | N.K 11/6 | N.K 11/6 | N.K 12/6 | N.K 12/6 | N.K 12/6 | N.K 12/6 | N.K 12/6 | |
| 15 | Dr. K. Muralidhar Goud | P | *(sign)* | *(sign)* | *(sign)* | + transdule − | *(sign)* | *(sign)* | *(sign)* | *(sign)* | |
| 16 | Dr. K. Venkatraman | P | Kej | Kej | Kej | Kej | Kej | Kej | Kej | Kej | |
| 17 | Dr. N. Kiran Kumar | P | A | A | A | *(sign)* | A | A | A | | |
| 18 | K. Jai Ganesh | P | *(sign)* | *(sign)* | *(sign)* | SDP (Non teaching) → | | | | *(sign)* | *(sign)* |
| 19 | A. Rama Krishna | P | OD correction | OD correction | OD correction | OD conclt. | correction OD | correction OD | correction OD | A leave | A leave |
| 20 | C. Satya Kumar | P | PSK | PSK | PSK | PSK | PSK | PSK | PSK | PSK | PSK |
| 21 | Dr. K. Jairam Naik | P | Trip | Trip | Trip | Trip | Trip | Trip | Trip | Trip | Trip |
| 22 | Dr. B. Harish | P | BH | BH | BH | BH | BH | BH | BH | BH | BH |
| 23 | Imran Shariff | P | MD | MD | MD | MD | MD | MD | MD | MD | MD |
| 24 | ch. Sabitha | P | Sabitha | A | A | A | A | A | A | | |
| 25 | V. Uma Maheswari | P | renu | A | A | renu | renu | A | A | | |
| 26 | Bharathi Ghosh | P | Barathi | Barathi | Barathi | Finish → | | A | A | Barathi | Barathi |
| 27 | Fatima Chunisa | P | Fati | Fati | Fati | Fati | OD chief | OD chief | OD → | | |
| 28 | T. C. Srinivasa Rao | P | *(sign)* | A | A | *(sign)* | *(sign)* | *(sign)* | | *(sign)* | *(sign)* |
| 29 | K. Kalyan Kumar | P | OD chief | OD chief | OD chief | OD | OD | *(sign)* | *(sign)* | *(sign)* | *(sign)* |
| 30 | T. Sai Rama | P | A | A | A | B | OD | *(sign)* | *(sign)* | *(sign)* | *(sign)* |

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 31 | B. Mohan | P | B.M | B.M | B.M | B.M | B.M | OD chief B.M | OB B.M | OD chief B.M | |
| 32. | G. Malli Rarjuna Reddy | P | G.MR | G.MR | A | A Invigilation | A | A | | | |
| 33 | M. Deepthi | P | M | M | M | M | M | M | M | M | M |
| 34 | Md. Asif | A | A6 | A6 A6 A6 | | A | A | | | | |
| 35 | N. Srinivas | P | N.S | OD correction | OD | OD correction | OD | correction | | | |
| 36 | A. Ananda kumar | P | AR | AR | AR | AR | AR | AR | A | | |
| 37 | B. Raja Gopal Reddy | OB SDP | OD | OD SDP | OD | A | A | AR | A | A | |
| 38 | A. Manasa Devi | OD chief | OD chief | OD | OD chief | key | key | Meena | Meena | Meena | Meena |
| 39. | S. Laxmi Supaina. | P | Supaina | Supaina | Supaina | Supaina | Supaina | A | A | Supaina | Supaina |
| 40. | Dr. D. Vaishnavi | ICMISC work | ICMISC work | | | | | A | A | | |
| 41 | K. Jyothi | Invigilation BARFOD | Invigilation BARFOD | | | OD Exam duty | OD | | | | |
| 42 | T. Sai Rama | P | — | B. | — | P | B | B | | | |
| 43 | M. Srilatha | P | | | | | | | | | |
| 44 | D. Naga Jyothi | | | | | | | A | A | | |
| 45 | M. Rajani Devi | | | | | | | | | | |
| 46. | Nishath Quadri | OD chief | chief | chief | chief | OD chief | | | A | | |
| 47. | U. Venkata Reddy | | | | | | | | A | | |
| 48 | P. Harika | | | | | | | | | | |
| 49 | V. Pramod kumar | | | | | | | | | | |

FDP in Cancelled

# VARDHAMAN COLLEGE OF ENGINEERING

(Autonomous)

Shamshabad, Hyderabad

## Department of Electrical and Electronics Engineering

*Faculty Development Program (FDP)*

*on*

**BLENDED LEARNING ESSENTIALS**

(11th - 16th June, 2018)

Venue: Block-3 -3116

**Attendance Sheet**

| S. No | Name | 14-06-18 | | | | 15-06-2018 | | | | 16-06-18 | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Session1 | Session2 | Session3 | Session4 | Session1 | Session2 | Session3 | Session4 | Session1 | Session2 | Session3 | Session4 |
| 1 | Dr. v. Anandam | q | q | A | q | | | | | | | | |
| 2 | K. Sreenivas | R | R | | | | | | | | | | |
| 3 | C. Padmini | | | | | | | | | | | | |
| 4 | S. Keerthi Sonam | R | | | | | | | | | | | |
| 5 | K. Haleema | A | | | | | | | | | | | |
| 6 | A. Vardhani | Of | Of | Of | Of | | | | | | | | |
| 7 | K.C. Archana | Archana | Archana | Archana | Archana | | | | | | | | |
| 8 | B. Vijaya lakshmi | | | | | | | | | | | | |
| 9 | Shital vaidya | Shvaidya | Shvaidya | | | | | | | | | | |
| 10 | R. Madhuri | Hy-di | Hy-di | | | | | | | | | | |
| 4 | D. Revathi | R | R | | | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 12 | V. Sharath Babu | | | | | | | | | | | | | |
| 13 | D. Srinivasulu | | | | | | | | | | | | | |
| 14 | Dr. N. karuppiah | | | | | | | | | | | | | |
| 15 | Dr. k. Muralidhar Goud | | | | | | | | | | | | | |
| 16 | Dr. k. Venkatramon. | | | | | | | | | | | | | |
| 17 | Dr. N. kiran kumar | | | | | | | | | | | | | |
| 18 | Dr. k. Jai Ganesh | | | | | | | | | | | | | |
| 19 | A. Rama trishna | | | | | | | | | | | | | |
| 20 | C. Satya kumar | | | | | | | | | | | | | |
| 21 | Dr. k. Jairam Naik | | | | | | | | | | | | | |
| 22 | Dr. B. Harish | | | | | | | | | | | | | |
| 23 | Imran Shariff | | | | | | | | | | | | | |
| 24 | Ch. Sabitha | | | | | | | | | | | | | |
| 25 | V. Uma Maheswari | | | | | | | | | | | | | |
| 26 | Bharathi Ghosh | | | | | | | | | | | | | |
| 27 | Fatima unnisa | | | | | | | | | | | | | |
| 28 | T.C. Srinivasa Rao | | | | | | | | | | | | | |
| 29 | K. Kalyan kumar | | | | | | | | | | | | | |
| 30 | Dr. T. Sai Rama. | | | | | | | | | | | | | |
| 32 | | | | | | | | | | | | | | |

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| | B. Mohan | B. m | B. m | | | | | | | | | | |
| 32 | G. Mallikarjuna Reddy | ang | ang | ang | ang | | | | | | | | |
| 33 | M. Deepthi | # | # | | | | | | | | | | |
| 84 | Md. Asif | | | | | | | | | | | | |
| 35 | N. Srinivas | | | | | | | | | | | | |
| 36 | A. Ananda kumar | AP | | | | | | | | | | | |
| 37 | B. Raja Gopal Reddy | | | | | | | | | | | | |
| 38 | A. Manasa Devi | Meen | Meen | | | | | | | | | | |
| 39 | S. Laxmi Sunaina. | Sunaina | Sunaina | | | | | | | | | | |
| 40 | Dr. D. Vaishnavi | | | | | | | | | | | | |
| 41 | K. Jyothi | | | | | | | | | | | | |
| 42 | M. Srilatha | | | | | | | | | | | | |
| 43 | D. Naga Jyothi | | | | | | | | | | | | |
| 44 | Nishath Quadri | Nish | Nish | Nish | Nish | | | | | | | | |
| 45 | U. Venkat Reddy | | | | | | | | | | | | |
| 46 | R. Harika | | | | | | | | | | | | |
| 47 | V. Pramod Kumar | | | | | | | | | | | | |
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# VARDHAMAN COLLEGE OF ENGINEERING

**(Autonomous)**
**Shamshabad – 501218, Hyderabad.**

## Department of Electrical and Electronics Engineering

### Certificate of Participation

## Faculty Development Program
## On
# Blended learning Essentials

This is to certify that Mr./Ms._____ of

_____has attended a One week Faculty Development

Program on "Blended learning Essentials" organized by Department of Electrical and

Electronics Engineering, Vardhaman College of Engineering from 11th to 16th June, 2018.

**N. SRINIVAS**
**COORDINATOR**

**Md.ASIF**
**HOD,EEE**

**Dr.S.SAI SATYANARAYANA REDDY**
**PRINCIPAL**

**Report on** "Blended Learning Essentials"

A one week faculty development programme on **"Blended Learning Essentials"** was held at Department of Electrical and Electronics Engineering, Vardhaman College of Engineering from 11th June to 16th June, 2018. The FDP is to train the faculty from various engineering colleges. This course is designed to help you understand the benefits of blended learning and how to make more effective use of technology to support the learners. This course will enable you as a teacher, trainer or instructor to develop your learner's digital skills for successful employment and progress in modern work place

**TECHNICAL SESSIONS:**

**1st Day (11-6-2018):**

First day was handled by Dr. S. Ravi Varman, Professor, Vardhaman college of Engineering, Hyderabad. He has delivered a lecture on

1. What is Blended Learning?
2. Teachers and Learners
3. Principles of Blended Learning
4. Systems, Tools and Resources for Blended Learning
5. The Skills for Digital Content Creation

**2nd Day (12-6-2018):**

Dr. S. Ravi Varman, Professor, Vardhaman college of Engineering, Hyderabad has a given a lecture on Word Press: A Content Management System. He said that Word Press is a content management system (CMS) based on PHP and MySQL. Features include a plug-in architecture and a template system, referred to inside Word Press as Themes. Word Press is most associated with blogging (its original purpose when first created) but has evolved to support other types of web content including more traditional mailing lists and forums, media galleries, membership sites, learning management systems (LMS) and online stores. Word Press is one of the most popular content management system (CMS) solutions in use.

**3ⁿᵈ Day (13-6-2018):**

Dr. S. Ravi Varman, Associate Professor, Vardhaman college of Engineering, Hyderabad has delivered a lecture on Padlet: Collaboration in the Classroom. He explains that Padlet is an application to create an online bulletin board that you can use to display information for any topic. Easily create an account and build a new board. You can add images, links, videos, and more. You can return to add more later. Installing Padlet Mini in your browser allows you to add the page you are browsing to your Padlet and gives you a shortcut to view your Padlets.

**4ᵗʰ Day (14-6-2018):**

Dr. S. Ravi Varman, Professor, Vardhaman college of Engineering, Hyderabad. He has talked on Screen cast-o-matic: Video Creation Tool for Education. Further he explained about Create screen cast videos with our screen recorder. It's fast, free and easy to use! Capture your screen, add a webcam and use narration to customize your video.

**5ᵗʰ Day (15-6-2018):**

Dr. S. Ravi Varman, Professor, Vardhaman college of Engineering, Hyderabad. She has given a lecture on Shortcut: Beginner Video Editing Tool. Further he explained about Shortcut is an open source, cross-platform video editor with a wonderfully sleek, intuitive interface. Shortcut supports video, audio, and image formats via FFmpeg. It uses a timeline for non-linear video editing of multiple tracks that may be composed of various file formats.

**6ᵗʰ Day (16-6-2018):**

Dr. S. Ravi Varman, Professor, Vardhaman college of Engineering, Hyderabad, has given a lecture on Web 2.0: Tools for Teaching and Learning. Further he explained that Web 2.0 refers to websites that emphasize user-generated content, ease of use, participatory culture and interoperability (i.e., compatible with other products, systems, and devices) for end users.

**OUTCOME:**

All the sessions were very much informative. The discussed areas are of great benefit in understanding the theoretical concepts and it enables the teacher, trainer or instructor to develop the learners digital skills for successful employment and progress in modern work place.

Entrepreneurship Talk series,Session-2, Vdeliver by Srinivas Madhavam , Gopi Krishna Lingala, Mr.Rahul Kanuganti, Ms.Priyanka Mechineni on 8th July 2017

Conducted two day workshop on data analytics using R –During 27th and 28th October 2017 in association with IEEE Computer society chapter, Hyderabad section

VARDHAMAN COLLEGE OF ENGINEERING
(AUTONOMOUS)
Shamshabad – 501 218, Hyderabad, T. S., India

Sponsored by
IEEE computer society

WORKSHOP ON
DATA ANALYTICS USING "R"

on
27 & 28 OCT 2017

Centre for Data Science, Dept. of CSE

## About the College

Vardhaman Engineering College was established in the year 1999. The Institution aims at imparting quality education to students in Engineering and Technology & Business Management. The focus is on fully fledged development of the students besides excellence in academics.

Since the inception, the institution has been soaring high with its rich tradition of academic environment and on excellent infrastructure with dedicated, experienced and highly qualified faculty. The institute offers CSE, IT, EEE, ECE, Mechanical, and Civil at Bachelor's Level. MCA, MBA & M.Tech CSE, SE, ES, WMC, DECS and PEED at post Graduate level.

## About the Department

Computer Science and Engineering has totally changed the complexion of the quality of life today, with so much of innovative research and development projects impacting everyday life. The scale of the achievement comes from the ability to integrate computer technology with communication technology. The Department of Computer Science and Engineering was established in 1999 with an intake of 60.

CSE is headed by Prof. **Vivek Kulkarni** a senior professor with teaching experience and is ably supported 58 well-qualified vibrant faculties, which includes 7 professors, 14 Associate professors and 36 Assistant professors. This program has been accredited by the National Board of Accreditation (NBA) since 2009.

The department employs modern teaching aids and methodologies helping the students to keep abreast of the latest trends worldwide with updated infrastructure in tune with emerging technologies & future requirements.

The department has been achieving consistently good results. Most of alumni found employment in highly reputed companies in India and abroad and a significantly large number of students have gone for higher studies in India and abroad.

## Resource Persons

- Prof. M.L Sai Kumar
  IPE Hyderabad
- Dr S Sambasiva Rao
  Prof.CSE Dept,VCE
- Dr Hari Shankar Jain
  Prof.EEE Dept,VCE
- Dr. JVR Ravindra
  Prof.ECE Dept,VCE

### Chief Patron

Dr. T.Vijender Reddy (Chairman)

Sri. T. Uppender Reddy (Secretary)

Sri. M.Rajasekhar Reddy (Vice Chairman)

Sri. E.Prabakar Reddy (Treasurer)

### Patron

Dr. S Sai Satyanarayana Reddy (Principal)
Prof Vivek KumalKarni (HOD,CSE)

### Organization Committee

- Mr A Bhanu Prasad Prof CSE
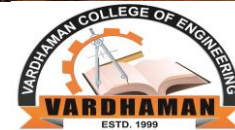- Mrs S Shobha Rani ,Asso.Prof, CSE
- Mr S Venu Gopal ,Asso.Prof, CSE
- Mr S.K Prashanth ,Asso.Prof, CSE
- Mr. B Suresh Kumar, Assistant Professor, CSE

# One Day Faculty Development Program

ON

## "Research Scope and Directions in Modern ERA"

### 21st September 2017





**VARDHAMAN COLLEGE OF ENGINEERING**
**(Autonomous)**
Shamshabad-501 218, Hyderabad
**Computer Science and Engineering**

## About the FDP

A Faculty Development Program (FDP) is designed to train and develop professionals in their research work and to provide proper guidance in research fields.

Faculty Development Program (FDP) aims at equipping teachers with skills and knowledge of emerging technologies.

## Target Audience

The Course is designed for all the faculty members in different Intuitions.

## Registration Fee

Academicians/ Faculty – No Fee
Research scholar/Student – No Fee

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One day Faculty Development Program
On
## "Research Scope and Directions in Modern ERA"
### 21st September 2017
# Registration Form

1. Name                    :

2. Designation             :

3. Department              :

4. Qualifications          :

5. Teaching Experience     :

6. Name of the Institution :

7. Mobile No               :

8. E-mail ID               :

Signature of the Applicant

## Sponsorship by the Head of the Institution

This is to certify that Mr. /Ms_____ of _____ is sponsored to Participate in the Faculty Development Program on "**Research Scope and Directions in Modern ERA**" during 21 September 2017at Vardhaman college of Engineering, Kacharam, Hyderabad.
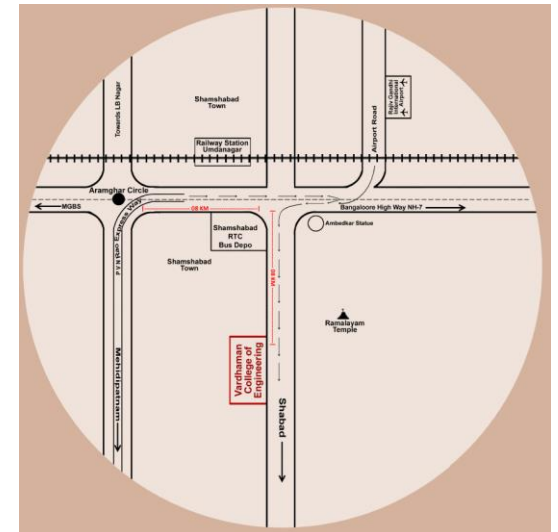
Signature of HOD

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## Address for Communication

**Mr. B Suresh Kumar**
Assistant Professor
Department of CSE
Vardhaman College of Engineering
Karcharam, Hyderabad
Email ID: b.sureshkumar@vardhaman.org
Mobile No: +91 9533444094

## Route Map

# Research Scope and Directions in Modern ERA

**Date: 21-11-2015**

**Forenoon**

| S.No | [Focus on active learning techniques and their demonstration] | [opportunity to interact with trainer] | [Judious mix of concepts, principles, and practices] | [Assignments and tasks are intresting and challenging] | [Organization of FDP and session planning] | [Overall rating of FDP] |
|---|---|---|---|---|---|---|
| 1 | Very Good | Excellent | Very Good | Very Good | Very Good | Very Good |
| 2 | Good | Very Good | Excellent | Good | Very Good | Excellent |
| 3 | Very Good | Excellent | Very Good | Very Good | Very Good | Very Good |
| 4 | Very Good | Excellent | Excellent | Very Good | Excellent | Excellent |
| 5 | Good | Very Good | Good | Good | Very Good | Good |
| 6 | Very Good | Excellent | Excellent | Very Good | Very Good | Excellent |
| 7 | Very Good | Very Good | Excellent | Very Good | Very Good | Excellent |
| 8 | Good | Very Good | Excellent | Good | Very Good | Excellent |
| 9 | Good | Very Good | Good | Good | Good | Good |
| 10 | Very Good | Excellent | Very Good | Very Good | Very Good | Very Good |
| 11 | Good | Very Good | Excellent | Good | Very Good | Excellent |
| 12 | Very Good | Excellent | Very Good | Very Good | Very Good | Very Good |
| 13 | Very Good | Very Good | Excellent | Very Good | Excellent | Excellent |
| 14 | Very Good | Very Good | Very Good | Very Good | Excellent | Very Good |

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|----|----|----|----|----|----|
| 15 | Good | Good | Good | Good | Very Good | Good |
| 16 | Good | Good | Good | Good | Very Good | Good |
| 17 | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent |
| 18 | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent |
| 19 | Average | Average | Good | Average | Good | Good |
| 20 | Very Good | Excellent | Very Good | Very Good | Very Good | Very Good |
| 21 | Good | Very Good | Very Good | Good | Excellent | Very Good |
| 22 | Very Good | Excellent | Excellent | Very Good | Excellent | Excellent |
| 23 | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent |
| 24 | Very Good | Excellent | Excellent | Very Good | Excellent | Excellent |
| 25 | Good | Very Good | Good | Good | Very Good | Good |
| 26 | Very Good | Excellent | Excellent | Very Good | Very Good | Excellent |
| 27 | Very Good | Very Good | Excellent | Very Good | Very Good | Excellent |
| 28 | Good | Very Good | Excellent | Good | Very Good | Excellent |
| 29 | Good | Very Good | Good | Good | Good | Good |
| 30 | Very Good | Excellent | Very Good | Very Good | Very Good | Very Good |
| 31 | Good | Very Good | Excellent | Good | Very Good | Excellent |
| 32 | Very Good | Excellent | Very Good | Very Good | Very Good | Very Good |
| 33 | Very Good | Very Good | Excellent | Very Good | Excellent | Excellent |
| 34 | Very Good | Very Good | Very Good | Very Good | Excellent | Very Good |
| 35 | Good | Good | Good | Good | Very Good | Good |
| 36 | Good | Good | Good | Good | Very Good | Good |
| 37 | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent |
| 38 | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent |
| 39 | Average | Average | Good | Average | Good | Good |

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|---|---|---|---|---|---|
| 40 | Very Good | Excellent | Very Good | Very Good | Very Good | Very Good |
| 41 | Good | Very Good | Very Good | Good | Excellent | Very Good |
| 42 | Very Good | Excellent | Excellent | Very Good | Excellent | Excellent |
| 43 | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent |
| 44 | Very Good | Excellent | Excellent | Very Good | Excellent | Excellent |
| 45 | Good | Very Good | Good | Good | Very Good | Good |
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| 47 | Very Good | Very Good | Excellent | Very Good | Very Good | Excellent |
| 48 | Good | Very Good | Excellent | Good | Very Good | Excellent |
| 49 | Good | Very Good | Good | Good | Good | Good |
| 50 | Very Good | Excellent | Very Good | Very Good | Very Good | Very Good |
| 51 | Good | Very Good | Excellent | Good | Very Good | Excellent |
| 52 | Very Good | Excellent | Very Good | Very Good | Very Good | Very Good |
| 53 | Very Good | Very Good | Excellent | Very Good | Excellent | Excellent |
| 54 | Very Good | Very Good | Very Good | Very Good | Excellent | Very Good |
| 55 | Good | Good | Good | Good | Very Good | Good |

**Afternoon**

| S.No | [Focus on active learning techniques and their demonstration] | [opportunity to interact with trainer] | [Judious mix of concepts, principles, and practices] | [Assignments and tasks are intresting and challenging] | [Organization of FDP and session planning] | [Overall rating of FDP] |
|---|---|---|---|---|---|---|
| 1 | Very Good | Very Good | Very Good | Good | Excellent | Very Good |
| 2 | Excellent | Excellent | Excellent | Very Good | Excellent | Excellent |
| 3 | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent |
| 4 | Excellent | Excellent | Excellent | Very Good | Excellent | Excellent |
| 5 | Good | Very Good | Good | Good | Very Good | Good |
| 6 | Excellent | Excellent | Excellent | Very Good | Very Good | Excellent |
| 7 | Excellent | Very Good | Excellent | Very Good | Very Good | Excellent |
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| 9 | Good | Very Good | Good | Good | Good | Good |
| 10 | Very Good | Excellent | Very Good | Very Good | Very Good | Very Good |
| 11 | Excellent | Very Good | Excellent | Good | Very Good | Excellent |
| 12 | Very Good | Excellent | Very Good | Very Good | Very Good | Very Good |
| 13 | Excellent | Very Good | Excellent | Very Good | Excellent | Excellent |
| 14 | Very Good | Very Good | Very Good | Very Good | Excellent | Very Good |
| 15 | Good | Good | Good | Good | Very Good | Good |
| 16 | Good | Good | Good | Good | Very Good | Good |
| 17 | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent |
| 18 | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent |

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| 19 | Good | Average | Good | Average | Good | Good |
| 20 | Very Good | Excellent | Very Good | Very Good | Very Good | Very Good |
| 21 | Very Good | Very Good | Very Good | Good | Excellent | Very Good |
| 22 | Excellent | Excellent | Excellent | Very Good | Excellent | Excellent |
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| 24 | Excellent | Excellent | Excellent | Very Good | Excellent | Excellent |
| 25 | Good | Very Good | Good | Good | Very Good | Good |
| 26 | Excellent | Excellent | Excellent | Very Good | Very Good | Excellent |
| 27 | Excellent | Very Good | Excellent | Very Good | Very Good | Excellent |
| 28 | Excellent | Very Good | Excellent | Good | Very Good | Excellent |
| 29 | Good | Very Good | Good | Good | Good | Good |
| 30 | Very Good | Excellent | Very Good | Very Good | Very Good | Very Good |
| 31 | Excellent | Very Good | Excellent | Good | Very Good | Excellent |
| 32 | Very Good | Excellent | Very Good | Very Good | Very Good | Very Good |
| 33 | Excellent | Very Good | Excellent | Very Good | Excellent | Excellent |
| 34 | Very Good | Very Good | Very Good | Very Good | Excellent | Very Good |
| 35 | Good | Good | Good | Good | Very Good | Good |
| 36 | Good | Good | Good | Good | Very Good | Good |
| 37 | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent |
| 38 | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent |
| 39 | Good | Average | Good | Average | Good | Good |
| 40 | Very Good | Excellent | Very Good | Very Good | Very Good | Very Good |
| 41 | Very Good | Very Good | Very Good | Good | Excellent | Very Good |
| 42 | Excellent | Excellent | Excellent | Very Good | Excellent | Excellent |
| 43 | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent |

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| 44 | Excellent | Excellent | Excellent | Very Good | Excellent | Excellent |
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| 47 | Excellent | Very Good | Excellent | Very Good | Very Good | Excellent |
| 48 | Excellent | Very Good | Excellent | Good | Very Good | Excellent |
| 49 | Good | Very Good | Good | Good | Good | Good |
| 50 | Very Good | Excellent | Very Good | Very Good | Very Good | Very Good |
| 51 | Excellent | Very Good | Excellent | Good | Very Good | Excellent |
| 52 | Very Good | Excellent | Very Good | Very Good | Very Good | Very Good |
| 53 | Excellent | Very Good | Excellent | Very Good | Excellent | Excellent |
| 54 | Very Good | Very Good | Very Good | Very Good | Excellent | Very Good |
| 55 | Good | Good | Good | Good | Very Good | Good |

**Forenoon**

| S.No | [Focus on active learning techniques and their demonstration] | [opportunity to interact with trainer] | [Judious mix of concepts, principles, and practices] | [Assignments and tasks are intresting and challenging] | [Organization of FDP and session planning] | [Overall rating of FDP] |
|---|---|---|---|---|---|---|
| 1 | Good | Good | Very Good | Good | Excellent | Very Good |
| 2 | Very Good | Very Good | Excellent | Very Good | Excellent | Excellent |
| 3 | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent |
| 4 | Very Good | Very Good | Excellent | Very Good | Excellent | Excellent |
| 5 | Good | Good | Good | Good | Very Good | Good |
| 6 | Very Good | Very Good | Excellent | Very Good | Very Good | Excellent |
| 7 | Very Good | Very Good | Excellent | Very Good | Very Good | Excellent |
| 8 | Good | Good | Excellent | Good | Very Good | Excellent |
| 9 | Good | Good | Good | Good | Good | Good |
| 10 | Very Good | Very Good | Very Good | Very Good | Very Good | Very Good |
| 11 | Good | Good | Excellent | Good | Very Good | Excellent |
| 12 | Very Good | Very Good | Very Good | Very Good | Very Good | Very Good |
| 13 | Very Good | Very Good | Excellent | Very Good | Excellent | Excellent |
| 14 | Very Good | Very Good | Very Good | Very Good | Excellent | Very Good |
| 15 | Good | Good | Good | Good | Very Good | Good |
| 16 | Good | Good | Good | Good | Very Good | Good |
| 17 | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent |
| 18 | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent |
| 19 | Average | Average | Good | Average | Good | Good |

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| 20 | Very Good | Very Good | Very Good | Very Good | Very Good | Very Good |
| 21 | Good | Good | Very Good | Good | Excellent | Very Good |
| 22 | Very Good | Very Good | Excellent | Very Good | Excellent | Excellent |
| 23 | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent |
| 24 | Very Good | Very Good | Excellent | Very Good | Excellent | Excellent |
| 25 | Good | Good | Good | Good | Very Good | Good |
| 26 | Very Good | Very Good | Excellent | Very Good | Very Good | Excellent |
| 27 | Very Good | Very Good | Excellent | Very Good | Very Good | Excellent |
| 28 | Good | Good | Excellent | Good | Very Good | Excellent |
| 29 | Good | Good | Good | Good | Good | Good |
| 30 | Very Good | Very Good | Very Good | Very Good | Very Good | Very Good |
| 31 | Good | Good | Excellent | Good | Very Good | Excellent |
| 32 | Very Good | Very Good | Very Good | Very Good | Very Good | Very Good |
| 33 | Very Good | Very Good | Excellent | Very Good | Excellent | Excellent |
| 34 | Very Good | Very Good | Very Good | Very Good | Excellent | Very Good |
| 35 | Good | Good | Good | Good | Very Good | Good |
| 36 | Good | Good | Good | Good | Very Good | Good |
| 37 | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent |
| 38 | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent |
| 39 | Average | Average | Good | Average | Good | Good |
| 40 | Very Good | Very Good | Very Good | Very Good | Very Good | Very Good |
| 41 | Good | Good | Very Good | Good | Excellent | Very Good |
| 42 | Very Good | Very Good | Excellent | Very Good | Excellent | Excellent |
| 43 | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent |
| 44 | Very Good | Very Good | Excellent | Very Good | Excellent | Excellent |

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| 45 | Good | Good | Good | Good | Very Good | Good |
| 46 | Very Good | Very Good | Excellent | Very Good | Very Good | Excellent |
| 47 | Very Good | Very Good | Excellent | Very Good | Very Good | Excellent |
| 48 | Good | Good | Excellent | Good | Very Good | Excellent |
| 49 | Good | Good | Good | Good | Good | Good |
| 50 | Very Good | Very Good | Very Good | Very Good | Very Good | Very Good |
| 51 | Good | Good | Excellent | Good | Very Good | Excellent |
| 52 | Very Good | Very Good | Very Good | Very Good | Very Good | Very Good |
| 53 | Very Good | Very Good | Excellent | Very Good | Excellent | Excellent |
| 54 | Very Good | Very Good | Very Good | Very Good | Excellent | Very Good |
| 55 | Good | Good | Good | Good | Very Good | Good |

**Afternoon**

| S.No | [Focus on active learning techniques and their demonstration] | [opportunity to interact with trainer] | [Judious mix of concepts, principles, and practices] | [Assignments and tasks are intresting and challenging] | [Organization of FDP and session planning] | [Overall rating of FDP] |
|------|------|------|------|------|------|------|
| 1 | Excellent | Good | Very Good | Good | Excellent | Very Good |
| 2 | Excellent | Very Good | Excellent | Very Good | Excellent | Excellent |
| 3 | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent |
| 4 | Excellent | Very Good | Excellent | Very Good | Excellent | Excellent |
| 5 | Very Good | Good | Good | Good | Very Good | Good |
| 6 | Very Good | Very Good | Excellent | Very Good | Very Good | Excellent |
| 7 | Very Good | Very Good | Excellent | Very Good | Very Good | Excellent |
| 8 | Very Good | Good | Excellent | Good | Very Good | Excellent |
| 9 | Good | Good | Good | Good | Good | Good |
| 10 | Very Good | Very Good | Very Good | Very Good | Very Good | Very Good |
| 11 | Very Good | Good | Excellent | Good | Very Good | Excellent |
| 12 | Very Good | Very Good | Very Good | Very Good | Very Good | Very Good |
| 13 | Excellent | Very Good | Excellent | Very Good | Excellent | Excellent |
| 14 | Excellent | Very Good | Very Good | Very Good | Excellent | Very Good |
| 15 | Very Good | Good | Good | Good | Very Good | Good |
| 16 | Very Good | Good | Good | Good | Very Good | Good |
| 17 | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent |
| 18 | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent |
| 19 | Good | Average | Good | Average | Good | Good |

| | | | | | |
|---|---|---|---|---|---|
| 20 | Very Good | Very Good | Very Good | Very Good | Very Good | Very Good |
| 21 | Excellent | Good | Very Good | Good | Excellent | Very Good |
| 22 | Excellent | Very Good | Excellent | Very Good | Excellent | Excellent |
| 23 | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent |
| 24 | Excellent | Very Good | Excellent | Very Good | Excellent | Excellent |
| 25 | Very Good | Good | Good | Good | Very Good | Good |
| 26 | Very Good | Very Good | Excellent | Very Good | Very Good | Excellent |
| 27 | Very Good | Very Good | Excellent | Very Good | Very Good | Excellent |
| 28 | Very Good | Good | Excellent | Good | Very Good | Excellent |
| 29 | Good | Good | Good | Good | Good | Good |
| 30 | Very Good | Very Good | Very Good | Very Good | Very Good | Very Good |
| 31 | Very Good | Good | Excellent | Good | Very Good | Excellent |
| 32 | Very Good | Very Good | Very Good | Very Good | Very Good | Very Good |
| 33 | Excellent | Very Good | Excellent | Very Good | Excellent | Excellent |
| 34 | Excellent | Very Good | Very Good | Very Good | Excellent | Very Good |
| 35 | Very Good | Good | Good | Good | Very Good | Good |
| 36 | Very Good | Good | Good | Good | Very Good | Good |
| 37 | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent |
| 38 | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent |
| 39 | Good | Average | Good | Average | Good | Good |
| 40 | Very Good | Very Good | Very Good | Very Good | Very Good | Very Good |
| 41 | Excellent | Good | Very Good | Good | Excellent | Very Good |
| 42 | Excellent | Very Good | Excellent | Very Good | Excellent | Excellent |
| 43 | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent |
| 44 | Excellent | Very Good | Excellent | Very Good | Excellent | Excellent |

| | | | | | |
|---|---|---|---|---|---|
| 45 | Very Good | Good | Good | Good | Very Good | Good |
| 46 | Very Good | Very Good | Excellent | Very Good | Very Good | Excellent |
| 47 | Very Good | Very Good | Excellent | Very Good | Very Good | Excellent |
| 48 | Very Good | Good | Excellent | Good | Very Good | Excellent |
| 49 | Good | Good | Good | Good | Good | Good |
| 50 | Very Good | Very Good | Very Good | Very Good | Very Good | Very Good |
| 51 | Very Good | Good | Excellent | Good | Very Good | Excellent |
| 52 | Very Good | Very Good | Very Good | Very Good | Very Good | Very Good |
| 53 | Excellent | Very Good | Excellent | Very Good | Excellent | Excellent |
| 54 | Excellent | Very Good | Very Good | Very Good | Excellent | Very Good |
| 55 | Very Good | Good | Good | Good | Very Good | Good |

One day Faculty Development Program
On

# "Research Scope and Directions in Modern ERA"
### 21st September 2017

# Registration Form

1. Name : S. Ranjith Reddy
2. Designation : Asst. professor
3. Department : CSE
4. Qualifications : M.Tech
5. Teaching Experience : 3 years
6. Name of the Institution : VCE
7. Mobile No : 9666916919
8. E-mail ID : ranjithreddy529@gmail.com

*Signature of the Applicant*
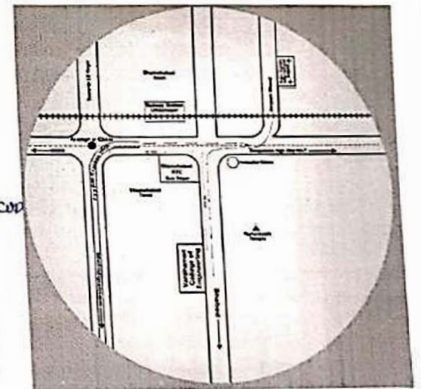
## Sponsorship by the Head of the Institution

This is to certify that Mr. /Ms_____ of _____ is sponsored to Participate in the Faculty Development Program on "Research Scope and Directions in Modern ERA" on 21st September 2017 at Vardhaman college of Engineering, Shamshabad, Hyderabad.

Signature of HOD

## Address for Communication

**Mr. B Suresh Kumar**
Assistant Professor
Department of CSE
Vardhaman College of Engineering
Karcharam, Hyderabad
Email ID: b.sureshkumar@vardhaman.org
Mobile No: +91 9533444094

# Route Map

## About the FDP

Faculty Development Program (FDP) is designed to train and develop professionals in their research work and to provide proper guidance in research fields.

Faculty Development Program (FDP) aims at equipping teachers with skills and knowledge of emerging technologies.

### Target Audience

The Course is designed for all the faculty members in different Institutions.

# No Registration Fee

---

One day Faculty Development Program
On

# "Research Scope and Directions in Modern ERA"
## 21st September 2017

# Registration Form

1. Name : U. PRANAVI
2. Designation : ASSISTANT PROFESSOR
3. Department : MECHANICAL ENGG
4. Qualifications : M.TECH(ED)
5. Teaching Experience : 2.5years
6. Name of the Institution : VARDHAMAN COLLEGE OF ENGINEERING
7. Mobile No : 9866243985
8. E-mail ID : upranavi908@gmail.com

Signature of the Applicant

## Sponsorship by the Head of the Institution

This is to certify that Mr. /Ms _____ of _____ is sponsored to Participate in the Faculty Development Program on "Research Scope and Directions in Modern ERA" on 21st September 2017 at Vardhaman college of Engineering, Shamshabad, Hyderabad.
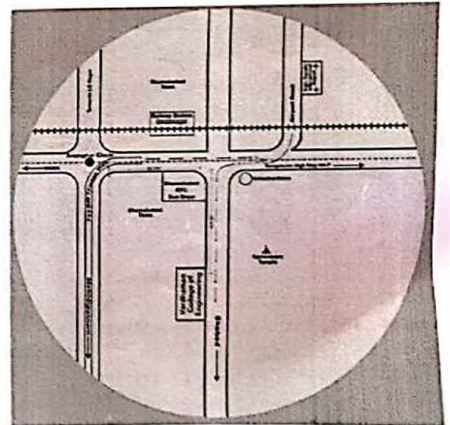
Signature of HOD

---

## Address for Communication

**Mr. B Suresh Kumar**
Assistant Professor
Department of CSE
Vardhaman College of Engineering
Karcharam, Hyderabad
Email ID: b.sureshkumar@vardhaman.org
Mobile No: +91 9533444094

# Route Map

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## Target Audience

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## No Registration Fee

---

One day Faculty Development Program
On

# "Research Scope and Directions in Modern ERA"
### 21st September 2017

# Registration Form

1. Name : K. Mani Kumari
2. Designation : Associate prof
3. Department : ME
4. Qualifications : M.Tech
5. Teaching Experience : 9 Years
6. Name of the Institution : VCE
7. Mobile No : 9704672741
8. E-mail ID : joemari23@gmai com

Signature of the Applicant

## Sponsorship by the Head of the Institution

This is to certify that Mr. /Ms_____ of _____ is sponsored to Participate in the Faculty Development Program on "Research Scope and Directions in Modern ERA" on 21st September 2017 at Vardhaman college of Engineering, Shamshabad, Hyderabad.
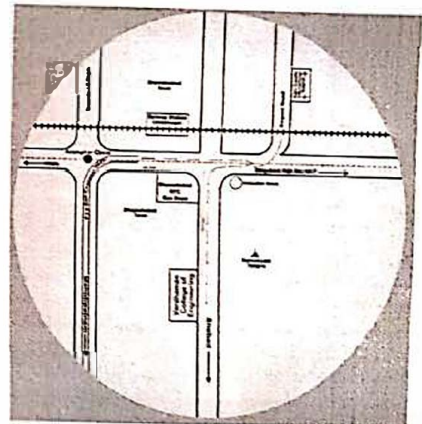
Signature of HOD

---

## Address for Communication

**Mr. B Suresh Kumar**
Assistant Professor
Department of CSE
Vardhaman College of Engineering
Karcharam, Hyderabad
Email ID: b.sureshkumar@vardhaman.org
Mobile No: +91 9533444094

## Route Map

## About the FDP

Faculty Development Program (FDP) is designed to train and develop professionals in their research work and to provide proper guidance in research fields.

Faculty Development Program (FDP) aims at equipping teachers with skills and knowledge of emerging technologies.

## Target Audience

The Course is designed for all the faculty members in different Institutions.

## No Registration Fee

---

One day Faculty Development Program
On
# "Research Scope and Directions in Modern ERA"
### 21st September 2017
# Registration Form

1. Name : ANGAD SESHAPPA
2. Designation : Asst. prof
3. Department : mechanical Engg
4. Qualifications : M.Tech
5. Teaching Experience : 0 year.
6. Name of the Institution : Vardhaman College of Engg
7. Mobile No : 7396050745
8. E-mail ID : SeshusamballPani @ gmai.com

Signature of the Applicant

## Sponsorship by the Head of the Institution

This is to certify that Mr. /Ms_____ of _____ is sponsored to Participate in the Faculty Development Program on "Research Scope and Directions in Modern ERA" on 21st September 2017 at Vardhaman college of Engineering, Shamshabad, Hyderabad.

Signature of HOD

---

## Address for Communication

**Mr. B Suresh Kumar**
Assistant Professor
Department of CSE
Vardhaman College of Engineering
Karcharam, Hyderabad
Email ID: b.sureshkumar@vardhaman.org
Mobile No: +91 9533444094

## Route Map

## About the FDP

Faculty Development Program (FDP) is designed to train and develop professionals in their research work and to provide proper guidance in research fields.

Faculty Development Program (FDP) aims at equipping teachers with skills and knowledge of emerging technologies.

## Target Audience

The Course is designed for all the faculty members in different Institutions.

## No Registration Fee

---

One day Faculty Development Program
On

# "Research Scope and Directions in Modern ERA"
### 21st September 2017

## Registration Form

1. Name              : CH. CHANDRA MOULI
2. Designation       : ASSO. prof
3. Department        : MECHANICAL ENGG
4. Qualifications    : M. Tech
5. Teaching Experience : 9
6. Name of the Institution : Vardhaman College of Engg
7. Mobile No         : 9573081810
8. E-mail ID         : moulimail me@ gmail.com

Signature of the Applicant

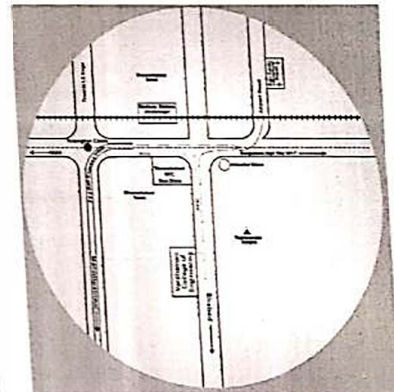## Sponsorship by the Head of the Institution

This is to certify that Mr. /Ms _____ of _____ is sponsored to Participate in the Faculty Development Program on "Research Scope and Directions in Modern ERA" on 21st September 2017 at Vardhaman college of Engineering, Shamshabad, Hyderabad.

Signature of HOD

---

## Address for Communication

**Mr. B Suresh Kumar**
Assistant Professor
Department of CSE
Vardhaman College of Engineering
Karcharam, Hyderabad
Email ID: b.sureshkumar@vardhaman.org
Mobile No: +91 9533444094

## Route Map

# VARDHAMAN COLLEGE OF ENGINEERING

(AUTONOMOUS)

Shamshabad – 501 218, Hyderabad, T. S., India

**IEEE computer society**

## FACULTY DEVELOPMENT PROGRAM - 2017

## Certificate of Participation

This is to certify that Mr. / Ms. _____

of _____ has participated in the Two Days Faculty

Development Program on **"Research Scope and Directions in Modern ERA"** organized

by Department of Computer Science and Engineering at Vardhaman College of

Engineering, Shamshabad, Hyderabad, on 21$^{st}$ & 22$^{nd}$ September, 2017.

**Dr. N. Sambasiva Rao**
Convener

**Dr. S.Sai Satyanarayana Reddy**
Principal

## About the FDP

Faculty Development Program (FDP) is designed to train and develop professionals in their research work and to provide proper guidance in research fields.

Faculty Development Program (FDP) aims at equipping teachers with skills and knowledge of emerging technologies.

## Target Audience

The Course is designed for all the faculty members in different Institutions.

## Registration Fee

- Academicians/ Faculty – No Fee

- Research scholar/Student – No Fee

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One day Faculty Development Program
On
## "Research Scope and Directions in Modern ERA"
### 21st September 2017
# Registration Form

1. Name                    :

2. Designation             :

3. Department              :

4. Qualifications          :

5. Teaching Experience     :

6. Name of the Institution :

7. Mobile No               :

8. E-mail ID               :

Signature of the Applicant

## Sponsorship by the Head of the Institution

This is to certify that Mr. /Ms_____ of _____ is sponsored to Participate in the Faculty Development Program on "Research Scope and Directions in Modern ERA" during 21 September 2017at Vardhaman college of Engineering, Kacharam, Hyderabad.

Signature of HOD

---

## Address for Communication

**Mr. B Suresh Kumar**
Assistant Professor
Department of CSE
Vardhaman College of Engineering
Karcharam, Hyderabad
Email ID: b.sureshkumar@vardhaman.org
Mobile No: +91 9533444094

# Route Map

# VARDHAMAN COLLEGE OF ENGINEERING

### (AUTONOMOUS)

Shamshabad-501 218, Hyderabad

## Department of Computer Science and Engineering

Schedule for one day FDP on

## "Research Scope and Directions in Modern ERA"

### 21 September 2017

| Date | Time | Activity | Speaker |
|------|------|----------|---------|
| 21-09-2017 | 9:30 – 10:00 | **Registrations** | |
| | 10:00 – 11:00 | | Dr S Sambasiva Rao Prof.CSE Dept,VCE |
| | 11:00-11:15 | BREAK | |
| | 11:15 – 12:00 | | Dr Hari Shankar Jain Prof.EEE Dept,VCE |
| | 12:00 – 1:00 | | Dr. JVR Ravindra Prof.ECE Dept,VCE |
| | 1:00-2:00 | BREAK | |
| | 2:00-3:00 | | Prof. M.L Sai Kumar IPE Hyderabad |
| | 3:00-3:15 | BREAK | |
| | 3:15 – 4:00 | | Prof. M.L Sai Kumar IPE Hyderabad |

**HOD, CSE**

## ABOUT THE COLLEGE

Vardhaman College of Engineering was established in 1999 with an endeavour to impart high quality Technical Education and innovative research in the fields of Engineering technologies, with emphasis on industry oriented programs for development of students as well as faculty. Vardhaman College of Engineering is affiliated to Jawaharlal Nehru Technological University (JNTU), Hyderabad, and is approved by the All India Council for Technical Education (AICTE), New Delhi.

The prime objective of Vardhaman College of Engineering is to update and modernize the quality of professional education. Its aim is to employ innovative teaching methods which carry an emphasis on fast changing technological trends. This is to integrate classroom learning with actual work experience in the industry concerned or in a related professional field. In the course of continued march towards excellence the college was credited with the status of an Autonomous College by UGC and accredited by NAAC with 'A' Grade.

## ABOUT THE DEPARTMENT

The department of Electrical and Electronics Engineering was established in 2002 and is accredited by National Board of Accreditation (NBA), AICTE. The department has competitive faculty members from prestigious institutions in specializations like Electrical Power Systems, Control systems, Power Electronics and Instrumentations. The department is also offering M. Tech. (Power Electronics and Electrical Drives) from the academic year 2008-2009 with an intake of 18 and is affiliated to Jawaharlal Nehru Technological university.

Objective of the department is to train and educate undergraduate engineering with academic excellence and to develop the student as a competent and responsible citizen with positive attitude, good character, self-confidence and leadership qualities and to keep pace with the rapidly growing technology in the Electrical and Electronics Engineering field. The department has well equipped laboratories to meet the demands of present day international Scenario.

The department organizes National level conferences/ workshops/ seminars frequently for the benefit of faculty and students of various engineering college for meeting the industry standards.

## ORGANIZING COMMITTEE

### PATRONS

| | |
|---|---|
| Dr. T. VIJENDER REDDY | Chairman |
| Sri. T. UPENDER REDDY | Secretary |
| Sri. M. RAJASEKHAR REDDY | Vice-Chairman |
| Sri. E. PRABHAKAR REDDY | Treasurer |

### ADVISOR

| | |
|---|---|
| Dr. S. SAI SATYANARAYANA REDDY | Principal, VCE |

### CONVENER

| | |
|---|---|
| Mr. Md. ASIF | HOD |

### MEMBERS

| | |
|---|---|
| Dr. H.S.Jain | Professor |
| Dr.T.Sai Rama | Professor |
| Dr. D.Swati | Professor |
| Dr.K.Jai Ganesh | Professor |
| Dr.N.Kiran Kumar | Professor |
| Dr.K.Muralidhar Goud | Associate Professor |
| Dr.S.Ravi Varman | Associate Professor |
| Dr.N Karuppaiah | Associate Professor |
| Mr.T.C.Srinivasa Rao | Associate Professor |
| Ms.K.Jyothi | Associate Professor |
| Mr.V.Sharath Babu | Associate Professor |
| Mr.D.Srinivasulu | Associate Professor |
| Mr.K.Kalyan Kumar | Assistant Professor |
| Mr.N.Srinivas | Assistant Professor |
| Mr. A.Rama Krishna | Assistant Professor |
| Dr.U.Ramanjaneya Reddy | Assistant Professor |
| Mr.Imran Sharieff | Assistant Professor |
| Ms. K.Sravanthi | Assistant Professor |
| Ms. P.Harika | Assistant Professor |
| Ms. K.C.Archana | Assistant Professor |
| Ms. B.Vijaya Lakshmi | Assistant Professor |
| Ms. S.Keerthi Sonam | Assistant Professor |
| Ms. A.Maanasa Devi | Assistant Professor |
| Mr. P.Raja Sekhar | Assistant Professor |
| Ms. R.N.V.L.H.Madhuri | Assistant Professor |
| Mr. U.Venkat Reddy | Assistant Professor |
| Mr.A.Anand Kumar | Assistant Professor |
| Mr. V.Pramod Kumar | Assistant Professor |
| Mr. B.Mohan | Assistant Professor |
| Ms.A.Vardhani | Assistant Professor |
| Ms.Shital Vaidya | Assistant Professor |
| Mr. C.Bhanu Prasad | Assistant Professor |
| Ms.Nishath Quadri | Assistant Professor |

# VARDHAMAN COLLEGE OF ENGINEERING

(AUTONOMOUS)

Shamshabad, Hyderabad-501 218

Department of Electrical and Electronics Engineering

## Faculty Development Program On

## Transformation from Efficient to Effective Teaching

### 29th Nov- 6th Dec, 2017

## REGISTRATION FORM

Name: _____

Designation: _____

Department: _____

Organization: _____

Address for correspondence:

_____

_____

| | | |
|---|---|---|
| Phone | : | |
| E mail Id | : | |
| Payment Details | : | |
| Cheque/D.D/Cash | : | |
| Amount paid | : | |
| Date | : | |
| Place | : | |

Signature of the participant

## TARGET AUDIENCE

- Faculty members from AICTE approved Institutions
- Industry Delegates

## REGISTRATION FEE

- Faculty Members : Rs. 750/-
- Industry Delegates : Rs. 1000/-

## IMPORTANT DATES

Last date for Receipt of Applications: **25ᵗʰNov 2017**

The filled registration form should be sent by post or by email to**hodeee@vardhaman.org**

## FACILITIES FOR PARTICIPANTS

Participants will be provided working lunch, tea/snacks along with the FDP kit.The participants are requested to make their own arrangements for Lodging.

## OBJECTIVES OF THE PROGRAM

The objective of the program is to train the faculty from various engineering colleges in the field of Power Electronics and Renewable Energy Sources to help them in upgrading their knowledge with Intelligent tools in this field. The course also aims to target the research problems and to provide an opportunity for faculty to exchange and share ideas in intelligent tools and related fields. Such programs are essential to update the academia on emerging areas, especially those for which resources are limited at local/national level.

## COORDINATOR

**MrN.Srinivas**

**Mr.B Mohan**

Assistant Professor,
Department of Electrical and Electronics Engineering
Email : nakkasrinu@gmail.com
Tel : +91 8977656853

## Resource Persons

**1.Dr.H S Jain**
 **Professor,Depr of EEE**

**2.Mr.Md Asif**
Associate Professor,Dept of EEE

**3.Mr. B.Raja Gopal Reddy**
AssistantProfessor, Dept of EEE

**4.Ms K.Jyothi**
Associate Professor ,Dept of EEE

**4.Ms K C Archana**
Assistant Professor,Dept of EEE

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**Faculty Development Program**

**On**

**Transformation from Efficient to Effective Teaching**

**29ᵗʰNov- 06ᵗʰ Dec, 2017**
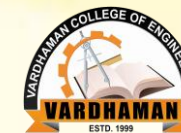
Department of Electrical and Electronics Engineering

**VARDHAMAN COLLEGE OF ENGINEERING**

**(AUTONOMOUS)**
**Shamshabad-501 218, Hyderabad**
**www.vardhaman.org**

# VARDHAMAN COLLEGE OF ENGINEERING

(Autonomous)
Shamshabad, Hyderabad

## Department of Electrical and Electronics Engineering

### Faculty Development Program
### on
### Effective and Efficient Teaching
### 29th Nov - 6th Dec, 2017

**Venue: Block-3**

**Participants: Faculty of EEE**

## Attendance Sheet

| S. No | Name | Designation | College Name | 29-11-17 | 30-11-17 | 01-12-17 | 04-12-17 | 05-12-17 | 06-12-17 |
|---|---|---|---|---|---|---|---|---|---|
| 1 | Dr. N. Kiran Kumar | Professor | VCE | Kiran | Kiran | | Kiran | | Kiran |
| 2 | K. Jyothi | Assoc. Prof | VCE | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 3 | Maanasa Devi. A | Asst. Prof | VCE | Meenu | Meenu | Meenu | Meenu | Meenu | Meenu |
| 4 | B. Vijayalakshmi | Asst Prof | VCE | m | m | | m | | |
| 5 | Dr. K. Muralidhar Gould | Assoc. prof | VCE | M | M | M | M | M | M |
| 6 | Shital Vaidya | Asst Prof | VCE | Shital | | | Shital | Shital | Shital |
| 7 | K.C. Archana | Asst prof | VCE | Archana | Archana | Archana | Archana | Archana | Archana |
| 8 | A. Vardhani | Asst prof | VCE | ay | ay | ay | ay | ay | ay |
| 9 | P. Harika | " " | " | Har | Har | Har | Har | Har | Har |
| 10 | M. Deepthi | " | " | M | M | M | M | | M |
| 11 | K. Kalyan Kumar | " | " | b | b | | | | |
| 12 | T.C. SRINIVASA Rao | Assoc. Prof | VCE | 18 | 18 | 18 | 18 | 18 | 18 |
| 13 | P. Rajasri | Assistn pr | VCE | Rs | | | | Rs | |
| 14 | N. SRINIVAS | Asst. prof | VCE | N | N | | N | | |
| 15 | S. RAVIVARMAN | A ssoc. Prof | VCE | Prey | Pree | | Pree | | Prea |

1

Venue: Block-3
Participants: Faculty of EEE

## Attendance Sheet

| S. No | Name | Designation | College Name | 29-11-17 | 30-11-17 | 01-12-17 | 04-12-17 | 05-12-17 | 06-12-17 |
|---|---|---|---|---|---|---|---|---|---|
| 16 | Nishath Quadri | Asst. Professor | VCE | | | | | | |
| 17 | K. Sravanthi | Asst. Prof | VCE | | | | | | |
| 18 | Dr. D. Swati | Professor | VCE | | | | | | |
| 19 | R. N. V. L. H. Madhuri | Asst. Professor | VCE | | | | | | |
| 20 | C. Bhanuprasad | Asst. Prof | VCE | | | | | | |
| 21 | Imran Sharieff | Asst. Prof | VCE | | | | | | |
| 22 | V. Charath Babu | Asso | VCE | | | | | | |
| 23 | B. Raja Gopal Reddy | Asst. Prof | VCE | | | | | | |
| 24 | Dr. N. Uraasappiah | Asso. Prof. | VCE | N. Y | N. Y | | N. Y | N. Y | N. Y |
| 25 | S. Keerthi Sonam | Asst prof | VCE | | | | | | |
| 26 | K. Jaiganesh. | Professor | VCE | | | | | | |
| 27 | B. Mohan | Asst. prof | VCE | B. M | R. M | B. M | B. M | B. M | B. M |
| 28 | D. SRINIVASULU | Asso. Prof | VCE | | | | | | |
| 29 | U. Venkata Reddy. | Asst. Prof | VCE | | | | | | |
| 30 | A. Ananda Kumar | Asst. prof | VCE | AB | Creath | | | | |
| 31. | Ms. D. Revathi | | VCE | | | | | | |
| 32. | Dr. B. Haris | Associate Prof | VCE | | | | | | |
| 33. | V. Promal kumar | | | | | | | | |

# VARDHAMAN COLLEGE OF ENGINEERING

(Autonomous)

Shamshabad – 501218, Hyderabad.

## Department of Electrical and Electronics Engineering

### Certificate of Participation

## Faculty Development Program
## On
## Transformation from Efficient to Effective Teaching

This is to certify that _____ of Department of Electrical and Electronics has attended a One week FDP on "Transformation from Efficient To Effective Teaching" organized by Department of Electrical and Electronics Engineering, Vardhaman College of Engineering from 29th Nov - 6th Dec, 2017.

**B. MOHAN**
**COORDINATOR**

**Md.ASIF**
**HOD,EEE**

**Dr.S.SAI SATYANARAYANA REDDY**
**PRINCIPAL**

**Report on** "Transformation from Efficient to Effective Teaching"

A one week faculty development programme on **"Transformation from Efficient to Effective Teaching"** was held at Department of Electrical and Electronics Engineering, Vardhaman College of Engineering from 26th November to 6th December, 2017. The FDP is to train the faculty from various engineering colleges how to implement Innovative Classroom Strategies. The course also aims to making the teaching–learning process an interesting, engaging, and worthwhile experience is also of prime importance for the teachers. Such programs are essential to update the academia on teaching–learning process, Technology in the classroom, Professional development.

**TECHNICAL SESSIONS:**

**1st Day (29-11-2017):**

First day was handled by Dr. H.S. Jain, Professor, Vardhaman college of Engineering, Hyderabad. He has delivered a lecture on Implementing Innovative Classroom Strategies. He explains the role of every teacher should aims to overcome the above mentioned challenge efficiently. In order to do so, they should implement out-of-the-box teaching–learning strategies. This would make classroom sessions more interesting and would create a positive ambience of teacher–student interaction. The below mentioned strategies can assist in reinventing teaching methods and upgrade classroom sessions.

**2nd Day (30-11-2017):**

Dr. H.S. Jain, Professor, Vardhaman college of Engineering, Hyderabad has a given a lecture on Incorporating Creativity in Classroom. He said that Teachers can nurture the creative side of the students by conducting special classroom activities related to the curriculum. They can utilize various tools to stimulate students' creativity. Including interesting games, visual exercises, power point presentations, images, and videos can excite students' minds and attract their interest. Teachers should identify every student's inventive abilities and encourage creative contributions. Bringing creativity in every subject and giving students the freedom to explore can work wonders.

**3<sup>nd</sup> Day (1-12-2017):**

Mr. Md Asif, Associate Professor, Vardhaman college of Engineering, Hyderabad has delivered a lecture on Using Audio–Video Teaching Aid. He explains that teachers can supplement textbook content by conducting audio–visual sessions in the classroom. Various tools like models, pictures, films, videos, info graphics, and so on can provide the scope for students' imagination to thrive. These techniques can boost their creativity and their ability to concentrate and understand concepts better. For example, if teachers play short videos about historical events and chemical experiments in the classroom, it can clarify various doubts that students have in their minds.

**4<sup>th</sup> Day (2-12-2017):**

Mr. B. Raja Gopal Reddy, Associate Professor, Vardhaman college of Engineering, Hyderabad. He has talked on Connecting with the Real World and explained that teachers can infuse real-life experiences and examples to conduct fresh and enriching sessions.

**5<sup>th</sup> Day (4-12-2017):**

Ms K. Jyothi, Associate Professor, Vardhaman college of Engineering, Hyderabad.  She has given a lecture on Brainstorming can Work Wonders and explains about Conducting brainstorming sessions in the classroom widens the scope of nurturing creativity. When a group of students discuss and work together on a single idea, numerous ideas will be generated.

**6<sup>th</sup> Day (5-12-2017):**

Mr. Md Asif, Associate Professor, Vardhaman college of Engineering, Hyderabad, has given a lecture on Role play is an Effective Tool. Further he explained that it can be useful while teaching literature, history, or lessons on current affairs.

**7<sup>th</sup> Day (6-12-2017):**

Ms K C Archana, Assistant Professor, Vardhaman college of Engineering, Hyderabad, has given a lecture on Stepping outside the Classroom. Further she explained that by Confining within the boundaries of the classroom is not always sufficient for educational excellence

**OUTCOME:**

All the sessions were very much informative. The prime motive is to make sure that the ideas are thoroughly explained to the students. They aim to impart each lesson in such a way

that it creates a lasting impression on their minds. Another important aspect that concerns teachers is how to continuously hold the attention of the student throughout a classroom session. Making the teaching–learning process an interesting, engaging, and worthwhile experience is also of prime importance for the teachers.

# VARDHAMAN COLLEGE OF ENGINEERING

21-10-2017

To
Dr. Mallikharjuna Babu K
Principal
BMS College of Engineering

From
Dr. S. Sai Satyanarayana Reddy
Principal
Vardhaman College of Engineering

Sir,

**Sub:** Mentoring and Guidance requested for NBA Accreditation Process and Outcome Based
Education – Reg.

We are here by inviting your expertise mentoring and guidance in the process of NBA
Accreditation and Outcome Based Education practice in our organization. In this connection we
are requesting you to depute your resource persons to organize hands-on sessions on Outcome
Based Education for our faculty under your supervision for the following departments.

1. Computer Science and Engineering
2. Information Technology
3. Electronics and Communication Engineering
4. Electrical and Electronics Engineering
5. Mechanical Engineering
6. Civil Engineering
7. Master of Business Administration

Thanking you sir.

PRINCIPAL
PRINCIPAL
VARDHAMAN COLLEGE OF ENGINEERING
Shamshabad, Hyderabad.

# CEEE

## CENTRE OF EXCELLENCE IN ENGINEERING EDUCATION, BENGALURU

**Day 1: November 6, 2017**

| SESSION | TIME | SPEAKER | TOPIC(s) | | | |
|---|---|---|---|---|---|---|
| | 09:00 to 09:30 | REGISTRATION AND NETWORKING | | | | |
| 1 | 09:30 to 11:00 | Dr K Mallikharjuna Babu | Overview of the Workshop, Quality Assurance & OBE | | | |
| | 11:00 to 11:30 | COFFEE BREAK AND NETWORKING | | | | |
| 2 | 11:30 to 13:00 | Dr R V Ranganath | o Define Vision, Mission, PEO & Attainment of PEO<br>o Define PO/PSO | | | |
| 3 | 13:00 to 13:30 | BREAKOUT SESSION-1 | | | | |
| | | Group: A- CS & IT<br>Prof. Guruprasad | Group: B - EE & EC<br>Prof. Seshachalam | Group: C - CV & HSS<br>Prof. R V Ranganath | Group: D - ME & MBA<br>Prof. R. Suresh Kumar | |
| | 13:30 to 14:30 | LUNCH BREAK | | | | |
| 4 | 14:30 to 16:00 | Dr H S Guruprasad | o Define CO & How to write COs<br>o CO-PO Mapping | | | |
| | 16:00 to 16:30 | TEA BREAK AND NETWORKING | | | | |
| 5 | 16:30 to 17:30 | BREAKOUT SESSION-2 | | | | |
| | | Group:A - CS & IT<br>Prof. Guruprasad | Group: B- EE & EC<br>Prof. Seshachalam | Group: C- CV & HSS<br>Prof. R V Ranganath | Group: D- ME & MBA<br>Prof. R. Suresh Kumar | |
| 6 | 17:30 to 18:00 | PANEL DISCUSSION | | | | |

**Day 2: November 6, 2017**

| SESSION | TIME | SPEAKER | TOPIC(s) | | | |
|---|---|---|---|---|---|---|
| 7 | 09:00 to 09:15 | Dr K Mallikharjuna Babu | Recap of first day proceedings (sessions 1 through 5) | | | |
| 8 | 09:15 to 10:15 | Dr O Seshachalam | o Computing the Attainment of CO/PO/PSO<br>o Continuous Improvement through the attainments | | | |
| 9 | 10.15 to 10.45 | Dr.Suresh Kumar | o Course File | | | |
| | 10.45 to 11.15 | COFFEE BREAK AND NETWORKING | | | | |
| 10 | 11:15 to 12:00 | BREAKOUT SESSION-3 | | | | |
| | | Group: A- CS & IT<br>Prof. Guruprasad | Group: B- EE & EC<br>Prof. Seshachalam | Group: C- CV & HSS<br>Prof. R V Ranganath | Group: D- ME & MBA<br>Prof. R. Suresh Kumar | |
| 11 | 12:00 to 13.00 | Dr R V Ranganath | Faculty contribution and Student Performance | | | |
| 12 | 13:00 to 13.30 | PANEL DISCUSSION & CONCLUDING REMARKS | | | | |

# VARDHAMAN COLLEGE OF ENGINEERING

(AUTONOMOUS)

Shamshabad– 501 218, Hyderabad

05-11-2017

### List of Faculty Attend Outcome Based Education Workshop from H&S & Civil

**Room No: 1002**

| S No | Name of the Faculty | Designation | Department | Sign |
|------|---------------------|-------------|------------|------|
| 1. | Dr. Hari Prasad Chennarapu | Professor | Civil | |
| 2. | Dr. G. V. Krshna Reddy | Professor | Civil | |
| 3. | Dr. Pradeep Kumar | Associate Professor | Civil | |
| 4. | Mr. Jonna Rohanreddy | Assistant Professor | Civil | |
| 5. | Ms. Talasila Bhavani Chowdary | Assistant Professor | Civil | |
| 6. | Mr. Challapally Kireety | Assistant Professor | Civil | |
| 7. | Ms V Renuka | Assistant Professor | Civil | |
| 8. | Dr. Pasala Sarah | Professor | Physics | |
| 9. | Dr. Anji Reddy Polu | Professor | Physics | |
| 10. | Dr. Shashl Siddi Devi | Professor | Physics | |
| 11. | Dr. Srinivasa Reddy Bireddy | Assistant Professor | Chemistry | |
| 12. | Dr. Shankaraiah Pagilla | Assistant Professor | Chemistry | |
| 13. | Mr G Ravi Kumar | Assistant Professor | Chemistry | |
| 14. | Dr. Srinivas Reddy Dhonthi | Professor | Mathematics | |
| 15. | Ms. Kavitha Vanga | Professor | Mathematics | |
| 16. | Mr. V Lakshmi Narayana | Associate Professor | Mathematics | |
| 17. | Mr K Santosh Reddy | Associate Professor | Mathematics | |
| 18. | Mr B Chandra Sekhar | Assistant Professor | Mathematics | |
| 19. | Dr. Betham Kranthi Kumari | Associate Professor | English | |
| 20. | Mr. Dhumal Nandkumar Suraj | Assistant Professor | English | |
| 21. | Dr. Sridarala Ramu | Associate Professor | Environmental Science | |

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# VARDHAMAN COLLEGE OF ENGINEERING

**(AUTONOMOUS)**

Shamshabad– 501 218, Hyderabad

05-11-2017

### List of Faculty Attend Outcome Based Education Workshop from CSE & IT

**Room No: 1003**

| S No | Name of the Faculty | Designation | Department | Sign |
|------|---------------------|-------------|------------|------|
| 1. | Dr. S. Sai Satyanarayana Reddy | Professor and Principal | CSE | |
| 2. | Prof. Vivek Kulkarni | Professor | CSE | |
| 3. | Dr. M A Jabbar | Professor | CSE | |
| 4. | Dr. Ramesh Shahabadkar | Professor | CSE | |
| 5. | Mr. A. Bhanu Prasad | Professor | CSE | |
| 6. | Dr. Nageswararao Sirisala | Associate Professor | CSE | |
| 7. | Mr. S K Prashanth | Associate Professor | CSE | |
| 8. | Mr. Satya Kumar Choudhary | Associate Professor | CSE | |
| 9. | Mr. S. Nagarjuna Reddy | Associate Professor | CSE | |
| 10. | Mrs. S. Shoba Rani | Associate Professor | CSE | |
| 11. | Mr. Jayanti Phani Prasad | Assistant Professor | CSE | |
| 12. | Mr. S. Ranjith Reddy | Assistant Professor | CSE | |
| 13. | Mrs. V. Uma Maheswari | Assistant Professor | CSE | |
| 14. | Dr. M. Gopi chand | Professor & HOD | IT | |
| 15. | Ms. E.R. Aruna | Professor | IT | |
| 16. | Dr. V. Muni Sekhar | Professor | IT | |
| 17. | Dr. N. Anil Kumar | Professor | IT | |
| 18. | Mr. K. Prabhakar | Associate Professor | IT | |
| 19 | K. Srinivasa Rao | Asst professor | IT | |
| 20 | S Surender Reddy | Asst professor | CSE | |

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# VARDHAMAN COLLEGE OF ENGINEERING

(AUTONOMOUS)

Shamshabad– 501 218, Hyderabad

05-11-2017

**List of Faculty Attend Outcome Based Education Workshop from MECH & MBA**

**Room No: 1004**

| S No | Name of the Faculty | Designation | Department | Sign |
|------|---------------------|-------------|------------|------|
| 1. | Dr. V Sreehari | Professor | MBA | |
| 2. | Ms. K. Jaahnavi | Associate Professor | MBA | |
| 3. | Mr. G. Ramesh | Associate Professor | MBA | |
| 4. | Dr. B. Subbaratnam | Professor & HOD | MECH | |
| 5. | Dr. T. Vijaya Babu | Professor | MECH | |
| 6. | Dr. G. Parthsarathi | Professor | MECH | |
| 7. | Dr. S. Venu Kumar | Professor | MECH | |
| 8. | Prof. N. Srinivas Reddy | Professor | MECH | |
| 9. | Dr. K. Deepak | Professor | MECH | |
| 10. | Mr. D. V. Raman Reddy | Associate Professor | MECH | |
| 11. | Mr. V. Sreedhar | Associate Professor | MECH | |
| 12. | Mr. E. Manoj Kumar | Associate Professor | MECH | |
| 13. | Mrs K Mani kumari | Associate Professor | MECH | |
| 14. | Mr. K. Sai ram | Assistant Professor | MECH | |
| 15. | Mr. B. Dhanraj | Assistant Professor | MECH | |
| 16. | Mr Satyanarayana Raju Penmatsa | Assistant Professor | MECH | |
| 17. | Mrs P Poornima | Assistant Professor· | MECH | |
| 18. | Mr A Seshappa | Assistant Professor | MECH | |

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# VARDHAMAN COLLEGE OF ENGINEERING
**(AUTONOMOUS)**
Shamshabad– S01 218, Hyderabad

05-11-2017

## List of Faculty Attend Outcome Based Education Workshop from ECE & EEE

### Room No: 1009

| S No | Name of the Faculty | Designation | Department | Sign |
|------|---------------------|-------------|------------|------|
| 1. | Prof. Y. Pandurangaiah | Professor & Head | ECE | |
| 2. | Dr. J. V. R. Ravindra | Professor | ECE | |
| 3. | Dr. P. Nageswara Rao | Professor | ECE | |
| 4. | Dr. Ch. Subrahmanyam | Professor | ECE | |
| 5. | Prof. S. Rajendar | Professor | ECE | |
| 6. | Dr. S. Karunakaran | Professor | ECE | |
| 7. | Mr. J. Krishna Chaitanya | Associate Professor | ECE | |
| 8. | Ms. C. Padmini | Associate Professor | ECE | |
| 9. | Mrs. M. Srilatha | Associate Professor | ECE | |
| 10. | Mr. K. H. Murali | Associate Professor | ECE | |
| 11. | Mr. P Srikanth | Associate Professor | ECE | |
| 12. | Mr. M. Gopi Krishna | Associate Professor | ECE | |
| 13. | Dr. S. Janardhana Rao | Associate Professor | ECE | |
| 14. | Mr. M. Nagarjuna | Assistant Professor | ECE | |
| 15. | Mr. R. Phani Vidyadhar | Assistant Professor | ECE | |
| 16. | Dr. N. Kiran Kumar | Professor | EEE | |
| 17. | Mr. Md Asif | Associate Professor & HOD | EEE | |
| 18. | Dr. S. Ravi Varman | Associate Professor | EEE | |
| 19. | Mr. T. C. Srinivasa Rao | Associate Professor | EEE | |
| 20. | Ms. K. Jyothi | Associate Professor | EEE | |
| 21. | Mr. B. Raja Gopal Reddy | Associate Professor | EEE | |
| 22. | Mr. N Srinivas | Assistant Professor | EEE | |
| 23. | Ms. S. Keerthi Sonam | Assistant Professor | EEE | |

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# VARDHAMAN COLLEGE OF ENGINEERING

## (AUTONOMOUS)

### Shamshabad– 501 218, Hyderabad

06-11-2017

### List of Faculty Attend Outcome Based Education Workshop from ECE & EEE

**Room No: 1009**

| S No | Name of the Faculty | Designation | Department | Sign |
|------|---------------------|-------------|------------|------|
| 1. | Prof. Y. Pandurangaiah | Professor & Head | ECE | |
| 2. | Dr. J. V. R. Ravindra | Professor | ECE | |
| 3. | Dr. P. Nageswara Rao | Professor | ECE | |
| 4. | Dr. Ch. Subrahmanyam | Professor | ECE | |
| 5. | Prof. S. Rajendar | Professor | ECE | |
| 6. | Dr. S. Karunakaran | Professor | ECE | |
| 7. | Mr. J. Krishna Chaitanya | Associate Professor | ECE | |
| 8. | Ms. C. Padmini | Associate Professor | ECE | |
| 9. | Mrs. M. Srilatha | Associate Professor | ECE | |
| 10. | Mr. K. H. Murali | Associate Professor | ECE | |
| 11. | Mr. P Srikanth | Associate Professor | ECE | |
| 12. | Mr. M. Gopi Krishna | Associate Professor | ECE | |
| 13. | Dr. S. Janardhana Rao | Associate Professor | ECE | |
| 14. | Mr. M. Nagarjuna | Assistant Professor | ECE | |
| 15. | Mr. R. Phani Vidyadhar | Assistant Professor | ECE | |
| 16. | Dr. N. Kiran Kumar | Professor | EEE | |
| 17. | Mr. Md Asif | Associate Professor & HOD | EEE | |
| 18. | Dr. S. Ravi Varman | Associate Professor | EEE | |
| 19. | Mr. T. C. Srinivasa Rao | Associate Professor | EEE | |
| 20. | Ms. K. Jyothi | Associate Professor | EEE | |
| 21. | Mr. B. Raja Gopal Reddy | Associate Professor | EEE | |
| 22. | Mr. N Srinivas | Assistant Professor | EEE | |
| 23. | Mrs. S. Keerthi Sonam | Assistant Professor | EEE | |
| 24 | Dr. D Swal | Prof. | EEE | |
| 25. | Dr. M. Narayana | Professor | ECE | |
| 26. | Dr H S Jain | Professor | EEE | |

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# VARDHAMAN COLLEGE OF ENGINEERING
**(AUTONOMOUS)**
Shamshabad–501 218, Hyderabad

06-11-2017

### List of Faculty Attend Outcome Based Education Workshop from CSE & IT

**Room No: 1003**

| S No | Name of the Faculty | Designation | Department | Sign |
|------|---------------------|-------------|------------|------|
| 1. | Dr. S. Sai Satyanarayana Reddy | Professor and Principal | CSE | |
| 2. | Prof. Vivek Kulkarni | Professor | CSE | |
| 3. | Dr. M A Jabbar | Professor | CSE | |
| 4. | Dr. Ramesh Shahabadkar | Professor | CSE | Ramesh |
| 5. | Mr. A. Bhanu Prasad | Professor | CSE | |
| 6. | Dr. Nageswararao Sirisala | ~~Associate~~ Professor | CSE | |
| 7. | Mr. S K Prashanth | Associate Professor | CSE | |
| 8. | Mr. Satya Kumar Choudhary | Associate Professor | CSE | |
| 9. | Mr. S. Nagarjuna Reddy | Associate Professor | CSE | |
| 10. | Mrs. S. Shoba Rani | Associate Professor | CSE | |
| 11. | Mr. Jayanti Phani Prasad | Assistant Professor | CSE | |
| 12. | Mr. S. Ranjith Reddy | Assistant Professor | CSE | |
| 13. | Mrs. V. Uma Maheswari | Assistant Professor | CSE | |
| 14. | Mr. S. Surender Reddy | Assistant Professor | CSE | |
| 15. | Dr. M. Gopi chand | Professor & HOD | IT | |
| 16. | Ms. E.R. Aruna | Professor | IT | |
| 17. | Dr. V. Muni Sekhar | Professor | IT | |
| 18. | Dr. N. Anil Kumar | Professor | IT | |
| 19. | Mr. K. Prabhakar | Associate Professor | IT | |
| 20. | Mr. K. Srinivasa Rao | Assistant Professor | IT | |

21 Dr. B. Seetha ramulu    Professor    CSE

22 Dr. N. Sambasiva        Professor    CSE

23 Mr P. Buddha Reddy      Asst. Prof   IT

24. D Ramanakumar         Asst Pf     IT

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# VARDHAMAN COLLEGE OF ENGINEERING

**(AUTONOMOUS)**

Shamshabad– 501 218, Hyderabad

06-11-2017

### List of Faculty Attend Outcome Based Education Workshop from MECH & MBA

## Room No: 1004

| S No | Name of the Faculty | Designation | Department | Sign |
|------|---------------------|-------------|------------|------|
| 1. | Dr. V Sreehari | Professor | MBA | |
| 2. | Ms. K. Jaahnavi | Associate Professor | MBA | Jaahnavi |
| 3. | Mr. G. Ramesh | Associate Professor | MBA | |
| 4. | Dr. B. Subbaratnam | Professor & HOD | MECH | |
| 5. | Dr. T. Vijaya Babu | Professor | MECH | |
| 6. | Dr. G. Parthsarathi | Professor | MECH | |
| 7. | Dr. S. Venu Kumar | Professor | MECH | |
| 8. | Dr. K. Deepak | Professor | MECH | |
| 9. | Mr. D. V. Raman Reddy | Associate Professor | MECH | |
| 10. | Mr. V. Sreedhar | Associate Professor | MECH | |
| 11. | Mr. E. Manoj Kumar | Associate Professor | MECH | |
| 12. | Mrs K Mani kumari | Associate Professor | MECH | |
| 13. | Mr. K. Sai ram | Assistant Professor | MECH | |
| 14. | Mr. B. Dhanraj | Assistant Professor | MECH | |
| 15. | Mr Satyanarayana Raju Penmatsa | Assistant Professor | MECH | |
| 16. | Mrs P Poornima | Assistant Professor | MECH | |
| 17. | Mr A Seshappa | Assistant Professor | MECH | |
| 18 | Dr B. Venkatesh | Professor | MECH | |
| 19. | Mr. T. V. Seshaiah Naidu | Asso. Professor | MECH | |
| 20 | Dr K.S.S. Harsh | Assoc Professor | MECH | |
| 21. | G. RAVICHANDRA | Asst. Professor | MECH | |
| 22. | N. Srinivasa Reddy | Professor | Mech | NReddy |

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# VARDHAMAN COLLEGE OF ENGINEERING

## (AUTONOMOUS)
### Shamshabad–501 218, Hyderabad

06-11-2017

### List of Faculty Attend Outcome Based Education Workshop from H&S & Civil

**Room No: 1002**

| S No | Name of the Faculty | Designation | Department | Sign |
|------|---------------------|-------------|------------|------|
| 1. | Dr. Hari Prasad Chennarapu | Professor | Civil | |
| 2. | Dr. G. V. Krshna Reddy | Professor | Civil | |
| 3. | Dr. Pradeep Kumar | Associate Professor | Civil | |
| 4. | Mr. Jonna Rohanreddy | Assistant Professor | Civil | |
| 5. | Ms. Talasila Bhavani Chowdary | Assistant Professor | Civil | |
| 6. | Mr. Challapally Kireety | Assistant Professor | Civil | |
| 7. | Ms V Renuka | Assistant Professor | Civil | |
| 8. | Dr. Pasala Sarah | Professor | Physics | |
| 9. | Dr. Anji Reddy Polu | Professor | Physics | |
| 10. | Dr. Shashi Siddi Devi | Professor | Physics | |
| 11. | Dr. Srinivasa Reddy Bireddy | Assistant Professor | Chemistry | |
| 12. | Dr. Shankaraiah Pagilla | Assistant Professor | Chemistry | |
| 13. | Mr G Ravi Kumar | Assistant Professor | Chemistry | |
| 14. | Dr. Srinivas Reddy Dhonthi | Professor | Mathematics | |
| 15. | Ms. Kavitha Vanga | Professor | Mathematics | |
| 16. | Mr. V Lakshmi Narayana | Associate Professor | Mathematics | |
| 17. | Mr K Santosh Reddy | Associate Professor | Mathematics | |
| 18. | Mr B Chandra Sekhar | Assistant Professor | Mathematics | |
| 19. | Dr. Betham Kranthi Kumari | Associate Professor | English | |
| 20. | Mr. Dhumal Nandkumar Suraj | Assistant Professor | English | |
| 21. | Dr. Sridarala Ramu | Professor | Environmental Science | |
| 22 | Durgasi Lakshmi. Hari | Asst. prof | CIVIL | |
| 23. | Y. Pavani | Asst. Prof | civil | |
| 24. | Neethu. B | Asst. prof | CIVIL | |
| 25 | Dr. D Swat | Prof | EEE | PRINCIPAL |
| 26. | Dr. G. Chinna Rao | Prof. | H&S | |
| 27. | K. Jyothira | Asst. Prof | H&S | |
| 28. | S. Raghu | Asst. prof | civil | |
| 29. | G. Mallikarjuna Rao | Asst prof | civil | |

# VARDHAMAN COLLEGE OF ENGINEERING

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## CSI AND ISTE STUDENT CHAPTER

## PRESENTS

## MICRO-HACKATHON(CODING CONTEST)
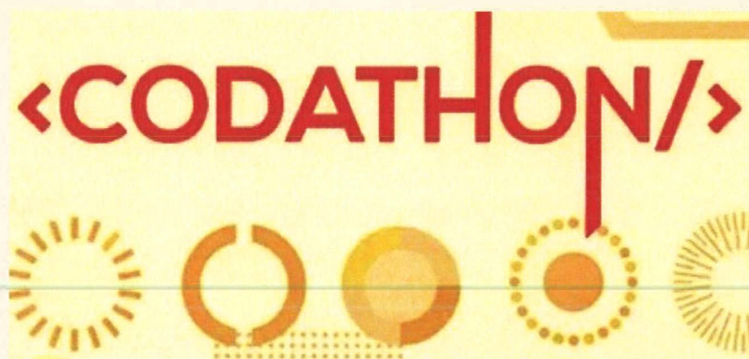


**DATE**

**19-12-2017**

COMPUTER SOCIETY OF INDIA
Hyderabad

# EVENT NAME

# MICRO-HACKATHON

# (CODING CONTEST)

# Date:19-12-2017

# VARDHAMAN COLLEGE OF ENGINEERING

(Autonomous)

Shamshabad-501218, Hyderabad

## Department of Computer Science and Engineering

16th December, 2017

**COMPUTER ENGINEERS TECHNICAL ASSOCIATION (CETA)**

**in association with**

**ACM, CSI, ISTE and IEEE Student Chapters**

**CIRCULAR**

This is to inform the students of Computer Science and Engineering department, about the following Computer Engineers Technical Association (CETA) activity in association with ACM, CSI and IEEE Student Chapters.

On behalf of CETA , The Event **" Micro-Hackathon(Coding Contest) "** is scheduled on 19-12-2017.

HOD, CSE

# VARDHAMAN COLLEGE OF ENGINEERING

(AUTONOMOUS)

SHAMSHABAD - 501 218, HYDERABAD

### List of participants

Event : MICRO - HACKATHON (CODATHON - CODING CONTEST)    Date:19-12-2017

Year / Semester: II nd year CSE

| SNO. | ROLL NO. | STUDENT NAME | Year & Section | Signature |
|------|----------|--------------|----------------|-----------|
| 29. | 16881A0554 | Shreya Srivastava | II - A | |
| 30. | 16881A0530 | Sushmitha | II - A | Sushmit |
| 31. | 16881A0527 | K Sri Satya Lokesh | II - A | Sri |
| 32 | 16881A0559 | T. Gnani prasad Reddy | II - A | Gi |
| 33 | 17885A0508 | vamshi dholdu | II - A | Vamshi |
| 34 | 16881A0549 | P. wihar | II - A. | wihy |
| 35 | 16881A0556 | T. Vishesh | II - A | |
| 36 | 16881A0519 | G. Sai Kiran Reddy | II - A | Sai |
| 37 | 16881A0525 | K. Anudeep. | II - A | Anudeep |
| 38 | 16881A0504 | B. Saketh | II - A | Saketh |
| 39 | 16881A0540 | M. PAVAN KUMAR | II - A. | |
| 40 | 16881A0501 | Abhishek Sunkara | II - A | Abhishek |
| 41 | 16881A0546 | K. Sai venkat Reddy | II - D. | |
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# VARDHAMAN COLLEGE OF ENGINEERING

**(AUTONOMOUS)**

SHAMSHABAD - 501 218, HYDERABAD

**List of participants**

Event : Micro -Hackathon (Codathon - Coding contest) Date:19-12-2017

Year / Semester: IInd year CSE

| SNO. | ROLL NO. | STUDENT NAME | Year & Section | Signature |
|------|----------|--------------|----------------|-----------|
| 1. | 17885A0512 | Y. Hemanth kumar | II-B. | Hemanth-Y. |
| 2. | 16881A05B3 | T. Shiva kumar | II - B | Shiva |
| 3. | 16881A05K5 | G. Sreeja Reddy | II - D | G. Sreeja |
| 4. | 16881A05KJ | C. Shivakumar Reddy | II - D | Shivakumar |
| 5. | 16881A05J0 | Jagpreeth | II - D. | Jm |
| 6. | 16881A05MY | M. Meghana. | II - D. | Mh |
| 7. | 16881A05NJ | P. Niharika. | II - D. | Niharika |
| 8. | 16881A0531 | K. Sai Siddhardha | II - A. | Siddhardha |
| 9. | 16881A05J3 | K. Ruthvik Reddy | II - A | Reddy |
| 10. | 16881A05M2 | M. Mayedeep | II - D | Mo |
| 11. | 16881A05MF | M. Rohith kumar | II - D | R.J. |
| 12. | 16881A05F8 | J. Rohit simha | II - D | Rohit |
| 13. | 16881A0524 | J. Rajiv | II - A | Jay |
| 14. | 16881A0503. | A. Pruthvi. | II - A. | Pruth |
| 15. | 16881A0529 | K. Vijayaswara Reddy | II - A | eM |
| 16. | 16881A05N3 | N. Arun sagar | II - D | NASRJ |
| 17. | 16881A0520 | G. Harika | II - A | Harika |
| 18. | 16881A0502 | A. Samyuktha | II - A | Am |
| 19. | 16881A0514 | D. Indumathi. | II - A. | Indu |
| 20. | 16881A0507 | B. Sreehitha | II - A | S |
| 21. | 16881A0555 | S. Rakshitha | II - A | Rm |
| 22. | 16881A0506 | B. Sai Bhargav | II - A | R.B |
| 23. | 16881A0546 | P. Tejaswini | II - A | Tejaswini |
| 24. | 16881A05C4 | A. Durga Prasad | II - C | A. Durga Prasad |
| 25. | 16881A05E9 | K. Meghana | II - C | Megha |
| 26. | 16881A05F8 | Suchitra Reddy | II - C | Suchitra |
| 27. | 16881A0541 | M. Shiva kumar | II - A | M. Sri |
| 28. | 16881A05G4 | P. Santhusha. | II - C | Santhusha |

# VARDHAMAN COLLEGE OF ENGINEERING

## (AUTONOMOUS)

### SHAMSHABAD - 501 218, HYDERABAD

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Computer Society of India(CSI Student Chapter)

&

ISTE Student Chapter

Date: 19-12-2017

Event: Micro Hackathon-Programming Contest

Year / Semester: II year CSE Students

Winners:

| ROLL NO. | STUDENT NAME | Year & Section | Status |
|----------|--------------|----------------|--------|
| 16881A05B3 | T Shiva Kumar | II CSE B | Prize and Certificate Winners |
| 17885A0512 | V Hemanth Kumar | II CSE B | |
| 16881A0519 | G Sai Kiran Reddy | II CSE A | |
| 16881A0525 | K Anudeep | II CSE A | |
| 16881A05C6 | B Abhishek | II CSE C | Certificate Winners |
| 16881A0574 | D Sree Teja | II CSE B | |
| 16881A0592 | L Vasavi | II CSE B | |
| 16881A05M2 | M Mani Deep | II CSE D | |
| 16881A05L9 | K Vishnu Vardhan | II CSE D | |
| 16881A0571 | C Rishi | II CSE B | |

HOD, CSE

Workshop On
# 3D PRINTING

## Registration Form

1. Name of the Student:

2. Branch & Year:

3. Name of the Institute:

5. Address:

5. Mobile No:

6. Email-Id:

## Declaration

The information provided is true to the best of my knowledge and belief. If selected I agree to abide the rules and regulations of the program.

Signature of the      Signature
of the Applicant      HOD

Place:

Date:

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**Chief Patron**
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Chairman, VCE

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Sri M.Rajasekhar Reddy
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**Convener**
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**HOD, ECE, VCE**

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**Mrs. D. Nagajyothi**
Assiocoate Professor, Dept., ECE
**Mr. D. Praveen Kumar,**
Assistant Professor, Dept., ECE

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Dr. D. Nagajyothi, Associate Professor
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Mr. S. Srinivas, Assistant Professor
Mrs A. Jayalaxmi, Assistant Professor
Mr.K.Sripal Reddy, Assistant Professor

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Workshop On
# 3D PRINTING
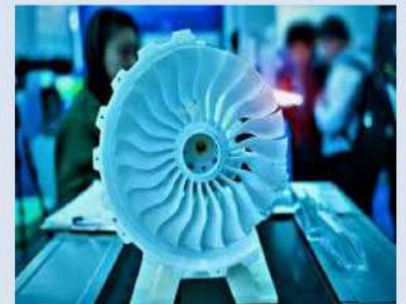


18th – 23rd Dec 2017

## Organized by

Department of Electronics and Communication Engineering



# Vardhaman College of Engineering
Autonomous institute affiliated to JNTUH

## About Vardhaman College of Engineering

Vardhaman College of Engineering was established in 1999.It is affiliated to Jawaharlal Nehru Technological University (JNTU), Hyderabad, and is approved by the All India Council for Technical Education (AICTE), New Delhi. It has been accredited by the NAAC WITH 'A' grade.

## About the Department

The Department of Electronics and Communication Engineering was established in the year 1999. The department runs one under graduate program and two post graduate programs to cater to the ever – changing needs of technical excellence in all areas of Electronics and Communication Engineering such as VLSI Design, Embedded Systems, RF and MW Communications, Signal Processing etc. The intake for Under Graduate Program (B. Tech) is 240. The department also offers Post Graduation programs with specialization in Digital Electronics and Communication Systems (DECS) and Embedded Systems (ES) with an intake of 18 each.

## About workshop:

3D printers are going to transform the future as they help engineers prototype and manufacture complex items very easily. You can print three-dimensional objects from a CAD model. In this course, you will build such a 3D printer from scratch.

In this course, you will learn the concepts of 3D printing and build a 3D printer from scratch. You will also program it to print objects with high precision. With this project, you can now print your very own objects and use them for building other projects. As part of the course, you will learn about:

- Additive Manufacturing
- RAMPS Board, SMPS & Motor Driver
- Arduino Programming

## Course Content

- Introduction to 3D Printing
- Arduino Mega Introduction
- Arduino Mega Programming
- Stepper Motors with RAMPS and Arduino Mega
- Limit Switches with Arduino Mega

## How to Apply

The interested Candidates need to E-Mail the completed signed and scanned registration form to hodece@vardhaman.org

## Selection Criteria

Selection will be done based on First cum first serve basis and the confirmed candidates will be intimated to their personal E-Mail ids. The maximum number of participants will be 45.

# VARDHAMAN COLLEGE OF ENGINEERING
### (AUTONOMOUS)
Shamshabad, Hyderabad - 501 218
## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

09-07-2016

## CIRCULAR

All the faculty members and students of ECE department are hereby informed that there will be a work shop on **"3D Printing workshop"** during the period 14-7-2016 to 15-7-2016. All the faculty & students concerned are advised to attend the above workshop and should upgrade their technical skills.

Venue: DSP Lab (3014A)

Time: 9.30am-4.30 pm

Head, ECE

Head of the Department
Electronics & Communication Engineering
VARDHAMAN COLLEGE OF ENGINEERING
Shamshabad, Hyderabad

# VARDHAMAN COLLEGE OF ENGINEERING

(AUTONOMOUS)

Shamshabad – 501 218, Hyderabad

**Department of Electronics and Communication Engineering**

**Workshop on 3D Printing**

14th – 15th July 2016

Lecture Schedule

| Date | Forenoon (10:00AM to 1:00PM) | 1:00PM to 1:30PM | Afternoon (1:30PM to 4:30PM) |
|------|-------------------------------|-------------------|-------------------------------|
| 14-07-2016 | Introduction: Creation of STL file <br><br> Mr. Venkateswaran P S | LUNCH BREAK | STL File: problems and repairing <br><br> Mr. Venkateswaran P S |
| 15-07-2016 | Importing and exporting STL files in MATLAB <br> Mr. Venkateswaran P S | | visualizing surface mesh in MATLAB, <br> generating faces and vertices using MATLAB <br> Mr. Venkateswaran P S |

# VARDHAMAN COLLEGE OF ENGINEERING

### (AUTONOMOUS)

Shamshabad – 501 218, Hyderabad

**Department of Electronics and Communication Engineering**

**Workshop on 3D Printing**

$14^{th} - 15^{th}$ July 2016

**Report**

**Day 1: 14-07-2016 FN & AN Session**

**"STL file format Description" by Mr. Venkateswaran P S**

First day of workshop started by **Mr. Venkateswaran P S,** Manager R&D, ARK Infosolutions Pvt Ltd., Secunderabad. His presentation started with STL files, surface mesh and STL file formats. Examples of STL files, warning about facet normals. In the afternoon session he explaines STL file problems and Repairing.

**Day 2: 15-07-2016 FN & AN Session**

**"Importing and exporting STL files in MATLAB" by Mr. Venkateswaran P S**

Second day he explained Importing and exporting STL files in MATLAB: how to store data, lazy array of vertices, eliminating redundant vertices, STL file creating by solid works; visualizing surface meshes in MATLAB, generating faces and vertices using MATLAB.

**▲ ARK**

# 3D PRINTING

Interfacing MATLAB with CAD

on

14th – 15th July 2016

Mr. Venkateswaran P S
ARK Infosolutions Pvt Ltd.

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## Lecture Outline   **▲ ARK**

- STL Files
  - File format description
  - Problems and repairing
- MATLAB Topics
  - Importing and exporting STL files in MATLAB
  - Visualizing surface meshes in MATLAB
  - Generating faces and vertices using MATLAB
  - Surface mesh → 3D grid
- CAD Topics
  - Converting flat images to STL
  - Point clouds
  - Importing custom polygons into SolidWorks
  - STL to CAD file conversion
  - Exporting STL from Blender with proper units

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# STL File Format Description

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## What is an STL File?   **▲ ARK**

STL – Standard Tessellation Language

*STL does not mean stereolithography file.*

This file format is widely used in rapid prototyping (i.e. 3D printing, additive manufacturing). It contains only a single triangular mesh of an objects surface. Color, texture, materials, and other attributes are not represented in the standard STL file format. Hacked formats exists to accommodate this type of additional information.

They can be text files or binary. Binary is more common because they are more compact. We will look at text files because that is more easily interfaced with MATLAB.

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## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### Workshop on 3D Printing

### Attendance Sheet

| S.No | Roll No | Name of the Student | 14/7/2016 FN | 14/7/2016 AN | 15/7/2016 FN | 15/7/2016 AN |
|------|---------|---------------------|----|----|----|----|
| 1 | 13881A0447 | Harish reddy | | | | |
| 2 | 13881A0442 | S.Ganesh | | | | |
| 3 | 13881A0434 | B.Deepak | | | | |
| 4 | 13881A0416 | K.Anand reddy | | | | |
| 5 | 13881A0469 | Sk. Mahaboob Pasha | | | | |
| 6 | 13881A04B9 | B. Raja Shekar | | | | |
| 7 | 13881A0497 | R.Pavan kumar | | | | |
| 8 | 13881A04A3 | R. Prashanth Kumar | | | | |
| 9 | 13881A0482 | G. Naresh | | | | |
| 10 | 13881A04F4 | B. Sai Teja | | | | |
| 11 | 13881A04E4 | A. Sai Kumar Reddy | | | | |
| 12 | 13881A04C7 | K. Rakshith | | | | |
| 13 | 13881A04C1 | K. Rajashekar | | | | |
| 14 | 13881A04G3 | Shahana Begum | | | | |
| 15 | 13881A04G7 | B. Shiva Kumar | | | | |
| 16 | 13881A04E1 | CH.Saicharan | | | | |
| 17 | 13881A04F8 | A. Santosh | | | | |
| 18 | 13881A04D7 | G.S.Shubam | | | | |
| 19 | 13881A04D4 | K. Rishith | | | | |
| 20 | 13881A04E2 | P. Sai Karthik | | | | |
| 21 | 13881A04F3 | L. Sai Kumar | | | | |
| 22 | 13881A04H2 | M. Shreemayi | | | | |
| 23 | 13881A04C5 | R. Rakesh Kumar | | | | |
| 24 | 13881A04D5 | Md. Riyaz | | | | |
| 25 | 13881A04D2 | Ravi Varma | | | | |
| 26 | 13881A04G0 | K.Sathwik reddy | | | | |
| 27 | 13881A04M4 | K. Vamshi Krishna | | | | |
| 28 | 13881A04J9 | S Srikanth | | | | |
| 29 | 13881A04M9 | Y. Vijay Kumar | | | | |
| 30 | 13881A04J5 | V. Sri Hari | | | | |
| 31 | 13881A04J6 | T. Sri Siva Charan | | | | |
| 32 | 13881A04P2 | Md. Zameeruddin | | | | |
| 33 | 13881A04N0 | Ch.Vinay Kumar | | | | |

| S.No | Roll No | Name of the Student | 14/7/2016 | | 15/7/2016 | |
|---|---|---|---|---|---|---|
| | | | FN | AN | FN | AN |
| 34 | 14885A0421 | S. Mounika | Mounika | Mounika | Mounika | Mounika |
| 35 | 14885A0434 | J.Sanjeev | Sanjeev | Sanjeev | Sanjeev | Sanjeev |
| 36 | 14885A0436 | G SANTOSH KUMAR | Santosh | Santosh | Santosh | Santosh |

In-Charge

Head of the Department
HOD
Electronics & Communication Engineering
VARDHAMAN COLLEGE OF ENGINEERING
Shamshabad, Hyderabad

# VARDHAMAN COLLEGE OF ENGINEERING

(Autonomous)

Shamshabad – 501 218, Hyderabad

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### Workshop on 3D Printing

### Attendance Sheet

| S.No | Name of the faculty | 14/7/2016 | | 15/7/2016 | |
|------|---------------------|-----------|------|-----------|------|
|      |                     | FN | AN | FN | AN |
| 1 | Prof. S. RAJENDAR | | | | |
| 2 | Mrs. S .SUJANA | | | | |
| 3 | Mrs. A. VIJAYALAKSHMI | | | | |
| 4 | Mrs. D. NAGA JYOTHI | | | | |
| 5 | Mr. T. RAMA KRISHNAIAH | | | | |
| 6 | Mr. M. VEERASWAMY | | | | |
| 7 | Mr. H. SHRAVN KUMAR | | | | |
| 8 | Mrs. V. HARINI | | | | |
| 9 | Mr. B. SRIKANTH | | | | |
| 10 | Mr. K. SRIPAL REDDY | | | | |
| 11 | Mr. N. NAGARAJU | | | | |

In-Charge

Head of the Department

HOD

Electronics & Communication Engineering
VARDHAMAN COLLEGE OF ENGINEERING
Shamshabad, Hyderabad

## Surface Mesh

Despite this sphere really being a solid object, it is represented in an STL file by just its surface.



Solid Object

STL Representation

## STL File Format

solid *name*

...

facet normal $n_x$, $n_y$, $n_z$
  outer loop
    vertex $v_{x,1}$ $v_{y,1}$ $v_{z,1}$
    vertex $v_{x,2}$ $v_{y,2}$ $v_{z,2}$
    vertex $v_{x,3}$ $v_{y,3}$ $v_{z,3}$
  endloop
endfacet

...

endsolid *name*

This set of text is repeated for every triangle on the surface of the object.

$$\hat{n} = \frac{(\vec{v}_2 - \vec{v}_1) \times (\vec{v}_3 - \vec{v}_1)}{\left| (\vec{v}_2 - \vec{v}_1) \times (\vec{v}_3 - \vec{v}_1) \right|}$$



Bold face indicates a keyword; these must appear in lower case. Note that there is a space in "facet normal" and in "outer loop," while there is no space in any of the keywords beginning with "end." Indentation must be with spaces, tabs are not allowed. The notation, "{...}+," means that the contents of the brace brackets can be repeated one or more times. Symbols in italics are variables which are to be replaced with user-specified values. The numerical data in the facet normal and vertex lines are single precision floats, for example, 1.23450E+789. A facet normal coordinate may have a leading minus sign; a vertex coordinate may not.

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## Example STL File

```
solid pyramid
  facet normal -6.291842e-001 2.923717e-001 -4.781524e-001
    outer loop
      vertex 4.323172e-018 1.632799e-017 6.495190e-001
      vertex 3.750000e-001 7.081604e-001 4.330127e-001
      vertex 3.750000e-001 0.000000e+000 0.000000e+000
    endloop
  endfacet
  facet normal 0.000000e+000 2.923717e-001 9.569060e-001
    outer loop
      vertex 7.500000e-001 0.000000e+000 6.495190e-001
      vertex 3.750000e-001 7.081604e-001 4.330127e-001
      vertex 0.000000e+000 0.000000e+000 6.495190e-001
    endloop
  endfacet
  facet normal 6.291842e-001 2.923717e-001 -4.781524e-001
    outer loop
      vertex 3.750000e-001 1.632799e-017 6.495190e-001
      vertex 3.750000e-001 7.081604e-001 4.330127e-001
      vertex 7.500000e-001 0.000000e+000 6.495190e-001
    endloop
  endfacet
  facet normal 0.000000e+000 -1.000000e+000 0.000000e+000
    outer loop
      vertex 3.750000e-001 0.000000e+000 0.000000e+000
      vertex 7.500000e-001 0.000000e+000 6.495190e-001
      vertex 0.000000e+000 0.000000e+000 6.495190e-001
    endloop
  endfacet
endsolid pyramid
```



An STL file is essentially just a list of all the triangles on the surface of an object.

Each triangle is defined with a surface normal and the position of the three vertices.

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## A Single Triangle

```
facet normal -6.291842e-001 2.923717e-001 -4.781524e-001
  outer loop
    vertex 4.323172e-018 1.632799e-017 6.495190e-001
    vertex 3.750000e-001 7.081604e-001 4.330127e-001
    vertex 3.750000e-001 0.000000e+000 0.000000e+000
  endloop
endfacet
```



Vertex 3

Facet Normal

Vertex 1

Facet 1

Vertex 2

1. Facet normal must follow right-hand rule and point outward from object.
   a) Some programs set this to [0;0;0] or convey shading information.
   b) Don't depend on it!
2. Adjacent triangles must have two common vertices.
3. STL files appear to be setup to handle arbitrary polygons. Don't do this.

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## Warnings About Facet Normals

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- Since the facet normal can be calculated from the vertices using the right-hand rule, sometimes the facet normal in the STL file contains other information like shading, color, etc.
- Don't depend on the right-hand rule being followed.
- Basically, don't depend on anything!

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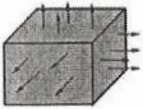
# STL File Problems and Repairing

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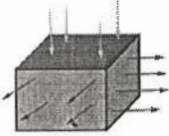
## Inverted Normals

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All surface normals should point outwards.



Good              Bad

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## Intersecting Triangles

ARK
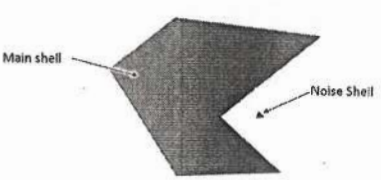
No faces should cut through each other. Intersections should be removed.



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## Noise Shells
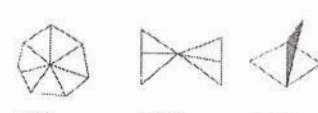
A shell is a collection of triangles that form a single independent object. Some STL files may contain small shells that are just noise. These should be eliminated.

Main shell

Noise Shell

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## Nonmanifold Meshes

A manifold (i.e. watertight) mesh has no holes and is described by a single continuous surface.

Manifold    Non-Manifold    Non-Manifold

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# Importing and Exporting STL Files in MATLAB

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## How to Store the Data

We have $N$ facets and $\leq 3N$ vertices to store in arrays.

$F(N, 3)$ Array of triangle facets
$V(?, 3)$ Array of triangle vertices

Many times, the number of vertices is $3N$. Observing that many of the triangle facets share vertices, there will be redundant vertices.

STL files can be compressed to eliminate redundant vertices, but many times they are not.

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## Lazy Array of Vertices (1 of 2)

$$V = \begin{bmatrix} V_{x,1} & V_{y,1} & V_{z,1} \\ V_{x,2} & V_{y,2} & V_{z,2} \\ \vdots & & \\ V_{x,M} & V_{y,M} & V_{z,M} \end{bmatrix}$$

$V$ is an array containing the position of all the vertices in Cartesian coordinates.

$M$ is the total number of vertices.

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## Lazy Array of Vertices (2 of 2)

There is redundancy here. Twelve vertices are stored, but the device is really only composed of four.

While an inefficient representation, this is probably not worth your time fixing.

SolidWorks exports a lazy array of vertices.

$$V = \begin{bmatrix} V_{x,1} & V_{y,1} & V_{z,1} \\ V_{x,2} & V_{y,2} & V_{z,2} \\ \vdots & & \\ V_{x,M} & V_{y,M} & V_{z,M} \end{bmatrix}$$

2,5,8
4,9,11
1,6,12
3,7,10

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## Example of Lazy Arrays

F =

| 1 | 2 | 3 |
| 4 | 5 | 6 |
| 7 | 8 | 9 |
| 10 | 11 | 12 |

V =

| 0.0000 | 0.6195 | 0.0000 |
| 0.3750 | 0.4330 | 0.7082 |
| 0.3750 | 0 | 0 |
| 0.7500 | 0.4195 | 0 |
| 0.3750 | 0.4330 | 0.7082 |
| 0 | 0.6195 | 0 |
| 0.3750 | 0 | -0.0000 |
| 0.3750 | 0.4330 | 0.7082 |
| 0.7500 | 0.4195 | 0 |
| 0.2750 | 0 | 0 |
| 0.7500 | 0.4132 | 0 |
| 0 | 0.6195 | 0 |

2,5,8
4,9,11
1,6,12
3,7,10

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## Eliminating Redundant Vertices

Redundant vertices are easily eliminated using MATLAB's built in `unique()` command.

```
% ELIMINATE REDUNDANT VERTICES
[V, indm, indn] = unique(V, 'rows');
F = indn(F);
```

Identifies unique rows in V and eliminates them from V.

Corrects indices in F that referenced eliminated vertices.

indm – indices of rows in V that correspond to unique vertices.
indn – Map of row indices in original V to new row indices in the reduced V.

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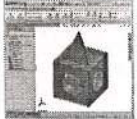
## STL Files Generated by SolidWorks



For some reason, Solidworks does not use the *z*-axis as the vertical axis.

For convenience, STL files can be easily reoriented.

```
% REORIENT SOLIDWORKS AXES TO MATLAB AXES
Y      = V(:,2);
V(:,2) = V(:,3);
V(:,3) = Y;
```

Orientation in SolidWorks        Imported Orientation        Adjusted Orientation

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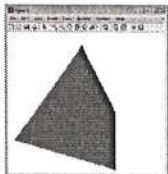
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## ARK

# Visualizing Surface Meshes in MATLAB

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## How to Draw the Object

Given the faces and vertices, the object can be drawn in MATLAB using the `patch()` command.

```
% DRAW STRUCTURE USING PATCHES
P = patch('faces',F,'vertices',V);
set(P,'FaceColor','b','FaceAlpha',0.5);
set(P,'EdgeColor','k','LineWidth',2);
```

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## ARK

# Generating Faces and Vertices Using MATLAB

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## MATLAB Surfaces

Surfaces composed of square facets are stored in X, Y, and Z arrays.

The surface shown is constructed of arrays that are all 5×5.



```
X =
    -1.0000   -0.5000   -0.2000    0.2000    0.6000
    -1.0000   -0.5000   -0.2000    0.2000    0.6000
    -1.0000   -0.5000   -0.2000    0.2000    0.6000
    -1.0000   -0.5000   -0.2000    0.2000    0.6000
    -1.0000   -0.5000   -0.2000    0.2000    0.6000
```

```
Y =
    -1.0000   -1.0000   -1.0000   -1.0000   -1.0000
    -0.6000   -0.6000   -0.6000   -0.6000   -0.6000
    -0.2000   -0.2000   -0.2000   -0.2000   -0.2000
     0.2000    0.2000    0.2000    0.2000    0.2000
     0.6000    0.6000    0.6000    0.6000    0.6000
```

```
Z =
     0.1000        0    0.1000    0.2000    0.2000
          0        0    0.1000    0.2000    0.2000
          0    0.1000    0.1000    0.2000    0.1000
     0.1000    0.1000    0.1000    0.1000    0.1000
     0.1000    0.1000        0    0.1000    0.2000
```

## Direct Construction of the Surface Mesh

MATLAB has a number of built-in commands for generating surfaces. Some of these are `cylinder()`, `sphere()` and `ellipsoid()`.

```
% CREATE A UNIT SPHERE
[X,Y,Z] = sphere(41);
```

Surfaces can be converted to triangular patches (facets and vertices) using the `surf2patch()` function.

```
% CONVERT TO PATCH
[F,V] = surf2patch(X,Y,Z,'triangles');
```

The faces and vertices can be directly visualized using the `patch()` function.

```
% VISUALIZE FACES AND VERTICES
h = patch('faces',F,'vertices',V);
set(h,'FaceColor',[0.5 0.5 0.8],'EdgeColor','k');
```
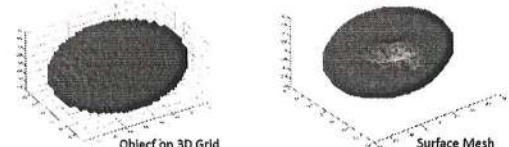
## Grid → Surface Mesh

3D objects on a grid can be converted to a surface mesh using the command `isosurface()`.

```
% CREATE ELLIPTICAL OBJECT
OBJ = (X/rx).^2 + (Y/ry).^2 + (Z/rz).^2;
OBJ = (OBJ < 1);

% CREATE SURFACE MESH
[F,V] = isosurface(X,Y,Z,OBJ,0.5);
```
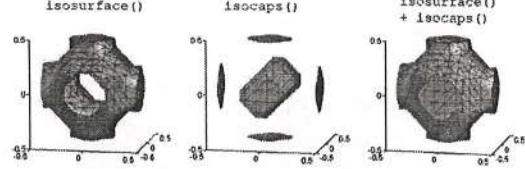


Object on 3D Grid          Surface Mesh

## May Need `isocaps()`

When 3D objects extend to the edge of the grid, you may need to use `isocaps()` in addition to `isosurface()`.



isosurface()          isocaps()          isosurface() + isocaps()

```
% CREATE SURFACE MESH
[F,V]  = isosurface(X,Y,Z,OBJ,0.5);
[F2,V2] = isocaps(X,Y,Z,OBJ,0.5);
```

One week FDP on "data science and big data analytics "by ICT academy in association with DELL EMC during 5<sup>th</sup> December 2017 to 9<sup>th</sup> December 2017 Held at Vardhaman College of engineering

Conducted one week FDP on Emerging Trends in Computer Science & Engineering in Association with IEEE Computer society chapter, Hyderabad section on 8th to 14th June 2017

**Electronics and ICT Academy**
## ONE WEEK FACULTY DEVELOPMENT PROGRAMME (FDP)
On
## RF ANTENNA DESIGN AND EVALUATION
From
## 15th May 2017 to 20th May 2017

## REGISTRATION FORM

1. Name:
2. Designation:
3. Institution:
4. E-mail and mobile :
5. DD No:
   Bank:
   Date:
6. Address for Correspondence
7. Educational Qualifications with specialization:
8. Subjects taught so far:
9. No. of refresher courses/workshops attended:
10. Experience (in years)

| Teaching | Research | Industry |
|---|---|---|
|  |  |  |

11. Accommodation required: YES / NO
12. Do you belong to SC/ST: YES/NO

### Declaration

The information provided above is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the FDP and shall attend the course for the entire duration. I also undertake the responsibility to inform the Coordinator in case, I am unable to attend the course.

Place:

Date:                                   Signature of the applicant

### SPONSORSHIP CERTIFICATE

Dr./Mr./Ms. _____ is an employee of our Institute/Organization and is hereby sponsored to participate in the FDP on RF Antenna Design and Evaluation sponsored by Electronics & ICT Academy during 15th May 2017 to 20th May 2017 at Vardhaman College of Engineering, Hyderabad.

Place:

Date:                                   Signature of Head
                                        of the Institution (with seal)

## ADDRESS FOR CORRESPONDENCE

Post your application form along with DD to

**Dr. P. Nageswara Rao,** Professor,
Dept. of ECE,
Vardhaman College of Engineering,
Hyderabad-501218

Mail the scanned copies of filled-in and duly signed application form along with DD

**Mail id: nrraop@yahoo.com**

For more information visit: http://nitw.ac.in/eict/

**FOR ANY ENQUIRY CONTACT COORDINATORS:**
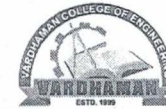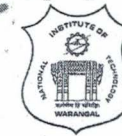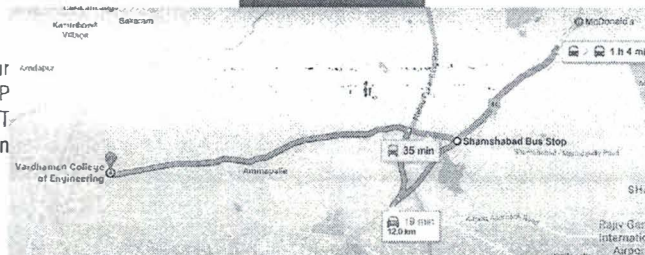
**Dr. N.V.S.N. Sarma,**
Mob : 9849639262

or

**Dr. P. Nageswara Rao,**
Mob : 9908843163



ROUTE MAP



## ELECTRONICS & ICT ACADEMY
## NATIONAL INSTITUTE OF TECHNOLOGY
WARANGAL — 506 004 (Telangana State)

DeitY, HRD division, Ministry of ICT,
Govt. of India
SPONSORED
**ONE WEEK FACULTY DEVELOPMENT PROGRAMME (FDP)**
On
**RF ANTENNA DESIGN AND EVALUATION**
Jointly Organized
by
**Electronics & ICT Academy, NIT Warangal**
and
**Department of ECE,**
**Vardhaman College of Engineering, Hyderabad**

15th May 2017 to 20th May 2017

## VARDHAMAN COLLEGE OF ENGINEERING
(AUTONOMOUS)
Shamshabad – 501 218, Hyderabad, Telangana, India
www.vardhaman.org

## PREAMBLE

"Electronics & ICT Academy" is set up at NIT Warangal with financial assistance from DeitY, MCIT, GoI. The role of academy is to offer faculty development programs in emerging areas of Electronics & Information and Communication Technologies; training & consultancy services for Industry; Curriculum development for Industry; CEP for working professionals; Advice and support for technical incubation and entrepreneurial activities.

The jurisdiction of this academy is Telangana, Andhra Pradesh, Karnataka, Pondicherry, Goa and Andaman & Nicobar islands. Under the umbrella of this academy, a standardized course namely ' RF Antenna Design and Evaluation ' is proposed to be held at Vardhaman College of Engineering, Hyderabad. This FDP aims to cover new and emerging antenna designs for various wireless applications. Several types of antennas from microstrip patches to Vivaldi antennas and from monopoles to conformal arrays that are used for emerging wireless technologies (Wi¬Fi, Wi-Max, WILAN, LTE, Cognitive radio Networks, Vehicular Networks. Security and privacy, Car to Car Communication, Mobile Telecommunications, indoor / outdoor systems and experimental systems for future internet research and many others) are discussed.

RF industry today is being driven by the consumer demand for wireless applications that allow "anytime, anywhere" connectivity. Today's RF industry rallies behind a single goal : to realize true convergence. In other words, the future of the RF industry lies in its ability to enable next —generation mobile devices to cross all of the boundaries of the RF Spectrum. Essentially then, this converged mobile device would bring together traditionally disparate functionality (eg. Mobile Phone, Television, Personal Computer and Personal Data Assistant) on the mobile platform.

This FDP focuses on recent developments of antennas and research outcomes addressing related theoretical and practical aspects on Wireless Communications.

## RESOURCE PERSONS FOR THIS FDP

The program will be conducted by the faculty members of NIT Warangal. Academicians in the concerned field from IITs/NITs are invited to deliver lectures in the program. Speakers from R&D organizations are also expected as part of the course.

## ELIGIBILITY:

The program is open to the teachers of engineering colleges from Electronics and Communication Engineering, Scholars in Telangana, Andhra Pradesh, Karnataka states and Goa. Industry personnel working in the concerned/allied discipline can also attend.

**Registration Fee Particulars:**
Faculty members : Rs 2000/- (For SC/ST: Rs. 500/-)
Industry participants : Rs 6000/-

The participants need to send a crossed demand draft (DD) for an amount of Rs.2000 / Rs.500 / Rs.6000 as the case may be drawn in favor of "Director, NIT Warangal" and payable at SBH, NIT Warangal branch.

## HOW TO APPLY :

The application filled in the prescribed format duly signed and sponsored by appropriate authorities (along with DD) should reach the coordinator by speed-post. It is also mandatory to send scanned application form and demand draft through e-mail.

## ACCOMMODATION:

For outside participants accommodation will be provided on prior request. No TA will be paid for the participants.

## Important dates:

Last date for submission of application : 11.05.2017
Selection intimation by email will be on : 13.05.2017

## Duration of Program:

15th May 2017 – 20th May 2017

## About NITW:

National Institute of Technology (formerly Regional Engineering College), Warangal is the first among 17 RECs setup as joint venture of the Government of India and the state government. Over the years the college has established itself as a premier Institution imparting technical education of a very high standard leading to the B.Tech degrees in various branches of engineering and M.Tech. and Ph.D. programs in various specializations.

## ABOUT VCE:

The Vardhaman College of Engineering was established in 1999. The college is UGC autonomous under JNTUH and offers B.Tech. programs in six branches of Engineering, viz., Civil, EEE, ME, ECE, CSE & IT., and PG courses in MBA, M. Tech(DECS), M. Tech(ES), M. Tech (CSE), M. Tech (PEED). M. Tech (SE) and M. Tech (ED). All the eligible UG engineering programmes have been accredited by National Board of Accreditation (NBA) of AICTE, New Delhi and by NAAC. The College is recognized with Centre for Potential Excellence by UGC. The college is also accredited by TCS.

## DEPARTMENT OF ECE:

The Department is headed by Prof. Y. Pandurangaiah having vast teaching experience and supported by highly qualified faculty-11 Professors, 18 Associate Professors and 34 Assistant Professors. The department has established centers of excellence in Cadence VLSI Design, NI LabVIEW Academy, Signal processing and RF and Microwave Engineering.

## MAJOR COURSE CONTENT:

Antenna Basics, HF, VHF, UHF and MW Antennas, Antenna Measurements, Array Design, Patch Antennas, CPW Based antenna design, CEM, Fractal Antennas, Meta-materials. There will be hands on sessions on software tools

# Electronics &ICT ACADEMY
# NATIONAL INSTITUTE OF TECHNOLOGY
## WARANGAL, TELANGANA -506004

The following are the terms and conditions for organizing the programme at your institute.

1. Registration details:

| | |
|---|---|
| Faculty and Research Scholars from Telangana, Andhra Pradesh, Karnataka, Puducherry, Andaman and Nicobar Islands, Goa | Rs. 2000/- |
| Faculty of SC/ST Category from Telangana, Andhra Pradesh, Karnataka, Puducherry, Andaman and Nicobar Islands, Goa | Rs. 500/- (SC/ ST participants should submit their caste certificate to claim the concession along with application form) |
| Industry Participants | Rs. 6000/- |
| Participants from other states | Rs. 8500/- |

- Research scholars are allowed for each FDP up to maximum of 5% of the strength.
- Complimentary registrations can be given at the ratio of 1:5. i.e., One free registration for every 5 registrations of host institution faculty.
- **Please note that if the number of participants does not reach at least 40, the programme should be cancelled. Budget allocation will decrease proportionately according to the no. of participants.**

2. Accommodation and food charges for participants should be provided by Host institute only.

3. Registration kit and material will be provided by the academy. In case if you wish to give any other additional material, you can give it to participants. These charges will not be included in E&ICT Academy expenses.

4. Based on the number of registrations coordinator's honorarium will be shared by both coordinators.

5. All travel, lodging and boarding expenses for all speakers will be met by academy. You are requested to arrange accommodation for speakers and pick up as per their travel plan. Host Institute coordinator will reimburse the expenditure incurred for this purpose through wire transfer after completion of the programme.

6. The entire registration fee is to be collected in the form of DDs/online transfer using the following details:

| DD Details | Online Transfer Details |
|---|---|
| **Demand Draft in favor of "Director, NIT Warangal" payable at NIT Warangal** | **Account Name: Electronics & ICT Academy NITW Account No: 62423775910 and IFSC: SBHY0020149** |

# NATIONAL INSTITUTE OF TECHNOLOGY, WARANGAL – 506 021
## Electronics & ICT Academy
## 6 Day short term training on Practical RF Antenna Design at
## Vardhaman Engineering College, Hyderbad
## Lecture Schedule

| Date | Morning Session | | Afternoon Session | |
|---|---|---|---|---|
| Mon 15/05/17 | Inauguration 10:30 AM - 11:30 AM | Introduction to Antennas 11:45 AM - 1.15 PM | Antenna Parameters-1 2.00 – 3.30 PM Prof. NVSN Sarma NITW | Antenna Parameters-2 3.45-4:30 PM Prof. NVSN Sarma NITW |
| Tue 16/05/17 | HF Antennas for broad band 10:00 AM -11:30 AM Sri C. Sai Ram, Scientist F , DLRL, Hyd | VHF Antennas for broadband 11.45AM-1.15PM Sri C. Sai Ram, Scientist F , DLRL, Hyd | CEM Dr D Vakula NITW | |
| Wed 17/05/17 | Lab session ( HFSS) 10:00 AM -1.15PM | | Lab session ( HFSS) 2-4:30PM | |
| Thur 18/05/17 | RADOMES Mr. Rakesh Kr. Singh, Sc F, RCI, Hyd 10:00 AM -11:30 AM | Antenna array design Mr. Rakesh Kr Singh ScF, RCI, Hyd 11.45AM-1.15PM | Lab visit / Tutorial | |
| Fri 19/05/17 | Patch Antennas 10:00 AM – 11:30 AM Mr. Sanjay, Sc 'D', RCI, Hyd | CPW Based Antenna Design 11.45 AM – 1.15 PM Mr. Sanjay, Sc 'D' RCI, Hyd | Wideband and Multiband and UWB Antennas 2.00 – 3.30 PM Dr.L. Anjaneyulu, NITW | Antenna miniaturization techniques 3.45 – 4:30PM Dr. L. Anjaneyulu, NITW |
| Sat 20/5/17 | Fractal antennas 10:0-0AM – 11.30 AM Prof. N.V.S.N. Sarma, NITW | Metamaterials for antennas 11.45 AM – 1.15 PM Prof. N.V.S.N. Sarma, NITW | Antenna for defense systems 2.00 – 3.30 PM | Valedictory Function 3.45 – 4:30PM |

*Tea Break: 11.30-11.45AM/3.30-3.45PM*Lunch Break: 1.15-2.00 PM

# E&ICT ACADEMY
## NATIONAL INSTITUTE OF TECHNOLOGY
WARANGAL – 506004, TELANGANA STATE – INDIA
**One Week FDP on RF Antenna Design and Evaluation**
**15-05-2017 to 20-05-2017**

| S. No. | Name of the Participants | Designation | College | Category | Sex | Mobile No. | Mail ID | |
|---|---|---|---|---|---|---|---|---|
| 1 | Mr. M. Kiran | Associate Professor | Gokaraju Rangaraju institute of Engineering and Technology | BC-B | M | 9440457027 | kiranmannemly@gmail.com | 2000-DD |
| 2 | Mr.K.N.V. Khasim | Assistant Professor | Gokaraju Rangaraju institute of Engineering and Technology | OBC | M | 9985108858 | khasimgriet@gmail.com | 2000 - DD |
| 3 | Mr. Y Sudharshan Reddy (ID) | Assistant Professor | Gokaraju Rangaraju institute of Engineering and Technology | OC | M | 9676868509 | ysreddy16@gmail.com | 2000 - DD |
| 4 | Ms. B. Shilpa (ID) | Assistant Professor | Gokaraju Rangaraju institute of Engineering and Technology | OBC | F | 9966555951 | shipla.me1437@gmail.com | 2000 - cash |
| 5 | Ms. Devarapalli Lalitha Kumari | Assistant Professor | JNTUA College of Engineering Anantapur | BC-A | F | 9441760382 | lalithad29@gmail.com | 2000 - DD |
| 6 | Ms. S. Krishna Veni (ID) | Assistant Professor | CMR College of Engineering and Technology | SC | F | 9959734717 | skveni1231@gmail.com | 500 DD |
| 7 | Ms. CH. Neelima (ID) | Assistant Professor | CMR College of Engineering and Technology | SC | F | 7702536062 | chowtapalli.neelima@gmail.com | 500 - Cas |
| 8 | Mr. J. Nageswar Reddy (ID) | Assistant Professor | CMR College of Engineering and Technology | OC | M | 9494222542 | nagece424@gmail.com | 2000 - cash |
| 9 | Ms. S.Sri Bindu (ID) | Assistant Professor | CMR Institute of Technology | SC | F | 9441335414 | sribindu.sattu@gmail.com | 500 amount |
| 10 | Mrs. Jyothirmai Gandeti (ID) | Assistant Professor | Aditya Engineering College | BC-D | F | 9346332714 | sivajyothi1427@gmail.com | 2000 - DD |
| 11 | Mr. jeripotula Praneeth raj (ID) | Assistant Professor | Mahatma Gandhi Institute of Technology | SC | M | 9985939449 | jpraneetraj@gmail.com | 500 - DD |
| 12 | Mr. M. Sanjeev Kumar (ID) | Assistant Professor | Mahatma Gandhi Institute of Technology | SC | M | 9948061319 | sanjeeva.ssp@gmail.com | 500 - DD |
| 13 | Mr. Perka Naresh babu | Assistant Professor | Malla Reddy Engineering College for Women | SC | M | 9703241578 | babu.naresh45@yahoo.co.in | 500 - DD |

| | | | INSTITUTE | | | | | |
|---|---|---|---|---|---|---|---|---|
| 14 | Mr. E. Sri Krishna (ID) | Associate Professor | Holy Mary College of Technology & Science | SC | M | 9440125153 | srikrishnaenumala@gmail.com | 500-DD |
| 15 | Mr. R. Madhusudhan Goud (ID) | Assistant Professor | Sreenidhi Institute of Scinece and Technology | BC-B | M | 9133030211 | madhusudhangoud@serrnidhi.edu.in | 2000 - cash |
| 16 | Ms. Nausheen Sultana (ID) | Assistant Professor | Sreenidhi Institute of Scinece and Technology | OC | F | 9160371723 | nausheensultana@srinidhi.edu.in | 2000 - cash |
| 17 | Mr. M. Appa Rao (ID) | Assistant Professor | St. Martin's Engineering College | OC | M | 9701901100 | rao_mail@yahoo.co.in | 2000-DD |
| 18 | Mr. A. Ravindar (ID) | Associate Professor | Keshav Memorial institute of Technology | ST | M | 998546882 | ravindar@kmit.in | 500-DD |
| 19 | Mr. P. Balakrishna (ID) | Assistant Professor | Keshav Memorial institute of Technology | BC | M | 9160123421 | padma.balakrishna@gmail.com | 2000 DD |
| 20 | Ms. K. Vishwasanthi | Research scholar | Osmani University | SC | F | 8179561415 | viswasanthi.kunja@gmail.com | 500 Cash |
| | Mr. K. Bharath Goud (Goud) | Research scholar | Osmani University | BC - B | M | 8142407939 | bharath_goud35@yahoo.com | 2000DD |
| 22 | Mr. M Tirupathi (ID) | Associate Professor | Swamy Vivekananda Institute of Technology | SC | M | 995962462 | thiru5505@gmail.com | 500 DD |
| 23 | Ms. T Manjulatha (ID) | Assistant Professor | Sphoorthy Engineering College | OC | F | 9949826370 | manjulathat@gmail.com | 2000 cash |
| | Mr. K. Koteswar Rao (ID)(P) | Assistant Professor (Sr.) | Vignan Institute of Technology and Science | OC | M | 9000474710 | kotesh2584@gmail.com | 2000DD |
| 25 | Mr. K. Guru Prasad (ID) | Assistant Professor (Sr.) | Avanthi Institute of Engineering & Technology | BC - A | M | 9494686097 | guruprasad443@gmail.com | 2000DD |
| 26 | Dr S Sai satyanarayana Reddy | Principal | Vardhaman College of Engineering | OC | M | 9440012540 | vcepricipaloffice@gmail.com | 2000 cash |
| 27 | Prof Y Pandurangaiah (ID)(P) | Professor & Head | Vardhaman College of Engineering | OC | M | 9550070033 | y.pandurangaiah@vardhaman.org | 2000Cash |
| 28 | Dr P Nageswara Rao (ID)(P) | Professor | Vardhaman College of Engineering | OC | M | 9908843163 | nrraop@yahoo.com | 2000 Cash |
| 29 | Dr R Murali Prasad | Professor | Vardhaman College of Engineering | OC | M | 9849184166 | r.muraliprasad@gmail.com | 2000 Cash |
| 30 | Dr J V R Ravindra | Professor | Vardhaman College of Engineering | OC | M | 9440114765 | jvr.ravindra@vardhaman.org | 2000 cash |

| 31 | Dr M Sushanth Babu | Professor | Vardhaman College of Engineering | BC-D | M | 9849299910 | sushanth19.m@vardhaman.org | 2000 Cash |
| 32 | Dr G A E Satheesh Kumar | Professor | Vardhaman College of Engineering | BC-C | M | 7032651704 | gaesathi@gmail.com | 2000 Cash |
| 33 | Prof. N. Umamaheswar Rao (ID) | Professor | Vardhaman College of Engineering | BC - B | M | 9440158596 | n.umamaheshwar@vardhaman.org | 2000 cash |
| 34 | Prof. S. Rajendar | Professor | Vardhaman College of Engineering | BC - A | M | 9885570842 | s.rajendar@vardhaman.org | 2000 cash |
| 35 | Mr. D.M. K. Chaitanya (ID) | Associate Professor | Vardhaman College of Engineering | OC | M | 9866823542 | chaitanyadmk@gmail.com | 2000 Cash |
| 36 | Mr. K.H. Murali (ID) ST | Associate Professor | Vardhaman College of Engineering | ST | M | 9849796716 | k.murali@vardhaman.org | 500 Cash |
| 37 | Mr.G. Bhaskar phani ram | Assistant Professor | Vardhaman College of Engineering | OC | M | 9989271875 | g.bhaskarphaniram@vardhaman.org | |
| 38 | Mr. Ch. Rama Krishna (ID) | Assistant Professor | Vardhaman College of Engineering | BC - A | M | 9666220100 | ramu_y434@yahoo.co.in | 2000 cash |
| 39 | Mr. B. Sekhar Babu (ID) | Assistant Professor | Vardhaman College of Engineering | BC - D | M | 9703743870 | sekharbabu81@gmail.com | 2000 cash |
| 40 | Mr. K. Lakshmi Naga Kishore | Assistant Professor | Vardhaman College of Engineering | OC | M | 8019332974 | lakshminagakishore@gmail.com | |
| 41 | Mr. N. Madhu (ID) | Assistant Professor | Vardhaman College of Engineering | BC - B | M | 9966552007 | n.madhu@vardhaman.org | 2000 cash |
| 42 | Ms M Hima Bindu (ID) | Assistant Professor | Vardhaman College of Engineering | OC | F | 9908844844 | himabindumedisetty@gmail.com | 2000 cash |
| 43 | Sowjanya . A Reddy (ID) | Assistant Profesor | Gitanjali College of Engineering and Technology | OC | F | 8008882669 | annaram.sowjanya@gmail.com | 2000 cash |
| 44 | T. Nagarjuna (IID) B | Assistant Professor | CMR Technical Campus | SC | M | 9177065431 | tanikondac@gmail.com | 500 DD |
| 45 | Mr. J. Chandra Shekar (ID) | Assistant Professor | Marri Laxma Reddy Institute of Technology | BC | M | 9553537633 | shekarias@gmail.com | 2000 cash |

Dr. S. Sai Satyanarayana Reddy,                                              01-05-2017

          M. Tech, Ph. D

Principal

To
The Director
National Institute of Technology
Warangal – 506004
TS, INDIA

Dear Sir,

      **Sub:** - Request to give permission to host workshop – under NMEICT – Reg.

      **For the Kind Attention of:**      Prof. D.V. L. N. Somayajulu, Chair, E&ICT
                                   Dr. T. Kishore Kumar, Head, ECE

      I am happy to brief you that Vardhaman College of Engineering (Autonomous) is established in 1999, permanently affiliated to Jawaharlal Nehru Technological University Hyderabad (JNTUH), Hyderabad, and is approved by the All India Council for Technical Education (AICTE), New Delhi. Further the institute is accredited by NAAC with 'A' Grade and Department of ECE is accredited by NBA. The department is planning to organize One Week National Level Workshop on **"Emerging Antennas and RF Circuit Design Using HFSS"** for the benefit of faculty across various Engineering Colleges, in association with NIT Warangal under National Mission on Education through ICT (NMEICT) being funded by MHRD, Govt. of India, with an objective to improve quality of technical education, leading to skill up-gradation in India.

      The Proposed dates for the workshop are 15th May, 2017 to 20th May,2017.

      The institute is ready to provide accommodation to outside participants, working lunch for participants and other infrastructure facilities to conduct the workshop. In this connection I request you to kindly accord permission to host the above said workshop in our organization.

      Dr. P. Nageswar Rao, Professor in ECE (9908843163) will coordinate this programme from department of ECE of our institute.

      We look forward for your kind cooperation in this regard.

                          Thanking You Sir

                                            Yours Sincerely

                                          **PRINCIPAL**
                                          PRINCIPAL
                         VARDHAMAN COLLEGE OF ENGINEERING
                              Shamshabad, Hyderabad.

# ELECTRONICS & ICT ACADEMY
## NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL, (T.S.), INDIA
### and
### Vardhaman College of Engineering (Autonomous)
### Shamshabad, Hyderabad, Telangana, India
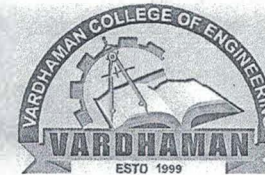
## Certificate

This is to certify that ......Prof. N. Umamaheshwar Rao, Professor......

from ......Vardhaman College of Engineering, Hyderabad...... has

participated in MeitY, Govt. of India, Sponsored Faculty Development Programme (FDP) on **"RF ANTENNA DESIGN AND EVALUATION"** Organized by the E & ICT Academy, National Institute of Technology, Warangal at Vardhaman College of Engineering (A), Hyderabad, from 15th May - 20th May, 2017.

Participant obtained..........A.............grade in the test.

| | | | | |
|---|---|---|---|---|
| Dr. P. Nageswara Rao | Prof. N.V.S.N. Sarma | Prof. S.S.S. Reddy | Prof. D.V.L.N. Somayajulu | Prof. G.R.C. Reddy |
| Coordinator, | Coordinator, | Principal | Chair, E & ICT Academy, | Director I/c, |
| VCE (A), Hyderabad | NIT, Warangal | VCE (A), Hyderabad | NIT, Warangal | NIT, Warangal |

# Report on One week faculty Development program

**Title of the FDP** : RF Antenna Design and Evaluation

**Conducted by** : Department of ECE, Vardhaman College of Engineering in association

with E & ICT, NIT Warangal

**Co-ordinator** : Dr. N. V.S. N. Sarma, E & ICT, NIT Warangal

Dr. P. Nageswara Rao, Professor, Dept. of ECE, VCE

**Dates** : 15-05-2017 to 20-05-2017

**No. of Participants** : 41

**Amount Paid to the NIT Warangal towards Registration fee** : Rs. 64,000/-

**No. of SC/ST Candidates Registered** : 12

| S. No. | Day | Session | Name of the Resource Person and Organization | Topic Covered |
|--------|-----|---------|----------------------------------------------|---------------|
| 1 | 1 | 10.30 AM – 11.30 AM | Smt. Madumita Chakrabarti, Scientist 'F', RCI, Hyderabad | Target Detection System |
| 2 | | 11.45 AM – 1.00 AM | Dr. N. V.S. N. Sarma, Professor, Dept. of ECE, NIT Warangal | Introduction to Antennas |
| 3 | | 2.00PM - 4.30 PM | Dr. N. V.S. N. Sarma, Professor, Dept. of ECE, NIT Warangal | Radiation Mechanism and Antenna Parameters |
| 4 | 2 | 10.00 AM – 11.30 AM | Sri Sairama, Scientist 'F', DLRL, Hyderabad | High Frequency Antennas for Broadband Applications |
| 5 | | 11.45 AM – 1.00 AM | | VHF Antennas used for Practical Applications |
| 6 | | 2.00 PM - 4.30 PM | Dr. D. Vakula, Assistant Professor, Dept. of ECE, NIT Warangal | Computational Electromagnetics (FDTD, MOM and FEM |
| 7 | 3 | 10.00 AM – 4.30 AM | Sri. Kaviarasu.K Entuple Technologies, Bangalore | Design of Microstrip Antennas with line feed Using HFSS tool |

| | | | | |
|---|---|---|---|---|
| 8. | | 10.00 AM – 1.00 AM | Sri Nagaraju, Scientist 'C', RCI, Hyderabad | Antenna Array design |
| 9 | 4 | 2.00 PM - 4.30 PM | Sri Rakesh Kumar Singh, Scientist 'F' | RCI Visit Measurement of radiation pattern in anechoic Chamber |
| 10 | | 10.00 AM – 11.30 AM | Sri. Sanjay, Scientist 'D', RCI, Hyderabad | Microstrip Antenna Constructions and Parameters |
| 11 | 5 | 11.45 AM – 1.00 AM | | CPW based microstrip antenna Design |
| 12 | | 2.00 PM - 3.30 PM | Dr. L. Anjaneyulu, Associate Professor, Dept. of ECE, NIT Warangal | Multiband, Wideband and Ultra wideband Antennas |
| 13 | | 3.30 PM – 4.30 PM | | Antenna Miniaturization Techniques |
| 14 | | 10.00 AM – 11.30 AM | Dr. P. Nageswara Rao, Professor, Dept. of ECE, VCE | Fractal Antennas used for multiband Operation and Miniaturization |
| 15 | 6 | 11.45 AM – 1.00 AM | Dr. N. V.S. N. Sarma, Professor, Dept. of ECE, NIT Warangal | Meta materials for Antenna Design |
| 16 | | 2.00 PM - 3.30 PM | Sri M. Balachary, Scientist 'H', DLRL, Hyderabad | Broadband Antennas |
| 17 | | 3.30 PM – 4.00 PM | | Test |
| 18 | | 4.00 PM – 4.30 PM | Sri M. Balachary, Scientist 'H', DLRL, Hyderabad | Valedictory |

**Test was conducted on the topics covered during the FDP Program**

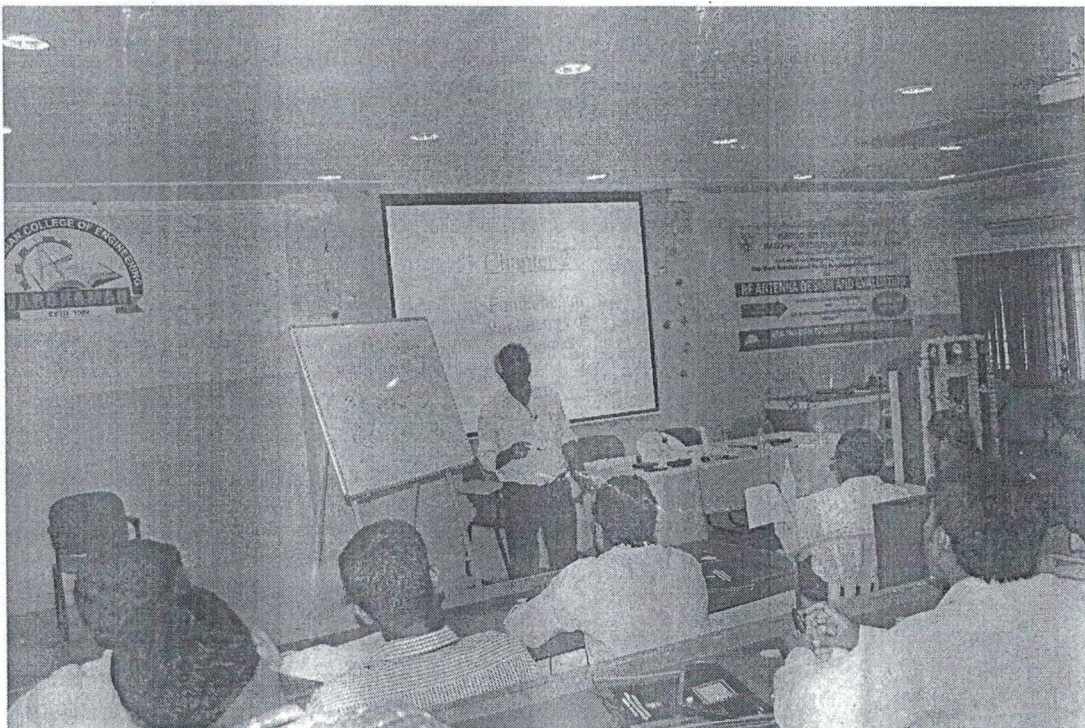| | |
|---|---|
| No. of Participants | 41 |
| No. of Participants got A grade | 12 |
| No. of Participants got B grade | 10 |
| No. of Participants got C grade | 19 |

**Budget** : **Rs. 40,000/-**

**Co-ordinator**

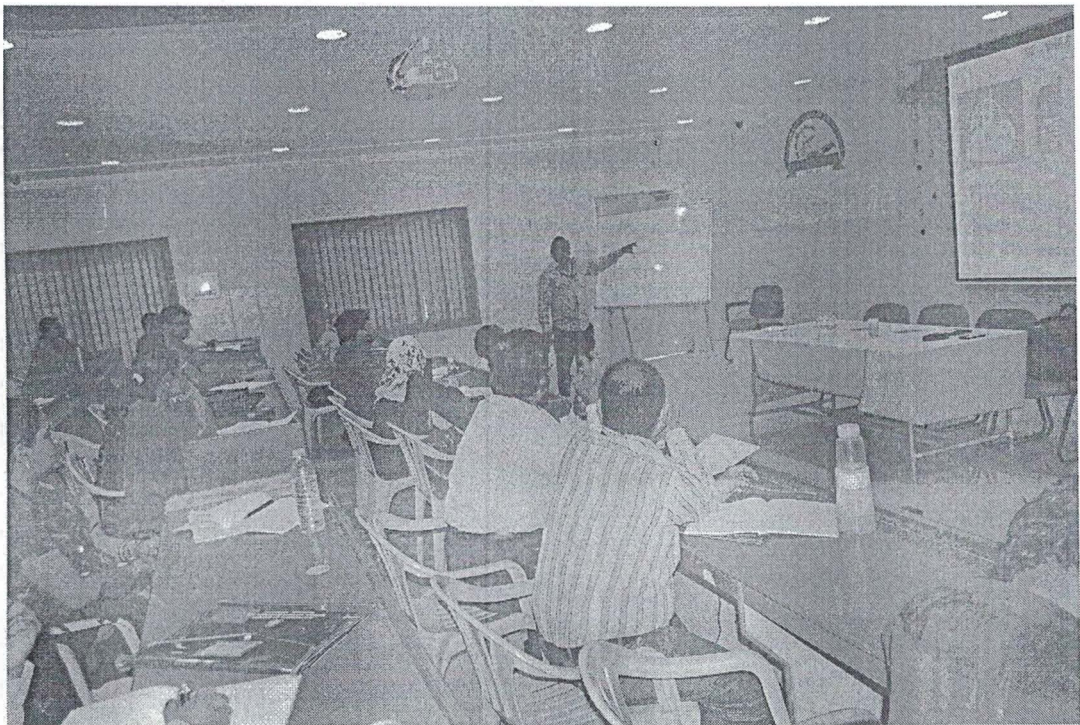**Day 1: 15-05-2017**

**Inaugural Function**



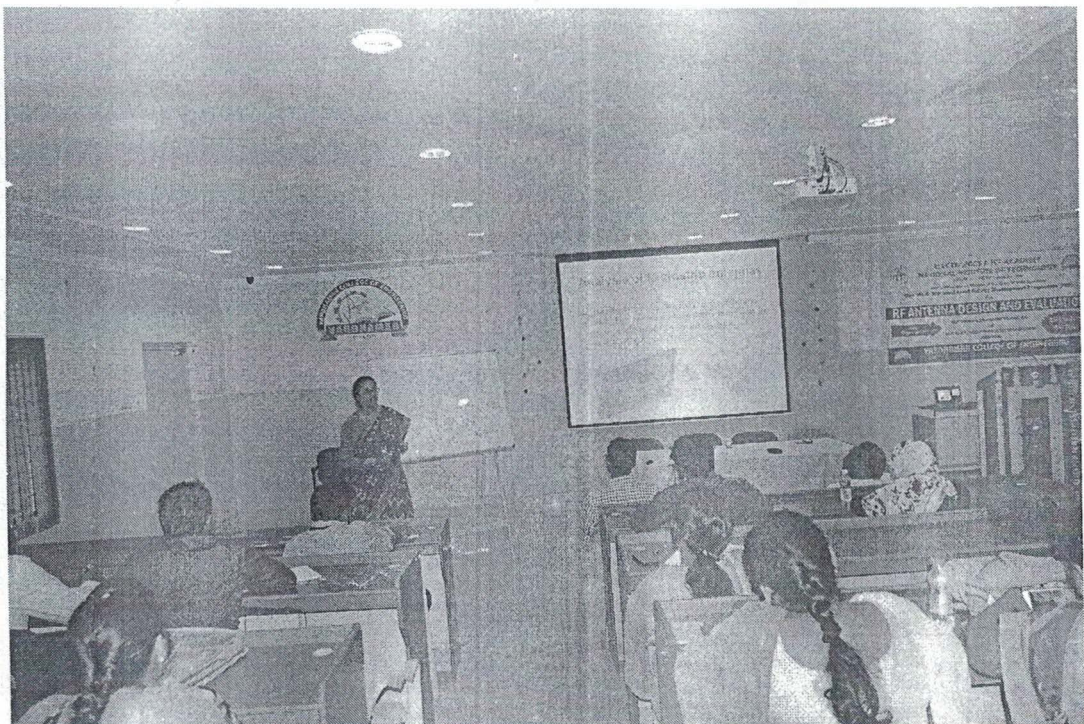Lightening the Lamp by Chief Guest Dr. Madhumita Chakrabarti



Session by Dr. N. V. S. N. Sarma on Antenna Fundamentals
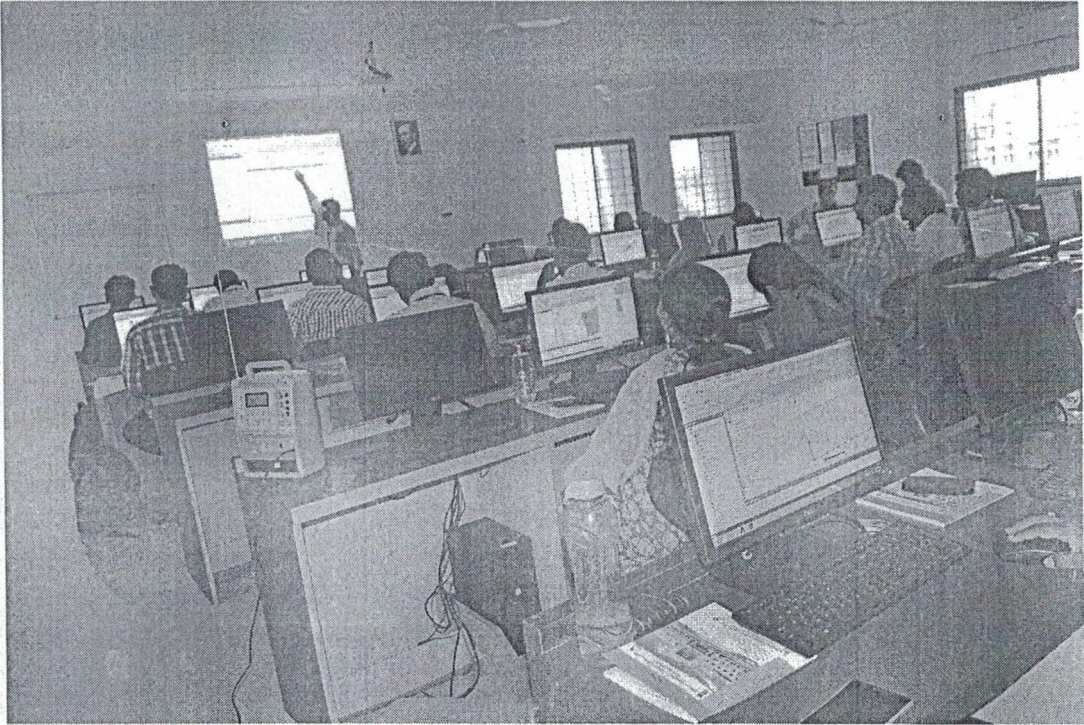
**Day 2: 16-05-2017**



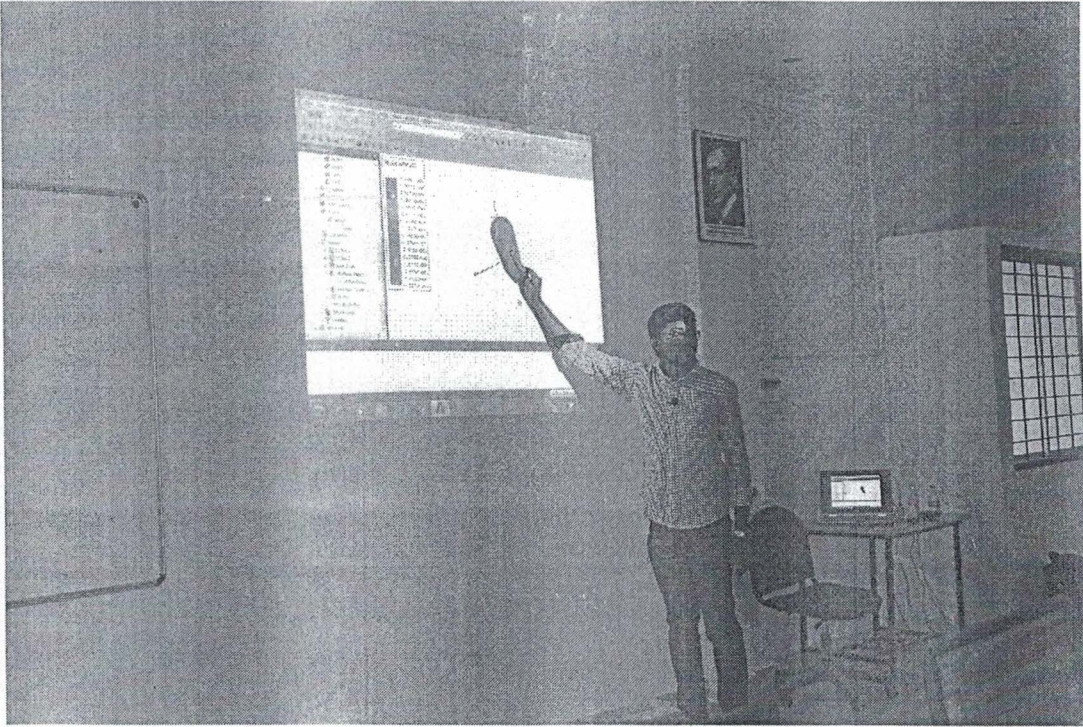Session by Sri C. Sairam on HF and VHF Broadband Antennas



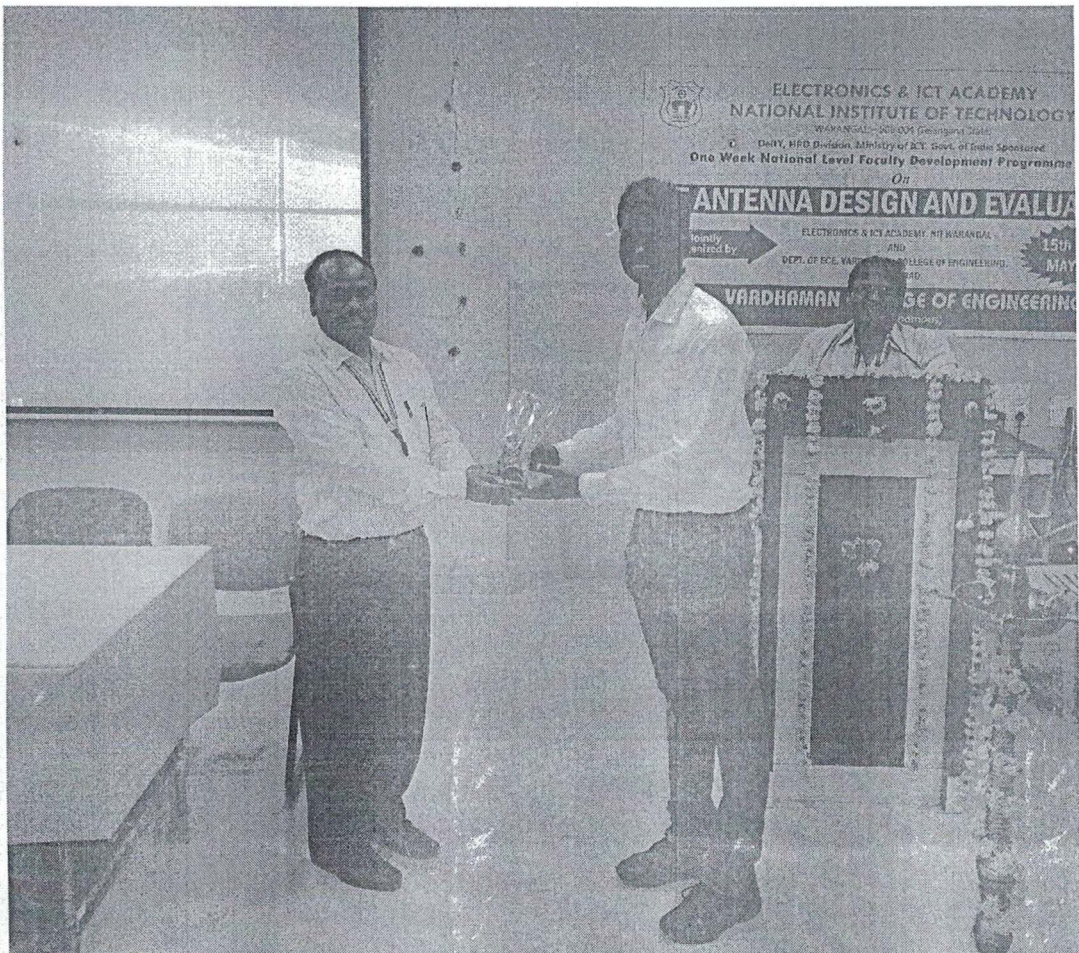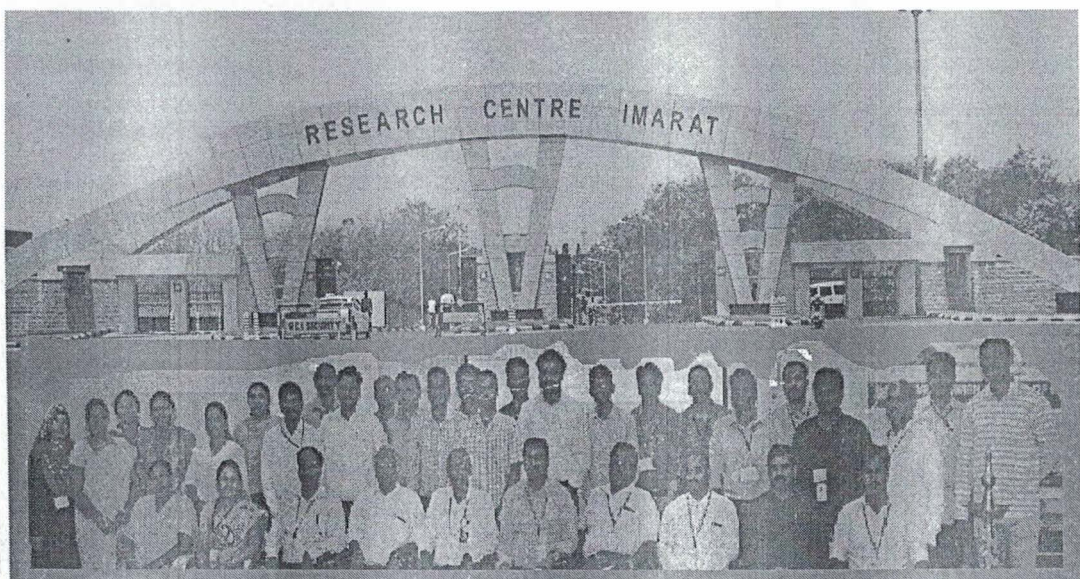Session by Dr. D. Vakula on Computational Electromagnetics

**Day 3 : 17-05-2017**



Hands on Experience on HFSS by Mr. Kaviarasu. K, Entuple Technologies Bengalore
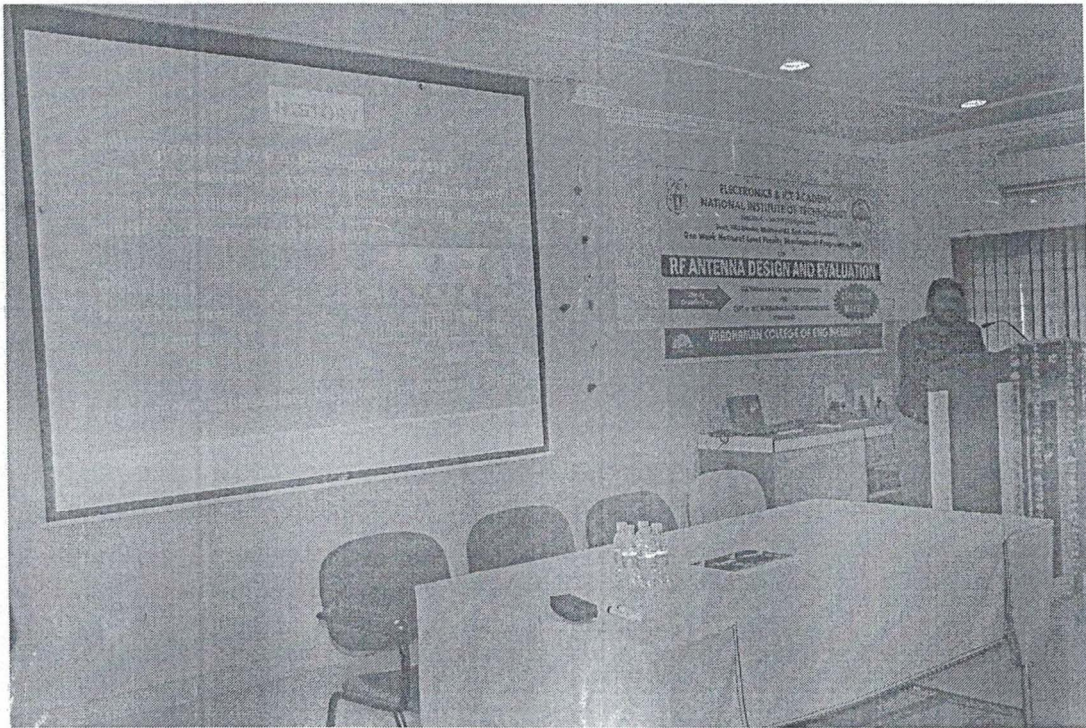
**Day 4: 18-05-2017**



Session by Mr. Nagaraju on Slotted Antenna Array Design
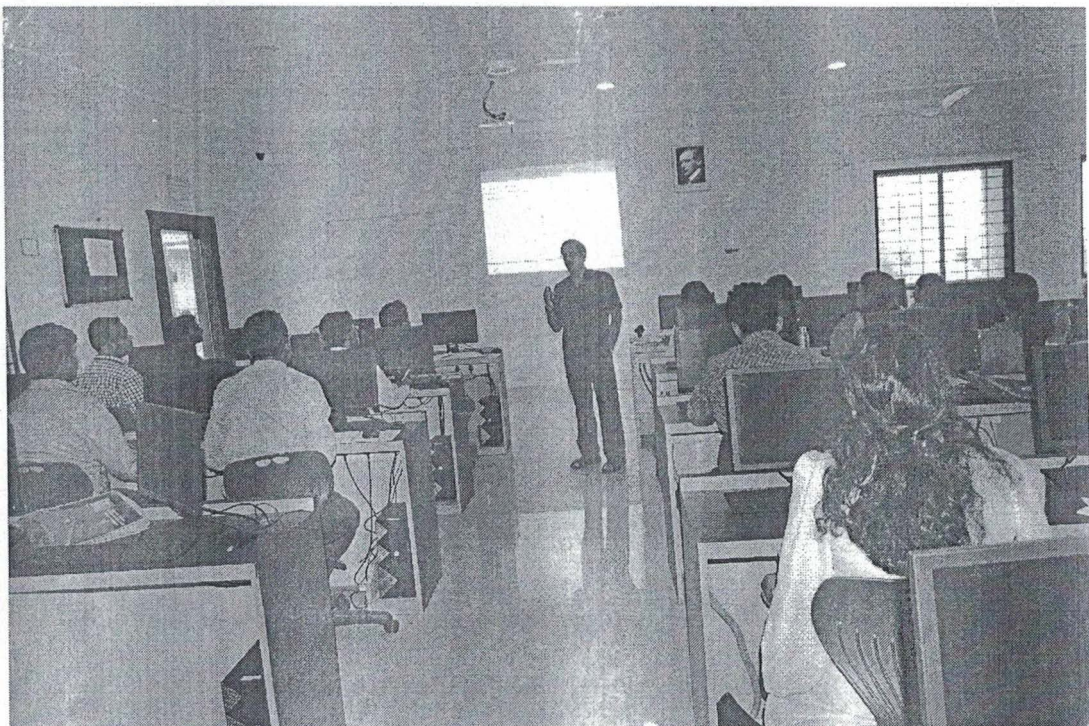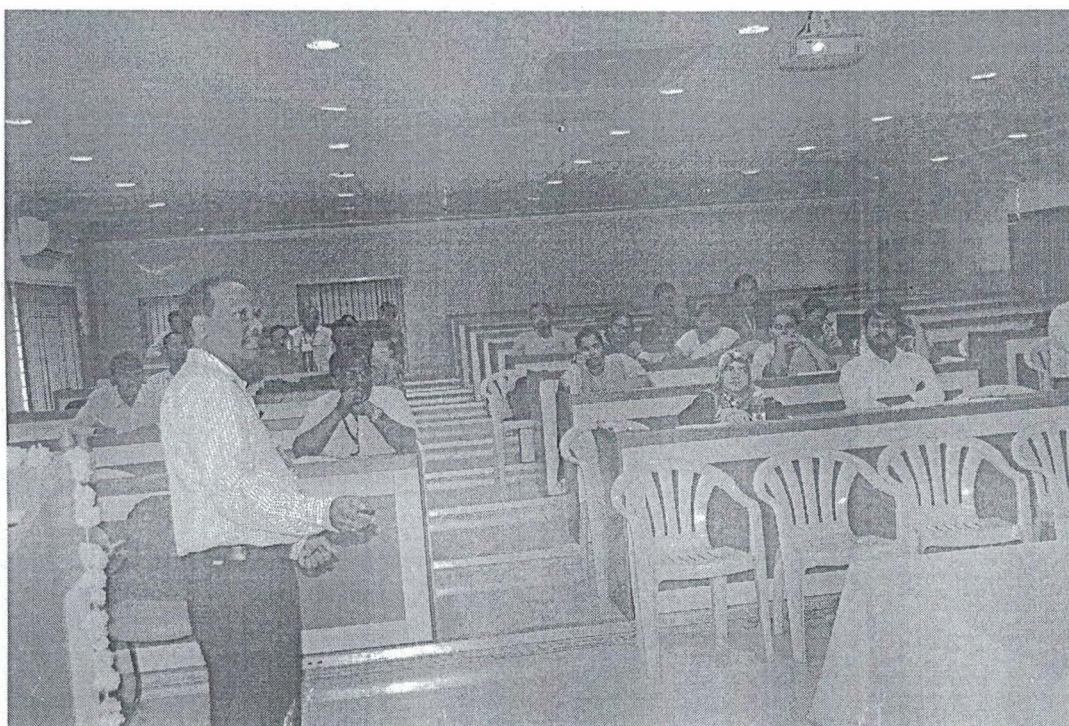


RCI Visit

**Day 5 : 19-05-2017**



Session by Mr. Sanjay, Scientist 'D', RCI on Microstrip Patch Antenna and CPW Antennas
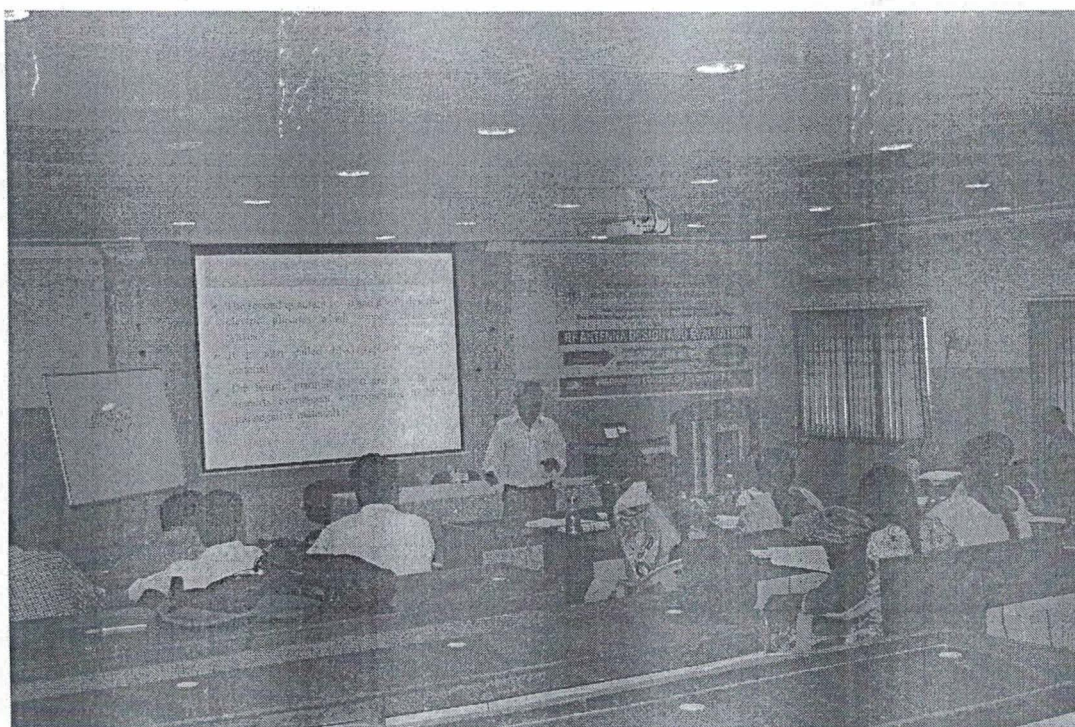


Session by Dr. L. Anjaneyulu on Broadband, Multi band and Ultra Wideband Antennas
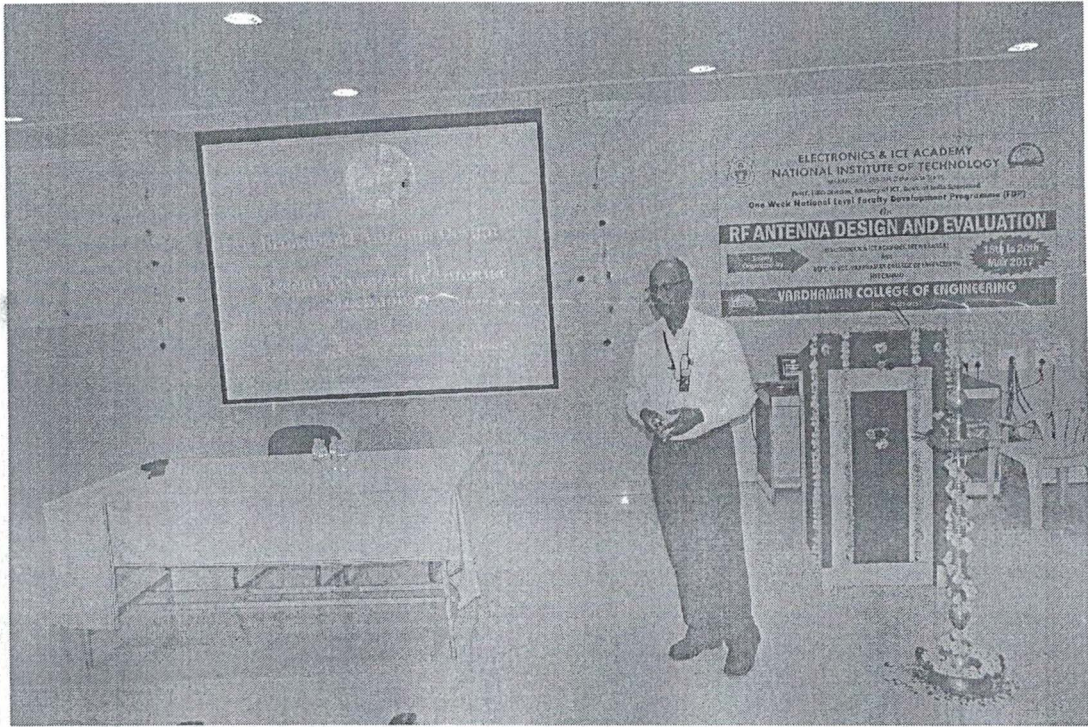
**Day 6: 20-05-2017**



Session by Dr. P. Nageswara Rao on Fractal Antennas



Session by Dr. N.V.S.N. Sarma on Metamaterials

Session by Dr. M. Balachary, Scientist 'H' on Broadband Antennas
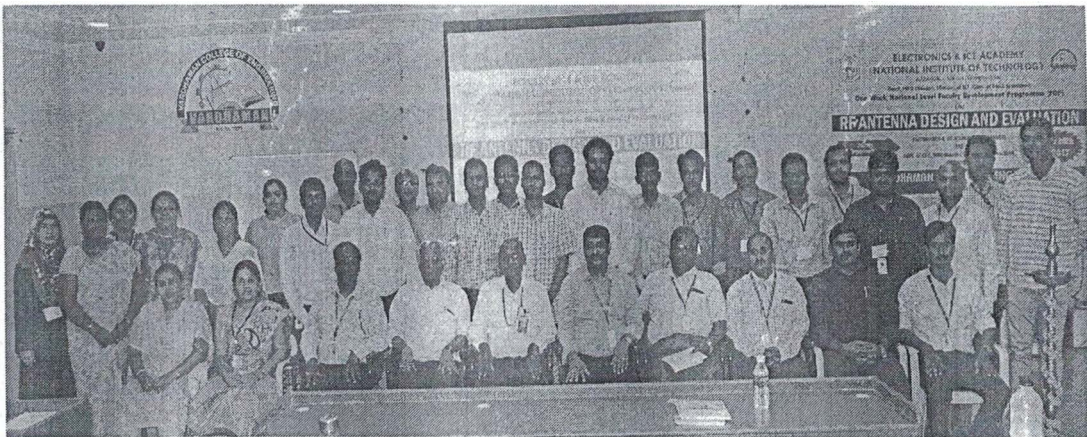


Group Photo of the Participants
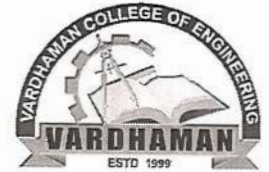
# FOUNDATION FOR INNOVATION AND COLLABORATIVE EDUCATION

BANGALORE - 560095, KARNATAKA, INDIA.

## One Week National Level Faculty Development Programme (FDP)

on

# EXCELLENCE IN INTELLIGENT SYSTEMS

**Jointly Organized by**

FICE, Bangalore
and
**Department of ECE**
Vardhaman College of Engineering, Hyderabad

**15th to 20th, MAY, 2017**

# VARDHAMAN COLLEGE OF ENGINEERING
(AUTONOMOUS)
SHAMSHABAD, HYDERABAD - 501218.

## FORMAT OF APPLICATION
### FOUNDATION FOR INNOVATION AND COLLABORATIVE EDUCATION
**One Week National Level**
**Faculty Development Programme (FDP)**
on
**Excellence in Intelligent Systems**

1. Name:

2. Designation:

3. Institution:

4. E-mail:

5. Address for Correspondence:

6. Educational Qualifications with specialization:

7. Subjects taught so far UG & PG :

8. No. of refresher courses/workshops attended:
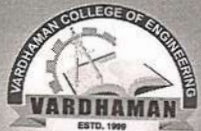
9. Experience (in years)
   Teaching:
   Research:
   Industry:

10. Accommodation required:     YES / NO

11. Do you belong to SC/ST:     YES/NO

**Declaration**

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the FDP and shall attend the course for the entire duration. I also undertake the responsibility to inform the Coordinator in case, I am unable to attend the course.

Place:
Date:                               Signature of the applicant

**SPONSORSHIP CERTIFICATE**

Dr./Mr./Ms. ..................................................... is an employee of our Institute/Organization and is hereby sponsored to participate in the FDP on Excellence in Intelligent Systems by FICE, Bangalore during 15th to 20th, May 2017 at Vardhaman College of Engineering, Hyderabad

Place:                              Signature of Head of Institution
                                                   (with seal)

---

### ADDRESS FOR CORRESPONDANCE

Mail the scanned copies of filled-in and duly signed application form to
**Mr. J. Krishna Chaithanya**
Associate Professor
Dept. of Electronics and Communication Engg,
Vardhaman College of Engineering,
Hyderabad-501218
**j.krishnachaitanya@vardhaman.org**
Mobile No. : 9885052980

For more information visit: www.vardhaman.org

**For any enquiry contact Coordinator :**
**Mr. J. Krishna Chaithanya**
Mobile No. : 9885052980

### ORGANIZING COMMITTEE

| | |
|---|---|
| **Dr. S Janardhan Rao,** | Associate Professor, ECE |
| **Dr. G Naveen Kishore,** | Associate Professor, ECE |
| **Mr. M Gopi Krishna,** | Associate Professor, ECE |
| **Mr. G Bhaskar Phani Ram,** | Assistant Professor, ECE |
| **Mr. B Raveendranadh,** | Assistant Professor, ECE |
| **Mr. C Lokanath Reddy,** | Assistant Professor, ECE |

### RESOURCE PERSONS

**Suryender Sharma**
**Yamini Shale**
Subject Matter Expert, FICE, Bangalore-560095
E-MAIL : yamini@fice.in

---

# FICE

## FOUNDATION FOR INNOVATION AND COLLABORATIVE EDUCATION
BANGALORE - 560095, KARNATAKA, INDIA.

**One Week National Level**
**Faculty Development Programme (FDP)**
on

## Excellence in Intelligent Systems

**Jointly Organized**
by
**FICE, Bangalore**
and
**Department of ECE**
**Vardhaman College of Engineering, Hyderabad**

( 15th to 20th, MAY, 2017 )

## VARDHAMAN COLLEGE OF ENGINEERING
(Autonomous)
Shamshabad - 501 218,Hyderabad, T.S.,India
www.vardhaman.org

# VARDHAMAN COLLEGE OF ENGINEERING

(AUTONOMOUS)

Shamshabad, Hyderabad - 501218

In Association with

## Foundation for Innovation and Collaborative Education

One Week FDP on Excellence in Intelligent Systems

15-05-2017 to 20-05-2017

| S. No. | Name of the Participants | Designation | 15/05/2017 | | 16/05/2017 | | 17/05/2017 | | 18/05/2017 | | 19/05/2017 | | 20/05/2017 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | FN | AN | FN | AN | FN | AN | FN | AN | FN | AN | FN | AN |
| 1 | Dr S. Jamardhana Rao | Assoc. Prof | | | | | | | | | | | | |
| 2 | Dr G. Naveen Kishore | Assoc. Prof | | | | | | | | | | | | |
| 3 | Shrawan Kumar (Dept. of CSE) | Asst. Professor | | | | | | | | | | | AB | AB |
| 4 | G. Bhaskar phani Ram | Asst. prof. | | | | | | | | | | | | |
| 5 | C. Lokanath Reddy | Assistant Professor | | | | | | | | | | | AB | AB |
| 6 | M. Gopikrishna | Associate Professors | | | | | | | | | | | | |
| 7 | B. Raveendra Nadh | Asst. Professor | | | | | | | | | | | | |
| 8 | J. Krishna Chaithanya | Assoc. Prof. | | | | | | | | | | | | |
| 9 | P. Jeevan Kumar | Assistant probew | P.J.K | P.J.K | P.J.K | P.J.K | P.J.K | P.J.K | AB | AB | P.JK | P.JR | P.JK | P.JK |
| 10 | G. Srikanth Reddy | Assoc. Prof | | | | | | | | | | | AB | AB |
| 11 | P. BUDDHA Reddy | Asst. Prof | | B | B | B | B | B | B | B | B | B | AB | AB |
| 12 | | | | | | | | | | | | | | |
| 13 | | | | | | | | | | | | | | |
| 14 | T. Srinivas | M.Tech (2nd year) | | | | | | | | | | | | |
| 15 | A. Bhanuchander | PG (Student) | | | | | | | | | | | | |
| 16 | B. Pavoni Mounika | PG (Student) | | | | | | | | | | | | |
| 17 | K. Praveen Kumar | PG (Student) | | | | | | | | | | | | |
| 18 | Y. Rohini | PG (Student) | | | | | | | | | | | | |

| S. No. | Name of the Participants | Lgnation | 15/05/2017 | | 16/05/2017 | | 17/05/2017 | | 18/05/2017 | | 19/05/2017 | | 20/05/2017 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | FN | AN | FN | AN | FN | AN | FN | AN | FN | AN | FN | AN |
| 19 | M. Archana | PG (student) | Archana | Archana | Archana | Archana | Archana | Archana | Archy | Apr | Archana | Archana | | |
| 20 | R. Anusha | PG (student) | R.Anusha | R.Anusha | R.Anusha | R.Anusha | R.Anusha | R.Anusha | R.Anusha | R.Anusha | R.Anusha | R.Anusha | | |
| 21 | Madhu Latha G | PG student | Madhu | Madhu | Madhu | Madhu | Madhu | Madhu | Madhu | Madhu | Madhu | Madhu | | |
| 22 | Y. Anuradha | PG Student | A | A | A | A | A | A | A | A | A | A | | |
| 23 | M. Shilpa | PG Student | Shilpa | shilpa | Shilpa | Shilpa | Shilpa | shilpa | shilpa | shilpa | shilpa | shy | | |
| 24 | M. Gowthami | PG Student | Gi | Gi | Gi | Gi | Gi | Gi | Gi | Gi | Gi | Gi | | |
| 25 | K. Goutham Reddy | UG Student | K.Goutham | K.Goutham | K.Goutham | K.Goutham | K.Goutham | K.Goutham | K.Goutham | K.Goutham | K.Goutham | K.Goutham | | |
| 26 | V. Pushpak Vyas | UG student | P.Vyas | P.Vyas | P.Vyas | P.Vyas | P.Vyas | P.Vyas | P | P | P | | |
| 27 | A. Sai Nikhil | UG student | Sainikhil | Sainikhil | Sai | Sai | Sainikhil | Sainikhil | Sainikhil | Sainikhil | Sainikhil | Sainikhil | | |
| 28 | T. Aneesh | UG student | Aneesh | Aneesh | Aneesh | Aneesh | Anuj | Anuj | Aneesh | Anuj | Anuj | Anuj | | |
| (29) | M. ANURAG | UG student | Anurag | Anurag | Anurag | Anurag | Anurag | Anurag | Anurag | Anurag | Anurag | Anurag | | |
| 30 | CH. Srinu | UG Student | Srinu | Srinu | Srinu | Srinu | srinu | srinu | S | S | Srinu | srinu | | |
| 31 | G. Sukesh Reddy | UG Student | Suy | Suy | Suy | Suy | suk | yur | Suy | Suy | Suy | Suy | | |
| 32 | M.A. Osman Afroz | UG student | Osman | Osman | AfR | Af | Affy | Affy | Affe | Afr | Afry | Afr | | |
| 33 | G. Revanth | UG student | Revanth | Revanth | Revanth | Revanth | Revanth | Revanth | Revanth | Revanth | Revanth | Revanth | | |
| 34 | G. Ajith Reddy | UG Student | Ajith | Ajith | Ajith | Ajith | Ajith | Ajith | Ajith | Ajith | Ajith | Ajith | | |
| 35 | P. Deepika Reddy | UG Student | A | A | A | A | A | A | A | A | A | A | | |
| 36 | C. Supriya | UG student | c.supriya | c.supriya | c.supriya | c.supriya | c.supriya | c.supriya | supriya | supriya | c.supriya | c.supriya | | |
| 37 | Ch. Sri Chandana | UG Student | Chandana | Chandana | Chandana | Chandana | Chandana | Chandana | chandu | chandu | Chandu | Chandu | | |
| 38 | Chandana | | | | | | | | | | | | | |
| 39 | K. Ajay Kumar | PG student | AB | AB | AB | AB | Lay | Lay | Lay | Lay | Cay | Cay | | |
| 40 | G. BINDHU | PG (student) | AB | AB | AB | AB | Bindhu | Bindhu | AB | AB | AB | AB | | |

Signature of FDP Co-ordinator

# VARDHAMAN COLLEGE OF ENGINEERING
## (AUTONOMOUS)
### Shamshabad, Hyderabad - 501218
#### In Association with
## Foundation for Innovation and Collaborative Education
### One Week FDP on Excellence in Intelligent Systems
### 15-05-2017 to 20-05-2017

| S. No. | Name of the Resource Person | Designation | 15/05/2017 | | 16/05/2017 | | 17/05/2017 | | 18/05/2017 | | 19/05/2017 | | 20/05/2017 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | FN | AN | FN | AN | FN | AN | FN | AN | FN | AN | FN | AN |
| 1 | Suryender Kumar | Manager – Tech. | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 2 | Yamini Shole | S.o. Embedded Consultant | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

**Comments and Feedback:**

1. College campus is very nice, good facilities for students to carry curricular and extra curricular activities.

2. All faculty members are experienced with very good technical and analytical skills, also very motivating for th students to

3. develop some good technical stuff.

4.

**Signature of FDP Co-ordinator**

From

Mr. J. Krishna Chaithanya

Co-ordinator

One week FDP on "Excellence in Intelligent Systems"

(15th May, 2017 to 20th May, 2017)

(Being conducted in association with FICE, Bangalore)

To

The Principal

Vardhaman College of Engineering

Shamshabad, Hyderabad

Sir,

**Sub :-** One week FDP on "Excellence in Intelligent Systems" certain requirements – Reg.

The department of Electronics and Communication Engineering is conducting a one week Faculty development program on Excellence in Intelligent Systems from 15th May, 2017 to 20th May, 2017 in association with FICE, Bangalore.

In this connection I would like to request to provide the following

1. Accommodation for out station Resource Persons (1 Male & 1 Female) in this college hostel.
2. Permitting the participants to avail College bus during the course.
3. Three Special Lunches for Resource Persons.
4. One Vehicle to take care dignitaries pickup and drop throughout FDP period.

Thanking You,

*forwarded to principal*

*13/05/2017*

Yours Faithfully

*13/5/17*

Mr. J. Krishna Chaithanya

Co-ordinator

19-05-2017

To,
The Office of FICE,
Bangalore – 560095, India.

Dear Sir/Madam,
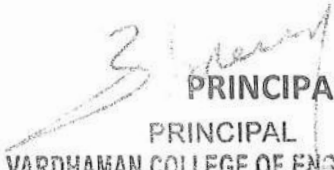
**Sub:** FICE – Faculty Development Program (FDP) – Citation on performance – reg.

Advertant to the FDP on Excellence in Intelligent Systems under the aegis of the FICE, Bangalore. We acknowledge Ms. Yamini Shale & Mr. Suryender Sharma, Subject Matter Experts FICE, respectively.

In view of the concluded FDP at our campus at the Embedded Systems Laboratory (Room No. 3021) as venue for the same. The Dept. of ECE under the auspices of VCE, Hyderabad, held between 15th May & 19th May 2017. The department as well as the college found the program informative, purposeful & the contribution by the trainers cited above is worth mentioning and performance wise, it was found to be commendable in appreciation of the levels of their imparting the training.

We look forward to have similar events of education trainings in near future to happen. We also earnestly hope that in pursuance of the Intel IoT Lab, the future coordination in further execution of internship programmes.

The assistance is well appreciated in the wake of undertaking similar efforts towards undertaking research oriented for sustainability.

**PRINCIPAL**
PRINCIPAL
VARDHAMAN COLLEGE OF ENGINEERING
Shamshabad, Hyderabad.

# Intel® College Excellence Program
## Excellence in Intelligent Systems .
### 4-day Workshop

## Workshop Pre-requisite:

- Familiarity with Linux based OS / Linux command line interface and editors like vi, nano.
- C/C++ based application building in Linux environment.
- Prior knowledge of basic python is desirable.
- Basic Arduino API and its role in building Embedded Systems is desirable.

**NOTE:**
*Both Ethernet and Wi-Fi facilities is necessary for the training and they should not be using any firewall and proxy settings.

## Workshop agenda:

| S. No. | WORKSHOP AGENDA | |
|---|---|---|
| | **Day One**<br>**Objective: Understanding Intel Galileo and its Interfacing techniques** | **Total Duration**<br>**6.5 hours** |
| 1 | Embedded Linux and Intel Galileo - platforms, IOT applications and related case studies | |
| 2 | **Familiarity with Arduino API**<br>Programming using Arduino API and its role in building embedded applications | |
| 3 | **Lab Demonstration:**<br>Interfacing various Digital/Analog Sensors (GPIO, PWM, Analog) | |
| | **Day Two**<br>**Objective: Embedded protocols and setting up IoT components for Intel Galileo** | **Total Duration**<br>**6.5 hours** |
| 4 | **Introduction to Serial communication protocols** | |
| 5 | **Project Case Study:**<br>  • Data logging using SD library<br>  • Programming UART based GPS/GSM-GPRS Shields and related applications | |
| 6 | **Lab demonstration:**<br>  • Building IoT SD card image<br>  • Accessing Linux terminal using Virtual Serial Interface like PUTTY/Tera term (Shell commands and utilities )<br>  • Setting up Networking (*Ethernet and *Wi-Fi) | |
| | **Day Three**<br>**Objective: Project Ideation and Building IoT based Applications** | **Total Duration**<br>**6.5 hours** |
| 7 | Building POSIX based Embedded Linux applications | |
| 8 | **3-Tier architecture of IoT applications and related protocols:**<br>  • Understanding TCP/IP and Arduino Ethernet Library API<br>  • HTTP based Arduino applications | |

# FICE

## Intel® College Excellence Program
### Excellence in Intelligent Systems
### 4-day Workshop

## Workshop Pre-requisite:

- Familiarity with Linux based OS / Linux command line interface and editors like vi, nano.
- C/C++ based application building in Linux environment.
- Prior knowledge of basic python is desirable.
- Basic Arduino API and its role in building Embedded Systems is desirable.

**NOTE:**
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|---|---|---|
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| 4 | **Introduction to Serial communication protocols** | |
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| 7 | Building POSIX based Embedded Linux applications | |
| 8 | **3-Tier architecture of IoT applications and related protocols:**<br>• Understanding TCP/IP and Arduino Ethernet Library API<br>• HTTP based Arduino applications | |

FICE

Suryender Kumar Sharma

Blood group
O+

Employee ID
FICE2016005

Issuing Authority



FICE

Yamini Shale

Blood group
O+

Employee ID
FICE2016002

Issuing Authority

**IUCEE Workshop on Engineering Education Transformations, Embedded Design**



Engineering is the application of scientific, economic, social, and practical knowledge in order to invent, design, build, maintain, research and improve structures, machines, devices, systems, materials, and processes. Engineering education is the activity of teaching knowledge and principles related to the professional practice of engineering.

The **ICTIEE-2017: 04th International Conference on Transformations in Engineering Education** aims to bring together leading academic scientists, researchers and research scholars to exchange and share their experiences and research results on all aspects of Transformations in Engineering Education. It also provides a premier interdisciplinary platform for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns as well as practical challenges encountered and solutions adopted in the fields of Transformations in Engineering Education. It was held on in (Hyderabad, Rajkot, Jaipur) India during January 6 – 12, 2017.

At ICTIEE-2017, Hyderabad – a congregation of 36 international delegates from all over the globe along with a union of industrialists, bureaucrats, academicians, researchers of national importance, gathered together to steer the technical education in INDIA to its pinnacle.

ICTIEE-2017, Hyderabad center has received more than 150 submissions. The papers came from both academia and industry reflecting the international flavor of this event in the topics of Outcome based education (OBE), Teaching and learning process (T&LP), Project based learning (PBL) & Online learning environment (OLE) under the platform of Engineering Education and Technology. Based on the review committee, constituted on international repute report 87 papers were accepted for presentations. All the accepted papers have been presented by oral presentations & were grouped into various parallel sessions viz., T&L, OBE, PBL & OLE on DAY-1 & 2 from 04:30 PM to 07:00 PM. During the conference, many novel research works caught the attentions of the participants.

The inaugural session was conducted on 06th January 2017 in the auditorium of Vardhaman College of Engineering, Hyderabad, Telangana State, India. Prior to the inaugural session, there were preamble talks by Industry personnel along with hands – on sessions to make the sessions fruitful to the participants. The following organizations participated in these sessions: Quanser, NI, Virtual Labs, Dassault Systems, Emona, ARM, Digilent, Spectraquest, IonCudos, InPods, Comsol, Mathworks, Cypress. An invited talk on "Confronting Plagiarism to Safeguard Academic Integrity " by Dr. Veena Kumar, Professor, University of Maryland University College, USA made the audience clear in their minds about what is plagiarism and the thin line between plagiarism and collecting information from Internet.

During Inauguration, the Guest of Honor Sri. CH. Mallareddy, Member of Parliament spoke at length regarding the role of youth in national development. He advised the participants to mould the youth under their stewardship to be constructive in building social cohesion, economic prosperity and political stability in INDIA in an inclusive and democratic way. The Chief Guest, a noted entrepreneur Dr. B V R Mohan Reddy, Founder and Managing Director Cyient (Formerly known as Infotech Enterprises) India, Former Chairman NASSCOM stressed the importance of entrepreneurship and suggested to the audience to admonish the young engineers to take to entrepreneurship as an alternative to employment, higher studies & research.The Distinguished Guest Dr. R. Natarajan, Former Director IIT Madras & Former Chairman AICTE, laid emphasis on research in addition to teaching for the engineering educators and enjoined the utilization of research grants for their R&D works thereby improving the standards of technical education in INDIA. Also he underlined the importance of accreditation and vision for global competitiveness. At the end of strenuous DAY 1 schedule, the students of Vardhaman College of Engineering entertained all the international delegates and participants with their great cultural performance which made the audience pleasant and cheerful.

The DAY 2: 07th January, 2017 was started by the key note address by Dr. Michael Miligan, CEO, ABET reiterated the significance of outcome based education and the role of ABET in establishing processes that make the ABET accredited programs setting standards globally. This was followed by a series of interesting talks and discussions by expert academicians & industrialists which kept the participants learning all through. In recognition to the active participation and support given by the various organizations/persons to this conference, Prof. Krishna Vedula hosted a LEADERSHIP BANQUET in honor of them at the end of DAY-2.



On the concluding day at Hyderabad i.e. 08th January 2017, a series of invited talks on transformations in engineering education by experienced professionals of international stature took place at various parallel sessions. While this international conference ICTIEE – 2017 was in progress, Women in Engineering & EPICS programs went on simultaneously for invited delegates of IUCEE consortium colleges. The valedictory session was very vibrant with Dr. Krishna Vedula taking an electrifying lead and announcing various awards for the institutions and personnel for their overall contribution to IUCEE activities for the year of 2016. It was an honor to have Dr D N Reddy, Director of ESCI & Ex Vice Chancellor JNTUH as Chief Guest of valedictory function. Dr D N Reddy, mentioned that India has a potential for becoming one of the technological leaders globally and the country has seen remarkable developments over the past couples of years. However, there are some issues that are to be sorted like system planning, infrastructure, social acceptance for making our OBE system more effective. He reminded that all the engineering educators should strive constantly to meet the objectives of OBE in

the country. On the eve of this conference, the management of VARDHAMAN COLLEGE OF ENGINEERING felicitated notable academicians and administrators for their valuable contributions towards improvements of higher education in India.

Finally, it was heartening to note that this ICTIEE-2017 acted as a platform for engineering educators to CONNECT, SHARE, TRANSFORM and there by fulfilling the motto of this event.

## Objectives of the workshop

This workshop on Antenna & RF Components modeling using HFSS will incorporate theory into practice and will enable the participants to gain insights into the design, development and testing of various RF components and circuits that are being implemented as MINI and MAJOR Projects..

The workshop on HFSS will fulfill the following objectives:

- Explain the Basics of HFSS Software
- Understand existing and emerging Research Topics for implementation of projects
- Design of various types of Antennas and RF components.
- Describe and understand a broad spectrum of Filters, Power dividers etc. and their types
- Expertise in HFSS Tool for designing various RF components, SAR, EMI Analysis, optimization, tuning techniques etc.

Keeping in mind, the importance of research in frontier areas like RF & Microwaves, ECE Dept., Vardhaman College of Engineering in association with ARK Info Solutions Bangalore is organizing a workshop on RF Circuit Design using Ansys-HFSS.

## Registration Details

- ❖ No Registration Fee for the Participants.
- ❖ Limited number of Participants (35 - 40) will be accommodated on first-cum-first served basis.
- ❖ Lunch, Tea and Snacks will be provided.

## Important Dates

Last date for Registration      :      17/07/2016
Date of Acceptance Intimation   :      20/07/2016

### For further details contact

**Prof.N.U.M.Rao**
Professor
Department of ECE
Vardhaman College of Engineering
Ph. 9440158596
e-mail: numrao.3108@gmail.com

Participants may avail free transport facility on our college buses.

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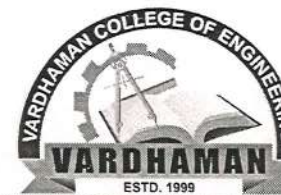
# Work-Shop
# On
# ANTENNA & RF COMPONENTS MODELING
# USING HFSS

## 21-23, July 2016

**For Faculty, Students- RF Group**

**Supported By**
## EMBEDDED RF TECHNOLOGIES
## Hyderabad

**Chair Person**
## Prof. Y. Pandu Rangaiah
**Professor, ECE**
**Coordinator**
## Mr.D.M.K.Chaitanya
**Associate Professor, ECE**

## Organized by
**Department of Electronics and Communication Engineering**
# VARDHAMAN COLLEGE OF ENGINEERING
## (AUTONOMOUS)

Approved by AICTE, New Delhi and Affiliated to JNTU, Hyderabad
Accredited by National board of Accreditation(NBA), New Delhi
Accredited by NAAC with 'A' Grade
Shamshabad – 501218, Hyderabad (A.P.)
Ph: 08413 – 253335, 253201; Fax: 08413 - 253482
Website: www.vardhaman.org

# VARDHAMAN COLLEGE OF ENGINEERING

### (AUTONOMOUS)
#### Shamshabad – 501218, Hyderabad (A.P.)

## Workshop on
# ANTENNA & RF COMPONENTS MODELING USING HFSS
## 21-23 July 2016

### Supported By
## EMBEDDED RF TECHNOLOGIES, HYDERABAD

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## REGISTRATION FORM

Name:............................................................................

Designation: ...................................................................

Department: ....................................................................

Organization: ..................................................................

Address for Correspondence:................................................

...................................................................................

Ph:................................................E-mail ID:........................

**Signature of the Participant**

---

**Chief Patrons**

Dr. T. Vijender Reddy, *Chairman, VCE*
Sri. T. Upender Reddy, *Secretary, VCE*
Sri. M. Rajasekhar Reddy, *Vice-Chairman*, VCE
Sri. E. Prabhakar Reddy, *Treasurer, VCE*

**Patron**

Dr. S.Sai Satyanarayana Reddy, *Principal, VCE*

**Advisory Committee**

Prof. Y. Pandu Rangaiah, *Head, ECE*
Dr. R. Murali Prasad, *Professor, ECE*
Dr. J.V.R.Ravindra, *Professor, ECE*
Dr.G.A.E.Satish Kumar, *Professor, ECE,*
Prof. N. Umamaheshwar Rao, *Professor, ECE*

**Organizing Committee**
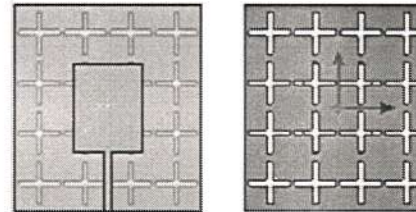
Prof.Uma Maheswara Rao
Mr. D.M.K.Chaitanya
Mr.B.Sekhar Babu
Mr. K.H.Murali
Mr. N.Satya narayana
Mr. Ch. Rama Krishana
Mr.G.Narendra
Mr.K.L.N.Kishore
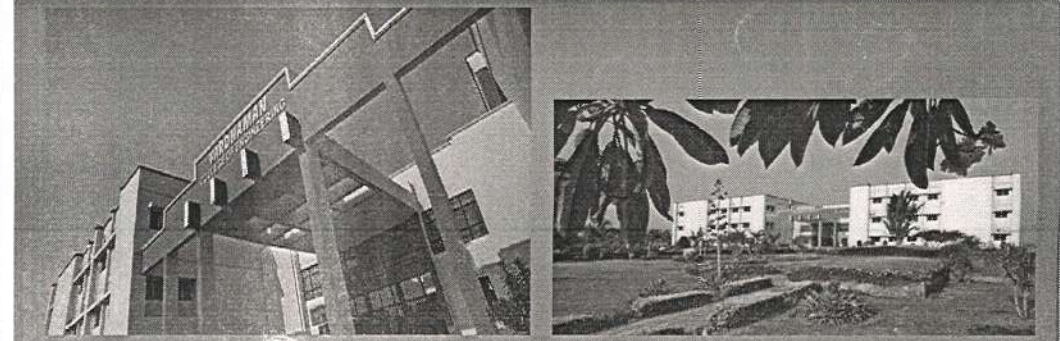
(a)     (b)


HFSS
VERSION TWELVE
The Standard of
3D High-Frequency
Electromagentic
Simualtion

# VARDHAMAN COLLEGE OF ENGINEERING

## (AUTONOMOUS)
### Shamshabad, Hyderabad – 501218

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
## WORSHOP ON ANTENNA & RF COMPONENTS MODELING USING HFSS

### WORK-SHOP OUTCOMES

➤ Students understood how to simulate and validate the performance of different types of antennas and RF components using Ansys-HFSS software.
➤ Students are capable of design, develop and test their mini/major projects.
➤ Faculty upgraded their technical skills in RF domain.
➤ Faculty exhibited enhanced confidence levels for their pursuing higher studies/ research / publications/patents in Antennas & RF Components design.

### PHOTOS OF THE WORKSHOP
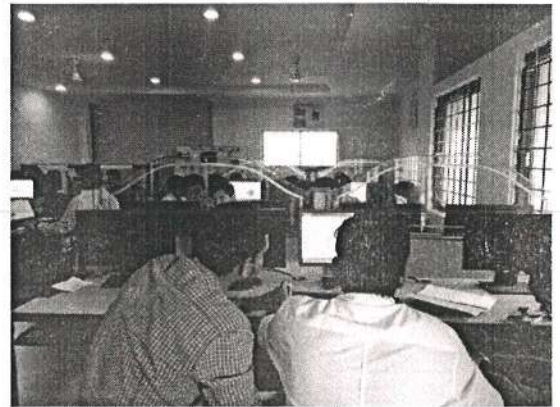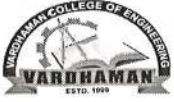
# VARDHAMAN COLLEGE OF ENGINEERING

## (AUTONOMOUS)

Shamshabad, Hyderabad - 501 218

### DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

15-07-2016

## CIRCULAR

All the faculty members & students of RF-HFSS group of ECE department are hereby informed that there will be a 3 day work shop on **"Antenna & RF Components Modeling using HFSS"** during the period 21-07-2016 to 23-07-2016. All the faculty & students concerned are advised to attend the above workshop and should upgrade their technical skills.

Venue:  RF-HFSS Lab

Time: 10 AM - 4.30 PM

**Head, ECE**

# VARDHAMAN COLLEGE OF ENGINEERING
## (AUTONOMOUS)
Shamshabad, Hyderabad – 501218

### DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
### WORSHOP ON ANTENNA & RF COMPONENTS MODELING USING HFSS

Date: 25/07/2016

Name of the department : ECE

Title of the FDP : Antenna & RF Components Modeling Using HFSS

Organized dates : From 21/07/2016 to 23/07/2016

Name of the Coordinator with Ph. No's : Mr. D.M.K.Chaitanya, 9866823542

No. of Participants : 42

No. of faculty members benefited by the Workshop :
    Within the department : 08 (Faculty o f ECE)
    Other department : 02

Total amount allotted for FDP : Rs.50,000/-

Total Income from external participants : NIL

Total expenditure incurred for the FDP : Rs.35,000/-(Trainer charges) +

    Rs.15,000/- (Hospitality)

Amount generated for Corpus fund (if any) : NIL

(Internal Revenue Generated)

Signature of the Coordinator

Forwarded by HOD, ECE

PRINCIPAL

Encl:
    01.    List of resource persons
    02.    Report
    03.    Copy of brochure
    04.    Photos of FDP

# VARDHAMAN COLLEGE OF ENGINEERING

**(AUTONOMOUS)**

Shamshabad, Hyderabad – 501218

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**WORSHOP ON ANTENNA & RF COMPONENTS MODELING USING HFSS**

**List of Resource Persons:**

From Department of E.C.E

1. Prof.Y.Pandu Rangaiah, HOD, ECE
2. Prof.N.Uma Maheswara Rao
3. Mr.D.M.K.Chaitanya
4. Mr.B.Sekhar Babu
5. Mr.K.H.Murali

From Embedded RF Technologies, Hyderabad

1. Mr.Sourabh Joshi
2. Mr.Bhavani Shankar

HOD, ECE

# VARDHAMAN COLLEGE OF ENGINEERING

**(AUTONOMOUS)**

Shamshabad, Hyderabad – 501218

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
## WORSHOP ON ANTENNA & RF COMPONENTS MODELING USING HFSS

### REPORT

The Department of Electronics & Communication Engineering, in pursuance of improving the capabilities of the faculty and students, had organized a three day workshop from 21-07-2016 to 23-07-2016 on **Antenna & RF Components Modeling using HFSS** in association with M/s. Embedded RF Technologies, Hyderabad.

**Overview:** ANSYS - HFSS Software is the industry standard for simulating 3D, Full wave, Electromagnetic fields. Its gold-standard accuracy, advanced solvers and high performance computing technologies make it an essential tool for engineers tasked with executing accurate and rapid design in high frequency and high speed electronic devices and platforms. HFSS offers state- of the – art solver technologies based on finite element, integral equation, asymptotic and advanced hybrid methods to solve a wide range of microwave, RF and high speed digital applications.

**Objectives of the workshop:** The main objectives in mounting this workshop are

- To educate the students in terms of technical expertise right from fundamentals to design level so that they will be able to design, develop, test their mini and major projects in RF and Microwave areas.
- To impart training to faculty in terms of latest trends in technology using HFSS software simulation tools.

### DAY-1 (21-07-2016, THURSDAY):

The hands on Session were performed. Mr.Sourabh Joshi of Embedded RF Technologies lead the participants to design bi conical antenna and corporate feed network in the forenoon (FN) session.
In the afternoon session (AN) participants were busy with design and simulation of log periodic antenna.

### DAY-2 (22-07-2016, FRIDAY):

All the participants actively participated on day 2 involving in the design and simulation of aperture coupled patch antenna and helical antenna in the forenoon (FN)session.
In the afternoon (AN) session, helical antenna and dielectric resonator antennas were modeled and analyzed.

### DAY-3 (23-07-2016, SATURDAY):

In the forenoon (FN) session of day 3, participants had hands on session dealing with the modeling of RF components like Filters, Mixers, Hybrid coupler etc.,
In the afternoon session (AN) of day 3, all participants interacted and exchanged their views with the experts (both external and internal) regarding the realization of their mini/major projects.

The workshop concluded by taking the feed back from all the particiapants.

2. Developing the Hardware and Software of Development to IoT environment in ARDUINO platform.

3. Hands-on experience for participants with Human–machine interfaces.

## TEAM OF RESOURCE PERSONS:
From Embedded RF Team

1. **Bhavani Shankar** – 9030409804

2. **Sourabh Joshi** – 9618155458

## SCHEDULE:

| DAY | MODULE | TIME |
|---|---|---|
| DAY 1 (11/07/16) | Introduction to IOT(Internet Of Things) | 9:45 – 11:30 |
| | Arduino Hardware Description | |
| | BREAK | 11:30 – 11:40 |
| | Various applications of IOT & Basic Configuration | 11:40 – 1:00 |
| | LUNCH | 1:00 – 2:00 |
| | Technologies involved & Servers available in Market | 2:00 – 4:30 |
| | Arduino – Sensor interfacing like DHT-11, Gas sensor, PIR sensor etc | |
| DAY 2 (12/07/16) | Constructing a Message format, transmitting it through NRF to another arduino. | 9:45 – 11:30 |
| | Raspberry PI Introduction & Hardware Description | |
| | BREAK | 11:30 – 11:40 |
| | Raspberry Pi- NRF connection | 11:40 – 1:00 |
| | Raspberry Pi- NRF programming | |
| | LUNCH | 1:00 – 2:00 |
| | Basics of SQlite Database | 2:00 – 4:30 |
| | Practical Session | |
| DAY 3 (13/07/16) | Receiving data from one node | 9:45 – 11:30 |
| | Receiving data from multiple nodes | |
| | BREAK | 11:30 – 11:40 |
| | Receiving data from multiple nodes and uploading to SQlite server | 11:40 – 1:00 |
| | LUNCH | 1:00 – 2:00 |
| | Uploading the data into Firebase | 2:00 – 4:30 |
| | Retrieving data from Firebase | |
| | TEST PROJECTS BASED ON ALL INTERFACES | |

| | | | |
|---|---|---|---|
| **DAY 4**<br>**(14/07/16)** | Introduction on various PROJECTS done in 2015-16 | 9:45 – 11:30 |
| | **BREAK** | 11:30 – 11:40 |
| | Assessing of all TEAMS from each section | 11:40 – 12:15 |
| | Transforming the ideas of PROJECTS | 12:15 – 1:00 |
| | **LUNCH** | 1:00 – 2:00 |
| | Discussion on PROJECTS (Q & A) | 2:00 – 4:30 |
| **DAY 5**<br>**(15/07/16)** | Discussion on Ideation PROJECTS for<br>MINI & MAJOR PROJECTS | 9:45 – 11:30 |
| | **BREAK** | 11:30 – 11:40 |
| | Finalizing the PROJECT TITLE | 11:40 – 1:00 |
| | **LUNCH** | 1:00 – 2:00 |
| | Execution of allocated PROJECTS | 2:00 – 4:30 |
| | **QUESTION & ANSWER SESSION** | |

**Faculty Coordinators:**

1. Mr. J. Krishna Chaithanya
2. Mr. S. Janardhan Rao
3. Mr. M. Gopi Krishna
4. Mr. B. Raveendranath
5. Mr. G. Bhaskar Phani Ram
6. Mrs. V. Jyothi
7. Ms. Sri Jayathi

HOD, ECE

# VARDHAMAN COLLEGE OF ENGINEERING
## (AUTONOMOUS)
### Shamshabad-501218, Hyderabad
## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
### RF-HFSS WORKSHOP
### ATTENDANCE SHEET

2nd Day
3rd Day

4M7, 14885-430,438,441

14885A0428,438
Absentees = 02

| S. No | ROLL NO | NAME OF THE STUDENT | SEC | 21/07/16 FN | 21/07/16 AN | 22/07/16 FN | 22/07/16 AN | 23/07/16 FN | 23/07/16 AN |
|---|---|---|---|---|---|---|---|---|---|
| 1 | 13881A0478 | CH. MOHAN | B | Ch Maho | Clileoly | ✓ | ✓ | ✓ | ✓ |
| | 13881A04C2 | G.RAJESH | C | | | Rajesh | Rajesh | ✓ | ✓ |
| 3 | 13881A04J3 | V.SRAVYA | D | V.Sravya | V.Sravya | V.Sravya | V.Sravy. | ✓ | ✓ |
| 4 | 13881A04J5 | V.SRIHARI | D | | | | | | |
| 5 | 13881A04K2 | F.SRINIVASA RAGHAVAN | D | fidd | fidd ✓ | Sam | Sam | ✓ | ✓ |
| 6 | 13881A04K9 | T.FATHIMA | D | Thufa | thufa | Fhfc | thfc | ✓ | ✓ |
| 7 | 13881A04L0 | D.T.ANUJA | D | Danj | Danjon | Danj | Danj | ✓ | ✓ |
| 8 | 13881A04L2 | T.THIRUPATHI | D | Thirupathi | Thirupathi | Ganag | Omd | ✓ | ✓ |
| 9 | 13881A04M7 | M.VIHASITHA | D | Absent | Absent | Absent | Abst | ✓ | ✓ |
| 10 | 13881A04M9 | Y.VIJAYAKUMAR | D | | | | | | |
| 11 | 13881A04N5 | P.VIPUL KUMAR JAIN | D | | | | | | |
| 12 | 13881A04N9 | T.YASHWANTH | D | | | | | | |
| 13 | 14885A0401 | N.AISHWARYA | E | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

Total no of Absentees = 02 → Total no. of Absentees = 05

| S. No | ROLL NO | NAME OF THE STUDENT | SEC | 21/07/16 FN | 21/07/16 AN | 22/07/16 FN | 22/07/16 AN | 23/07/16 FN | 23/07/16 AN |
|---|---|---|---|---|---|---|---|---|---|
| (9) 14 | 14885A0403 | A.ANOOKH | B | Anookh | Anookh | ✓ | ✓ | ✓ | ✓ |
| (10) 15 | 14885A0404 | K.BHANU PRAKASH | C | Bhanu | Bhanu | Bhanu | Bhanu | ✓ | ✓ |
| (11) 16 | 14885A0405 | G.DEEKSHA | D | Deeksha | Deeksha | Deeksha | Deksha | ✓ | ✓ |
| (12) 17 | 14885A0407 | M.DHANRAJ | D | Dhanraj | Dhanraj | | | ✓ | ✓ |
| (18) | 14885A0409 | K.GOVARDHAN GOUD | D | | | | | | |
| (13) 19 | 14885A0415 | M.KOMAL | E | M.komal | M.komal | M.komal | M.komal | ✓ | ✓ |
| (14) 20 | 14885A0424 | A.NIKHIL | E | Reddy Nikil A | Reddy Nikil A | Reddy Nikil A | Reddy Nikil A | ✓ | ✓ |
| (21) | 14885A0426 | V.PAVAN KALYAN REDDY | D | | | | | | |
| (15) 22 | 14885A0428 | K.RAJU | D | Raj | Raj | Raj | Raj | A | A |
| (16) 23 | 14885A0430 | B.RAMADEVI | E | Ramdi | Ramdi | Absent | Absent | ✓ | ✓ |
| (17) 24 | 14885A0438 | M.K.SHIVAKUMAR | D | Absent | Absent | Absent | Absent | A | A |
| (18) 25 | 14885A0439 | P.SHIVA KUMAR | D | SN | SN | ✓ | ✓ | ✓ | ✓ |
| (19) 26 | 14885A0441 | P.SHRAVAN KUMAR | E | Shy | Shy | Absent | Absent | ✓ | ✓ |
| (20) 27 | 14885A0442 | M.SHYAMALA | E | Shyam | Shye | Shy | Sh | ✓ | ✓ |
| (28) | 14885A0443 | B.SHIVA KUMAR REDDY | E | | | | | | |
| (21) 29 | 14885A0447 | M.TARUNI | E | Taru | Taru | Taru | Taru | ✓ | ✓ |
| (22) 37 | 14885A0431 | G. Ranjith Kumar | E | Raj | Raj | Absent Raji | Absent Raji | ✓ | ✓ |

| S. No | ROLL NO | NAME OF THE STUDENT | SEC | 21/07/16 FN | 21/07/16 AN | 22/07/16 FN | 22/07/16 AN | 23/07/16 FN | 23/07/16 AN |
|---|---|---|---|---|---|---|---|---|---|
| (30) | 14885A0450 | A.VEERANJANEYULU | E | | | | | | |
| 31 (23) | 14885A0452 | N.VINAY CHOWDARY | E | N.Vinay | P.Vinay | ✓ | ✓ | ✓ | ✓ |
| 32 (24) | 14885A0453 | P.VINAY KUMAR REDDY | E | P.Vinay | P.Vinay | ✓ | ✓ | ✓ | ✓ |
| 33 (25) | 14885A0455 | G.VISHAL | E | | | | | ✓ | ✓ |
| 34 (26) | 13881A04N2 | G.Vineela | D | Vimu | Vimla | | Vineela | ✓ | ✓ |
| 35.) (27) | 14885A0433 | S.SAI VIKAS | E | Vikas | Vikas | ✓ | ✓ | ✓ | ✓ |
| 36) (28) | 14885A0445 | P.Srinivas | E | Srinivas | Srinivas | ✓ | ✓ ok | Rao | ✓ |
| 37) (29) | 13887A04G4 | P.Sharath | C | | | Absent | NU Rao | ✓ | ✓ |
| 38) (30) | 13881A0422 | R.Bhamprasad | A | RB | RB | ✓ | ✓ | ✓ | ✓ |
| 39) (31) | 13881A04C9 | Ch.Ravi Charder | C | Re | Re | ✓ | ✓ | ✓ | ✓ |
| 40) (32) | 13881A04H4 | B.Reddy Rao | | | | ✓ | ✓ | ✓ | ✓ |

**Faculty Co-Ordinators :**

| S. No | Name of the Faculty | 21/07/16 FN | 21/07/16 AN | 22/07/16 FN | 22/07/16 AN | 23/07/16 FN | 23/07/16 AN |
|---|---|---|---|---|---|---|---|
| 1. | Prof.Y.Pandu Rangaiah | | | | | | |
| 2. | Prof.N.Uma Maheswara Rao | NU Rao 21/7/2016 | NU Rao 21/7/2016 | NU Rao 22/7/2016 | NU Rao 22/7/2016 | NU Rao 23/7/2016 | NU Rao 23/7/2016 |
| 3. | Mr. D.M.K.Chaitanya | *(signature)* | *(signature)* | *(signature)* | *(signature)* | *(signature)* | *(signature)* |
| 4. | Mr. B. Sekhar Babu | Sesar | Sesar | Sesar | Sesar | Sesar | Sesar |
| 5. | Mr.CH. Rama Krishna | | | | | | |
| 6. | Mr.G. Narendra | | | | | | |
| 7. | Mr. K.H. Murali | *(signature)* | *(signature)* | *(signature)* | *(signature)* | *(signature)* | *(signature)* |
| 8. | Mr. K.L. Naga Kishore | kish 21/7/16 | kish 21/7/16 | kish 22/7 | kish 22/7 | kish 23/7/16 | kish 23/7/16 |

9. Sri. N. Satya Narayana → could not attend to W/s because of an Accident.

HOD, ECE

Faculty Co-Ordinators:

| S. No | Name of the Faculty | 11/07/16 FN | 11/07/16 AN | 12/07/16 FN | 12/07/16 AN | 13/07/16 FN | 13/07/16 AN |
|-------|---------------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 1. | Mr. J. Krishna Chaithanya | | | | | | |
| 2. | Mr. S. Janardhan Rao | | | | | | |
| 3. | Mr. M. Gopi Krishna | | | | | | |
| 4. | Mr. B. Raveendranath | | | | | | |
| 5. | Mr. G. Bhaskar Phani Ram | | | | | | |
| 6. | Mrs. V. Jyothi | | | | | | |
| 7. | Ms. Sri Jayathi | | | | | | |

HOD, ECE

# VARDHAMAN COLLEGE OF ENGINEERING

## Workshop on
## MATLAB Applications
### 18 - 22 JULY 2016

## About College

Vardhaman College of Engineering was established in 1999.It is affiliated to Jawaharlal Nehru Technological University (JNTU), Hyderabad, and is approved by the All India Council for Technical Education (AICTE), New Delhi. It has been accredited by the NAAC WITH 'A' grade.
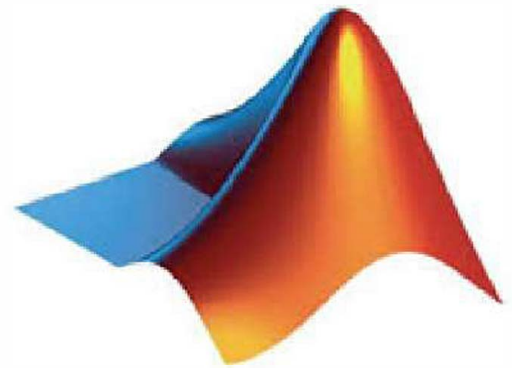
## Objectives:

1. To provide a theoretical & practical introduction to MATLAB.
2. MATLAB functions
3. To Write simple MATLAB programs

## About Workshop

This workshop is intended for the broader academic community who seeks to explore the impact of MATLAB in the industry and Academics. Workshop provides students with a personalized experience that is rich with technical knowledge. This workshop covers basic concepts of MATLAB and its Applications in various areas.

## Resource Persons

**Mr. Pavan Kumar Nanduri**

Technical Manager-EBU Division ARK Infosolution Pvt. Ltd., Secunderabad.

**Mr. D. Praveen Kumar**

Associate Professor, Malla Reddy Engineering College,

## Slide 1

2. Edit the properties of these components.

Double click one of the *Static Text* components. You should see the *property inspector*.

## Slide 2

3. Do the same for the next *Static Text* component, but instead of changing the *String* parameter to +, change it to =, and another it to MyAdderGUI.

4. For *Static Text* component 0, modify the *Tag* parameter to answer_static text



5. You should have something that looks like the following:

My Adder GUI

## Slide 3

### Creating the Visual Aspect of the GUI: Part 2

1. Modify the *Edit Text* components. Double click on the first *Edit Text* component.
Set the *String* parameter to 0
Change the *Tag* parameter to input1_editText



2. The second *Edit Text* component, set the *String* parameter to 0
Set the *Tag* parameter input2_editText

## Slide 4

3. Modify the *pushbutton* component.
Change the *String* parameter to Add!
Change the *Tag* parameter to add_pushbutton.

## Slide 5

4. You should have something like this:

You should have something like this:



My Adder GUI

My Adder GUI

5. Save your GUI under any file name you please. I chose to name mine myAdder.
When you save this file, MATLAB automatically generates two files:
*myAdder.fig* and *myAdder.m*.
The .fig file contains the graphics of your interface.
The .m file contains all the code for the GUI.

## Slide 6

### Writing the Code for the GUI Callbacks

1. Open up the .m file that was automatically generated when you saved your GUI

2. In the MATLAB editor, click on the $f_*$ icon, which will bring up a list of the functions within the .m file. Select *input1_editText_Callback*

## Slide 1

6. Now we need to edit the *add_pushbutton_Callback*

[code illustration — illegible]

Here is the code that we will add to this callback

[code illustration — illegible]

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## Slide 2

7. There are two ways to launch your GUI

The first way: Press the [icon] icon on the GUIDE editor.

My Adder GUI

The second method: Launch the GUI from the MATLAB command prompt.
Type in the name of the GUI at the command prompt.

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## Slide 3

8. The GUI should start running immediately

My Adder GUI

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## Slide 4

### MATLAB GUI Tutorial - Plotting Data to Axes

In this Matlab GUI tutorial, you will learn how to create and use the *Axes* component.
The *Axes* component allows you to display graphics, such as graphs and images on your GUI.
In this tutorial, we will create two axes on the GUI and plot some simple data onto it.
In addition, we will include a reset button to clear the axes and
we will also add the standard toolbar to allow the user to zoom, pan, and query the plot.

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## Slide 5

### Create the Visual Aspect of the GUI

1. Open up MATLAB. Go to the command window and type in guide

2. Choose the first option Blank GUI (Default)

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## Slide 6

3. You should now see the following screen.

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## Creating the Visual Aspect of the GUI: Part 1

1. For the adder GUI we will need the following components.

   ☑ Add two *Axes* components to the GUI figure.
   ☑ Add three *Pushbutton* components onto the GUI figure.

2. Double click the *Axes* component to bring up the Property Inspector.
The *Tag* property is named axes1.
The other *Axes* component's *Tag* property is named axes2
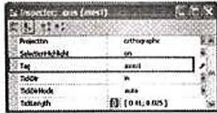


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---

3. Modify the properties of the *Pushbutton* components.
Double click on one of the *Pushbutton* components.
Change the *String* property to Plot Axes 1, and the *Tag* property to plotAxes1_pushbutton



4. Double click on the next pushbutton and change the *String* property to Plot Axes 2 and change the *Tag* property to plotAxes2_pushbutton.

Double click on the final pushbutton and change the *String* property to Clear Axes and change the *Tag* property to clearAxes_pushbutton.

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5. The figure should look like below after you add the components and modify them.
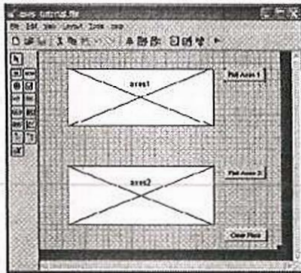


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---

## Writing the Code for the GUI Callbacks

1. Open up the .m file that was automatically generated when you saved your GUI.

2. In the MATLAB editor click on the ☐ icon which will bring up a list of the functions within the .m file.
Select *plot1_pushbutton_Callback*



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---

3. Add the following code to the function:

```
%updates axes1 as the current axes, so that
%Matlab knows where to plot the data.
axes(handles.axes1).

%creates a vector from 0 to 10, [0 1 2 3 . . . 10].
x = 0:10;
%creates a vector from 0 to 10, [0 1 2 3 . . . 10].
y = 0:10;

%plots the x and y data.
plot(x,y);
%adds a title, x-axis description, and y-axis description.
title('Axes 1');
xlabel('X data');
ylabel('Y data');
guidata(hObject, handles); %updates the handles.
```

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---

4. Put the following code into the *plot2_pushbutton_Callback*

```
%selects axes2 as the current axes, so that
%Matlab knows where to plot the data.
axes(handles.axes2).

%creates a vector from 0 to 10, [0 1 2 3 . . . 10].
x = 0:10;
%creates a vector [0 1 4 9 . . . 100]
y = x.^2;

%plots the x and y data.
plot(x,y);
%adds a title, x-axis description, and y-axis description.
title('Axes 2');
xlabel('X data');
ylabel('Y data');
guidata(hObject, handles); %updates the handles
```

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**Slide 1:**

5 Add some code to the *clearPlots_pushbutton_Callback*

These two lines of code clears both axes
cla(handles.axes1,'reset');
cla(handles.axes2,'reset');
guidata(hObject, handles); %updates the handles

5 Add the following line of code to *axes_tutorial_OpeningFcn*

set(hObject,'toolbar','figure');

This line of code effectively adds the standard toolbar to the GUI allowing the user to zoom, pan, query the plot, and more.

Enable plot edit mode    Zoom in/out    Insert color bar    Insert legend

Pan    Rotate 3-D    Data cursor    Hide/display plot tools

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**Slide 2:**

## Run and Test the GUI

1. From the m-file editor, you can click on the icon [ ] to save and run the GUI.
2. Alternatively, from the GUIDE editor, you can click on the [ ] to launch the GUI

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**Slide 3:**

### MATLAB GUI Tutorial - Button Types and Button Group

You will learn how to use the different types of buttons available within Matlab GUIs. These button types are: push button, radio button, check box, and toggle buttons. In addition, you will learn how to use the button panel to control a group of buttons.

Hello World!

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**Slide 4:**

## Create the Visual Aspect of the GUI

1. Open up MATLAB. Go to the command window and type in *guide*

2. Choose the first option Blank GUI (Default)

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**Slide 5:**

3. You should now see the following screen

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**Slide 6:**
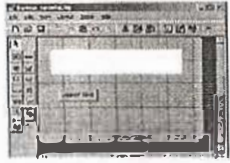
### Part One: The Pushbutton

1.For the adder GUI we will need the following components.
   add one *Static Text* component to the GUI figure.
   Add three *Pushbutton* components onto the GUI figure.

2. Double click the *Static Text* component to bring up the Property Inspector.
   Change the *String* property so that there is nothing inside.
   Change the *Tag* property to display_staticText.
   Double click on the *Pushbutton* component and change the *String* property to Display Text1 and change the *Tag* property to displayText_pushbutton.

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**Slide 1:**

3. The figure should look like below after you add the components and modify them.



## Writing the Code for the GUI Callbacks

1. Open up the .m file that was automatically generated when you saved your GUI.

2. In the MATLAB editor, click on the $f$ icon, which will bring up a list of the functions within the .m file.
Select *display_Text_pushbutton_Callback*.

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**Slide 2:**

3. Add the following code to the function:
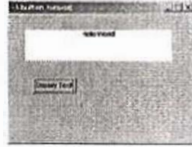
Display "Hello World!" in the static text component when the pushbutton is pressed:
set(handles.display_staticText,'String','Hello World!');

## Run and Test the GUI

1. From the m-file editor, you can click on the icon to save and run the GUI
2. Alternatively, from the GUIDE editor, you can click on the to launch the GUI

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**Slide 3:**

## Part Two: The Check Box
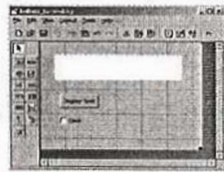
1. For the adder GUI we will need the following components.
add one *Check Box* component to the GUI figure

2. Double click the *Check Box* component to bring up the Property Inspector.
Change the *String* property to Bold.
Change the *Tag* property to bold_checkbox.

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**Slide 4:**

3. The figure should look like below after you add the *Check Box* component and modify it.



3. Add the following code to the bold_checkbox_Callback function:

```
checkboxStatus = 0, if the box is unchecked,
checkboxStatus = 1, if the box is checked.
checkboxStatus = get(handles.bold_checkbox,'Value');
if (checkboxStatus)
    %if box is checked, text is set to bold
    set(handles.display_staticText,'FontWeight','Bold');
else
    %if box is unchecked, text is set to normal.
    set(handles.display_staticText,'FontWeight','normal');
end
```

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**Slide 5:**

## Run and Test the GUI

1. Run the GUI to make sure it works before we move on.
Try checking and unchecking the *Check Box* component to make sure that the text "Hello World!" is being bolded and unbolded

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**Slide 6:**

# Thank you

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# VARDHAMAN COLLEGE OF ENGINEERING

**(Autonomous)**

Shamshabad, Hyderabad - 501 218

**Department of Freshman Engineering**

**Report on**
**National Seminar**
**On**
**"Role of Mathematics and its Applications in Engineering"**

**(July 09 – 10, 2015)**

## Background

Seminars of any types play an important role to enhance the teaching-learning process as well as the professional development of teachers. This seminar purports to contribute to the ongoing debates in the challenges and quality of teaching mathematics and create a new knowledge base that would provide a plausible solution without sacrificing the concerns of all stake holders form different quarters. To brace up a fight against this humpty number of challenges and reach the success is not going to be an ice-cream chewing for many; rather a path of daunting challenges. Attending the seminar would benefit teacher educators, students, researchers, policy-makers and anyone who is interested in teacher education. Our college is proud to venture and initiate this small effort of conducting a seminar on identifying the challenges and alternatives in teacher education with special reference to mathematics.

## Introduction

Vardhaman College of Engineering conducted two days national seminar on the theme "Role of Mathematics and its application" in July 09-07-2015 to 10-07-2015 on the campus surrounded by greenery and beautiful natural location.

Our college take pride to take pride to announce to be able to conduct two days national seminar with great success. All the sessions were thought-provoking and gave insight to teaching faculty as well as research scholars including students of the college.

## Objective

Mathematics plays a key role in the development of various branches of science, engineering as well as in the understanding of physical world problems. We would like to hold a Two-day national seminar on *"Role of Mathematics and its Applications in Engineering"*, July 09 – 10, 2015, with a view to giving researchers/teachers an opportunity to have interactions among themselves. There will be invited lectures and interactive sessions. The following objectives of the seminar were:

- ❖ To find out the strategies to promote the quality in teaching and researching in the field of mathematics.

- ❖ To stress the importance of technology integrated teaching-learning process in the present scenario.
- ❖ To identify the challenges experienced in today's operational research
- ❖ To adapt and adopt teaching methodology by the teachers in their changing role of teacher

## Themes and sub-themes of the Seminar

The topics include (but not limited to) the following:

- ➢ Partial Differential equations
- ➢ Number Theory
- ➢ Fluid Mechanics
- ➢ Numerical Methods
- ➢ Operational Research
- ➢ Mathematical Modeling

Young researchers were given opportunity to demonstrate their own works and have suggestions from experts.

## Participants

Any teacher/ Researcher/ student of mathematics may participate in the seminar.

## Invited Speakers

### Dr. C. R. Rao, Professor of CSE, Central University, Hyderabad

C. R. Rao was the eighth of the ten children born to a Telugu family in Hadagali, Bellary, and Karnataka, India. He received an MSc in mathematics from Andhra University and an MA in statistics from Calcutta University in 1943. He obtained a PhD degree at King's College in Cambridge University under R. A. Fisher in 1948, to which he added a Sc.D. degree, also from Cambridge, in 1965. Rao worked at the Indian Statistical Institute and the Anthropological Museum in Cambridge.

He held several important positions, as the Director of the Indian Statistical Institute, Jawaharlal Nehru Professor and National Professor in India, University Professor at the University of Pittsburgh and Eberly Professor and Chair of Statistics and Director of the Centre for Multivariate Analysis at Pennsylvania State University. As Head and later Director of the Research and Training School at the Indian Statistical Institute for a period of over 40 years, Rao developed research and training programs and produced several leaders in the field of Mathematics. On the basis of Rao's recommendation, the ASI (The Asian Statistical Institute) now known as Statistical Institute for Asia and Pacific was established in Tokyo to provide training to statisticians working in government and industrial organisations

**Dr. A. Ramakrishna Prasad, Professor of Mathematics, JNTU, Hyderabad**

Dr. A. Ramakrishna Prasad is presently Head of the Department of Mathematics, Jawaharlal Nehru Technological University College of Engineering, Hyderabad and Chairman Board of Studies (Mathematics) of Jawaharlal Nehru Technological University, Hyderabad. He has a vast teaching experience of over two decades and has been teaching varied subjects such as Engineering Mathematics, Information Systems, Database Management Systems, etc., and continues to explore different domains in Sciences and Engineering. He played a pioneering role in elevating the image of the university during his stint (2004-2008) as the Professor-in-charge of Training and Placement for United Jawaharlal Technological University, Hyderabad. He was instrumental in developing a healthy rapport with the industry and in helping the students in their career search. To cite a few, he was the co-coordinator for the BHEL-JNTU project and business associate for Wipro.

**Dr. J.V. R. Ravindra**

**Professor of ECE, VCE, Hyderabad**

Dr. J.V.R. Ravindra is a professor of ECE and currently teaching in Vardhaman College of Engineering His area of interest

Dr. J.V.R. Ravindra is a professor of ECE and currently teaching in Vardhaman College of Engineering His area of interest is Modeling of Ultra Low power Interconnects, High-Speed and Low power Arithmetic circuits, Low Power DSP Architectures, Hardware Security, Wireless Sensor Networks. He has been teaching for last 17 years. He has been teaching different courses for many years. He had five international Journal Publications. He has an Indian Patent "A Novel Graphics Compatible Adder (GCA) for Digital Displays, Devices and systems.

**Outcomes**

The outcomes of two days national conference were as follows:

- ❖ Distinguish the multiple mathematical problems and solve it and encourage students to take mathematical problems as challenge rather than dropping it down..
- ❖ Identify and understand assumptions of the mathematical formulas.
- ❖ Evaluate and synthesize evidence in order to draw conclusions consistent with the mathematical issues
- ❖ Students learn various strategies to be used in the field of Engineering Mathematics.
- ❖ Researchers were able to identify the methodology and procedure of research and get clarity to their research.

## Conclusion

The two day national seminar on *"Role of Mathematics and its Applications in Engineering"* was highly successful. It was a great opportunity to the students of VCE, research scholars who came from various parts of country and teaching faculty who explored the new ways and ideas to make teaching mathematics interesting in the context of Engineering.

**Head, Freshman Engineering**

Freshman Engineering
VARDHAMAN COLLEGE OF ENGINEERING
Shamshabad, Hyderabad

# Microsoft Technology Associate

## Priyanka Kondakala

has successfully completed the requirements to be recognized as a Microsoft Technology Associate for

## Software Development Fundamentals

Date of achievement: September 28, 2016

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Satya Nadella
Chief Executive Officer

**Microsoft**
Technology Associate

# Microsoft Technology Associate

OFFICIAL SEAL OF MICROSOFT CERTIFICATION

## Sana Mounica

has successfully completed the requirements to be recognized as a Microsoft Technology Associate for

## Software Development Fundamentals

Date of achievement: October 29, 2016

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Satya Nadella
Chief Executive Officer

**Microsoft**
Technology Associate

# Microsoft Technology Associate

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has successfully completed the requirements to be recognized as a Microsoft Technology Associate for

## Software Development Fundamentals

Date of achievement:   October 29, 2016

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Satya Nadella
Chief Executive Officer

**Microsoft**
Technology Associate

| 11 | 15881a0515 | DESHABATHNI SHARATH CHANDRA | pass |
|----|------------|------------------------------|------|
| 12 | 15881a0516 | DEVINENI SRI SAINANDH | pass |
| 13 | 15881a0518 | DONTINENI GANESH SAI | pass |
| 14 | 15881a0521 | GAJJELA SURYA TEJA | pass |
| 15 | 15881a0523 | JAGGARI PRANAVANATH REDDY | pass |
| 16 | 15881a0525 | K SRIHITHA | pass |
| 17 | 15881a0527 | KANDIPATI ARAVIND KUMAR | pass |
| 18 | 15881a0528 | KONDA REVANTH ABHYUDAY | pass |
| 19 | 15881a0530 | KULKARNI SRIPAD SRINIVAS | pass |
| 20 | 15881a0531 | LEGA SUDEEP REDDY | pass |
| 21 | 15881a0532 | MADDIKUNTLA SHASHANK REDDY | pass |
| 22 | 15881a0537 | MEDISHETTI SRAVYA | pass |
| 23 | 15881a0539 | MOHAMMED FARZAAN | pass |
| 24 | 15881a0540 | MOLKALA VINEELA | pass |
| 25 | 15881a0541 | MUPPALA MOUNIKA | pass |
| 26 | 15881a0551 | RAMINENI DEDEEPYA | pass |
| 27 | 15881a0552 | RANA PRATAP SINGH | pass |
| 28 | 15881a0557 | THUMU SRAVYA | pass |
| 29 | 15881a0558 | V NIKITHA | pass |
| 30 | 15881a0564 | ASRIPATHI JOHN AMRUTH RAO | pass |
| 31 | 15881a0569 | CHIKKA RAJESH | pass |
| 32 | 15881a0573 | DESHAMONI SREEKAR | pass |

| 33 | 15881a0585 | KONDAPALLY NEERAJ REDDY | pass |
|----|------------|--------------------------|--------|
| 34 | 15881a0590 | MYLARAPU VASAVI | pass |
| 35 | 15881a0591 | N MANISHA | pass |
| 36 | 15881a0592 | NADAPANA VASUKI | pass |
| 37 | 15881a0593 | NADDI VENKATA KAUSHIK KRISHNA | pass |
| 38 | 15881a0596 | NARI MANIKANTA | pass |
| 39 | 15881A0599 | PATLOLLA ANKITHA REDDY | pass |
| 40 | 15881a05a1 | POKALA SOMA SHEKHAR | pass |
| 41 | 15881A05A2 | POOJA DULAM | Absent |
| 42 | 15881a05a4 | POTTURI SAI KALYAN | pass |
| 43 | 15881A05A6 | R SUSHMA | pass |
| 44 | 15881a05b2 | SURA ROHITH KUMAR | pass |
| 45 | 15881a05b4 | TIRUMANI MANOJ KRISHNA VARMA | pass |
| 46 | 15881a05b5 | TOLUKATTE RAJESHWAR | pass |
| 47 | 15881a05b6 | TORIKONDA VINEETH KUMAR | pass |
| 48 | 15881A05B9 | VASA YAMINI | pass |
| 49 | 15881a05c2 | AJAY UPADHYAY | pass |
| 50 | 15881a05c4 | BACHU PRANATHI | pass |
| 51 | 15881a05f3 | KATANPALLY AKHILA | pass |
| 52 | 15881a05f6 | KONDA SANJUNA | pass |
| 53 | 15881a05f8 | M DEEPIKA | pass |
| 54 | 15881a05g4 | ORUGANTI LALITHASREE | pass |

| 55 | 15881a05h0 | PUSAPATI SAI SRI VANI | pass |
|----|------------|------------------------|------|
| 56 | 15881a05h3 | RAWTANI VISHAL GIRISH LATIKA | pass |
| 57 | 15881a05j1 | A  KARTHIK | pass |
| 58 | 15881a05j6 | BUSARAPU NIKHILENDER GOUD | pass |
| 59 | 15881a05j7 | CHENGALA MAHESH | pass |
| 60 | 15881a05k0 | DILIP VARMA SAGI | pass |
| 61 | 15881a05l4 | KOLIPAKA SAHITHI | pass |
| 62 | 15881a05l5 | KOLLIMERLA SRIKANTH | pass |
| 63 | 15881a05l9 | LAKSHMISETTY VENKATA BALA KASI VISWANATH | pass |
| 64 | 15881a05m0 | M PAVAN | pass |
| 65 | 15881a05n0 | PARAYATHAM SRIHARSHA DAKSHINA MURTHY | pass |
| 66 | 15881a05n2 | PONUGONTI MOUNIKA | pass |
| 67 | 15881a05n3 | POTLURI SAI SANDESH | pass |
| 68 | 15881a05n8 | SRIPATHI ANAND REDDY | pass |
| 69 | 12263072 | S.NAVYA | Pass |
| 70 | 15881a05p0 | TANZEEL AHMED SHAIKH | pass |
| 71 | 15881a05p3 | GOPULARAM SAISHEEL | pass |
| 72 | 15881a05p5 | TOLICHUKKA TARUN RAJ | pass |
| 73 | 15881a05p7 | VUPPU ANUSHA | pass |
| 74 | 15881a05p8 | YADAVALLI SANJAY BABU | pass |
| 75 | 15881a05p9 | YALALA SHASHANK REDDY | pass |
| 76 | 12263073 | VANGARU LAKSHMI NIKHITHA | pass |

| 77 | 12263074 | G SREE GAUTHAMI | pass |
|----|----------|----------------|------|
| 78 | 12263079 | BSV SHREYAS | pass |
| 79 | 15881a05m1 | MUDADI MOUNIKA | Fail |
| 80 | 15881a0520 | GADE VINAY KUMAR | Fail |
| 81 | 15881a0577 | JAYANTI SRI PADMINI | Fail |
| 82 | 15881a0581 | KARNATI SAGAR REDDY | Fail |
| 83 | 15881a05b8 | RAMINENI DEDEEPYA | Fail |
| 84 | 15881a05f7 | KUCHIBHOTLA VENKATA SATYA NAGA SRIVATSA | Fail |
| 85 | 15881a05g2 | NAINI RISHITHA REDDY | Fail |

IT

| IT Students attended to exam as per given List | | | |
|--------|----------|------|--------|
| Sl.No | Roll No | Name | Result |
| 1 | 15881a1206 | BOKKU SAI PRATHYUSHA | Pass |
| 2 | 15881a1212 | D SRINIVAS REDDY | Pass |
| 3 | 15881a1214 | DHANPAL SANITH | Pass |
| 4 | 15881a1219 | GUNIGANTI SNEHITHA | Pass |
| 5 | 15881A1226 | KALYANA SUNDARAM VIGNESH | Pass |
| 6 | 15881a1227 | KANALA NIHARIKA | Pass |
| 7 | 15881a1231 | MALAPATI NARASIMHA SAI CHARAN | Pass |
| 8 | 15881a1232 | MANKALA RAVALIKA | Pass |

| 9 | 15881a1236 | NAMRUTHREDDY MANGIREDDY | Pass |
|---|---|---|---|
| 10 | 15881a1238 | P PRANAY REDDY | Pass |
| 11 | 15881A1239 | P ROHITH | Pass |
| 12 | 15881A1240 | PADMA SHARATH CHANDRA | Pass |
| 13 | 15881a1241 | PILLI ABHISHEK | Pass |
| 14 | 15881a1245 | S NARESH KUMAR | Pass |
| 15 | 15881a1246 | S S V PAVANIPHANEENDER RANKIREDDY | Pass |
| 16 | 15881a1249 | SARANGA VISHNU KUMAR | Pass |
| 17 | 15881A1251 | SUDAMA ROHAN KUMAR | Pass |
| 18 | 15881a1254 | TALLURI AKHIL | Pass |
| 19 | 15881a1256 | V RAJESH | Pass |
| 20 | 15881a1257 | VALLAMDAS SREEHITHA | Pass |
| 21 | 15881a1258 | VELAMALA SOWMYA | Pass |
| 22 | 15881a1259 | VUJJINI MANISHA | Pass |
| 23 | 15881a1265 | B UDAY KUMAR | Pass |
| 24 | 15881a1267 | BYREDDY PAVITHRA | Pass |
| 25 | 15881a1268 | CH ESHITHA REDDY | Pass |
| 26 | 15881a1276 | GADDAM ABIGAIL GLORY | Pass |
| 27 | 15881a1285 | JUTTIGA POOJITHA | Pass |
| 28 | 15881a1290 | M KAVYA SRI | Pass |
| 29 | 15881a1291 | M NAVYA | Pass |
| 30 | 15881a1295 | MALLIDI VENKATA KRISHNA KALYAN REDDY | Pass |

| 31 | 15881a12a0 | NELLORE EMMANUEL | Pass |
|----|------------|------------------|------|
| 32 | 15881a12a5 | PALLERLA SHABARESH | Pass |
| 33 | 15881a12b1 | SHANIGARAM MANISHA | Pass |
| 34 | 15881a12b3 | TADAKA NIKITHA | Pass |
| 35 | 15881a12b4 | THUMMA SANJAY | Pass |
| 36 | 15881a12b5 | TIPPANI POOJA | Pass |
| 37 | 15881a12b7 | VADAGAM SRUTHI | Pass |
| 38 | 15881a12b8 | YENNAM ROSHINI REDDY | Pass |
| 39 | 15881a1228 | KATTAMURI MEGHNA | Fail |

## ECE

| ECE Students attended for Exam as per List | | | |
|---|---|---|---|
| Sl.No | Roll No | Name | Result |
| 1 | 15881a0433 | MAMILLAPALLI NAGA SNEHA | Pass |
| 2 | 15881a0447 | RUDRARAJU MEGHANA | Pass |
| 3 | 15881a0457 | VALAPREDDY MEGHANA REDDY | Pass |
| 4 | 15881a0471 | CH SACHIN | Pass |
| 5 | 15881a0478 | J P SRIMANTH | Pass |
| 6 | 15881a0485 | KISHAN PATEL | Pass |
| 7 | 15881a0488 | KOTA VIGNESH | Pass |
| 8 | 15881a0490 | KUKKALA LAKSHMI MOUNIKA | Pass |

| 9 | 15881a0495 | MYNAMPATI RAMA | Pass |
|---|---|---|---|
| 10 | 15881a0496 | NIDADAVOLU HYNDAVI | Pass |
| 11 | 15881a0497 | NITHISH PATEL | Pass |
| 12 | 15881a04a3 | PATLOLLA AKSHITH REDDY | Pass |
| 13 | 15881A04A6 | PEDDAPURAM SAI ABHISHEK | Pass |
| 14 | 15881A04B5 | SATARLA ANAND PHILIP MANOHA | Pass |
| 15 | 15881a04b6 | SATTI PRATHYUSHA | Pass |
| 16 | 15881a04c6 | BATHINI SAI PRASAD | Pass |
| 17 | 15881a04d2 | DESHOJU SAI VENKAT KARTHIK | Pass |
| 18 | 15881a04d3 | G VINEETH GOUD | Pass |
| 19 | 15881a04d4 | GADDIPATI HARSHA | Pass |
| 20 | 15881a04d5 | GAMPA SHIVA SAI | Pass |
| 21 | 15881a04d6 | GOURRAJU SANJANA | Pass |
| 22 | 15881a04e2 | JUMBIDI ABHINAV | Pass |
| 23 | 15881a04e7 | KOLLOJU KASHI VISHWANATH | Pass |
| 24 | 15881a04e8 | KORE RAVI CHANDRA | Pass |
| 25 | 15881a04e9 | KURAPATI SNIGDHA | Pass |
| 26 | 15881a04f0 | M AKHILA | Pass |
| 27 | 15881a04f1 | MADDELA VYSHNVAI | Pass |
| 28 | 15881a04f2 | MADUGULA AKSHAY KUMAR | Pass |
| 29 | 15881a04f4 | MINUKURI MANASA REDDY | Pass |
| 30 | 15881a04g0 | P HEMANTH KUMAR | Pass |

| 31 | 15881a04g2 | P UDAYASRI | Pass |
|---|---|---|---|
| 32 | 15881a04g4 | PAMARTY NITESHA | Pass |
| 33 | 15881a04g5 | PEETANI Y N V S PAVAN KUMAR | Pass |
| 34 | 15881a04g7 | PINJARI KARISHMA | Pass |
| 35 | 15881a04h2 | SARVADEVABHATLA VAMSI JAGANNADH | Pass |
| 36 | 15881a04h4 | SURISETTY VIJAY SIMHA | Absent |
| 37 | 15881a04h5 | TELUKUNTLA SHIVASAI | Pass |
| 38 | 15881a04h6 | UPADRASTA SAI SREEKAR | Pass |
| 39 | 15881a04j0 | VEMULA MANIKANTA | Pass |
| 40 | 15881a04j4 | ARFIYA ANJUM | Pass |
| 41 | 15881a04k1 | CHIRAG SAI PREETHI | Pass |
| 42 | 15881a04k7 | ETTIREDDY SOWJANYA | Pass |
| 43 | 15881a04k8 | G PINAL PATEL | Pass |
| 44 | 15881a04l0 | H TEJASWINI | Pass |
| 45 | 15881a04l6 | KISARA SRUJAN KUMAR | Pass |
| 46 | 15881a04m3 | MAHA REDDY SAI PRIYA | Pass |
| 47 | 15881a04m4 | MAROJU VIDHEESHA KRISHNA | Pass |
| 48 | 15881a04m5 | MASULDAR SHABANA | Pass |
| 49 | 15881a04n2 | PATTHI HARINATH | Pass |
| 50 | 15881a04p4 | SHRINIDHI GOGIKAR | Pass |
| 51 | | KOTHARI KAVYA | Pass |
| 52 | 15881a04g6 | PERUVALA TANISH SAI REDDY | Fail |

# EEE

| Sl.NO | Roll No | Name | Result |
|---|---|---|---|
| | EEE Students Attended for Exam as per given List | | |
| 1 | 15881a0208 | BANDAMEEDI SUSHANTH | Absent |
| 2 | 15881a0220 | G RAKSHITHA | Pass |
| 3 | 15881a0226 | HANUMANDLAKADIBESTA SATWIK | Pass |
| 4 | 15881a0238 | MANJUKSHA KRUTHI | Pass |
| 5 | 15881a0242 | PAGIDI RAKSHITH REDDY | Absent |
| 6 | 15881a0246 | S MOUNIKA | Pass |
| 7 | 15881a0253 | SUTHARI LAKSHMI PRASANNA | Pass |
| 8 | 15881a0256 | TURUPU DEEPIKA | Pass |
| 9 | 15881a0260 | YERRAPOTHU UJWAL KRISHNA | Pass |
| 10 | 15881a0261 | ABHISHEK MANDAL | Pass |
| 11 | 15881a0264 | ANJAN BANERJEE | Pass |
| 12 | 15881a0277 | DUBEY SANDEEP | Pass |
| 13 | 15881a0283 | GARNEPUDI TEENA | Pass |
| 14 | 15881a0285 | K JAYA SAI | Pass |
| 15 | 15881a0207 | ARUKOLLA SAI PRASHANTH | Pass |
| 16 | 15881a0289 | KATUKAM VAMSHI KRISHNA | Fail |
| 17 | 15881a02a7 | PHANIBHATLA NIVEDITHA DHEERAJA | Fail |

## 5. Entrepreneurship Development Institute of India, Announces Faculty Development Programme in Entrepreneurship

### Program Schedule for FDP at Hyderabad:

| Day | Session 1 10.30 AM to 11.30 AM | Session 2 11.45 AM to 1.00 PM | Session 3 2.00 PM to 3.15 PM | Session 4 3.30 PM to 4.30 PM |
|---|---|---|---|---|
| 1 | Inauguration, Introduction to Program Contents & Participant's Expectations – EDI Faculty | Micro Lab – EDI Faculty | Charms of Being Entrepreneur & Entrepreneur Competencies – EDI Faculty | Self Rating Questionnaire – EDI Faculty |
| 2 | Steps in Starting an Enterprise – EDI Faculty | Selection Tools to select right candidates for the program – GETT – EDI Faculty | Insights about carrying out Entrepreneurship Development activities at ED Cell and Collaboration with EDI- SEED Program – EDI Faculty | Interaction with National Small Industries Corporation – EDI Faculty |
| 3 | Business Simulation Game and how to guide the students in various aspects of Entrepreneurship through simulation Games – EDI Faculty | | | |
| 4 | Business Simulation Game - Ring Toss Exercise – EDI Faculty | | Business Simulation Game – Tower Building Game – EDI Faculty | |
| 5 | Business Opportunity Identification –EDI Faculty | | | |
| 6 | Idea Lab – How to Generate Innovative Ideas – M/s Innomantra, Bengaluru | | Inputs on Opportunity Identification in IOT and IT Sector – M/s Innomantra,Bengaluru | |
| 7 | Interaction with IIM-B about Business Incubation | | Interaction with Director, CIPET on Opportunities in Plastic Engineering and Incubation support available at CIPET to start a New Enterprise in Plastic Engineering | |
| 8 | Interaction with RTBI – IIT, Chennai | | Opportunities in Biotechnology Sector-Head, Biotechnology Facilitation Centre, KBITS, Bangalore | |
| 9 | How to motivate the students in pre-training, training and post training phase. Designing an Entrepreneurship training program Discussion on promotion of training programs – AMT Trainer, Mysore | | | |
| 10 | Business Plan Preparation – EDI Faculty | | Interaction with Angel Investor – Indian Angel Network, Bengaluru | |
| 11 | Inputs on Digital Marketing and significance of Digital Marketing in Entrepreneurship -M/s Fulcrum, Bengaluru | | Inputs on Export Marketing – VTPC, Bengaluru | |
| 12 | Inputs about IPR and Patenting | | Feedback and Valedictory | |

# Entrepreneurship Development Institute of India
## Announces
# FACULTY DEVELOPMENT PROGRAMME IN ENTREPRENEURSHIP

at Hyderabad
November 08th - 22nd , 2016

**NSTEDB**
Supported by:
NSTEDB
Government of India

**Entrepreneurship Development Institute of India
Ahmedabad, Gujarat**
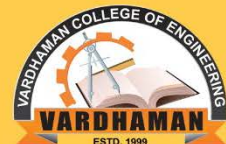
**Knowledge Partner:
Vardhaman College of Engineering**

Welcome to *Entrepreneurship Development Cell*

## FACULTY DEVELOPMENT PROGRAMME IN ENTREPRENEURSHIP

### RATIONALE

Entrepreneurship Development Institute of India (EDI), backed by over 33 years of experience in the field of Entrepreneurship, designed a module to develop a cadre of trained teachers involved in teaching entrepreneurship at the school and college levels and has been implementing Faculty Development Programmes successfully across the country and abroad. The Institute has been receiving enthusiastic response for this programme from the academic community.

### OBJECTIVE

The programme is designed to train and develop professionals in the area of Entrepreneurship Development so that they can act as "Resource Persons" in guiding and motivating young students, particularly from science & technology stream, to take up Entrepreneurship as their career.

### CONTENT

The content of the programme is broadly classified as follows.

- Entrepreneurship Development Process & Model : Concept, Process, EDP Model and Strategies
- Skills and Behavioral Training : Entrepreneurial Motivation and Competencies, Counseling, Confidence Building.
- Resource Building : Procedures and formalities in setting up new enterprises, incentives and benefits for entrepreneurs
- Knowledge-based Information Inputs :Curriculum Development, Procedures Involved in initiating, Planning, implementing and Evaluating EDP Curriculum
- Business Opportunity identification
- Business Profile Preparation, Business Plan Formulation, Assessing the Viability of a Business Plan
- Small Business Management

### PEDAGOGICAL TOOLS AND METHODOLOGY

INPUTS WILL BE IMPARTED THROUGH:

- Lecture-cum-discussion, case studies, role-plays and simulation exercises
- Interaction with experts in entrepreneurship development, curriculum development and opportunity guidance and with successful entrepreneurs for practical insights
- Study visits in institutions and small enterprises
- Group work and practice sessions

### Fees

The programme fee is ₹ 5000/-
(plus 15% service lax)

### HOW T0 APPLY

Nomination form attached can also be downloaded from EDI website: www.ediindia.org

### Sent To

Mr. YASHASWI NAG
Programme Director
E-mail: yashaswi@ediindia.org /
edibangalore@ediindia.org
Mobile: 09901526736
Landline No: 080-23119361 / 080-23119360
Address:
Entrepreneurship Development Institute of India
Southern Regional Office
#102, 70th Cross, 17th 'A' Main Road, 5th Block,
Rajajinagar, Bengaluru - 560 010.

Prof Rajanikanth
Associate Professor

Department of Computer Science and Engineering
Vardhaman College of Engineering
Shamshabad,Kacharam,
Hyderabad,Telangana- 501218

E-mail: rajanikanth.aluvalu@vardhaman.org
Mobile: 07995724790

The filled in Nomination form must reach EDI Bengaluru BEFORE 1st November2016

## ENTREPRENEURSHIP DEVELOPMENT INSTITUTE OF INDIA

Near Village Bhat, Via Ahmedabad Airport & Indira Bridge, P.O. Bhat - 382 428, Dist. : Gandhinagar, Gujarat, India.
Tel. : +91-79-23969153, 23969158, 23969159, 23969161
E-mail : info@ediindia.org

Telefax : +91-79-23969164
Website : www.ediindia.org

EDI/Accts/2016
04th October, 2016

**Vardhaman College of Engineering**
Shamshabad, Kacharam,
Hyderabad,
**Telangana 501218**

## PROFORMA INVOICE

| Sr. No. | Particular | Amount (Rs.) |
|---|---|---|
| 1. | Being an amount charged towards advance of organizing 12 day Faculty Development Programme (FDP) at Vardhaman College of Engineering Campus, Hyderabad from 08/11/2016 to 22/11/2016 (12 days) for 40 participants.<br><br>• 60% Advance amount of sanctioned amount Rs 3,00,000/- (inclusive all taxes) | 1,80,000/- |
| | **Total** | **1,80,000/-** |

| | |
|---|---|
| Invoice Value: Rupees One Lakh Eight Thousand Only | |

| **PAN NO** : AAATI0740B | **Service Tax No** : AAATI0740BSD001 |
|---|---|
| Bank Details : IDBI BANK LTD<br>Super Mall–Info city,<br>Near GH "0" Circle<br>Gandhinagar-382 009,<br>(Gujarat), INDIA | SB Account No : 0132011021000<br>Customer ID : 110210<br>9 digit branch MICR Code : 380259009<br>Bank IFSC (for NEFT) : IBKL0000260<br>Branch Code : 260<br>Swift Code : IBKLINBB009 |

For, Entrepreneurship Development Institute of India

Head
Finance Division

21-6-2016

From

The Head
Department of Freshman Engineering
Vardhaman College of Engineering

To

The Principal
Vardhaman College of Engineering
Shamshabad

Sir,

Sub: Approval for conducting one week Faculty Development Program – reg.

The Department of Freshman Engineering is planning to conduct One Week Faculty Development Program on "Innovative Pedagogy and Research: *Driven by Ethical Milieu*" from 30th June to 5th July 2016. The program aims to motivate faculty members to adopt innovative pedagogic skills and beacon them towards pragmatic methods in research.

I hope you will consider our proposal and grant permission to conduct the FDP.

Thank you

Yours sincerely,

Prof. S. Rajendar
Head
Department of Freshman Engineering

y Approvedy
Rajndw

# VARDHAMAN COLLEGE OF ENGINEERING
(AUTONOMOUS)

Shamshabad – 501 218, Hyderabad

## DEPARTMENT OF FRESHMAN ENGINEERING

### One Week Faculty Development Program on "Innovative Pedagogy and Research – *Driven by Ethical Milieu*"

### 27 June – 02 July 2016

### LIST OF PARTICIPANTS - ATTENDANCE SHEET

| S. No. | Name of The Faculty | Designation | Depart-ment | 27-06-2016 | | 28-06-2016 | | 29-06-2016 | | 30-06-2016 | | 01-07-2016 | | 02-07-2016 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FN | AN | FN | AN | FN | AN | FN | AN | FN | AN | FN | AN |
| 1 | Prof.S Rajendar | Head of Department | H & S | R9m | | | | R9m | R9m | R9m | R9m | R9m | R9m | | |
| 2 | Dr P Sarah | Professor | H & S | | | | | | | | | | | | |
| 3 | Dr G Chinna Rao | Professor | H & S | | | | | | | | | | | | |
| 4 | Dr K Venkateswarlu | Professor | H & S | | | L | L | | | | | | | | |
| 5 | Dr D Srinivas Reddy | Professor | H & S | | | | | | | | | | | | |
| 6 | Dr P Anji Reddy | Professor | H & S | | | | | | | | | | | | |
| 7 | Dr R Srinivas | Professor | H & S | | | | | | | | | | | | |
| 8 | Ms V Kavitha | Professor | H & S | | | | | | | | | | | | |
| 9 | Mr C Praveen Kumar | Professor | H & S | | | L•M | | | | | | | | | |
| 10 | Dr B Chandra Sekhar Rao | Associate Professor | H & S | | | | | | | | | | | | |

# VARDHAMAN COLLEGE OF ENGINEERING

**(AUTONOMOUS)**

Shamshabad – 501 218, Hyderabad

## DEPARTMENT OF FRESHMAN ENGINEERING

One Week Faculty Development Program on "Innovative Pedagogy and Research – *Driven by Ethical Milieu*"

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 11 | Mr K Madhusudhan Reddy | Associate Professor | H & S | | | | | | | | | | | | |
| 12 | Mr K Santosh Reddy | Associate Professor | H & S | | | | | | | | | | | | |
| 13 | Mr V Lakshmi Narayana | Associate Professor | H & S | | | | | | | | | | | | |
| 14 | Ms Hemlatha Sharma | Associate Professor | H & S | | | | | | | | | | | | |
| 15 | Ms P Rajisha Menon | Assistant Professor (Sr) | H & S | | | | | | | | | | | | |
| 16 | Dr S Shashi Devi | Professor | H & S | | | | | | | | | | | | |
| 17 | Mr S P Kishore | Assistant Professor | H & S | | | | | | | | | | | | |
| 18 | Ms K Jyothsna | Assistant Professor | H & S | | | | | | | | | | | | |
| 19 | Ms K Mamatha | Assistant Professor | H & S | | | | | | | | | | | | |
| 20 | Mr B Chandra Sekhar | Assistant Professor | H & S | | | | | | | | | | | | |

# VARDHAMAN COLLEGE OF ENGINEERING
**(AUTONOMOUS)**
Shamshabad – 501 218, Hyderabad

## DEPARTMENT OF FRESHMAN ENGINEERING
One Week Faculty Development Program on "Innovative Pedagogy and Research – *Driven by Ethical Milieu*"
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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FN | AN | FN | AN | FN | AN | FN | AN | FN | AN | FN | AN |
| 21 | Ms V Priyanka | Assistant Professor | H & S | | | | | | | | | | | | |
| 22 | Mr B Rahul Omprakash | Assistant Professor | H & S | | | | | | | | | | | | |
| 23 | Mr G Ravi Kumar | Assistant Professor | H & S | | | | | | | | | | | | |
| 24 | Mr P Pramod | Assistant Professor | H & S | | | | | | | | | | | | |
| 25 | Mr P Narasimha Raju | Assistant Professor | H & S | | | | | | | | | | | | |
| 26 | Mr S Jana Reddy | Assistant Professor | H & S | | | | | | | | | | | | |
| 27 | Mr M Siddhartha | Assistant Professor | H & S | | | | | | | | | | | | |
| 28 | Ms P Prasanna | Assistant Professor | H & S | | | | | | | | | | | | |
| 29 | Mr V Ramakrishna | Assistant Professor | H & S | | | | | | | | | | | | |
| 30 | Ms.M. Madhavi | Assistant Professor | ECE | | | | | | | | | | | | |

3 | Page

# VARDHAMAN COLLEGE OF ENGINEERING

**(AUTONOMOUS)**

Shamshabad – 501 218, Hyderabad

## DEPARTMENT OF FRESHMAN ENGINEERING

One Week Faculty Development Program on "Innovative Pedagogy and Research – *Driven by Ethical Milieu*"

27 June – 02 July 2016

**LIST OF PARTICIPANTS - ATTENDANCE SHEET**

| S. No. | Name of The Faculty | Designation | Depart-ment | 27-06-2016 FN | 27-06-2016 AN | 28-06-2016 FN | 28-06-2016 AN | 29-06-2016 FN | 29-06-2016 AN | 30-06-2016 FN | 30-06-2016 AN | 01-07-2016 FN | 01-07-2016 AN | 02-07-2016 FN | 02-07-2016 AN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 31 | Mr G Kalyan Chakravarthy | Assistant Professor | ECE | *(signed)* | | | | | | | | | | | |
| 32 | Mr Swarna Kishore | Assistant Professor | ECE | | | | | | | | | | | | |
| 33 | Mr K Durga Prasad | Assistant Professor | ECE | *(signed)* | *(signed)* | *(signed)* | *(signed)* | *(signed)* | *(signed)* | *(signed)* | *(signed)* | *(signed)* | *(signed)* | | |
| 34 | Ms. Vardhani | Assistant Professor | EEE | *(signed)* | *(signed)* | *(signed)* | *(signed)* | *(signed)* | *(signed)* | *(signed)* | *(signed)* | *(signed)* | | | |
| 35 | Ms.K.Sravanthi | Assistant Professor | EEE | *(signed)* | | | | | | | | | | | |
| 36 | Mr.D Ganesh | Assistant Professor | CSE | *(signed)* | *(signed)* | *(signed)* | *(signed)* | *(signed)* | *(signed)* | *(signed)* | *(signed)* | *(signed)* | | | |
| 37 | Ms Angel Mary | Assistant Professor | CSE | *(signed)* | *(signed)* | *(signed)* | *(signed)* | *(signed)* | *(signed)* | *(signed)* | | | | | |
| 38 | Mr.M.A Ranjith Kumar | Assistant Professor (sr) | CSE | | | | | *(signed)* | *(signed)* | *(signed)* | *(signed)* | *(signed)* | *(signed)* | | |
| 39 | Ms Anusha | Assistant Professor | CSE | *(signed)* | *(signed)* | | | | | | | | | | |
| 40 | Mr.A.V Srinivas | Associate Professor | IT | *(signed)* | *(signed)* | *(signed)* | *(signed)* | *(signed)* | *(signed)* | *(signed)* | *(signed)* | *(signed)* | *(signed)* | | |

# VARDHAMAN COLLEGE OF ENGINEERING

(AUTONOMOUS)

Shamshabad – 501 218, Hyderabad

## DEPARTMENT OF FRESHMAN ENGINEERING

### One Week Faculty Development Program on "Innovative Pedagogy and Research – *Driven by Ethical Milieu*"

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | FN | AN | FN | AN | FN | AN | FN | AN | FN | AN | FN | AN |
| 41 | Ms Spandana | Assistant Professor | IT | | | | | | | | | | | | |
| 42 | Mr Ravi Teja | Assistant Professor | ME | | | | | | | | | | | | |
| 43 | Ms Poornima | Assistant Professor | ME | | | ✓ | | | | | | | | | |
| 44 | Prof.Y.Raghava Rani | Professor | CE | | | | | | | | | | | | |
| 45 | Mr Imran | Assistant Professor | CE | *(sign)* | | | | | *(sign)* | *(sign)* | | *(sign)* | | | |
| 46 | Ms T Bhavani Chowdary | Assistant Professor | CE | | | | | | | | | | | | |
| 47 | G.Dilip Kumar | Asst.professor | IT | *(sign)* | *(sign)* | *(sign)* | *(sign)* | *(sign)* | *(sign)* | *(sign)* | *(sign)* | | | | |
| 48 | Shivgi Sagar | Asst-Prof | ME | | | *(sign)* | | *(sign)* | | | | | | | |

Head, Freshman Engineering

**Introduction of innovative Pedagogy and Research by Ms. V. Kavitha**

Talk on innovative Pedagogy and Research by Guest Speeker

Talk on innovative Pedagogy and Research by Guest Speeker

A talk on Innovative Pedagogy for Powerful Learning - IPL 2017 by Dr. H. S. Jain

Talk on innovative Pedagogy and Research by Guest Speeker

Talk on Innovative Pedagogy for Powerful Learning - IPL 2017 by Dr. P. Sarah, Professor of Physics

Talk on
Innovative Pedagogy and Research by Guest Speeker

## Objective of the FDP

LabVIEW software is ideal for any measurement or control system, and the heart of the NI design platform. Integrating all the tools that engineers and scientists need to build a wide range of applications in dramatically less time, LabVIEW is a development environment for problem solving, accelerated productivity, and continual innovation.

LabVIEW is a graphical programming platform that helps engineers scale from design to test and from small to large systems. It offers unprecedented integration with existing legacy software, IP, and hardware while capitalizing on the latest computing technologies.

LabVIEW provides tools to solve today's problems—and the capacity for future innovation—faster and more effectively.

The faculty development program on National Instruments LabVIEW - Real Time Applications in Engineering will fulfill the following objectives:

❖ Learn how to develop basic applications in the LabVIEW graphical programming environment.
❖ Design, implement, and distribute stand-alone applications using LabVIEW.
❖ Learn the skills needed to create scalable, readable, and maintainable applications.

Keeping in mind, the importance of research in frontier areas like Virtual Instrumentation, ECE Dept., Vardhaman College of Engineering in association with National Instruments & VI Solutions is organizing a FDP on National Instruments LabVIEW - Real Time Applications in Engineering, NIL – 2014.

## Registration Details

❖ No Registration Fee for the Participants.
❖ Limited number of Participants (35 - 40) will be accommodated on first-cum-first served basis.
❖ Lunch, Tea and Snacks will be provided.

## Important Dates

| | | |
|---|---|---|
| Last date for Registration | : | 15/05/2016 |
| Date of Acceptance Intimation | : | 19/05/2016 |

### For further details contact

**Mr. S. Rajendar**
Associate Professor
Department of ECE
Vardhaman College of Engineering
Ph. +91 9885570842
e-mail: s.rajendar@vardhaman.org
Participants may avail free transport facility on our college buses.

# Workshop
## On
# NI LabVIEW CLAD Refreshment Course
## 21-24 May 2016

**For Faculty, Students (PG & Research Scholars) and Industry Participants**

**Supported By**

## National Instruments
## &
## VI Solutions

### Chair Person
**Prof. Y. Pandu Rangaiah**
Professor, ECE

### Coordinator
**Mr. S. Rajendar**
Associate Professor, ECE

## Organized by
**Department of Electronics and Communication Engineering**
# VARDHAMAN COLLEGE OF ENGINEERING
### (AUTONOMOUS)
Approved by AICTE, New Delhi and Affiliated to JNTU, Hyderabad
Accredited by National board of Accreditation(NBA), New Delhi
Accredited by NAAC with 'A' Grade
Shamshabad – 501218, Hyderabad (A.P.)
Ph: 08413 – 253335, 253201; Fax: 08413 - 253482
Website: www.vardhaman.org

# VARDHAMAN COLLEGE OF ENGINEERING

### (AUTONOMOUS)
**Shamshabad – 501218, Hyderabad (A.P.)**

## Workshop
## On
## NI LabVIEW CLAD Refreshment Course
### 21-24 May 2016

**Supported By**

**National Instruments**

**&**

**VI Solutions**

## REGISTRATION FORM

Name:.......................................................................................................

Designation: ............................................................................................

Department: ............................................................................................

Organization: ..........................................................................................

Address for Correspondence:................................................................

.................................................................................................................

Ph:.................................................E-mail ID:.........................................

**Signature of the Participant**

---

# VARDHAMAN COLLEGE OF ENGINEERING

## (AUTONOMOUS)

Shamshabad– 501 218, Hyderabad

Date: 19-05-2016

## **CIRCULAR**

All the Staff and ECE students of IInd year and IIIrd year are hereby informed to attend Four day workshop on **NI LabVIEW CLAD Refreshment Course** organized by the department of Electronics and Communication Engineering in association with M/s VI Solutions, Bangalore. The details are as follows:

| | | |
|---|---|---|
| Workshop Period | : | 21st May (Saturday) to 24thMay 2016(Tuesday) |
| Venue | : | NI Lab (Room No. 3003) |
| Time | : | 10.00 AM to 1.00 PM |
| | | 2.00 PM to 4.30 PM |

For further details, please contact Mrs. M. Srilatha, Associate Professor, ECE Department.

HOD, ECE

Copy To:

1. Principal
2. All HODs
3. Department File

# VARDHAMAN COLLEGE OF ENGINEERING

(Autonomous)

Shamshabad, Hyderabad – 501 218

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

### List of the staff registered for NI LabVIEW CLAD Refreshment Course

| S. No | Name of the Faculty | Designation | Contact Number | Email ID | 21/5/2016 FN | 21/5/2016 AN | 22/5/2016 FN | 22/5/2016 AN | 23/5/2016 FN | 23/5/2016 AN | 24/5/2016 FN | 24/5/2016 AN |
|-------|---------------------|-------------|----------------|----------|----|----|----|----|----|----|----|----|
| 1 | S. Srinivas | Associate Professor | 9949387604 | sandiri.srinivas@gmail.com | ✓ | ✓ | A | A | ✓ | ✓ | ✓ | ✓ |
| 2 | N. Nagaraju | Assistant Professor | 9705440138 | n.nagaraju@vardhaman.org | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 3 | N. Praveen | Assistant Professor | 8121391539 | praveen0455@gmail.com | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| 4 | G. Kalyan Chakravarthy | Assistant Professor | 8008006618 | kalyan52@outlook.com | A | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |

# Effective Teaching Methodologies and CNC machining(ETM-CNC 2015)
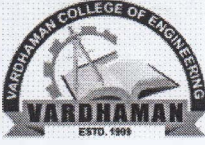
# VARDHAMAN COLLEGE OF ENGINEERING

## (Autonomous)
## Department of Mechanical Engineering

Name of the Program: Effective teaching methodologies and CNC Machining (ETM-CNC 2015)

Venue: CAD Lab

Date: 18|05|2016.

| S. No. | Name of the Participant | Signature |
|--------|------------------------|-----------|
| 1. | M. Viswanath | |
| 2 | S. Malleswara Rao | |
| 3 | M.M. Yugandhar | |
| 4 | MD. Sarvan | |
| 5 | K. Naresh Kumar | |
| 6 | N. Sreenivasulu | |
| 7 | M. Krichnah | |
| 8. | C H. Chadra mohan | |
| 9. | K. Kalyan Rao | |
| 10. | S-Naresh. Kumar | |
| 11. | D. V. Ramana Reddy | |
| 12. | k. Sairam | |
| 13 | V. Sreedhar | |
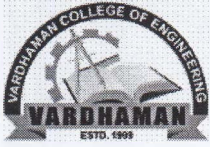
# VARDHAMAN COLLEGE OF ENGINEERING

## (Autonomous)
## Department of Mechanical Engineering

Name of the Program: Effective teaching methodologies and CNC Machining (ETM-CNC 2015)

Venue: CAD Lab

Date: 19/05/16

| S. No. | Name of the Participant | Signature |
|--------|------------------------|-----------|
| 1. | S. Malleswara Rao | |
| 2. | M. Viswanath | |
| 3. | MD. Sarvar | |
| 4. | K. Naresh Kumar | |
| 5. | N. Sreenivasulu | |
| 6. | M. Krishnaiah | |
| 7. | CH. Chanardra mohan sing | |
| 8). | K. Kalyan Rao | |
| 9) | S. Naresh. Kumar | |
| 10. | D.V. Ramana Reddy | |
| 11. | Sairam. Kotari | k-Pai- |
| 12 | V. Sreedhar | |
| | | |
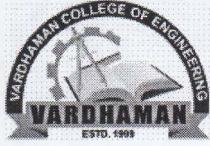
# VARDHAMAN COLLEGE OF ENGINEERING

## (Autonomous)
## Department of Mechanical Engineering

Name of the Program: Effective teaching methodologies and CNC Machining (ETM-CNC 2015)

Venue: CAD Lab

Date: 20/5/2016

| S. No. | Name of the Participant | Signature |
|--------|-------------------------|-----------|
| 1 | MD. Sarvar | |
| 2 | M.M. YUGANDHAR | |
| 3 | M. Viswanth | |
| 4 | S. Malleswarao Rao | |
| 5 | A. Naresh Kumar | |
| 6 | N. Sreenivasa Sudu | |
| 7 | M. Krishnah | |
| 8 | C.H. Chandra Mohan | |
| 9 | K. Kalyanrao | |
| 10 | S. Naresh Kumar | |
| 11 | D.V. Ramana Reddy | |
| 12 | K. Sairam | |
| 13 | V. Sreedhar | |

# VARDHAMAN COLLEGE OF ENGINEERING

## (Autonomous)

## Department of Mechanical Engineering

Name of the Program: Effective teaching methodologies and CNC Machining (ETM-CNC 2015)

Venue: CAD Lab

Date: 21/5/16

| S. No. | Name of the Participant | Signature |
|--------|------------------------|-----------|
| 1. | M. Viswanath | |
| 2 | S. Malleshwar Rao | |
| 3 | MD. Sarvar | |
| 4 | MM. Yugadhar | |
| 5 | K. Naresh Kumar | |
| 6 | N. Sreenivasulu | |
| 7 | M. Krishnaiah | |
| 8. | CH. Chamhar tng | |
| 9. | K. Kalyan Rao | |
| 10. | S. Naresh Kumar | |
| 11. | D. V. Ramana Reddy | |
| 12. | k. Sairam | k. Sairam |
| 13 | V. Sreedhar | |

# VARDHAMAN COLLEGE OF ENGINEERING

## (Autonomous)
## Department of Mechanical Engineering

Name of the Program: Effective teaching methodologies and CNC Machining (ETM-CNC 2015)

Venue: CAD Lab

Date: 22/8/16

| S. No. | Name of the Participant | Signature |
|--------|------------------------|-----------|
| 1. | M.M. Yugandhar | |
| 2. | M. Viswanth | |
| 3. | S. Malleshware Rao | |
| 4. | M.D. Server | |
| 5. | K. Naresh Kumar | |
| 6. | M. Krishnaiah | |
| 7. | Q. Sreenivasulu | |
| 8. | CH. Chandra Mohan Svg | |
| 9. | K. Kalyan Rao | |
| 10. | S. Naresh Kumar | |
| 11. | D.V. Ramona Reddy | |
| 12. | K. Sairam | |
| 13 | V. Sreedhar | |

# VARDHAMAN COLLEGE OF ENGINEERING

## (Autonomous)

## Department of Mechanical Engineering

Name of the Program: Effective teaching methodologies and CNC Machining (ETM-CNC 2015)

Venue: CAD Lab

Date: 23/06/16

| S. No. | Name of the Participant | Signature |
|--------|-------------------------|-----------|
| 1. | K. Naresh Kumar | |
| 2. | M. Viswanath | |
| 3. | S. Malleswara Rao | |
| 4. | K. Naresh Kumar | |
| 5. | N. Sreenivasulu | |
| 6. | M. Krishneiah | |
| 7. | CH. Chandra Mohan Singh | |
| 8. | S. Naresh Kumar | |
| 9. | D.V. Ramana Reddy | |
| 10. | Sairam. Kotari | |
| 11 | V. Sreedhar | |
| | | |
| | | |
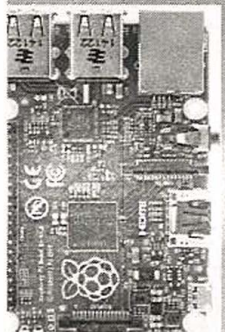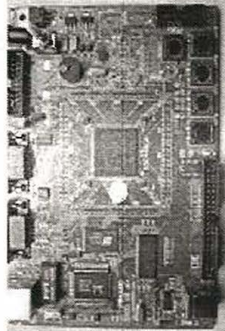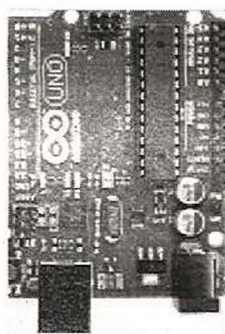
## Objective of the FDP

The FDP explains modern hardware and software techniques in developing embedded systems, with the emphasis on utilizing ARDUINO, ARM & PI BOARDS families of processor. Presented are the features that enable the ease-of-use, such as integrated debug control, the architectural optimizations such as efficient interrupt processing, and the software tools and the existing functionality enhancement in software. The FDP also explains modern system interfaces and the sensor and actuator integration techniques.

The faculty development program on Design and Development of Embedded Systems by Multiprocessor Technologies will fulfill the following objectives:

❖ To introduce faculties to the modern embedded systems and to show how to understand and program such systems using a concrete platform built around.
❖ To equip faculties with the fundamental concepts and tools of embedded system design.
❖ To do hardware/software co-design and develop a broad base of skills for embedded systems.

Keeping in mind, the importance of research in frontier areas like Embedded Systems, ECE Dept., and Vardhaman College of Engineering in association with Team EmbeddedRF Technologies is organizing a FDP on Design and Development of Embedded Systems by Multiprocessor Technologies, ESMT - 2015.

## Registration Details

❖ No Registration Fee for the Participants.
❖ Limited number of Participants (35 - 40) will be accommodated on first-cum-first served basis.
❖ Lunch, Tea and Snacks will be provided.

## Important Dates

Last date for Registration       :       04/12/2015
Date of Acceptance Intimation       :       05/12/2015

### For further details contact

**Mr. J. Krishna Chiatanya**
Associate Professor
Department of ECE
Vardhaman College of Engineering
Ph. +91 9885052980
e-mail: j.krishnachaitanya@vardhaman.org

Participants may avail free transport facility on our college buses.
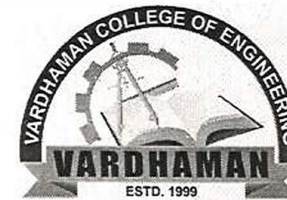
Raspbian

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# One Week Faculty Development Program
# On
# DESIGN AND DEVELOPMENT OF EMBEDDED SYSTEMS USING MULTIPROCESSOR TECHNOLOGIES
# ESMT – 2015
# 7 - 12, December 2015

## For Faculty and Industry Participants

## Supported By
# EmbeddedRF Technologies

## Chair Person
# Prof. Y. Pandu Rangaiah
**Professor, ECE**

## Coordinator
# Mr. J. Krishna Chaithanya
**Associate Professor, ECE**

## Organized by
**Department of Electronics and Communication Engineering**
# VARDHAMAN COLLEGE OF ENGINEERING

**(AUTONOMOUS)**
**Accredited by NAAC with 'A' Grade, NBA, ISO 9001:2008 Certified**
**Approved by AICTE, New Delhi, Affiliated to JNTUH**
**Shamshabad – 501218, Hyderabad (A.P.)**
**Ph: 08413 – 253335, 253201; Fax: 08413 - 253482**
**Website: www.vardhaman.org**
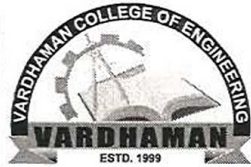
# VARDHAMAN COLLEGE OF ENGINEERING

## (AUTONOMOUS)
### Shamshabad – 501218, Hyderabad (A.P.)

**One Week Faculty Development Program**
**On**
**DESIGN AND DEVELOPMENT OF EMBEDDED SYSTEMS USING**
**MULTIPROCESSOR TECHNOLOGIES**
**ESMT – 2015**
**7 - 12, December 2015**

### Supported By
## EmbeddedRF Technologies

## REGISTRATION FORM

Name:................................................................................

Year / Branch : ................................................................

Department: ....................................................................

Organization: ..................................................................

Address for Correspondence:..........................................

................................................................................

................................................................................

Ph:.............................................. E-mail ID:.....................................

**Signature      the Participant**

# VARDHAMAN COLLEGE OF ENGINEERING
## (AUTONOMOUS)
### Shamshabad, Hyderabad – 501218

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
## FACULTY DEVELOPMENT PROGRAMME – One Page Report (After Completion)

Date: 12/12/2015

| | |
|---|---|
| Name of the department | : ECE |
| Title of the FDP | : *DESIGN AND DEVELOPMENT OF EMBEDDED SYSTEMS BY MULTIPROCESSOR TECHNOLOGIES* |
| Organized dates | : From 07/12/2015 to 12/12/2015 |
| Name of the Coordinator with Ph. No's | : Mr. J. Krishna Chaithanya - 9885052980 |
| No. of Participants | : In-house: 60, Outside: 00, PG Scholars: 10 |
| No. of faculty members benefited by the FDP | : |
|     Within the department | : 12 (Faculty f ECE) + 10 (PG Scholars) |
|     Other department | : NIL |
| Total amount allotted for FDP | : 24,000/- |
| Total Income from external participants | : NIL |
| Total expenditure incurred for the FDP | : 24,000/- |
| Amount generated for Corpus fund (if any) | : NIL |
| (Internal Revenue Generated) | |

Signature of the Coordinator

Forwarded by HOD, ECE

PRINCIPAL

Encl:
- 01. List of resource persons
- 02. List of participants
- 03. Programme schedule
- 04. Detailed statement of expenditure
- 05. Copy of brochure
- 06. Photos of FDP
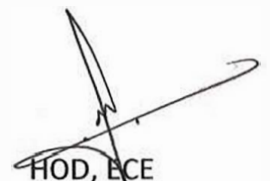
### *From Embedded RF Technologies*

**S. Bhavani Shankar**, MSc (Electronics) having 05+ years of experience in the field of Embedded Systems and conducted several student workshops, FDPs & Project Executions. He got certifications from SPRIHA IT Solutions (Diploma in Embedded Systems) & IGIAT (Diploma in PLC Programming).

**Sourabh Joshi**, M. Tech (RF & MICROWAVE) from IIT Karagpur having 02+ years of experience in the field of RF & MICROWAVE antenna designing and development in Embedded Systems and conducted number of student workshops, FDPs & Projects.

## VISION of Embedded RF Technologies

Embedded RF Technologies is into design, development and manufacturing of various sub-assemblies, assemblies, sub-systems & systems . Embedded RF technologies Manufacture and Production competencies are in multi engineering disciplinary solutions of Mechanical, Electrical, Electronics & Software and meeting MIL Standards. Embedded RF technologies offers unique, complex systems, design & analysis, proven engineering practices, and support for seamless transition and integration of new architecture capabilities. Embedded RF technologies is a professional training partner dedicated to help both company and the aspirant achieve a win-win situation. In our profession, we work with people and not just projects, because each training course offers a chance to change a person's life.

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# VARDHAMAN COLLEGE OF ENGINEERING
## (AUTONOMOUS)
### Shamshabad, Hyderabad – 501218
## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
## List of participants

| S. No | Name of the Faculty | Designation |
|-------|---------------------|-------------|
| 1 | Prof. Y. Pandu Rangaiah | Professor & Head |
| 2 | Dr. R. Murali Prasad | Professor |
| 3 | Dr. J. V. R. Ravindra | Professor |
| 4 | Dr. G. A. E. Satish Kumar | Professor |
| 5 | Mr. N. Uma Maheshwar Rao | Professor |
| 6 | Mr. S. Rajendar | Professor |
| 7 | Mrs. A. Vijaya Lakshmi | Associate Professor |
| 8 | Mr. J. Krishna Chaithanya | Associate Professor |
| 9 | Mrs. S. Sujana | Associate Professor |
| 10 | Mrs. D. Naga Jyothi | Associate Professor |
| 11 | Mrs. P. Rama Devi | Associate Professor |
| 12 | Mr. S. Srinivas | Associate Professor |
| 13 | Mr. T. Rama Krishnaiah | Associate Professor |
| 14 | Ms. C. Padmini | Associate Professor |
| 15 | Mrs. M. Srilatha | Associate Professor |
| 16 | Mr. K. Durga Prasad | Associate Professor |
| 17 | Mr. M. Gopi Krishna | Associate Professor |
| 18 | Mrs. B. Suneetha | Associate Professor |
| 19 | Mr. K. H. Murali | Associate Professor |
| 20 | Mrs. M. Rajani Devi | Associate Professor |
| 21 | Mr. S. Srinivasa Reddy | Associate Professor |
| 22 | Mr. S. Janardhana Rao | Associate Professor |
| 23 | Mr. M. Veeraswami | Assistant Professor |
| 24 | Mr. H. Shravan Kumar | Assistant Professor |
| 25 | Ms. V. Harini | Assistant Professor |
| 26 | Mr. Eliyaz Mohammad | Assistant Professor |
| 27 | Ms. M. P. Sirisha | Assistant Professor |
| 28 | Mr. M. Nagarjuna | Assistant Professor |
| 29 | Mr. G. Bhaskar Phani Ram | Assistant Professor |
| 30 | Mr. G. Kalyan Chakravarthy | Assistant Professor |

| 31 | Mrs. A. Jayalakshmi | Assistant Professor |
|----|---------------------|---------------------|
| 32 | Mr. N. Satyanarayana | Assistant Professor |
| 33 | Mr. I. Babu | Assistant Professor |
| 34 | Ms. K. Swathi | Assistant Professor |
| 35 | Mr. R. Phani Vidyadhar | Assistant Professor |
| 36 | Mr. A. V. Vinod Kumar | Assistant Professor |
| 37 | Mrs. V. Jyothi | Assistant Professor |
| 38 | Mr. N. Nagaraju | Assistant Professor |
| 39 | Mr. C. Lokanath Reddy | Assistant Professor |
| 40 | Mr. K. Sripal Reddy | Assistant Professor |
| 41 | Mr. B. Srikanth | Assistant Professor |
| 42 | Mrs. M. Lavanya | Assistant Professor |
| 43 | Mr. Uvaraj T | Assistant Professor |
| 44 | Mr. N. Madhu | Assistant Professor |
| 45 | Mr. S. Rahul | Assistant Professor |
| 46 | Mr. Gali Narendra | Assistant Professor |
| 47 | Ms. G. V. Padmaja | Assistant Professor |
| 48 | Mr. B. Sekhar Babu | Assistant Professor |
| 49 | Mr. B Swarna Kishore | Assistant Professor |
| 50 | Mr. Ch. Rama Krishna | Assistant Professor |
| 51 | Mr. N. Praveen | Assistant Professor |
| 52 | Ms. S. Chaithanya Lakshmi | Assistant Professor |
| 53 | Ms. K. Rani | Assistant Professor |
| 54 | Mr. Narsimha Kuppireddy | Assistant Professor |
| 55 | Mr. B. Raveendranadh | Assistant Professor |
| 56 | Ms. K. Sri Jayathi | Assistant Professor |
| 57 | Mrs. M. Madhavi | Assistant Professor |
| 58 | Ms. Debashree Rupalin | Assistant Professor |
| 59 | Ms. B. Gayathri | Assistant Professor |
| 60 | Mr. Lakshmi Naga Kishore | Assistant Professor |

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## VARDHAMAN COLLEGE OF ENGINEERING

### (AUTONOMOUS)
Shamshabad, Hyderabad – 501218

### DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

## FACULTY DEVELOPMENT PROGRAM ON

### DESIGN AND DEVELOPMENT OF EMBEDDED SYSTEMS BY MULTIPROCESSOR TECHNOLOGIES

### FDP SCHEDULE

**OBJECTIVES:**
1. To introduce faculties to the modern embedded systems and to show how to understand and program such systems using a concrete platform built around.
2. To equip faculties with the fundamental concepts and tools of embedded system design.
3. To do hardware/software co-design and develop a broad base of skills for embedded systems.
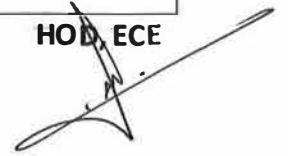
**OUTCOMES:**
*At the end of this WORKSHOP, each FACULTY should be able to perform the following tasks:*
1. Describe and compare the various types of peripherals used in embedded systems.
2. Use modern engineering tools necessary for integrating software and hardware components in embedded system designs.
3. Design systems, components, or processes for broadly-defined engineering technology problems as a member or leader on a technical team.

| DAY | MODULE | TIME |
|---|---|---|
| **DAY 1**<br>**(07/12/15)** | **Introduction to Arduino (ATMEGA168/328)** | **9:45 – 11:00** |
| | **Arduino Hardware Description** | |
| | **Arduino IDE Installation**<br>**– Install The Usb Driver**<br>**– The Arduino IDE Setup**<br>**– The Arduino IDE** | |
| | **BREAK** | **11:00 – 11:10** |
| | **Arduino to LED Blinking** | **11:15 – 12:45** |
| | **LED interfacing to Arduino using PWM pin** | |
| | **Switch and Push Button interfacing to Arduino** | |
| | **Potentiometer interfacing to Arduino** | |
| | **LUNCH** | **12:45 – 1:40** |
| | **Relay interfacing to Arduino** | **1:45 – 4:00** |
| | **LCD interfacing to Arduino** | |
| | **Motor interfacing to Arduino** | |
| **DAY 2**<br>**(08/12/15)** | **Bluetooth Module interfacing to Arduino** | **9:45 – 11:00** |
| | **GPS Module interfacing to Arduino** | |
| | **BREAK** | **11:00 – 11:10** |
| | **RFID Module interfacing to Arduino** | **11:15 – 12:45** |
| | **Smart Card Module interfacing to Arduino** | |
| | **LUNCH** | **12:45 – 1:40** |
| | **GSM Module interfacing to Arduino** | **1:45 – 4:00** |

| | TEST PROJECTS BASED ON ALL INTERFACES | |
|---|---|---|
| **DAY 3**<br>**(09/12/15)** | ARM Embedded Systems | 9:45 – 11:00 |
| | ARM Processor Fundamentals | |
| | ARM Hardware Description | |
| | **BREAK** | **11:00 – 11:10** |
| | Introduction to the ARM Instruction Set (GENERAL & THUMB) | 11:15 – 12:45 |
| | Introduction to KEIL COMPILER | |
| | Writing and Optimizing ARM Assembly Code and C programming | |
| | **LUNCH** | **12:45 – 1:40** |
| | ARM to LED Blinking and using PWM pin | 1:45 – 4:00 |
| | Switch and Push Button interfacing to ARM | |
| | Relay interfacing to ARM | |
| **DAY 4**<br>**(10/12/15)** | LCD interfacing to ARM | 9:45 – 11:00 |
| | Motor interfacing to ARM | |
| | Potentiometer interfacing to ARM | |
| | **BREAK** | **11:00 – 11:10** |
| | Bluetooth Module interfacing to ARM | 11:15 – 12:45 |
| | GPS Module interfacing to ARM | |
| | GSM Module interfacing to ARM | |
| | **LUNCH** | **12:45 – 1:40** |
| | RFID Module interfacing to ARM | 1:45 – 4:00 |
| | Smart Card Module interfacing to ARM | |
| | **TEST PROJECTS BASED ON ALL INTERFACES** | |
| **DAY 5**<br>**(11/12/15)** | Raspberry PI Introduction | 9:45 – 11:00 |
| | Raspberry PI Hardware Description | |
| | Raspbian Operating System NOOBS<br>– Install The USB Driver<br>– The Raspberry PI IDE Setup | |
| | **BREAK** | **11:00 – 11:10** |
| | Getting started with Raspberry Pi | 11:15 – 12:45 |
| | LINUX Commands | |
| | **LUNCH** | **12:45 – 1:40** |
| | Raspbian Scratch/Python Language | 1:45 – 4:00 |
| | Networking, USB and Wireless | |
| | LED interfacing to Raspberry PI using PWM pin | |
| **DAY 6**<br>**(12/12/15)** | Switch, Push Button, LCD, Relay and Motor interfacing to Raspberry PI | 9:45 – 11:00 |
| | Bluetooth Module interfacing to Raspberry PI | |
| | **BREAK** | **11:00 – 11:10** |
| | RFID and Smart Card Module interfacing to Raspberry PI | 11:15 – 12:45 |
| | GPS Module interfacing to Raspberry PI | |
| | **LUNCH** | **12:45 – 1:40** |
| | GSM Module interfacing to Raspberry PI | 1:45 – 4:00 |
| | Interfacing Arduino To Raspberry Pi | |
| | **TEST PROJECTS BASED ON ALL INTERFACES** | |

HOD, ECE

# VARDHAMAN COLLEGE OF ENGINEERING

**(AUTONOMOUS)**

Shamshabad, Hyderabad – 501218

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

## FACULTY DEVELOPMENT PROGRAM ON

### DESIGN AND DEVELOPMENT OF EMBEDDED SYSTEMS BY MULTIPROCESSOR TECHNOLOGIES

## Expenditure of FDP

DATE-: 04/12/2015

## Common Expenditure for all 6 Days:

| S. No. | EXPENDITURE CATEGORY | Total in Rs/- |
|--------|----------------------|---------------|
| 01 | **Resource Person Charges** (for delivering content- 6 Days * 4000) | 24,000/- |
| 02 | **TEA & SNACKS for Resource Persons** (6 Days * 50) | 300/- |

HOD, ECE

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
## PHOTOS OF FDP





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## ABOUT THE COLLEGE

Vardhaman College of Engineering was established in 1999 with an endeavour to impart high quality Technical Education and innovative research in the fields of Engineering technologies, with emphasis on industry oriented programs for development of students as well as faculty. Vardhaman College of Engineering is affiliated to Jawaharlal Nehru Technological University (JNTU), Hyderabad, and is approved by the All India Council for Technical Education (AICTE), New Delhi.

The prime objective of Vardhaman College of Engineering is to update and modernize the quality of professional education. Its aim is to employ innovative teaching methods which carry an emphasis on fast changing technological trends. This is to integrate classroom learning with actual work experience in the industry concerned or in a related professional field. In the course of continued march towards excellence the college was credited with the status of an Autonomous College by UGC and accredited by NAAC with 'A' Grade.

## ABOUT THE DEPARTMENT

The department of Electrical and Electronics Engineering was established in 2002 and is accredited by National Board of Accreditation (NBA), AICTE. The department has competitive faculty members from prestigious institutions in specializations like Electrical Power Systems, Control systems, Power Electronics and Instrumentations. The department is also offering M. Tech. (Power Electronics and Electric Drives) from the academic year 2008-2009 with an intake of 18 and is affiliated to Jawaharlal Nehru Technological university.

Objective of the department is to train and educate undergraduate engineering with academic excellence and to develop the student as a competent and responsible citizen with positive attitude, good character, self-confidence and leadership qualities and to keep pace with the rapidly growing technology in the Electrical and Electronics Engineering field. The department has well equipped laboratories to meet the demands of present day international Scenario.

The department organizes National level conferences/ workshops/ seminars frequently for the benefit of faculty and students of various engineering college for meeting the industry standards.

## ORGANIZING COMMITTEE

### PATRONS

| | |
|---|---|
| Dr. T. VIJENDER REDDY | Chairman |
| Sri. T. UPENDER REDDY | Secretary |
| Sri. M. RAJASEKHAR REDDY | Vice-Chairman |
| Sri. E. PRABHAKAR REDDY | Treasurer |

### ADVISOR

| | |
|---|---|
| Dr. S. SAI SATYANARAYANA REDDY | Principal, VCE |

### CONVENER

| | |
|---|---|
| Mr. Md. ASIF | HOD, EEE |

### CO-ORDINATORS

| | |
|---|---|
| Dr. H. S. JAIN | Dean R&D |
| Dr. D. SWATI | Professor, EEE |

### MEMBERS

| | |
|---|---|
| Mr. T.C.Srinivasa Rao | Associate Professor |
| Mr. K.Hanumanta Rao | Associate Professor |
| Ms. K.Jyothi | Associate Professor |
| Mr. V.Sharath Babu | Associate Professor |
| Mr. B.Raja Gopal Reddy | Associate Professor |
| Mr. D.Srinivasulu | Associate Professor |
| Mr. K.Kalyan Kumar | Assistant Professor |
| Mr. N.Srinivas | Assistant Professor |
| Mr. A.Rama Krishna | Assistant Professor |
| Ms. D.Pavithra | Assistant Professor |
| Mr. R.Bhaskar | Assistant Professor |
| Ms. K.Sravanthi | Assistant Professor |
| Ms. P.Harika | Assistant Professor |
| Ms. K.C.Archana | Assistant Professor |
| Ms. B.Vijaya Lakshmi | Assistant Professor |
| Ms. S.Keerthi Sonam | Assistant Professor |
| Ms. A.Maanasa Devi | Assistant Professor |
| Mr. P.Raja Sekhar | Assistant Professor |
| Mr. B.Ravi Kumar | Assistant Professor |
| Ms. R.N.V.L.H.Madhuri | Assistant Professor |
| Mr. U.Venkat Reddy | Assistant Professor |
| Ms. P.Mounica | Assistant Professor |
| Mr. V.Pramod Kumar | Assistant Professor |

## VARDHAMAN COLLEGE OF ENGINEERING

(AUTONOMOUS)

Shamshabad, Hyderabad-501 218

Department of Electrical and Electronics Engineering

### Faculty Development Program On

### Real Time Applications in Power Systems and MATLAB

07th - 12th December, 2015

### REGISTRATION FORM

Name: _____

Designation: _____

Department: _____

Organization: _____

Address for correspondence:

_____

_____

| | | |
|---|---|---|
| Phone | : | |
| E mail Id | : | |
| Payment Details | : | |
| Cheque/D.D/Cash | : | |
| Amount paid | : | |
| Date | : | |
| Place | : | |

Signature of the participant

## TARGET AUDIENCE

- Faculty members from AICTE approved Institutions
- Industry Delegates

## REGISTRATION FEE

- Faculty Members    : Rs. 500/-
- Industry Delegates  : Rs. 750/-

## CONTACT PERSONS

**Mr. B. RAJA GOPAL REDDY**
Associate Professor,
Department of Electrical and Electronics Engineering
Email   : reddy.rajagopal@gmail.com
Tel      : +91 9949777062

## IMPORTANT DATES

Last date for Receipt of Applications: **05th December 2015**

The filled registration form should be sent by post or by email to  **hodeee@vardhaman.org**

## FACILITIES FOR PARTICIPANTS

along with the FDP kit. The participants are requested to make their own arrangements for Lodging.

## OBJECTIVES OF THE PROGRAM

The objective of the program is to train the faculty from various engineering colleges in the field of Electrical Power Systems and to help them to update their knowledge with Modern Power Quality Devices and Intelligent tools in this field. The course also aims to target the research problems and to provide an opportunity for faculty to exchange and share ideas in intelligent tools and related fields. Such programs are essential to update the academia on emerging areas, especially those for which resources are limited at local / national level.

## RESOURCE PERSONS

- **Dr. H. S. JAIN,** Professor and Dean R&D
- **Dr. P. CHANDRA SEKHAR,** Professor, NIT, Warangal
- **Dr. Y.CHANDRA SEKHAR,** Professor, NIT, Warangal
- **Mr. C.BHANU PRASAD,** Project Developer

## ROAD MAP To VARDHAMAN
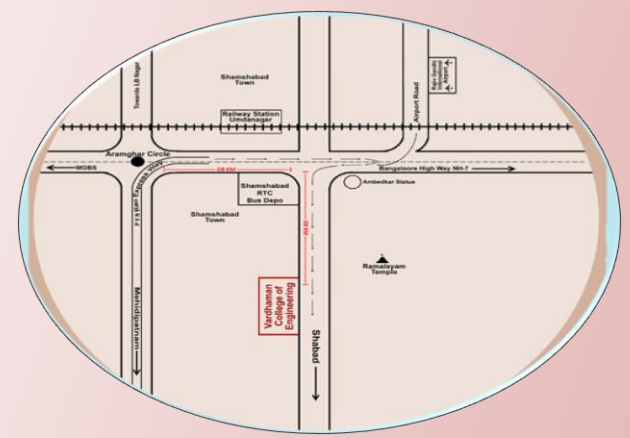


**Faculty Development Program**
On

**Real Time Applications in Power Systems and MATLAB**

**07th - 12th December, 2015**

Department of Electrical and Electronics Engineering
**VARDHAMAN COLLEGE OF ENGINEERING**
**(AUTONOMOUS)**
**Shamshabad-501 218, Hyderabad**
**www.vardhaman.org**

# VARDHAMAN COLLEGE OF ENGINEERING

(Autonomous)

Shamshabad, Hyderabad

## Department of Electrical and Electronics Engineering

### Faculty Development Program (FDP)
on
### Real Time Applications in Power Systems and MATLAB

(07th - 12th December, 2015)

**Venue: Block-3**

**Participants: Faculty of EEE**

### Attendance Sheet

Date: 07-12-2015

| S. No | Name | Signature |
|-------|------|-----------|
| 1 | Md. Asif | |
| 2 | B. Raja Gopal Reddy | |
| 3 | P. Harika | |
| 4 | D. Pavithra | |
| 5 | K. Jyothi | |
| 6 | K. Srabanthi | |
| 7 | K. Kalyan Kumar | |
| 8 | R. Bhaskar | |
| 9 | V. Charath Babee | |
| 10 | A. Ramakrishne | |
| 11 | U. Venkata Reddy | |
| 12 | N. Srinivas | |
| 13 | B. Ravi kumar | |
| 14 | P. Rajasekhar | |
| 15 | A. Ananda Kumar | |
| 16 | K. C. Archana | |
| 17 | R.N.V.L.H. Madhuri | |
| 18 | Maanasa Devi. A | |
| 19 | T.C. Srinivasa Rao | |
| 20 | Vujjini Pramod kumar | |
| 21 | P. Kiran Kumar | |
| 22 | P. Rajasekhar | |
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# VARDHAMAN COLLEGE OF ENGINEERING

(Autonomous)

Shamshabad, Hyderabad

## Department of Electrical and Electronics Engineering

**Faculty Development Program (FDP)**

**on**

*Real Time Applications in Power Systems and MATLAB*

(07th - 12th December, 2015)

Venue: Block-3                     Participants: Faculty of EEE

## Attendance Sheet

Date: 08-12-2015

| S. No | Name | Signature |
|-------|------|-----------|
| 1 | S. Keerthi Sonam | |
| 2 | P. Harika | |
| 3 | B. Raja Gopal Reddy | |
| 4 | K. Kalyan Kumar | |
| 5 | N. SRINIVAS | |
| 6 | T. C. Srinivasa Rao | |
| 7 | U. Venkata Reddy | |
| 8 | B. Ravi Kumar. | |
| 9 | A Ananda Kumar | |
| 10 | D. Pavithra | |
| 11 | D. Revathi | |
| 12 | K. Jyothi | |
| 13 | Maanasa Devi. A | |
| 14 | K. Sravanthi | |
| 15 | K. C. Archana | |
| 16 | P. Mounica | |
| 17 | P. Rajeswari | |
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# VARDHAMAN COLLEGE OF ENGINEERING

(Autonomous)

Shamshabad, Hyderabad

## Department of Electrical and Electronics Engineering

**Faculty Development Program (FDP)**

**on**

**Real Time Applications in Power Systems and MATLAB**

(07th - 12th December, 2015)

**Venue: Block-3**                    **Participants: Faculty of EEE**

## Attendance Sheet

**Date: 09-12-2015**

| S. No | Name | Signature |
|-------|------|-----------|
| 1 | S. Keerthi sriram | |
| 2 | P. Hasika | |
| 3 | P. Mounica | |
| 4 | D. Pavithra | |
| 5 | B. Vijayalakshmi | |
| 6 | R. Madhuri | |
| 7 | A. Ramakrishna | |
| 8 | B. Ravi kumar | |
| 9 | U. venkat reddy | |
| 10 | A. Anand kumar | |
| 11 | K. Sravanthi | |
| 12 | M. Saritha | |
| 13 | M. Jalaja vani | |
| 14 | V. Santhosh kumar | |
| 15 | A. Geetha | |
| 16 | P. Rajasree | |
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# VARDHAMAN COLLEGE OF ENGINEERING

(Autonomous)

Shamshabad, Hyderabad

## Department of Electrical and Electronics Engineering

**Faculty Development Program (FDP)**

on

**Real Time Applications in Power Systems and MATLAB**

(07th - 12th December, 2015)

**Venue: Block-3**                    **Participants: Faculty of EEE**

## Attendance Sheet

**Date: 10-12-2015**

| S. No | Name | Signature |
|-------|------|-----------|
| 1 | S. Keerthi Sonam | *signature* |
| 2 | P. Harika | *signature* |
| 3 | K. Sravanthi | *signature* |
| 4 | A. Anand Kumar | *signature* |
| 5 | R.N.V.L.H. Madhuri | *signature* |
| 6 | D Pavithra | *signature* |
| 7 | B. Ravi Kumar | |
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# VARDHAMAN COLLEGE OF ENGINEERING

(Autonomous)

Shamshabad, Hyderabad

## Department of Electrical and Electronics Engineering

### Faculty Development Program (FDP)
### on
### Real Time Applications in Power Systems and MATLAB

(07th - 12th December, 2015)

**Venue: Block-3**                    **Participants: Faculty of EEE**

## Attendance Sheet

**Date: 11-12-2015**

| S. No | Name | Signature |
|-------|------|-----------|
| 1 | A. Ananda kumar | |
| 2 | A. Ramakrishna | |
| 3 | B. Ravi kumar | |
| 4 | P. Haroka | |
| 5 | S. Keerthi sonam | |
| 6 | Maanasa Devi. A | |
| 7 | P. Mounica | |
| 8 | K. Sravanthi | |
| 9 | T. C. Srinivasa Rao | |
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# VARDHAMAN COLLEGE OF ENGINEERING

(Autonomous)

Shamshabad, Hyderabad

## Department of Electrical and Electronics Engineering

**Faculty Development Program (FDP)**

**on**

***Real Time Applications in Power Systems and MATLAB***

(07th - 12th December, 2015)

**Venue: Block-3**  **Participants: Faculty of EEE**

## Attendance Sheet

**Date: 12-12-2015**

| S. No | Name | Signature |
|-------|------|-----------|
| 1 | S. Keerthi Soram | *(signature)* |
| 2 | P. Mounica | *(signature)* |
| 3 | A. Anand Kumar | *(signature)* |
| 4 | U. Venkata Reddy | *(signature)* |
| 5 | K. Sravanthi | *(signature)* |
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# Certificate of Participation

This is to certify that

Mr. MD. ASIF has participated

in a FACULTY DEVELOPMENT PROGRAMME

on "Real Time Applications in Power Systems and MATLAB"

held from **7th to 12th December, 2015**, organized by

Department of Electrical and Electronics Engineering.

**HOD-EEE**                **PRINCIPAL**

VARDHAMAN COLLEGE OF ENGINEERING
VARDHAMAN
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**VARDHAMAN**
COLLEGE OF ENGINEERING
(AUTONOMOUS)
Shamshabad, Ranga Reddy Dist.

**Report on** "Real Time Applications in Power Systems and MATLAB"

A one week faculty development programme on **"Real Time Applications in Power Systems and MATLAB"** was held at Department of Electrical and Electronics Engineering, Vardhaman College of Engineering from 07th December to 12th December, 2015. The FDP is aimed in setting a platform to the academicians, research scholars, Industry experts and students to enrich their skills in modern power quality devices. The main intent to conduct this FDP is to examine mechanisms for bridging the gap between academics and research.

**TECHNICAL SESSIONS:**

**1st & 2nd Day (07-12-2015 to 07-12-2015):**

First and second day was handled by H. S. Jain, Professor, Vardhaman College of Engineering, Hyderabad. He has delivered a lecture on Electric power generation, Commercial facilities and Utility distribution during 1st day. Further, applications of power system simulation include: long-term generation and transmission expansion planning, short-term operational simulations and market analysis during 2nd day. These programs typically make use of mathematical optimization techniques such linear programming, quadratic programming, and mixed integer programming.

**3nd & 4th Day (09-12-2015 to 10-12-2015):**

Dr. P. Chandra Sekhar, Assistant Professor, National Institute of Technology, Warangal, has a given a lecture modeling power generation equipment, planning the integration of power plants onto the electric grid and performing generator control system parameter estimation which includes Simulating performance against grid code and ensuring production goals, Automating control system parameter estimation to meet regulatory requirements and Performing EMT simulation and harmonic analysis to identify and mitigate power quality issues.

**5th & 6th Day (11-12-2015 to 12-12-2015):**

Dr. Y. Chandra Sekhar, Assistant Professor, National Institute of Technology, Warangal, has a given a lecture Renewable energy resources in power systems, Microgrids, Optimization techniques, Meta-heuristic Techniques, Fast EV Charging stations, Blockchain Technologies to Smart Grid and Power system Reliability.
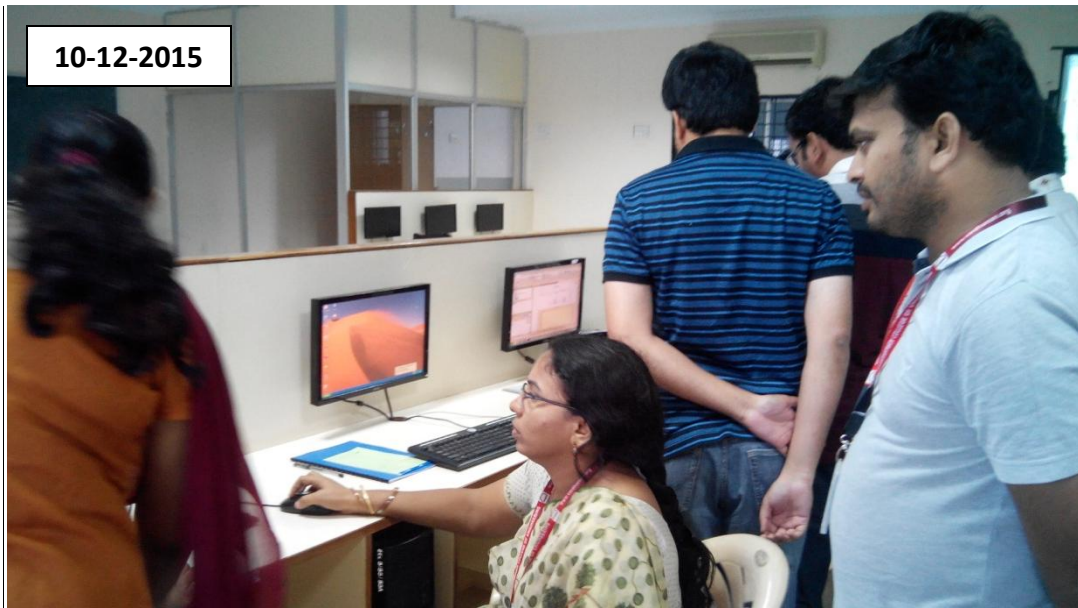
10-12-2015

**OUTCOME:**

All the sessions were very much informative. The discussed areas are of great benefit in understanding the theoretical concepts and laboratory practices on Real Time Applications in Power Systems and MATLAB for the participants further helps in research activity.

# VARDHAMAN COLLEGE OF ENGINEERING

(AUTONOMOUS)

Shamshabad – 501 218, Hyderabad

**IUCEE-IGIP Engineering Educators' Certification Program (IIEECP)**

**Phase I - Orientation Workshop**

**December 9 - 12, 2015**

## Programme Sheet

*Wednesday, December 9, 2015*

| Time | Activity |
|---|---|
| 10:00 AM | Inviting the dignitaries on to the dais |
| 10:05 AM | Invocation |
| 10:10 AM | Lighting the Lamp |
| 10:15 AM | Welcome address by Program Co-ordinator, IIEECP |
| 10:20 AM | Address by Principal, VCE |
| 10:25 AM | Introduction of Chief Guest |
| 10:30 AM to 10:45 AM | Address by Chief Guest |
| 10:45 AM to 11:00 AM | Introduction of the participants |
| 11:00 AM – 11:30 AM | Session I – About IIEECP program – objectives and structures |
| 11:30 AM – 11:45 AM | **Tea break** |
| 11:45 AM – 12:45 PM | Session II – Introduction modules I – The Teaching-Learning process |
| 12:45 PM – 1:30 PM | **Lunch break** |
| 1:30 PM – 3:00 PM | Session III – Introduction modules II –Fundamentals of Course Design - I |
| 3:00 PM – 3:15 PM | **Tea break** |
| 3:15 PM – 4:45 PM | Session IV – Introduction modules II – Fundamentals of Course Design - II |
| 4:45 PM – 5:15 PM | Summing up ; Follow-up activities; Plan for the next day |

*Thursday, December 10, 2015*

| Time | Activity |
|---|---|
| 9:45 –11:00 | Session V - Introduction Modules III- Creating a Dynamic Classroom |
| 11:00 – 11:15 | **Tea break** |
| 11:15 – 12:45 | Session VI - Introduction Modules V- Collaborative Learning |
| 12:45 – 1:30 | **Lunch break** |
| 1:30 – 3:00 | Session VII - Introduction Modules VI - Effective Assessment |
| 3:00 – 3:15 | **Tea break** |
| 3:15 – 4:45 | Session VIII - Introduction Modules VI – Harnessing the Power of Technology |
| 4:45 – 5:15 | Summing up ; Follow-up activities; Plan for the next day |

*Friday, December 11, 2015*

| Time | Activity |
|---|---|
| 9:45 –11:00 | Session IX –Microsoft Training – Teaching with Technology, hands-on workshop |
| 11:00 – 11:15 | **Tea break** |
| 11:15 – 12:45 | Session X –Microsoft Training – Teaching with Technology, hands-on workshop |
| 12:45 – 1:30 | **Lunch break** |
| 1:30 – 3:00 | Session XI – Effective Assessment – Part II |
| 3:00 – 3:15 | **Tea break** |
| 3:15 – 4:45 | Session XII –Review of hands-on exercise of Course Design |
| 4:45 – 5:15 | Summing up ; Follow-up activities; Plan for the next day |

*Saturday, December12, 2015*

| Time | Activity |
|---|---|
| 9:45 –11:00 | Session XIII –Finalizing Planning for Experimental Course |
| 11:00 – 11:15 | **Tea break** |
| 11:15 – 12:45 | Session XIV –Communication Review Activities |
| 12:45 – 1:30 | **Lunch break** |
| 1:30 – 3:00 | Session XV - Hands-On Session on In Pods Platform – I |
| 3:00 – 3:30 | Session XVI – Hands-On Session on In Pods Platform - II |
| 3:30 – 4:30 | Summing up ; Follow-up activities; Feedback |

## Report on IUCEE – IGIP International Engineering

## Educators Certification Program (IIEECP)

An international Certification program viz IIEECPwith duration of ONE SEMESTER (09 December, 2015 – 10 June, 2016) was launched by Vardhaman College of Engineering with an objective to transform its faculty capable of imparting effective, student – centered instruction.

This program is planned in four Phases:

Phase I – orientation (09th December, 2015 – 12th December, 2015)

Phase II – Theory + Practicum (21st December, 2015 – 20th April, 2016)

Phase III – Reporting (09th May 2016 – 01st June, 2016)

Phase IV – Valedictory (02nd June, 2016 – 06th June, 2016 (tentative))

The first phase Face to Face orientation started on 09th December, 2015 (Wednesday).

### Day 1(09-12-2015, Wednesday):

The Principal Dr. S. Sai Satyanarayana Reddy initiated the program and in his inaugural speech he talked about transformation of engineering education worldwide to meet the needs of the twenty – first century.

The Day I was organized into four sessions:

Session I – About IIEECP Program – objectives and structures

Session II – Introduction module I – The Teaching – Learning Process

Session III – Introduction module II – Fundamentals of course design – I

Session IV – Introduction module III – Fundamentals of course design – II

All the above sessions were handled by Dr. Veena Kumar, Executive Director, IIEECP.

In these sessions Dr. Veena Kumar reviewed all the information about the IGIP Teacher Certification Program. She shared her own extensive experience and knowledge of the Indian context. She emphasized on teaching methodologies that effectively integrated multimedia resources, software and chalk and board teaching.

**Day 2 (10-12-2015, Thursday):**

The day II was organized into four sessions:

        Session – V: Introduction module V – Creating a dynamic class room

        Session – VI: Introduction Module VI – Collaborative Learning

        Session – VII: Introduction Module VI – Effective assessment

        Session – VII: Introduction Module VII – Harnessing the power of Technology

In this sessions Dr. Kumar stressed on various levels at which collaboration between industry and academia can happen. She emphasized the importance of this interaction for various reasons including curriculum design and development, training and skill development, basic and applied research technology development and transfer.



**Day 3 (11-12-2015, Friday):**

The day III was organized into four sessions:

        Session – IX: Microsoft Training – Teaching with Technology, Hands – on workshop

        Session – X: Microsoft Training – Teaching with Technology, Hands – on workshop

        Session – XI: Effective Assessment

        Session – XII: Review of hands – on exercise of course design

During forenoon sessions IX and X, the Microsoft personnel Mr. Samuel Srivastav and Mr. Kunal Shukla demonstrated the following software tools windows10, office Mix, Sway. One Note, Yammer to all the participants. After the practice, the participants expressed their satisfaction over the usage of the above tools.

In the An sessions XI and XII, Dr. Veena Kumar reviewed the importance of pedagogy in the field of engineering.

**Day 4 (12-12-2015, Saturday):**

The day IV was organized into four sessions:

Session – XIII: Finalizing planning for experimental Course

Session – XIV: Communication Review Activities

Session – XV: Hands on session on InPods platform I

Session – XVI: Hands on session on InPods platform II

During FN sessions, Dr. Veena kumar talked about webinars and courses in a blended format for faculty development.

In the AN sessions, all the participants used InPods (http://www.inpods.com/) as the platform to get themselves explored for delivering the online component.



**OUTCOMES:**

The following are the outcomes at the end of IIEECP program – Phase I:

I. All the participating faculty are fully aware of the program objectives

II. Participants are ready to grasp the two components – the theory and the practicum

**CONCLUSION:**

The Phase II (The theory and the practicum) will commence on 21-12-2015 and will end by 20-04-2016. Awaiting Phase II.

REPORT

ON

6 DAY WORKSHOP ON "MICROSOFT CERTIFICATION TRAINING - WINDOWS

APPLICATION DEVELOPMENT USING C#.NET"

Organized by

# Vardhaman College of Engineering, Shamshabad-501218, Hyderabad

5$^{th}$ - 10$^{th}$ August, 2015

Hyderabad.

## TABLE OF CONTENTS

# 6 DAY WORKSHOP ON "MICROSOFT CERTIFICATION TRAINING ON WINDOWS APPLICATION DEVELOPMENT USING C#.NET"

Date: 5th – 10th AUGUST, 2015
Timings: 09:40 AM – 4:30 PM.
Venue: Block 1 LAB's and Auditorium, Vardhaman College of Engineering.

## 1. SUMMARY:

Vardhaman College of Engineering in collaboration with the DevmenIT conducted a workshop on **"Microsoft Certification Training On Windows Application Development Using C#.Net"**. The six-day workshop focused entirely on the basic concepts of windows application development using C#.NET in Microsoft Visual Studio and then moved onto practical implementation of these concepts to develop Windows Applications .

The Entire training program is planned two modules.

I.   Introduction to Visual Studio , programming in C#, basics of windows 8 Apps programming, programming on windows 8 controls and then moved onto the Dynamic App Development(**First Five Days**)

II.  HACKATHON(**24 hrs non-stop windows application development contest-Sixth Day**)

## TARGET STUDENTS:

The participants of the workshop were students from 2nd & 3rd years of CSE , IT and ECE Branches.

## EVENT:

The 6 Day training program began with the inauguration ceremony by the beloved principal Dr.S Sai Satyanarayana Reddy who is also professor of CSE Department followed by speeches of Dr.H.Venkateswara Reddy, Convener of this training Program and co-convener Dr. M Gopi Chand.

Later the Instructors from DevmenIT started the training program. The Training program started with the introduction to .NET and Microsoft Visual Studio. The basics of C# programming language were discussed and moved onto windows forms, controls during the first five days of the training program.

The C# programming language basics including windows forms which were learnt during the first five days paved path for the ultimate App Development contest **"HACKATHON-24 hrs non-stop windows application development contest"** on the sixth day.

## 2. OBJECTIVES:

The main objectives of this workshop are:

1. To enhance programming skills in C#.NET among students
2. To increase awareness in windows application development.
3. To prepare students with adequate knowledge for Microsoft certification in windows application development.

## 3. EXPECTED OUTCOMES OF WORKSHOP:

The following outcomes are expected after the completion of this workshop: 1. The programming skills of students will be improved
2. The industry oriented application development skills will be enhanced among students.

## 4. PARTICIPANTS:

### LIST OF STUDENTS PARTICIPATED:

### CSE STUDENTS:

| S.NO | ROLL NUMBER | STUDENT NAME |
|------|-------------|--------------|
| 1 | 13881A0501 | Abdul Raheem |
| 2 | 13881A0504 | V.Sai CharanReddy |
| 3 | 13881A0504 | K.Abhishek Sharma |
| 4 | 13881A0506 | G.Akhil Krishna |
| 5 | 13881A0511 | Akshata |
| 6 | 13881A0512 | k.akshay |
| 7 | 13881A0514 | ANISH DEVANPALLY |
| 8 | 13881A0517 | p.anudeep reddy |
| 9 | 13881A0519 | Anusha V |
| 10 | 13881A0520 | R.Anvesh |
| 11 | 13881A0525 | K.AshwiniReddy |
| 12 | 13881A0527 | k.Bhandhavi |
| 13 | 13881A0532 | B.Dattatreya |
| 14 | 13881A05321 | D.Chakradhar Reddy |
| 15 | 13881A0534 | Deepthi |
| 16 | 13881A0535 | R.Devendra Bhupathi |
| 17 | 13881A0536 | A.Devisri |
| 18 | 13881A0538 | K.Dinesh kumar |
| 19 | 13881A0540 | G.DIVYA |
| 20 | 13881A0545 | Vishal Gupta |
| 21 | 13881A0546 | B.Hareesh |
| 22 | 13881A0548 | M.Harish Kumar |
| 23 | 13881A0553 | CH.JAHNAVI |
| 24 | 13881A0554 | S. Jaya Vivek |
| 25 | 13881A0555 | a.kalyana srinivas |
| 26 | 13881A0557 | GUNDLAPALLI KARTHIK |

| 27 | 13881A0560 | P KAVYA |
|----|-----------|---------|
| 28 | 13881A0561 | B KEERTHI |
| 29 | 13881A0563 | K.S.Q.SHEHZADI |
| 30 | 13881A0567 | N.LALITHA |
| 31 | 13881A0570 | P.LAXMIKANTH REDDY |
| 32 | 13881A0571 | A.Lingesh |
| 33 | 13881A0575 | G.MANASA |
| 34 | 13881A0576 | A.Manasa Reddy |
| 35 | 13881A0577 | M.MANASA REDDY |
| 36 | 13881A0579 | K.Manisha Bai |
| 37 | 13881A0580 | CH.MANISHA SHIVANI |
| 38 | 13881A0582 | D.MOUNICA |
| 39 | 13881A0583 | K MOUNIKA |
| 40 | 13881A0588 | K.SHAMBHAVI |
| 41 | 13881A0589 | V.NANDANA |
| 42 | 13881A0593 | S NEEHARIKA |
| 43 | 13881A0599 | P.NIKITHA |
| 44 | 13881A05A1 | K.PALLAVI |
| 45 | 13881A05A8 | K PRANITHA SHARMA |
| 46 | 13881A05B3 | Priyanka.B |
| 47 | 13881A05B4 | G.Priyanka |
| 48 | 13881A05B6 | B.Purna Chandra |
| 49 | 13881A05C1 | G.RAMYA |
| 50 | 13881A05C5 | P.REENA MARY |
| 51 | 13881A05C6 | T.Revathi |
| 52 | 13881A05C8 | D.Ritesh |
| 53 | 13881A05D0 | P.ROHIT |
| 54 | 13881A05D1 | J.ROHITH |
| 55 | 13881A05D9 | J. Sai Keerthi |
| 56 | 13881A05E0 | A.SAI KIRAN |
| 57 | 13881A05E1 | K.SAI KRISHNA |
| 58 | 13881A05E2 | N.SaiKrishna |
| 59 | 13881A05E3 | SAI KUMAR.T |
| 60 | 13881A05E5 | A. Sai Lakshmi |
| 61 | 13881A05E8 | N.S.N.ABHISHEK |
| 62 | 13881A05F0 | T.SAI PRAKASH REDDY |
| 63 | 13881A05F4 | SAI SRUJAN.G |
| 64 | 13881A05F6 | N.SAI TEJA |
| 65 | 13881A05F7 | SAI TEJA.P |
| 66 | 13881A05G1 | KALYANKAR SAI KIRAN |
| 67 | 13881A05G3 | SAI PRAKASH .M |
| 68 | 13881A05G4 | P.SAMPATH KUMAR |
| 69 | 13881A05H1 | SWAMY SANTHOSH |
| 70 | 13881A05H5 | I.Satish |
| 71 | 13881A05H6 | C.Shanthan |
| 72 | 13881A05H9 | SHIVA KRISHNA.K |
| 73 | 13881A05J1 | D.SHIVA KUMAR GOUD |

| 74 | 13881A05J2 | M.SHIVANI |
|---|---|---|
| 75 | 13881A05J4 | K.SHRAVYA |
| 76 | 13881A05J5 | G.Sirisha |
| 77 | 13881A05J6 | B.SNEHA |
| 78 | 13881A05J7 | SNEHA.R |
| 79 | 13881A05J8 | S.Soumya |
| 80 | 13881A05J9 | S.SOUNDARYA |
| 81 | 13881A05K0 | P.SOWJANYA |
| 82 | 13881A05K1 | B.SOWJANYA |
| 83 | 13881A05K2 | T.SOWMYA |
| 84 | 13881A05K3 | A.SRIKANTH |
| 85 | 13881A05K3 | K.SPOORTHY |
| 86 | 13881A05K5 | M.SRIVARSHA |
| 87 | 13881A05K9 | P.Srinath |
| 88 | 13881A05L0 | Sumedha Gaddam |
| 89 | 13881A05L1 | A SURENDHAR |
| 90 | 13881A05L4 | SWAPNIKA.G |
| 91 | 13881A05L5 | T.TARUN |
| 92 | 13881A05L6 | B TEJASWI |
| 93 | 13881A05M0 | B.V Aditya Sagar |
| 94 | 13881A05M1 | P.VAISHNAVI |
| 95 | 13881A05M3 | P.Vamshitha |
| 96 | 13881A05M4 | K VAMSI KRISHNA |
| 97 | 13881A05M6 | G.VARNIKA |
| 98 | 13881A05M7 | K.VARUN |
| 99 | 13881A05N1 | G VENKAT VISHWAS REDDY |
| 100 | 13881A05N2 | A.SAHISHNA |
| 101 | 13881A05N3 | M.VENKAT |
| 102 | 13881A05N5 | YVSR SAMPATH |
| 103 | 13881A05N6 | M VENKATESH |
| 104 | 13881A05N8 | Dara.VidyaSree |
| 105 | 13881A05P0 | CH.VIJITHA REDDY |
| 106 | 13881A05P3 | A VINEEL BABU |
| 107 | 13881A05P5 | K.Vishwadha |
| 108 | 13881A05P6 | V Vishwa Teja |
| 109 | 13881A05P7 | N. Yeshwanth Reddy |
| 110 | 14881A0504 | A.KRANTHI REDDY |
| 111 | 14881A0510 | CH.KIRAN KUMAR |
| 112 | 14881A0513 | D.RAVIKRISHNA |
| 113 | 14881A0515 | D.Sruthi |
| 114 | 14881A0520 | G.Anusha |
| 115 | 14881A0521 | Govindu Surya |
| 116 | 14881A0523 | SAKETH REDDY |
| 117 | 14881A0536 | M.Manisha |
| 118 | 14881A0539 | MD.TAQIF |
| 119 | 14881A0553 | Sakshi P |
| 120 | 14881A0554 | Sanjana Seelam |

| 121 | 14881A0555 | s.susheen babu |
| --- | --- | --- |
| 122 | 14881A0557 | GEETHARDA |
| 123 | 14881A0562 | PRATHYUSHA AKULA |
| 124 | 14881A0564 | JOSHITHA |
| 125 | 14881A0571 | CH.GOPI |
| 126 | 14881A0579 | MOHANESH |
| 127 | 14881A0584 | SAI PHANIJA |
| 128 | 14881A0585 | k.venkat Pranay |
| 129 | 14881A0587 | m.vamshi |
| 130 | 14881A0590 | PRIYANKA |
| 131 | 14881A0596 | SNEHA |
| 132 | 14881A0599 | N.C.VINEETH |
| 133 | 14881A05A3 | SUMANA |
| 134 | 14881A05A4 | RAMYA |
| 135 | 14881A05A6 | RICHA NIGAM |
| 136 | 14881A05A7 | DEEPTHI |
| 137 | 14881A05B1 | PRANAVI |
| 138 | 14881A05B2 | S VAMSI |
| 139 | 14881A05B6 | v.dheeraj |
| 140 | 14881A05B8 | V.Rajini |
| 141 | 14881A05B9 | SUSHMA |
| 142 | 14881A05C2 | A.DINAKAR SAI PRANEETH |
| 143 | 14881A05C5 | A.Sreeja |
| 144 | 14881A05C6 | Avinash Kamal |
| 145 | 14881A05D9 | PRANEETHCHANDRA.D |
| 146 | 14881A05E2 | GR.MANIKAMAL REDDY |
| 147 | 14881A05E4 | SAI TEJA.H |
| 148 | 14881A05E5 | Sashidhar |
| 149 | 14881A05E7 | PRANAV KUMAR.K |
| 150 | 14881A05F3 | M.pravalika |
| 151 | 14881A05F5 | M.NIKHIL |
| 152 | 14881A05G1 | MD.RAFI UDDIN |
| 153 | 14881A05H0 | S.Nikitha |
| 154 | 14881A05H4 | S.BHARGAV |
| 155 | 14881A05H6 | U.Rishitha |
| 156 | 14881A05H9 | Vishnu V |
| 157 | 14881A05J0 | V.SRIKAR |
| 158 | 14881A05J1 | A MOUNICA REDDY |
| 159 | 14881A05J2 | AARTI JAIN |
| 160 | 14881A05J3 | M.ABHILASH REDDY |
| 161 | 14881A05K0 | B.VISHNU VARDHAN CHARY |
| 162 | 14881A05K1 | D.GURU CHARAN |
| 163 | 14881A05K2 | D.SAKETH REDYY |
| 164 | 14881A05K4 | G.MOUNIKA |
| 165 | 14881A05K5 | Kranthi Shourya |
| 166 | 14881A05K9 | K.BHARATH |
| 167 | 14881A05L0 | K.SHIRISHA |

| 168 | 14881A05L1 | NIKHIL VAMSHI |
|-----|------------|---------------|
| 169 | 14881A05L2 | K.PRATHYUSHA |
| 170 | 14881A05L3 | K.SAI RAMAN |
| 171 | 14881A05M0 | N.BHANODAYA REDDY |
| 172 | 14881A05M1 | N.SHASHIDHAR REDDY |
| 173 | 14881A05M4 | P.VIJAY KRISHNA |
| 174 | 14881A05M6 | ROHIT CHOWDARY |
| 175 | 14881A05M8 | P.HEMALATHA |
| 176 | 14881A05N1 | V,RAMKUMAR |
| 177 | 14881A05N3 | S.SHRAAVAN SANTHOSH |
| 178 | 14881A05N4 | S.ARJUN REDDY |
| 179 | 14881A05N5 | Kareem Imran |
| 180 | 14881A05N7 | S.LIKHIT REDDY |
| 181 | 14881A05N8 | TANISHQ JAIN |
| 182 | 14881A05N9 | T.NAVANIKA |
| 183 | 14881A05P2 | V.AMRITHA |
| 184 | 14881A05P3 | V MANASWI |
| 185 | 14881A05P4 | V SUVIDHA |

IT STUDENTS:

| S.NO | ROLL NUMBER | STUDENT NAME |
|------|-------------|--------------|
| 1 | 12881A1255 | Puneeth |
| 2 | 12881A1261 | M.Sahasrajit |
| 3 | 13881A1203 | B.aishwarya reddy |
| 4 | 13881A1206 | T.AKHIL REDDY |
| 5 | 13881A1208 | V.Akshitha Reddy |
| 6 | 13881A1209 | D.Alekhya Mallika |
| 7 | 13881A1210 | P.Amulya |
| 8 | 13881A1211 | M.ANIRUDH KUMAR |
| 9 | 13881A1212 | k.anusha |
| 10 | 13881A1214 | B.Arun kumar |
| 11 | 13881A1215 | N.Bhagavathi Prasad |
| 12 | 13881A1216 | V BHARGAV |
| 13 | 13881A1217 | A.Bhuvan Reddy |
| 14 | 13881A1218 | P.Chaitanya |
| 15 | 13881A1220 | K.Deepthi |
| 16 | 13881A1223 | C.Gayatri Amulya |
| 17 | 13881A1225 | V.Harshitha |
| 18 | 13881A1226 | D.Himasree |
| 19 | 13881A1227 | T.Sindhura |
| 20 | 13881A1231 | R.Madhu Priya |
| 21 | 13881A1232 | P.Madhuri |
| 22 | 13881A1233 | P.MAHESH |
| 23 | 13881A1234 | B.Manasa |
| 24 | 13881A1236 | S.M.Harshini |
| 25 | 13881A1237 | Meenakshi Reddy Bethi |

| 26 | 13881A1238 | P.Meghana |
|----|------------|-----------|
| 27 | 13881A1239 | P.Meher Asees |
| 28 | 13881A1241 | K.Mounika |
| 29 | 13881A1242 | V.Mounika |
| 30 | 13881A1244 | M.Naveena |
| 31 | 13881A1245 | T.Navyasri |
| 32 | 13881A1246 | MD NEHAL KHAN |
| 33 | 13881A1247 | D.Nikitha |
| 34 | 13881A1250 | SHUBHAM PAZAREY |
| 35 | 13881A1251 | K.Pramod Kumar |
| 36 | 13881A1257 | B.Pratibha |
| 37 | 13881A1259 | RAMYA.T |
| 38 | 13881A1260 | RAMYA.U |
| 39 | 13881A1263 | ROHITHREDDY.S |
| 40 | 13881A1264 | SAI VENKATA SUJITH.K |
| 41 | 13881A1269 | S.SAI MANOJ |
| 42 | 13881A1275 | V.Sandeep Kumar |
| 43 | 13881A1277 | SANTHOSH KUMAR.K |
| 44 | 13881A1280 | P.Shravya |
| 45 | 13881A1282 | A.UTTEJ |
| 46 | 13881A1284 | K.Srikanth |
| 47 | 13881A1285 | C.Srinivas |
| 48 | 13881A1286 | G.SUDHAMSH |
| 49 | 13881A1289 | SWAPNA.P |
| 50 | 13881A1293 | M.VAMSHI |
| 51 | 13881A1294 | Varun Raj |
| 52 | 13881A1298 | KV.BALASUBRAMANYAM |
| 53 | 13881A1284 | V MOUNIKA |
| 54 | 14881A1208 | CHANDAN M KALYANI |
| 55 | 14881A1211 | Deeparth Gupta |
| 56 | 14881A1220 | I.VARUN KUMAR |
| 57 | 14881A1227 | M.Bhrathraj |
| 58 | 14881A1242 | N.JAHNAVI |
| 59 | 14881A1244 | P.Kumudha Reddy |
| 60 | 14881A1247 | Shaila Sri |
| 61 | 14881A1248 | PONUGTI KARTHIK |
| 62 | 14881A1251 | S.PAVANI |
| 63 | 14881A1255 | T.Pooja |
| 64 | 14881A1256 | T.MAITRI SREE |
| 65 | 14881A1257 | UPPALAPATI SAI NANDAN |
| 66 | 14881A1263 | Abhijith Nair |
| 67 | 14881A1266 | SAIKIRAN.A |
| 68 | 14881A1268 | ANKITH SHARMA |
| 69 | 14881A1269 | ASRITH.A |
| 70 | 14881A1273 | Harshit Sastha |
| 71 | 14881A1276 | CH.MAHATHI |
| 72 | 14881A1277 | C.SRIVEDAA |

| 73 | 14881A1284 | G.Rohith |
|----|------------|----------|
| 74 | 14881A1286 | K.L.T.ANJANA |
| 75 | 14881A1289 | K.Uthhej |
| 76 | 14881A1290 | M.SUDHA REDDY |
| 77 | 14881A1294 | NAZIA BANU |
| 78 | 14881A1297 | P.DEEPTHI |
| 79 | 14881A12A0 | R Nipun |
| 80 | 14881A12A3 | SAI SRUTI.D |
| 81 | 14881A12A4 | S.DHANALAKSHMI |
| 82 | 14881A12A6 | T.ALEKHYA |

**ECE STUDENTS:**

| S.NO | ROLL NUMBER | STUDENT NAME |
|------|-------------|--------------|
| 1 | 12881A0450 | G.HARISRI |
| 2 | 12881A0464 | K.KAVITHA |
| 3 | 12881A04J8 | SREEJITH REDDY |
| 4 | 12881A04K4 | SRIKANTH VARMA |
| 5 | 12881A04L8 | MD TALHA UDDIN |
| 6 | 12881A04M3 | CH.VAMSHI |
| 7 | 12881A04M5 | VAMSHIDHAR REDDY |
| 8 | 12881A04N4 | TVIJAYUDU |
| 9 | 12881A04N6 | VIKRAM SINGH |
| 10 | 12881A04P1 | MOHD YAKHUB |
| 11 | 12881A04P4 | P YESWANTH |
| 12 | 13881A0401 | M.ABHILASH |
| 13 | 13881A0403 | L.Abhishek |
| 14 | 13881A0406 | Aishwarya Bannai |
| 15 | 13881A0407 | P.Ajay Kumar |
| 16 | 13881A0409 | Akhila Nari |
| 17 | 13881A0410 | Akhila Rachamalla |
| 18 | 13881A0414 | E.Amarnath Reddy |
| 19 | 13881A0419 | Anusha Manda |
| 20 | 13881A0420 | MB Padma Sri |
| 21 | 13881A0422 | R.Bhanu Prasad |
| 22 | 13881A0426 | R.Brahmashwini |
| 23 | 13881A0428 | p.chandana |
| 24 | 13881A0432 | B.Chandralekha |
| 25 | 13881A0433 | R.Deep Sai Tej |
| 26 | 13881A0435 | Deepika Arakala |
| 27 | 13881A0437 | V.Dharanireddy |
| 28 | 13881A0438 | M.Dhayaker Reddy |
| 29 | 13881A0439 | V.Dileepkumar |
| 30 | 13881A0445 | GNANA SHEKHAR |
| 31 | 13881A0446 | D.GREESHMA |
| 32 | 13881A0447 | M.Harish Reddy |
| 33 | 13881A0449 | A.Maneesha |
| 34 | 13881A0452 | JITHENDER NAIK |

| 35 | 13881A0453 | DHRUB BHARALI |
|----|------------|---------------|
| 36 | 13881A0456 | KARHTIK PARSHI |
| 37 | 13881A0457 | MD KHAJA AVASE |
| 38 | 13881A0461 | C.Krishnasri |
| 39 | 13881A0465 | B.LOKESH REDDY |
| 40 | 13881A0470 | K.Maithili Reddy |
| 41 | 13881A0474 | B MANOJ KUMAR |
| 42 | 13881A0478 | MOHAN CH |
| 43 | 13881A0482 | G.NARESH |
| 44 | 13881A0487 | M.Neha |
| 45 | 13881A0498 | S PHANINDRA |
| 46 | 13881A04A4 | D.PRAVEEN |
| 47 | 13881A04B1 | CH PRUDHVIDHAR |
| 48 | 13881A04B5 | G.Rahul |
| 49 | 13881A04B6 | M RAHUL |
| 50 | 13881A04B7 | k RAHUL REDDY |
| 51 | 13881A04C2 | G.rajesh |
| 52 | 13881A04C3 | RAJESHWARI.A |
| 53 | 13881A04C4 | G.RAJU |
| 54 | 13881A04C6 | P.RAKESH |
| 55 | 13881A04C9 | Ch.Ravi Chandra |
| 56 | 13881A04D0 | K.RAVI TEJA |
| 57 | 13881A04D1 | S.RAVITEJA |
| 58 | 13881A04D3 | J.Renuka |
| 59 | 13881A04D4 | K. RISHITH REDDY |
| 60 | 13881A04D5 | MD. RIYAZ UDDIN |
| 61 | 13881A04D6 | P.ROHIT |
| 62 | 13881A04D9 | M.SaiBhavani |
| 63 | 13881A04E0 | M.SAI CHANDAN |
| 64 | 13881A04E4 | A.SAI KUMAR REDDY |
| 65 | 13881A04E5 | V.SaiPreethi |
| 66 | 13881A04E7 | K.Sai Santhosh |
| 67 | 13881A04F0 | T.Sai Charan |
| 68 | 13881A04F1 | G.SAI DHAR |
| 69 | 13881A04F4 | B.SAI TEJA |
| 70 | 13881A04F5 | SAMYUKTHA |
| 71 | 13881A04F6 | V.SANJITH KUMAR |
| 72 | 13881A04F7 | J.Santhosh kumar |
| 73 | 13881A04F9 | K.Sathish kumar |
| 74 | 13881A04G0 | K.satwik |
| 75 | 13881A04G2 | Ch. SATYA NARAYANA |
| 76 | 13881A04G5 | M Shashi kumar reddy |
| 77 | 13881A04G7 | B SHIVA KUMAR |
| 78 | 13881A04G8 | SHIVANI |
| 79 | 13881A04H0 | N.shravan kumar |
| 80 | 13881A04H1 | P.SHRAVANTHI |
| 81 | 13881A04H6 | M.Sindhu |

| 82 | 13881A04H7 | B.Sirisha |
|-----|------------|-----------|
| 83 | 13881A04H9 | B.Snigdha |
| 84 | 13881A04J0 | SPANDANA.MENTA |
| 85 | 13881A04K1 | K.SRINIVASA ASWIN |
| 86 | 13881A04L8 | G.VASAVI |
| 87 | 13881A04N7 | P.VIVEK |
| 88 | 13881A04P1 | M.YATHINDRSNATH |
| 89 | 13881A04E8 | P.SAI SRINIVAS YADAV |
| 90 | 14881A0409 | Avinash |
| 91 | 14881A0414 | Aravind |
| 92 | 14881A0417 | G.Venkatesh |
| 93 | 14881A0429 | K.Narasimha |
| 94 | 14881A0434 | N.Abhilash |
| 95 | 14881A0443 | P.GOPALA KRISHNA |
| 96 | 14881A0444 | P.VAMSI KRISHNA |
| 97 | 14881A0445 | S.AKHILA |
| 98 | 14881A0458 | V.NIRISHA |
| 99 | 14881A0483 | K.Shiva Teja |
| 100 | 14881A0494 | M.Sai Ram |
| 101 | 14881A0498 | N.Sai Vamshi |
| 102 | 14881A0498 | N.Akash |
| 103 | 14881A04A2 | Srivasthava |
| 104 | 14881A04B2 | T.LOUKYA |
| 105 | 14881A04B3 | T.Aneesh |
| 106 | 14881A04B7 | Y.Yashvanth |
| 107 | 14881A04H1 | R.ADITYA NAIK |
| 108 | 14881A04J1 | A ROSHINI REDDY |
| 109 | 14881A04j2 | a.shashank bharadwaj |
| 110 | 14881A04J3 | A.Sri Sai Maneesh |
| 111 | 14881A04J9 | Harish |
| 112 | 14881a04L3 | i.sai sampreeth |
| 113 | 14881A04L8 | M.B.ABHISHIKTH |
| 114 | 14881A04M1 | M.Anurag |
| 115 | 14881A04M8 | PSR.Keyur |
| 116 | 14881A04n4 | srinath singh |
| 117 | 14885A0401 | N.Aishwarya |
| 118 | 14885A0402 | Akash Sen |
| 119 | 14885A0404 | K.BHANU PRAKASH |
| 120 | 14885A0405 | G.Deeksha |
| 121 | 14885A0409 | KALAL GOVARDHANGOUD |
| 122 | 14885A0411 | M.Harika |
| 123 | 14885A0415 | M.Komal |
| 124 | 14885A0419 | G MANU PRAKASH |
| 125 | 14885A0421 | S.Mounica |
| 126 | 14885A0424 | A NIKIL |
| 127 | 14885A0426 | V.PAVAN KALYAN REDDY |
| 128 | 14885A0428 | K.RAJU |

| 129 | 14885A0433 | S.SAI VIKAS |
|-----|-----------|-------------|
| 130 | 14885A0434 | J SANJEEV |
| 131 | 14885A0435 | B SANTHOSH |
| 132 | 14885A0441 | P.Shravan |
| 133 | 14885A0443 | B.SIVA KUMAR REDDY |
| 134 | 14885A0444 | R.SRI HARSHA |
| 135 | 14885A0447 | M.Tarni |
| 136 | 14885A0451 | C V HARI KRISHNA |
| 137 | 14885A0454 | B.VINOD KUMAR |
| 138 | 14885A0455 | Vishal Aryan |

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| S.NO | ROLL NUMBER | STUDENT NAME |
|------|-------------|--------------|
| 1 | 12881A0210 | AKSHAY LATURKAR |
| 2 | 12881A0251 | G.PHANIDEEPAK |
| 3 | 13881A0202 | K.AJAY REDDY |
| 4 | 13881A0208 | A ANURAG |
| 5 | 13881A0212 | M ASHRITHA |
| 6 | 13881A0217 | V CHRISTINA HEPSIBA |
| 7 | 13881A0219 | CH.DEEPAK |
| 8 | 13881A0220 | N DIVYA |
| 9 | 13881A0223 | CH HARSHA VARDHAN REDDY |
| 10 | 13881A0233 | K LAVANYA |
| 11 | 13881A0240 | VNV AKHILA |
| 12 | 13881A0242 | CH NAVEEN CHANDRA |
| 13 | 13881A0244 | V NAVYA HARITHA |
| 14 | 13881A0245 | B NEELAVATHI |
| 15 | 13881A0272 | A SHINY |
| 16 | 14881A0269 | B.V.Sai kiran |
| 17 | 14881A0272 | C UDAY KIRAN REDDY |
| 18 | 14881A0276 | MANASA.G |
| 19 | 14881A0285 | Kaushik |
| 20 | 14881A0295 | N.VENKATESH SAGAR |
| 21 | 14881A02A0 | P.R.SAMANVITHA |
| 22 | 14881A02A4 | Sridhar |
| 23 | 14881A02A7 | S.JAYASREE |
| 24 | 14881A02A8 | S.RAVI KUMAR |
| 25 | 14881A02B2 | Vineeth |
| 26 | 14885A0203 | TEJA |
| 27 | 14885A0204 | CH JAGADEESH |
| 28 | 14885A0205 | D KIRAN KUMAR |

## 5. WORKSHOP SCHEDULE AND CONTENT:
The schedule for six day event was as follows:

| DAYS | SESSION | TOPICS | TRAINING |
|---|---|---|---|
| Day1 (05/08/15) | F.N | Introduction to .NET, introduction to visual studio | Theory |
| | A.N | Programming in C#.net, Programming using windows Forms | Hands ON |
| Day 2 (06/08/15) | F.N | Introduction to Windows 8,Introduction windows 8 Apps, Basic programming in Windows 8 Apps | Theory Hands ON Hands ON |
| | A.N | Programming in Windows 8 Apps | Hands ON |
| Day3 (07/08/15) | F. N | Programming using Windows 8 Controls | Hands ON |
| | A.N | Programming using Windows 8 Controls | Hands ON |
| Day4 (08/08/15) | F. N | Programming using Windows 8 Controls | Hands ON |
| | A.N | Programming using Windows 8 Controls | Hands ON |
| Day5 (09/08/15) | F. N | Dynamic App development | Hands ON |
| | A.N | .NET Fundamentals MTA Course | Theory |
| Day6 (10/08/15) (11/08/15) | 24 Hrs | HACKTHON | Practical |

# HACKATHON

## APP DEVELOPMENT CONTEST

with your Creative Thoughts

24 Hrs

Time:
11:00am
to 11:am

only Apps...!
Code Fun Code
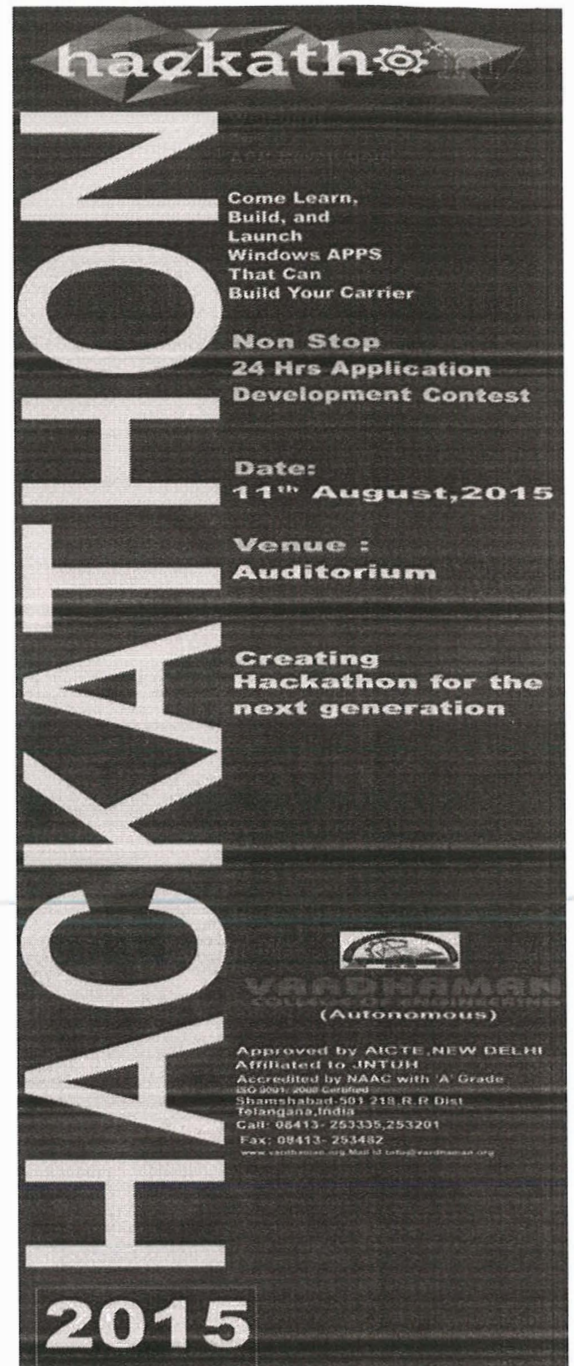
## 6. HACKATHON:

The 24 hrs non-stop windows application development contest began on 10th Aug, 2015 at 11 AM which is continued up to 11 AM on 11th AUG, 2015.

The Hackathon Contest started with guidelines given by DevmenIT instructor Mr. Naga Kumar and his team.

The students immediately started the App Development with their creative thoughts. The students continued to transform their creative thoughts into Windows applications till contest ends. In the 24hr journey of APPLICATION DEVELOPMENT CONTEST, the students are not only buzzed with programming but also with entertainment and food carnival.

## 7. RESULTS:

# HACKATHON WINNERS

**1**

Team: YellowRoSe_Apple
Y.Yashvanth   14881A04B7
N.Sai Vamshi  14881A0498
K.Shiva Teja  14881A0483

**2**

Team: DATESFLORA
M.SRIVARSHA  13881A05K5
B.SOWJANYA   13881A05K1
K.SHRAVYA    13881A05J4

**3**

Team:JACKJASMINE
K.RISHITH REDDY   13881A0404
M.SAI CHANDAN     13881A04ED
R.SRIHARSHA       14885A0444

**4**

Team : BLUETULIPS
K PRANITHA SHARMA
           13881A05A8
S NEEHARIKA   13881A0593
B KEERTHI     13881A0561

**5**

Team : LILPINE PERSPECTIVE
K VAMSI KRISHNA 13881A05M4
A VINEEL BABU    13881A05P3
YVSR SAMPATH     13881A05N5

**6**

Team: ROCUST
(Complimentary) B.SIVA
KUMAR REDDY      14885A0443
S.SAI VIKAS      14885A0433
V.PAVAN KALYAN REDDY
14885A0426

**Winning Teams:**

| Sl.No | Team Name | Name | Roll No |
|-------|-----------|------|---------|
| 1 | YellowRose_Apple | Y.Yashvanth | 14881A04B7 |
| | | N.Sai Vamshi | 14881A0498 |
| | | K.Shiva Teja | 14881A0483 |
| 2 | DATESFLORA | M.SRIVARSHA | 13881A05K5 |
| | | B.SOWJANYA | 13881A05K1 |
| | | K.SHRAVYA | 13881A05J4 |
| 3 | JACKJASMINE | K. RISHITH REDDY | 13881A04D4 |
| | | M.SAI CHANDAN | 13881A04E0 |
| | | R.SRI HARSHA | 14885A0444 |
| 4 | BLUETULIPS | K PRANITHA SHARMA | 13881A05A8 |
| | | S NEEHARIKA | 13881A0593 |
| | | B KEERTHI | 13881A0561 |
| 5 | LILPINE PERSPECTIVE | K VAMSI KRISHNA | 13881A05M4 |
| | | A VINEEL BABU | 13881A05P3 |
| | | YVSR SAMPATH | 13881A05N5 |
| 6 | ROCUST(Complimentary) | B.SIVA KUMAR REDDY | 14885A0443 |
| | | S.SAI VIKAS | 14885A0433 |
| | | V.PAVAN KALYAN REDDY | 14885A0426 |

## 8. GALLERY:
**Motivational Talks :**
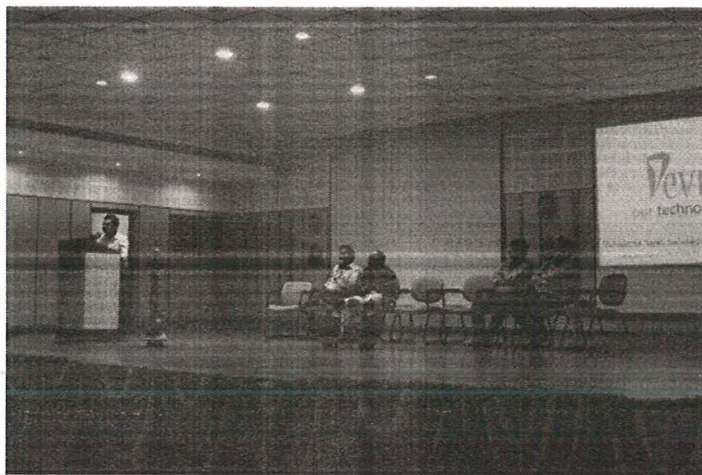




**Instructors Team:**
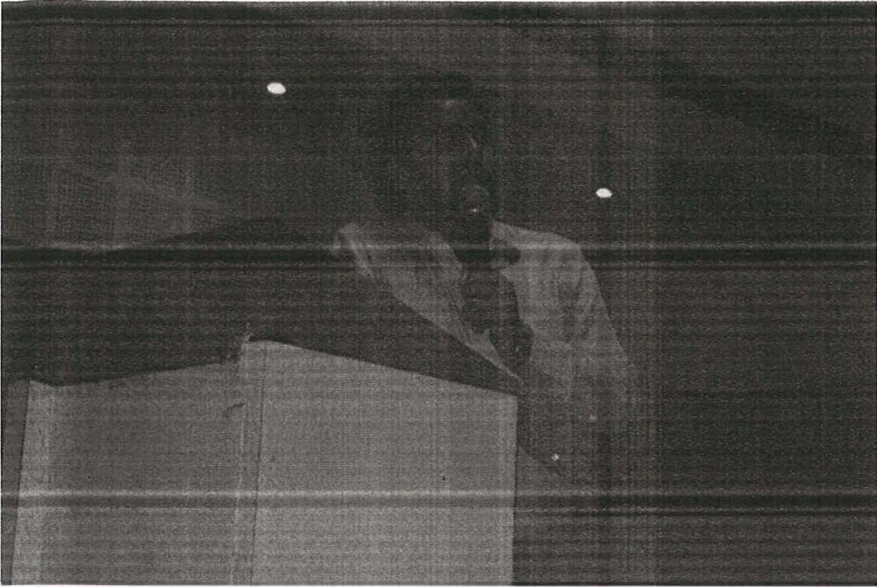
**Students getting ready for App Creation:**

**Student creations being examined:**
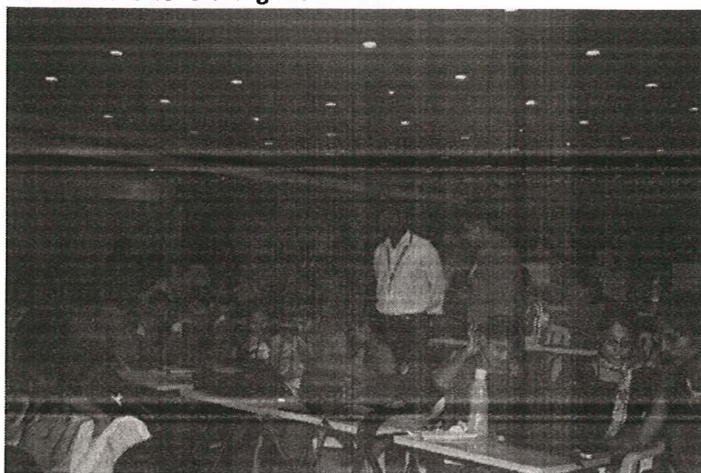
**Getting relaxed from programming vexed brains by an entertainment booster given by First Year Students:**
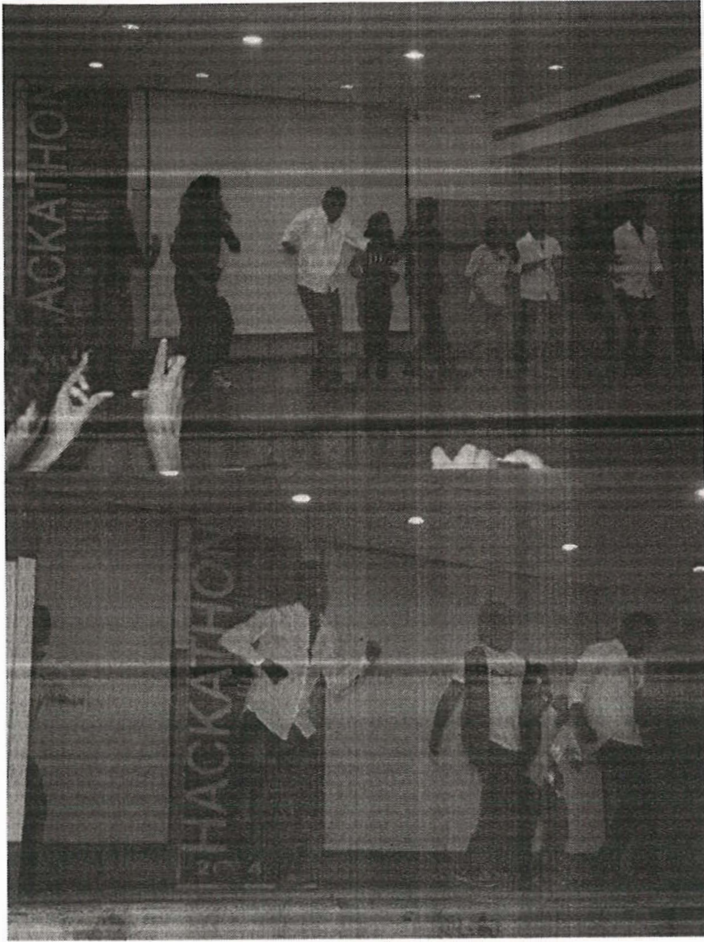
## 9. Committee:

### Chief Patron

Dr. T.Vijender Reddy (Chairman)

Sri. T. Uppender Reddy (Secretary)

Sri. M.Rajasekhar Reddy (Vice Chairman)

Sri. E.Prabakar Reddy (Treasurer)

### Patron

Dr. S. Sai Satyanarayana Reddy (Principal)

### Conveners

Dr. H.Venkateswara Reddy, HOD, CSE.

Dr. M. Gopi Chand, HOD, IT

Prof. Y. Pandurangaiah, HOD, ECE

Dr. D. Swathi, HOD, EEE

### Advisory Committee

Prof.K.Deepak, HOD, ME

Prof.N.Srinivasa Reddy, HOD, AE

Prof.Y.Raghava Rani, HOD, CE

Dr.V.SreeHari, HOD, MBA

Dr.P.Sarah, HOD, H&S

All Deans & STAFF..

### Coordinators

Mr. K.Srinivas, Assistant professor of CSE

Mr.P.Buddha Reddy, Assistant professor of IT

## Organizing Committee:

Mr.Vivek Kulakarni, Associate Professor of CSE

Mr.Md.Asif, Associate Professor of EEE

Mr. Y. Vijay Bhaskar Reddy, Assoc. Prof of CSE

Mr. S. Venu Gopal, Associate Professor of CSE

Mr.K.Prabhakar, Associate Professor of IT

Ms.S.Sujana, Associate Professor of ECE

Ms.A.Annapurna, Assistant Professor of CSE

Ms.P.Tanuja, Assistant Professor of CSE

Ms.G.Nagamani, Assistant Professor of CSE

Mr.E.Ravi Kumar, Assistant Professor (sr.) of IT

Mr.D.Naveen, Assistant Professor of IT

Ms.S.Swathi, Assistant Professor of IT

Mr. B.Srikanth, Assistant Professor of ECE

Mr.YuvaRaj, Assistant Professor of ECE

Mr.Praveen, Assistant Professor of ECE

# THANK YOU

# DevmenIT

**Microsoft** Partner

## CERTIFICATE OF PARTICIPATION

This certifies that ............ C. shanthan (1388|A05H6) ........................was an active participant

at...... Vardhaman College of Engineering .......... on ..... 05th - 11th August, 2015.... and has sucessfully

completed .......... 06 ..........days of training in ..... Windows Store App Development .....,

KNK Naidu
CEO & Co- Founder
DevmenIT, Hyderabad

# DevmenIT

**Microsoft** Partner

## CERTIFICATE OF PARTICIPATION

This certifies that ............... N. Sai krishna (1388/A05E1) ..................was an active participant

at.......Vardhaman College of Engg................. on ....05th – 11th August 2015..... and has sucessfully

completed ...........06.......days of training in Windows Stole 8 app developoret

*K N K Naidu*
CEO & Co- Founder
DevmenIT, Hyderabad

# CERTIPORT

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### Exams

98-361: MTA: Software Development Fundamentals (C#)        Passed        1/19/2016
  **Administered by:** Vardhama College of Engineering
  **Language:** English

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# VARDHAMAN COLLEGE OF ENGINEERING

**(AUTONOMOUS)**

Shamshabad - 501 218, Hyderabad

**DEPARTMENT OF INFORMATION TECHNOLOGY**

2$^{nd}$ January 2015

## CIRCULAR

All the faculty members of Information Technology & Computer Science and Engineering departments are here by informed that, a One Week Faculty Development Programme on **"Research Trends in Computer Science and Engineering"** is to be conducted from 5$^{th}$-11$^{th}$ January, 2015. Interested members are requested to attend and utilize the FDP Programme.

## ABOUT THE COLLEGE

Vardhaman Engineering College was established in the year 1999. The Institution aims at imparting quality education to students in Engineering and Technology & Business Management. The focus is on fully fledged development of the students besides excellence in academics.

Since the inception, the institution has been soaring high with its rich tradition of academic environment and on excellent infrastructure with dedicated, experienced and highly qualified faculty. The institute offers CSE, IT, EEE, ECE, Mechanical, Civil and AERO at Bachelor's Level. MCA, MBA &M.Tech CSE, SE, ES, WMC, DECS and PEED at Post Graduate level.

## ABOUT THE DEPARTMENT'S

Information Technology and Computer Science &Engineering have totally changed the complexion of the quality of life today, with so much of innovative research and development projects impacting everyday life. The scale of the achievement comes from the ability to integrate computer technology with communication technology. Information Technology and Computer Science and Engineering departmentswere established in 1999 with an intake of 60& 120.

Information Technology is headed by Dr. M Gopi Chand and Computer Science and Engineering is headed by Prof. H. Venkateswara Reddy a senior professor with teaching experience and is ably supported 66 well-qualified vibrant faculties, which includes 3 professors, 11 Associate professors and 52 Assistant professors. These programs have been accredited by the National Board of Accreditation (NBA) since 2009.

The department employs modern teaching aids and methodologies helping the students to keep abreast of the latest trends worldwide with updated infrastructure in tune with emerging technologies & future requirements.

## CHIEF PATRONS

**Dr. T.Vijender Reddy** (Chairman)
**Sri. T. Uppender Reddy** (Secretary)
**Sri. M.Rajasekhar Reddy** (Vice Chairman)
**Sri.E.Prabakar Reddy** (Treasurer)

## PATRON

**Dr. S.SaiSatyanarayana Reddy**
(Principal)

## CONVENERS

**Dr. M. Gopi Chand**, HOD IT.
**Prof. H. Venkateswara Reddy**, HOD CSE

## RESOURCES PERSONS

Resources Persons are from IITs, IIITs,NITs, HCU, JNTU and Industry.

## ORGANIZATION COMMITTEE

All Faculty members of IT & CSE

One WeekFacultyDevelopment Programme

On

# Research Trends in Computer Science & Engineering

$(5^{th} - 11^{th}$ January, 2015)
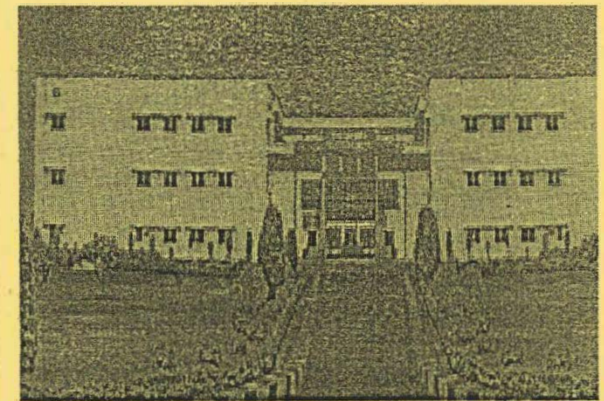


Organized by

**DEPARTMENTS OF**

**INFORMATION TECHNOLOGY**
**&**
**COMPUTER SCIENCE AND ENGINERING**

**VARDHAMAN COLLEGE OF ENGINEERING**
(Autonomous)
Shamshabad – 501 218, Hyderabad

## ABOUT THE FDP

The main objective of this faculty development programme is toinculcate awareness among the faculty and Researchers, towardsmajor challenging areas of Computer Science and Engineering.In the last two decades there has been tremendous technological development and research in Computer Science. The outcome of Research and Development needs to be shared with teachingfraternity.

## COURSE CONTENT

- Software Engineering
- Data Warehousing and Data Mining
- Image Processing
- Grid and Cloud Computing
- Network Security
- Mobile Computing
- Big Data Analytics

## TARGET AUDIENCE

The Course is designed for the Faculty Members, Research Scholars and PG Students of Information Technology & Computer Science and Engineering in the Intuitions affiliated to JNTUH.

## REGISTRATION FEE

Academicians/ Faculty - 500

Research scholar/Student – 250

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Faculty Development Programme
On

# Research Trends in Computer Science and Engineering

5th – 11th January, 2015

## REGISTRATION FORM

1. Name :

2. Designation :

3. Department :

4. Qualifications :

5. Teaching Experience :

6. Name of the Institution :

7. Mobile No :

8. E-mail ID :

Signature of the Applicant

## SPONSORSHIP BY THE HEAD OF THE INSTITUTION

This is to certify that Mr. /Ms._____ of _____ is Sponsored to Participate in the Faculty Development Programme on Recent Trends in Computer Science and Engineeringduring5th – 11th January, 2015at VardhamanCollegeof Engineering, Kacharam, Hyderabad.

Signature of a Principal

---

## ADDRESS FOR COMMUNICATION

**Dr. M. Gopi Chand**
Professor& Head
Department of Information Technology
Vardhaman College of Engineering
Karcharam, Hyderabad
Email ID: gopi_merugu@yahoo.com
Mobile No: +91 9849042448

**Mr. H. Venkateswara Reddy**
Professor& Head
Department of Computer Science &Engineering
Vardhaman College of Engineering
Kacharam, Hyderabad
Email ID: h.venkateswarareddy@vardhaman.org
Mobile No: +91 9491872367

## Route Map

# Faculty Development Programme Organized By Departments of Information Technology and Computer Science & Engineering
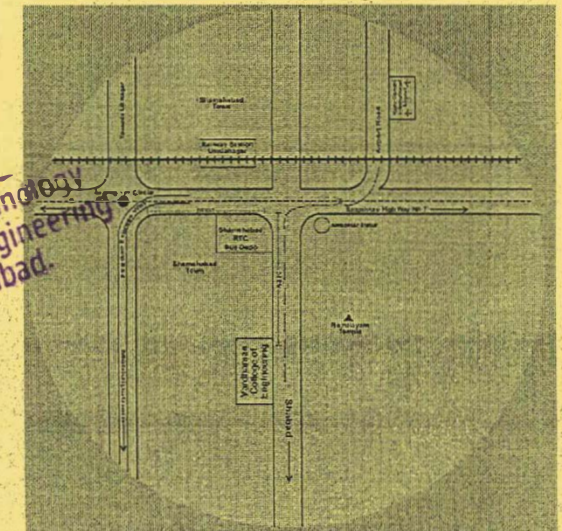
## "Research Trends in Computer Science & Engineering"

From 5th to 11th 2015

| Sl. No. | Date | Session-I (10:00 to 11:15) | | Session-II (11:25 to 12:40) | | Session-III (13:30 to 14:45) | | Session-IV (15:00 to 16:15) |
|---|---|---|---|---|---|---|---|---|
| 1 | 05-01-2015 | Inaugural Session | Tea Break | Keynote Speaker | Lunch Break | Dr.Vijaya Kumar | Tea Break | Dr. Vijay Kumar |
| 2 | 06-01-2015 | Dr.G.Sagar | | Dr. G.Sagar | | Prof.Vivek Kulakarni | | Prof. Vivek Kulakarni |
| 3 | 07-01-2015 | Dr.P.Krishna Reddy | | Dr.P.Krishna Reddy | | Dr. C.Krishna Mohan | | Dr. C.Krishna Mohan |
| 4 | 08-01-2015 | Dr.K.Madhavi | | Dr.K.Madhavi | | Dr.Moiz Quaiser | | Dr.Moiz Quaiser |
| 5 | 09-01-2015 | Dr. O.B.V.Ramanaih | | Dr. O.B.V.Ramanaih | | Dr. C.R.Rao | | Dr. C.R.Rao |
| 6 | 10-01-2015 | Dr. S.Viswanatha Raju | | Dr. S.Viswanatha Raju | | Dr. T.V.Rajanikanth | | Dr. D.Sudheer Reddy |
| 7 | 11-01-2015 | **Local Visit** | | **Local Visit** | | **Local Visit** | | **Local Visit** |

# Names, Affiliations and Topics to be covered by Experts

| Sl No. | Name | Designation | Topic |
|---|---|---|---|
| 1 | Dr.A.Govardhan | Professor & Director SIT, JNTUH, Hyderabad | Research Methodology |
| 2 | Dr.C.Krishna Mohan | Associate Professor IIT Hyderabad | Image Processing |
| 3 | Dr.P.Krishna Reddy | Professor IIIT Hyderabad | Data Mining |
| 4 | Dr.O.B.V.Ramanaiah | Professor JNTUH Hyderabad. | Mobile Computing |
| 5 | Dr. S.Viswanatha raju | Professor & Head JNTHUCE Jagityala | Data Mining |
| 6 | Dr. C.R.Rao | Professor HCU, Hyderabad | Data Mining |
| 7 | Dr. V.Vijay Kumar | Professor CSE CVSR Hyderabad. | Image Processing |
| 8 | Dr.K.Madhavi | Professor & Head of the Department CSE, SVCE, Suryapet. | Model Driven Software Engineering |
| 9 | Dr. T.V.Rajanikanth | Professor in CSE SNIT, Hyderabad | Data Warehousing |
| 10 | Dr. D.Sudheer Reddy | Scientist Engineer ADRIN, Hyderabad | Image processing |
| 11 | Dr. G.Sagar | Professor CSE, VCE Hyderabad | Image Processing |
| 12 | Prof. Vivek Kulakarni | Professor CSE, VCE, Hyderabad | Software Testing |
| 13 | Dr.Moiz Quaiser | Prof & Head of the Department CSE MJCE Hyderabad | Software Engineering |

# VARDHAMAN COLLEGE OF ENGINEERING

(Autonomous)

Shamshabad-501 218, Hyderabad

## DEPARTMENT OF INFORMATION TECHNOLOGY

A One Week
**Faculty Development Program**
On
**Research Trends in Computer Science and Technology**

Topic: <u>Image Processing By Dr.V.Vijay Kumar</u> (Session 2)          Date: 5th January 2014

| S.NO | Name of the Participant | Designation | Signature |
|------|------------------------|-------------|-----------|
|      | B. Suretha kma | Asst. Prof | RS |
|      | Y. Venkata suma Reddy | Professor | Hur |
|      | T. Nishitha | Asst. prof | Risto |
|      | D- Ganesh | Asst. Prof | D'203 |
|      | S. Nagarjuna Redy | Akst prof | |
|      | G. Deepa Rani | Asst. Prof | |
|      | G. Sindhuri | Asst Prof | Sindh |
|      | S. Swathi | Asst. prof | Swathi |
|      | B. Sowanya Rani | Asst. prof | BShe |
|      | G. Dilip Kumar | " | Yopu |
|      | P. Priyanka | Asst. prof | Priyanka |
|      | E.R. Anna. | Associate prof | |
|      | Vinod Bhupathi | Asst. Professor | Vinod |
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# VARDHAMAN COLLEGE OF ENGINEERING

(Autonomous)

Shamshabad-501 218, Hyderabad

## DEPARTMENT OF INFORMATION TECHNOLOGY

A One Week
**Faculty Development Program**
On
**Research Trends in Computer Science and Technology**

Topic: <u>Image Processing By Dr.G.sagar</u> (Session 1)          Date: 6<sup>th</sup> January 2014

| S.NO | Name of the Participant | Designation | Signature |
|------|------------------------|-------------|-----------|
| 1. | Dr. M. Gopichand | Professor & HOD | |
| | B. Suresh kumar | Asst-Prof | RS |
| | T. Nishitha | Asst-prof | |
| | B. Sowjanya Rani | Asst. prof | |
| 5. | Vivek | Asso. M | |
| 6. | Bharathi Ghosh | Student | B |
| 7 | G. Sindhuri | Asst. Prof | |
| 8. | G. Deepa Rani | Asst. Prof | |
| 9. | D. Ganesh | Asst. Prof | |
| 10. | S. Nagarjuna Reddy | Asst-pr | |
| 11 | S. Swathi | Asst pro | |
| 12 | G. Dilip Kumar | " | |
| 13 | P. Priyanka | Asst Prof | Priyaka |
| | E.R. Anna | Associate prof | |
| | Vinod Bhupathi | Asst. Professor | |
| | Ch. Prathima | Asst. prof | |
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# VARDHAMAN COLLEGE OF ENGINEERING

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Shamshabad-501 218, Hyderabad

## DEPARTMENT OF INFORMATION TECHNOLOGY

A One Week
**Faculty Development Program**
On
**Research Trends in Computer Science and Technology**

**Topic: Software Testing By Prof.Vivek Kulakarni (Session 2)**          **Date: 6th January 2014**

| S.NO | Name of the Participant | Designation | Signature |
|------|-------------------------|-------------|-----------|
| 1 | M. GOPICHAND | Professor | |
| 2. | D. Gomesh | Assistant professor | |
| 3. | S.K. LOKESH NAIR | Assistant professor | |
| 4 | D. Madhuri | Assistant Prof. | |
| 5 | B.Sowjanya Rani | Asst. prof | |
| 6. | P. Priyanka | Asst. Prof | |
| 7 | K. Krishnaveni | " | |
| 8. | S. Nagarjuna Reddy | Asst prof | |
| 9. | G. Sindhuri | Asst. Prof | |
| 10 | G. Dilip Kumar | " | |
| 11 | E. Ravi Kumar | | |
| 12. | G. Deepa Rani | Asst. Prof. | |
| 13 | D. Raman | Assoc. Prof | |
| 14 | V. Muni Sekhar | Asst. Prof | |
| 15 | D. Naveen | " | |
| 16. | Ch. Prathima | Asst. prof | |
| 17 | T. Nishitha | Asst. prof | |
| 18 | Vivek | Asso. prof. | |
| 19. | Bharathi Ghosh | Student | |
| 20 | S. Swathi | Asst. prof | |
| 21 | E.R. Aruna | Assoc. profes | |

# VARDHAMAN COLLEGE OF ENGINEERING

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## DEPARTMENT OF INFORMATION TECHNOLOGY

A One Week
Faculty Development Program
On
Research Trends in Computer Science and Technology

Topic: Data Mining By Dr.P.Krishna Reddy (Session 1)     Date: 7th January 2014

| S.NO | Name of the Participant | Designation | Signature |
|------|------------------------|-------------|-----------|
| 1 | M. Gopichand | professor d Head | |
| 2 | S. Nageswara Rao | Asst prof (Sr) | |
| 3. | RVS Anil Kumar | Asst. poof | |
| 4. | V. Muni Sekhar | Asst. Prof (sr) | |
| 5. | E. Ravi Kumar | Asst prof (Sr) | |
| 6. | D. Ganesh | Asst poof | |
| 7. | S. Nagarjuna Reddy | Ast. prof (sr) | |
| 8 | Sridhar Mourya | Asst Professor | |
| 9. | Vinod Bhupathi | Asst. Professor | Vinod |
| 10 | G. Dilip Kumar | " | |
| 11 | V. Bhavya | Asst professor | |
| 12 | A. Angel Mary | " | |
| 13 | Ch. Sudha Reddy | Asst. professor | |
| 14. | G. Sumalatha | Asst. professor | |
| 15. | Kamala challa | Asst. prof | |
| 16 | G. Deepa Rani | Asst. Prof. | |
| 17 | T. Jagadeeswari | Asst - prof | |
| 18 | P. Priyanka | Asst. prof | P. priyanka |
| 19. | M.L. Prasanthi | Assoc. Prof | |
| 20 | Y. Indu | Asst. prof | |
| 21 | D. Madhuri | Asst. Prof | |
| 22 | P. Seethalakshmi | Asst. prof | P. lalesleo |

| S.NO | Name of the Participant | Designation | Signature |
|---|---|---|---|
| 1 | K. Raheel | Student (M.TECH) | K. Shelp |
| 2 | V. Sudheer Kumar | Student (M.TECH) | Sudheer |
| 3 | B. Ramesh | Student (M.TECH) | B my |
| 4. | D. Yogi Reddy | Student (M.TECH) | D Jogi Reddy |
| 5. | M. PRAVEEN | Student (M Tech) | 7. Praveen |
| 6 | S. Chashmi fathima | Student (M.Tech) | S. Chashmi |
| 7 | M. Prashanthi | Student (M. Tech) | Prashanthi |
| 8 | S. Mounika | Student (M. Tech) | Mounika |
| 9 | Bharathi Ghosh (1388105803) | Student (Mtech IV Sem) | B |
| 10 | S. Bhargavi | Student (Mtech CSE) | Bhargavi |
| 11. | K. V. Bhavani | Student (Mtech CSE) | Bhavani. |
| 12. | A. Usha Sree | " " | A. Usha |
| 13. | M. Jagruthi | Student (Mtech SE) | M. Jagy |
| 14 | P. Seethalakshmi | Asst. prof | P. lalitha |
|  | S. Shoba Rani | Asst. prof sr. Gr | Shoba |
|  | T. Nishitha | Asst prof | |
|  | K. Anvesh | Asst Prof | |
|  | B. Sureshkumar | Asst Prof | |
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# VARDHAMAN COLLEGE OF ENGINEERING

(Autonomous)

Shamshabad-501 218, Hyderabad

## DEPARTMENT OF INFORMATION TECHNOLOGY

A One Week
**Faculty Development Program**
On
**Research Trends in Computer Science and Technology**

Topic: <u>Image Processing By Dr.C.Krishna Mohan</u> (Session 2)          Date: 7th January 2014

| S.NO | Name of the Participant | Designation | Signature |
|------|------------------------|-------------|-----------|
| 1 | Dr. M. Gopichand | Professor & Head | |
| 2. | RVS Anil kumar | Asst. prof | |
| 3 | G S Prasada Reddy | Asst. Professor | GSReddy |
| 4. | E. Ravi Kumar | Asst Prof (Sr) | |
| 5. | D. Ganesh | Asst. professr | |
| 6 | Y.V. Bhaskar Reddy | Assoc Professor | |
| 7. | Sridhar Srilourya | Asst. prof | |
| 8 | Vinod Bhupathi | Asst. Proffesor | Vinod |
| 9 | G. Dilip Kumar | " | |
| 10 | V. Bhavya | " | |
| 11 | A. Angel Mary | Asst. Prof. | |
| 12. | ch. sudha Reddy | Asst. professor | |
| 13 | P. Seethalakshmi | Asst. prof | P. Salaksh |
| 14. | Kamala chalk | Asst. prof | |
| 15. | G. Deepa Rani | Asst. Prof. | |
| 16 | T. Jagadeeswari | Asst. prof | |
| 17 | S. Shoba Devi | Asst. prof Sr.G | |
| | Anvesh. K | Asst. Professor | |
| | D. Raman | Assoc Professor | |
| | B. Suresh Kumar | Assist Profesr | BS |
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# VARDHAMAN COLLEGE OF ENGINEERING

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## DEPARTMENT OF INFORMATION TECHNOLOGY

A One Week
**Faculty Development Program**
On
**Research Trends in Computer Science and Technology**

Topic: <u>Software Engineering By Dr.MoiZ Quaiser</u> (Session 1)          Date: 8th January 2014

| S.NO | Name of the Participant | Designation | Signature |
|------|------------------------|-------------|-----------|
| 1. | E. R. Arma | Associate prof | |
| 2 | B. Sowjanya Rani | Asst. prof | |
| 3. | G. Sumalata | Asst. prof | |
| 4. | Y. Indu | Asst. prof | |
| 5. | V. Uma Maheswari | Asst. Prof | |
| 6 | P. Seethalakshmi | Asst. prof | |
| 7 | V. Bhavya | Asst. prof | |
| 8. | A. Angel Mary | Asst. prof | |
| 9 | E. Ravi Kumar | Asst prof (sr) | |
| 10 | S. Nagarjuna Reddy | Asst. prof (sr) | |
| 11 | Y. N. Bhaskar Reddy | Assoc prof | |
| 12 | D. Ganesh | Asst. prof | |
| 13 | S. Venu Gopal | Asst. prof (sr) | 8/1/15 |
| 14 | D. Raman | Assoc. Professor | 8/1/15 |
| 15. | Muralidha Maurya | Asst. prof | |
| 16 | J. Phani Prasad | Asst prof | |
| 17 | B. Suresh kumar | Asst prof | |
| 18 | S. Nageswara Rao | Asst prof (sr) | |
| 19 | G. Srikanth Reddy | Asst prof (sr) | |
| 20 | Vinod Bhupathi | Asst Professor | |
| 21 | R. V. S Anil kumar | Asst. prof | |
| 22 | G S Prasada Reddy | Asst. prof | |
| 23 | C.H Sravan kumar | Asst. prof | |

| S.NO | Name of the Participant | Designation | Signature |
|------|------------------------|-------------|-----------|
| 24 | S·K·LOKESH NAIK | Asst professor | |
| 25. | Anvesh·K | Asst. Professor | |
| 26 | S·K· PRASHANTH | Associate Professor | |
| 27. | C. Satya kumar | Asst. prof (sr.) | |
| 28 | T. Jagadeeswari | Asst. prof | |
| 29. | G. Sindhuri | Asst. Prof | |
| 30 | Kamal chetti | Asst. prof | |
| 31 | S Shoba Rani | Asst. prof (sr.G) | |
| 32 | ch. Sudha Reddy | Asst. prob | |
| 33 | T. Nishitha | Asst. prof | |
| 34 | G. Deepa Rani | Asst. prouf | |
| 35 | N Jayanth | Asst prof | |
| 36 | Lxishavleni | Asst prof | |
| 37 | Annapurna. a | Asst prof | |
| 32 | K. Mohan Krishna | Asst prof | |
| 33 | A 'VIJAY KUMAR , IT, Assoc. prof | | |
| | ( NAVA NAVA REDDY Engg college ) | | |
| | G. Dilip kumar | Asst. professor | |
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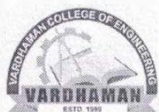
# VARDHAMAN COLLEGE OF ENGINEERING

(Autonomous)

Shamshabad-501 218, Hyderabad

## DEPARTMENT OF INFORMATION TECHNOLOGY

A One Week
**Faculty Development Program**
On
**Research Trends in Computer Science and Technology**

Topic: Model Driven Software Engineering By Dr.K.Madhavi (Session 2)          Date: 8th January 2014

| S.NO | Name of the Participant | Designation | Signature |
|------|------------------------|-------------|-----------|
| 1. | E. R. Aruna | Associate prof | |
| 2. | G. Sumalatha | Asst. prof | en |
| 3 | B. Sowjanya Rani | Asst. Prof | |
| 4. | T. Jagadeeswari | Asst. prof | |
| 5. | G. Sindhuri | Asst. Prof | |
| 6 | V. Indu | Asst. prof | |
| 7. | V. Uma Maheswari | Asst Prof | Umeresh |
| 8 | S. Shoba Rani | Asst. prof (sr Cr) | |
| 9. | Ch. Sudha Reddy | Asst. prof | |
| 10. | Kamala chella | Asst. prof | |
| 11. | Jayalthi | Asst prof | |
| 12 | Krishnaveni | Asst prof | |
| 13 | Aranapurna A | Asst Prof | Ary |
| 14. | T. Nishitha | Asst. prof | |
| 15. | G. Deepa Rani | Asst prof | |
| 16 | U. Bhavya | Asst. prof | |
| 17 | A. Angelmary | | |
| 18 | S. Nagarjuna Reddy | Asst prof (sa) | |
| 19 | E. Ravi Kumar | Asst Prof (sr) | |
| 20 | y. V. Bhaskar Reddy | Assoc prof | |
| 21. | D. Ganesh | Asst prof | |
| 22 | D. Raman | Assoc. Prof | |
| 23 | K. Mohan Krishna | Asst prof | |

| S.NO | Name of the Participant | Designation | Signature |
|------|------------------------|-------------|-----------|
|  | Phani Prasad J | Asst Prof | Phe |
|  | A. VIJAYA KUMAR IT, | Assoc. Prof | De |
|  | ( Malla Malla Reddy Engg College.) | | |
|  | Anresh. K. | Asst. Professor | Anresh |
|  | C. Satya Kumar | Asst. prof (Sr) | Pky |
|  | S. K. Lokesh Naik | Asst. prof | Jol |
|  | M. Muralidhar Maurya | Asst. prof | Maya |
|  | G. Dilip Kumar | '' | Dilip |
|  | B. Surekha | ASST PROF | IK |
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# VARDHAMAN COLLEGE OF ENGINEERING

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Shamshabad-501 218, Hyderabad

## DEPARTMENT OF INFORMATION TECHNOLOGY

A One Week
Faculty Development Program
On
Research Trends in Computer Science and Technology

Topic: Mobile Computing By Dr.O.B.V.Ramanaih (Session 1)          Date: 9th January 2014

| S.NO | Name of the Participant | Designation | Signature |
|------|-------------------------|-------------|-----------|
| 1 | Dr. M. Gopichand | Professor & Head | |
| 2 | Vinod Bhupathi | Asst. Professor | svinod |
| 3 | RVS Anil Kumar | Asst. prof | |
| 4 | P. Udhay Prakash | Asst. Professor | |
| 5 | P. Rama Devi | Assoc. profent | |
| 6 | G. Sindhuri | Asst. Prof | Sindh |
| 7 | Vivek Krishan | Assoc. prof. | |
| 8 | S. Shoba Rani | Asst. Prof. sr. Grade | |
| 9 | Kamala chalk | Asst. prof | |
| 10 | Sheena Mohammed | Asst. Prof | |
| 11 | Prasanthi | Assoc. Prof | |
| 12 | A. Annapurna | Asst. Prof. | |
| 13 | V. Uma Maheswari | Asst. Prof | |
| 14 | B. Srikanth | Asst. Prof. | |
| 15 | G. Narendra | Asst. Prof | |
| 16 | E. Rani Kumar | Asst. Prof (sr) | |
| 17 | G. Dilip Kumar | Asst. prof | |
| 18 | C. Satya Kumar | Asst. prof (sr) | |
| 19 | S. K. Lokesh Naik | Asst. prof E | |
| 20 | P Narasimhulu | Asst. prof (sr) | |
| 21 | K. Prabhakar | Asst. prof | |
| 22 | G. Deepa Rani | Asst. Prof. | |
| | Anvesh. K | Asst. Professor | |

Dr. M. GOPICHAND
B.Tech, M.Tech, Ph.D.
Professor & Head
Depat. of Information Technology
Vardhaman College of Engineering
Samshabad, Hyderabad.

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Shamshabad-501 218, Hyderabad

## DEPARTMENT OF INFORMATION TECHNOLOGY

A One Week
Faculty Development Program
On
Research Trends in Computer Science and Technology

**Topic: Data Mining By Dr.C.R.Rao (Session 2)**          Date: 9th January 2014

| S.NO | Name of the Participant | Designation | Signature |
|------|------------------------|-------------|-----------|
| 1 | N Jayanthi | Asst prof | |
| 2 | Krishnaveni | Asst prof | |
| 3 | Sheena Mohammed | Asst prof | |
| 4 | Annapurna | Asst prof | |
| 5 | G. Deepa Rani | Asst. Prof. | |
| 6 | Sumalatha | Asst. professor | |
| 7 | T. Nishitha | Asst pauf | |
| 8 | S Swathi | Asst. prof | |
| | J agadeeswari | Asst. prof (sr) | |
| | Sinderi. G | Ast. professor | |
| | Ch. sudha | Asst professor | |
| | B. Mahalakshi | ci | |
| | Ch- kamala | ci | |
| | Y. INDU | ci | Y. Indu |
| | S. Shoba Rani | Asst. prof sr.G | |
| | Anvesh. K. | Asst. Professor | |
| | G. Dilip Kumar | ci | |
| | D. Raman | Assoc Prof | |
| | B. Suresh Kumar | Asst Prof | |
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# VARDHAMAN COLLEGE OF ENGINEERING

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## DEPARTMENT OF INFORMATION TECHNOLOGY

A One Week
**Faculty Development Program**
On
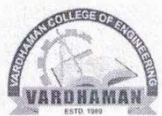**Research Trends in Computer Science and Technology**

<u>Topic: Data Mining By Dr.S.Viswanatha Raju</u> (Session 1)     Date: 10th January 2014

| S.NO | Name of the Participant | Designation | Signature |
|------|------------------------|-------------|-----------|
| 1 | Dr. M. Gopi Chand | Professor & Head | |
| 2 | G. Dilip Kumar | Asst. professor | |
| 3. | SK Prashanth | Associate Professor | |
| 4. | G. Srikanth Reddy | Asst. professor (Sr) | |
| 5. | Y. Indu | Asst. prof ( | |
| 6. | V. Uma Maheswari | Asst. Prof | |
| 7 | S. Shoba Rani | Asst. professor (Sr) | |
| 8 | P. Priyanka | Asst. (prof) | |
| 9 | Kamala chella | Asst. prof | |
| 10. | Ch. Sudha Reddy | Asst. professor | |
| 11. | V. Bhavya | Asst. professor | |
| 12 | p. Seethalakshmi | Asst. prof | P. lakshmi |
| 13 | G. Sundely | Asst. professor | |
| 14 | Sridhar nennya | Asst. prof. | |
| 15. | D. Ganesh | Asst. prof | |
| 16 | G. Navendra | Asst. Prof. | |
| 17. | G. Sindhuri | Asst. Prof | |
| 18. | Ch. Prathima | Asst. P. po | |
| 19 | T. Ramakrishnaiah. | Associ. professor | |
| 20 | Anvesh. K | Asst. Professor | |
| 21 | Dr. B. Rama Subba Reddy | Professor & HOD, SRITW | RS |
| 22. | K. prabhcken | Asst. professor | |
| 23 | E. Rani Kumar | Asst. Prof (Sr) | |

| S.NO | Name of the Participant | Designation | Signature |
|---|---|---|---|
| 24 | V. Muni Selchew | Asst. Professor | |
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# VARDHAMAN COLLEGE OF ENGINEERING

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## DEPARTMENT OF INFORMATION TECHNOLOGY

A One Week
**Faculty Development Program**
On
**Research Trends in Computer Science and Technology**

<u>Topic: Data Warehouse By Dr.T.V.Rajanikanth (Session 2) 1.30-2.45pm</u>          Date: 10th January 2014

| S.NO | Name of the Participant | Designation | Signature |
|------|-------------------------|-------------|-----------|
| 1. | S. Rahul (ECE) | Asst. professor | S. Rahul 10|01|2015 |
| 2. | C. Lokanath Reddy (ECE) | Asst. Professor | A./10/10/2015 |
| 3. | G. Narendra (ECE) | Asst. Professor | |
| 4. | D. Ganesh | Asst. Professor | DGG3 |
| 5. | T. Nishitha | Asst professor | |
| 6. | B. Sowjanya Rani | Asst. professor | |
| 7. | Gr. Sindhu | Asst Professor | |
| 8. | S. Swathi | Asst professor | |
| 9. | Ch. Prathima | Asst. prof | |
| 10 | G. Srikanth Reddy | Asst prof (CSE) | |
| 11. | SK PRASHANTH | Associate Professor | |
| 12 | S. Venu Gopal | Asst. prof (SE) | |
| 13. | S. Nagarjuna Reddy | Asst prof (SI) | |
| 14 | C.H. Sravan Kumar | Asst. Prof | |
| 15. | Sheena Mohammed | Asst. Prof | |
| 16. | B. Srikanth | Asst prof. | |
| 17 | Sridhar Mounji | Asst.prof | |
| 18 | P. Seethalakshmi | Asst prof | P. Lakshi |
| 19. | Ch. Sudha Reddy | Asst. prof | Sud |
| 20. | Kamala chalk | Asst. prof | |
| 21. | V. Bhavya | Asst. prof | |
| 22. | G. Sumalatha | Asst. Prof | en |
| 23. | K. Krishnaveni | Asst. prof | |

| S.NO | Name of the Participant | Designation | Signature |
|------|------------------------|-------------|-----------|
| 24. | A. Angel Mary | Asst. Prof | |
| 25. | V. Uma Maheswari | Asst. prof | |
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## DEPARTMENT OF INFORMATION TECHNOLOGY

A One Week
**Faculty Development Program**
On
**Research Trends in Computer Science and Technology**

Topic: Data Mining By Dr.D.Sudheer Reddy (Session 2)3.00-4.15pm          Date: 10th January 2014

| S.NO | Name of the Participant | Designation | Signature |
|------|------------------------|-------------|-----------|
| 1. | S. Rahul (ECE) | Assistant professor | S. Rahul 10/01/2015 |
| 2. | G. Narendra (ECE) | Asst. Prof | |
| 3 | D. Ganesh | Asst. Prof | D. dB |
| 4. | E. Ravi Kumar | Asst. Prof (Sr) | |
| 5. | SK prashanth | Associate Prof | |
| 6 | C. Lokanath Reddy | Assistant prof. | |
| 7 | P. Buddha Reddy | | Bud |
| 8 | T. Nishitha | Asst professor | |
| 9 | G. Sindhuri | Asst Professor | |
| 10 | B. Sowjanya Rani | Asst Professor | |
| 11 | S. Swathi | Asst. professor | |
| 12 | ch. Prathima. | Asst. prof | |
| 13 | G. Srikanth Reddy | Asst. prof (Sr) | |
| 14. | S. Venu Gopal | Asst. prof (Sr) | |
| 15. | S. Nagarjuna Reddy | Asst. prof (Sr) | |
| 16. | C.H. Sravan kumar | Asst. Prof | |
| 17. | Sheena Mohammed | Asst. prof | |
| 18. | B. Srikanth. | Asst. Prof | |
| 19 | Sridhar Mourya | Asst. Prof | |
| 20 | p. seethalakshmi | Asst. prof | P. laleslu |
| 21. | ch. Sudha Reddy | Asst. prof | |
| 22. | Kamala chella | Asst. prof | |
| 23. | V. Bhavya | Asst. prof | |

| S.NO | Name of the Participant | Designation | Signature |
|---|---|---|---|
| 24. | G. Sumalath | Asst. Prof | |
| 25. | A. Angel Mary | Asst. Prof | |
| 26. | K. Kaithnaveni | Asst. Prof | |
| 27. | V. Uma Maheswari | Asst. Prof | |
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# VARDHAMAN COLLEGE OF ENGINEERING
## (Autonomous)
### Shamshabad-501 218, Hyderabad

## DEPARTMENT OF INFORMATION TECHNOLOGY

A One Week
**Faculty Development Program**
On
**Research Trends Computer Science and Engineering**
$5^{th} - 11^{th}$ January 2015

### FEEDBACK FORM

1. Name of the Participant : E. Ravi Kumar
2. Designation & Department : Asst Professor (Sr)
3. College & Address : VCE, Hyderabad

4. Please rate the following parameters as under

| 10- Excellent | 8- Very good | 6- Good | 4- Fair |

|     |                                          | 10 | 8 | 6 | 4 |
|-----|------------------------------------------|----|---|---|---|
| a.  | Course delivery (Related to main topic)  |    |   | ✓ |   |
| b.  | Conference facilities                    |    |   | ✓ |   |
| c.  | Effectiveness of Speakers                |    |   | ✓ |   |
| d.  | Ability to clear doubts                  |    |   | ✓ |   |
| e.  | Overall rating of the Programme          |    |   | ✓ |   |

5. Do you feel this Seminar is useful?

    (a) Excellent        (b) Very Good ✓        (c) Good        (d) Fair

6. Suggestion for improvement

    a)

    b)

    c)

Signature of the Participant

### DEPARTMENT OF INFORMATION TECHNOLOGY

A One Week
**Faculty Development Program**
On
**Research Trends Computer Science and Engineering**
5th – 11th January 2015

### FEEDBACK FORM

1. Name of the Participant    :    D. RAMAN
2. Designation & Department   :    Assoc. Prof in. CSE
3. College & Address          :    V.CE.

4. Please rate the following parameters as under

   10- Excellent        8- Very good        6- Good        4- Fair

|     |                                          | 10 | 8 | 6 | 4 |
|-----|------------------------------------------|----|---|---|---|
| a.  | Course delivery (Related to main topic)  |    | ✓ |   |   |
| b.  | Conference facilities                    |    | ✓ |   |   |
| c.  | Effectiveness of Speakers                | ✓  |   |   |   |
| d.  | Ability to clear doubts                  | ✓  |   |   |   |
| e.  | Overall rating of the Programme          |    | ✓ |   |   |

5. Do you feel this Seminar is useful?

   (a) Excellent        (b) Very Good ✓        (c) Good        (d) Fair

6. Suggestion for improvement

   a) we would get sufficient time to listen then it
   b) will very good to us. more
   c) Practical oriented sessions are encouraged.

   Signature of the Participant

**Number of participants: 44**

**Key Notes:**

 - ➢ The Inaugural session done Dr S Sai satyanara Reddy , Principal Vardhaman College of Engineering.
 - ➢ The speakers came also from different backgrounds and presented the audience with different practical experiences, insights, and views, both at an organisational and national level. It gave a good impression and understanding of the many perspectives that can and should be taken into account when defining and implementing preservation policies.

The feedback of the participants confirmed that the Progrmme was very much appreciated as well as that there is a pressing need for more practical approaches and for other opportunities to discuss the many issues.

**Conclusion:**

The programme help for the faculty to focus on research work, and speakers provide the good information about many research areas of Computer Science . All the participants were satisfied with the outcome of programme.

HOD,CSE
Head of the Department
Computer Science & Engineering

# VARDHAMAN COLLEGE OF ENGINEERING

(Autonomous)

Shamshabad – 501 218, Hyderabad

## Department of Computer Science& Engineering and Information Technology
### Faculty Development Programme
### Attendance Sheet

Date: 07-12-2015

| S.No | Faculty Name | 7/12/2015 FN | 7/12/2015 AN | 8/12/2015 FN | 8/12/2015 AN | 9/12/2015 FN | 9/12/2015 AN | 10/12/2015 FN | 10/12/2015 AN | 11/12/2015 FN | 11/12/2015 AN | 12/12/2015 FN | 12/12/2015 AN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Dr. H. Venkateshwara Reddy | | | | | | | | | | | | |
| 2 | Dr. M. Gopichand | | | | | | | | | | | | |
| 2 | Dr. V. Anandam | | | | | | | | | | | | |
| 3 | Dr. G. Sagar | | | | | | | | | | | | |
| 4 | Mr. Vivek Kulkarni | | | | | | | | | | | | |
| 5 | Mr. A. Bhanu Prasad | | | | | | | | | | | | |
| 6 | Mr. D. Raman | | | | | | | | | | | | |
| 7 | Mr. S K Prashanth | | | | | | | | | | | | |
| 8 | S CCS ...ya Bhaskar Reddy | | | | | | | | | | | | |
| 9 | Mr. S. Venu Gopal | | | | | | | | | | | | |
| 10 | Mr. C. Satya Kumar | | | | | | | | | | | | |
| 11 | Mr. S. Nageswara Rao | | | | | | | | | | | | |
| 12 | Ms. S. Shoba Rani | | | | | | | | | | | | |
| 13 | Mr. P Narsimhulu | | | | | | | | | | | | |
| 14 | Ms. T. Jagadeeswari | | | | | | | | | | | | |
| 15 | Mr J. Chakradhar | | | | | | | | | | | | |
| 16 | Mr. N. Hanuman Reddy | | | | | | | | | | | | |
| 17 | Mr. S.K.LokeshNaik | | | | | | | | | | | | |
| 18 | Mr. S Nagarjuna Reddy | | | | | | | | | | | | |
| 19 | Mr. M Ananda Ranjith Kumar | | | | | | | | | | | | |
| 20 | Ms. Y. Indu | | | | | | | | | | | | |
| 21 | Ms. V. Uma Maheswari | | | | | | | | | | | | |
| 22 | ...ppa Rao | | | | | | | | | | | | |
| 23 | Ms. A. Aggel Mary | | | | | | | | | | | | |
| 24 | Ms. N Harini | | | | | | | | | | | | |
| 25 | Mr. G.S. Prasada Reddy | | | | | | | | | | | | |
| 26 | Mr. Murali Jhar Mourya | | | | | | | | | | | | |
| 27 | Ms A Annapurna | | | | | | | | | | | | |
| 28 | Ms. Sheena Mohammed | | | | | | | | | | | | |
| 29 | Mr. CH. Shravan Kumar | | | | | | | | | | | | |
| 31 | Mr. B. Suresh Kumar | | | | | | | | | | | | |
| 32 | Ms. N. Jayanthi | | | | | | | | | | | | |
| 33 | Ms. P Tanuja | | | | | | | | | | | | |
| 34 | Ms. K. Krishnaveni | | | | | | | | | | | | |
| 35 | Mr. P. Venkata Hemanth | | | | | | | | | | | | |
| 36 | Ms. Maha Lakshmi | | | | | | | | | | | | |
| 37 | Mr. Phoni Prasad | | | | | | | | | | | | |

| S.No | Faculty Name | 7/12/2015 FN | 7/12/2015 AN | 8/12/2015 FN | 8/12/2015 AN | 9/12/2015 FN | 9/12/2015 AN | 10/12/2015 FN | 10/12/2015 AN | 11/12/2015 FN | 11/12/2015 AN | 12/12/2015 FN | 12/12/2015 AN |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 39 | Ms. P. Seetha Lakshmi | | | | | | | | | | | | |
| 40 | Ms. Challa Kamala | | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | ✓ | ✓ |
| 41 | Ms. G. Nagamani | Nagi | Nagi | Nagi | Nagi | Nagi | Nagi | Nagi | Nagi | Nagi | Nagi | Nagi | Nagi |
| 42 | K. L. Raghavender Reddy | | | | | | | | | | | | |
| 43 | Mr. K. Srinivas | Chf | kby | kby | kby | | | | | | by | kby | kl |
| 44 | Mr. D. Ganesh | D.20 | D03 | D03 | D03 | D03 | D03 | D03 | D03 | | | | |
| 45 | Mr. G. Mallikarjun Reddy | Gmay | Gr | Gr | Gr | Gr | Gr | Gr | Gr | Gr | Gr | Gr | Gr |
| 46 | Ms. G. Deepa Rani | | | | | | | | | | | | |
| 47 | Ms. Rajinitha | | | | | | | | | | | | |
| 48 | Mr. Vinay Kumar | | | | | | | | | | | | |
| 49 | Mr. V. Vijaya Bhaskara Reddy | Chy | Chy | Ch | Chy | Chy | Chy | Chy | Chy | Chy | | | |
| 50 | Ms. M Pravarsha Reddy | | PPf | PPf | PPf | PPf | PPf | PPf | PPf | PPf | | | |
| 51 | Ms. CH Sabitha | Sabith | Sabith | Sabith | Sab | San | Sabith | Sou | Sou | Sou | Gou | | |
| 52 | Miss. K Anusha | Anu | Anu | Anu | Anu | | Anu | | Anu | | | Anu | Anu |
| 53 | Mr. Vemula Harish | v.Hi | v.Hi | v.Hi | v.Hi | | | v.Hi | v.Hi | v.Hi | v.Hi | v.H | v.H |
| 54 | Ms. Swapna Shankar | Lys | Lys | | Lys | | | | | | | | |
| 55 | Mr. B. Prasad | B | B | B | B | B | B | | | B | B | B | B |
| 56 | E.R. Aruna | | | | | | | | | | | | |
| 57 | K. Prabhakar | ✓ | ✓ | ✓ | ✓ | | | | | | | | |
| 58 | G. Srikanth Reddy | | ✓ | | | ✓ | | | ✓ | | ✓ | | |
| 59 | V. Muni Sekhar | | | | | | | | | | | | |
| 60 | T. Raghunatha Reddy | Rad | Rad | Rad | Rad | Rad | Rad | Rad | Rad | | Rad | Rad | Rad |
| 61 | E. Ravi Kumar | | | | | | | | | | | | |
| 62 | C. Nagaraju | C.Nag | Nag | C.Nag | Nag | C.Nag | Nag | C.Nag | C.Nag | C.Nag | C.Nag | C.Nag | C.Nag |
| 63 | K. Anvesh | Kal | Kal | Kal | Kal | Kal | Kal | Kal Kal | | | | | |
| 64 | D. Naveen | | | N | N | N | N | | | | | | |
| 65 | A.V. Srinivas | A | A | A | A | | | | | | | | |
| 66 | G. Dilip Kumar | | | | | | | | | | | | |
| 67 | S. Swathi | | | | | | | | | | | | |
| 68 | T. Nishitha | | | | | | | | | | | | |
| 69 | Vinod Bhupathi | A | A | Vinod | A | Vinod | Vinod | Vinod | Vinod | | | | |
| 70 | P. Priyanka | | | | | | | | | | | | |
| 71 | K. Leelarani | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | |
| 72 | K.K. Swamy | H | H | H | H | H | | H | | | | | |
| 73 | P. Jeevan Kumar | | P.J.k | | | | P.J.k | | | | | | |
| 74 | Priyadarshini Chatterjee | leave | leave | (P)h | (P)h | | | | | | | | |
| 75 | P. Buddha Reddy | Budha | Budha | Bud | Bud | Bud | Bud | | | | | | |
| 76 | Anilbabu | | | | | | | | | | | | |
| 77 | C.H. Mamatha | | Mamatha | | Mamatha | leave | leave | | Mamatha | | | | |
| 78 | Sathwika Reddy | | Sa | | Sa | | Sa | | Sa | | | Sa | |
| 79 | R. Arunkumar | A | A | A | A | A | A | A | A | | | | |

| S.NO | Name of the Participant | Designation | Signature |
|------|------------------------|-------------|-----------|
| 1 | K. Raheel | Student (M.TECH) | K. |
| 2 | V. Sudheer Kumar | Student (M.TECH) | Sudheer |
| 3 | B. Ramesh | Student (M.TECH) | |
| 4 | D. Yogi Reddy | Student (M.TECH) | D. Yogi Reddy |
| 5 | M. PRAVEEN | Student (M.Tech) | M. Praveen |
| 6 | Schashmi fathima | Student (M.Tech) | S. Chashmi |
| 7 | M. Praashanthi | Student (M. Tech) | |
| 8 | S. Mounika | Student (M. Tech) | Mounika |
| 9 | Bharathi Ghosh (138610S803) | Student (Mtech IV Sem) | B |
| 10 | S. Bhargavi | Student (Mtech CSE) | Bhargavi |
| 11 | K.V. Bhavani | Student (Mtech CSE) | Bhavani |
| 12 | A. Usha sree | " " | A. Ush |
| 13 | M. Jagruthi | Student (Mtech SE) | M. Jay |
| 14 | P. Sekthalakshmi | Asst prof | P. |
| | S. Shoba Rani | Asst. prof Sr. G | |
| | T. Nishitha | Asst prof | |
| | K. Anvesh | Asst prof | |
| | B. Suresh kumar | Asst Prof | |

# Research Trend in Computer Science and Engineering

**Overall feedback from 05-01-2015 to 11-01-2015**

**Date:11-01-2015**

| S.No | [Focus on active learning techniques and their demonstration] | [opportunity to interact with trainer] | [Judious mix of concepts, principles, and practices] | [Assignments and tasks are intresting and challenging] | [Organization of FDP and session planning] | [Overall rating of FDP] |
|------|------|------|------|------|------|------|
| 1 | Average | Very Good | Good | Good | Very Good | Excellent |
| 2 | Very Good | Excellent | Very Good | Very Good | Very Good | Very Good |
| 3 | Very Good | Very Good | Very Good | Very Good | Excellent | Excellent |
| 4 | Excellent | Very Good | Excellent | Very Good | Excellent | Very Good |
| 5 | Very Good | Good | Good | Good | Very Good | Good |
| 6 | Very Good | Good | Good | Good | Very Good | Good |
| 7 | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent |
| 8 | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent |
| 9 | Good | Average | Good | Average | Good | Good |
| 10 | Excellent | Very Good | Excellent | Very Good | Excellent | Very Good |
| 11 | Very Good | Good | Good | Good | Very Good | Good |
| 12 | Very Good | Excellent | Very Good | Very Good | Very Good | Very Good |
| 13 | Very Good | Very Good | Very Good | Very Good | Excellent | Excellent |
| 14 | Excellent | Very Good | Excellent | Very Good | Excellent | Very Good |
| 15 | Very Good | Good | Good | Good | Very Good | Good |
| 16 | Very Good | Good | Good | Good | Very Good | Good |
| 17 | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent |
| 18 | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent |
| 19 | Good | Average | Good | Average | Good | Good |
| 20 | Very Good | Very Good | Good | Good | Excellent | Very Good |
| 21 | Very Good | Excellent | Excellent | Very Good | Excellent | Excellent |
| 22 | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent |
| 23 | Excellent | Excellent | Very Good | Very Good | Excellent | Excellent |
| 24 | Very Good | Very Good | Good | Good | Very Good | Good |
| 25 | Excellent | Excellent | Excellent | Very Good | Very Good | Excellent |

| | | | | | | |
|---|---|---|---|---|---|---|
| 26 | Excellent | Very Good | Excellent | Very Good | Very Good | Excellent |
| 27 | Very Good | Very Good | Very Good | Good | Very Good | Excellent |
| 28 | Very Good | Very Good | Good | Good | Good | Good |
| 29 | Very Good | Excellent | Very Good | Very Good | Very Good | Very Good |
| 30 | Average | Very Good | Good | Good | Very Good | Excellent |
| 31 | Very Good | Excellent | Very Good | Very Good | Very Good | Very Good |
| 32 | Very Good | Very Good | Very Good | Very Good | Excellent | Excellent |
| 33 | Excellent | Very Good | Excellent | Very Good | Excellent | Very Good |
| 34 | Very Good | Good | Good | Good | Very Good | Good |
| 35 | Very Good | Good | Good | Good | Very Good | Good |
| 36 | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent |
| 37 | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent |
| 38 | Good | Average | Good | Average | Good | Good |
| 39 | Excellent | Very Good | Excellent | Very Good | Excellent | Very Good |
| 40 | Very Good | Good | Good | Good | Very Good | Good |

# VARDHAMAN COLLEGE OF ENGINEERING

(AUTONOMOUS)

Shamshabad – 501218, Hyderabad

**DEPARTMENT OF COMPUTER SCINENCE AND ENGINEERING**

**Summary Report On**
**Faculty Development Program**
**Research Trends in Computer Science & Engineering**

Date:12/01/2015

On January 05-11 , 2015, Department of Computer Science and Engineering of Vardhaman College of Engineering hosted a One Week Faculty Development Progrmme entitled Research Trends in Computer Science & Engineering at Vardhaman College of Engineering. This Programme was part of the *Stepping up the research work of defaulters.*

**Objective:**

The Faculty Development Programme will function provides the resources to improve the quality of life for CSE faculty and its community. It strives to generate a climate where all faculty will blossom to the full of their potential.

**FDP Outcomes:**

a) Faculty is appraised of latest Research trends

b) Faculty is in a position to identify his area of research

c) Faculty can formulate his own area of research problem

d) Faculty will be able to find his supervisor

e) The following research areas have exposed to the Faculty

> Data Warehousing and Data Mining
> Image Processing
> Software Engineering
> Computer Networks

# IEEE HYDERABAD SECTION

## Communications Society and Signal Processing Society Joint Chapter

### In association with Vardhaman College of Engineering, Hyderabad presents

**IEEE COMMUNICATIONS SOCIETY** Hyderabad Chapter

**Workshop on Amateur Radio**
by
**Miroslav Skoric**
Faculty of Technical Sciences
University of Novi Sad, Serbia

*IEEE Signal Processing Society*

## Amateur Radio Communications, Software and Computer Networks in Education

## Programme

**Topic:**
Amateur Radio Communications, Software and Computer Networks in Education

**Speaker:**
Miroslav Skoric
Faculty of Technical Sciences,
University of Novi Sad,
Serbia.

**Date:**
Tuesday
16th September, 2014

**Time:**
10 am to 3 pm

**Venue:**
Vardhaman College of Engineering,
Shamshabad,
Hyderabad

**Registration:**
Free, but RSVP to
y.pandurangaiah@vardhaman
.org
or
nvenkatesh@ieee.org

### Abstract
This workshop begins with introductory information about the amateur radio communications and continues with studying one of the most popular computer-related radio communication modes: the VHF/UHF and HF "packet-radio" (other popular modes, like "amtor", "pactor", "g-tor", "clover" etc. are also the options). The tutorial discusses (with examples) on how to choose inexpensive hardware and software needed for establishing the amateur radio links from either home or work. The tutorial explains step-by-step how to build an AMUNET – the Amateur Radio University Network – a grid of radio stations within or between universities' campuses and surrounding schools, including an opportunity to become a low-cost solution for communicating in educational institutions in rural areas and developing countries.

### Speaker Biography
Miroslav Skoric has 20+ years of experience in computer network administration and system maintenance (Diploma in Business Computing, a local equivalent of M.Sc.) and 20+ years of practice in the amateur radio (licensed amateur since 1989, amateur radio call sign YT7MPB). The instructor has been maintaining various types of amateur radio bulletin board systems (MS DOS, Windows and Linux platforms) with VHF/HF radio frequency and Internet inputs/outputs in the local amateur radio union and clubs-societies. The instructor voluntarily served as the information manager and union's secretary during the nineties – where he was compiling technical and scientific information for broadcasting via local amateur radio frequencies and repeaters. Teaching experience includes several classes in a local high-school amateur radio club; technical paper presentations during domestic and international events; visiting lectures, tutorials and workshops on the amateur radio in education, one round-table session, four book chapters and several magazine/journal articles, as well as a dedicated web page http://tldp.org/HOWTO/FBB.html featuring a popular amateur radio software user manual. The instructor's researching efforts include his graduate studies In Computer Sciences, as well as his membership in IEEE Computer Society, IEEE Communications Society, IEEE Education Society, ACM, NIAR, and IAENG.

# VARDHAMAN COLLEGE OF ENGINEERING

**(AUTONOMOUS)**

**Shamshabad, Hyderabad - 501218**

**IEEE**
**HYDERABAD SECTION**

## Communication Society and Signal Processing Society Joint Chapter
## In Association with Vardhaman College of Engineering, Hyderabad
## Presents
## WORKSHOP ON AMATEUR RADIO

**Date:** 16-09-2014

### PROGRAM SCHEDULE

| | | |
|------|---|---|
| 1015 | - | Welcome Address by Prof. Y. Pandurangaiah, Head, ECE |
| 1025 | - | Address by Dr. S. Sai Satya Narayana Reddy, Principal, VCE |
| 1035 | - | Introduction to IEEE Hyderabad Section, Communications / Signal Processing Society Activities by Prof. Zafar, IIT, Hyderabad |
| 1045 | - | Overview of NIAR, Hyderabad and its Activities by Mr. Ram Mohan |
| 1055 | - | Introduction of Speaker Prof. Skoric by Prof. Zafar, IIT, Hyderabad |
| 1100 | - | Session-I : Prof. Skoric |
| 1240 | - | Lunch Break |
| 1330 | - | Session-II : Mr. Ram Mohan |
| 1450 | - | Vote of Thanks by Prof. N. Uma Maheshwar Rao |
| 1500 | - | End of the Program |

# VARDHAMAN COLLEGE OF ENGINEERING
(AUTONOMOUS)

Shamshabad - 501 218, Hyderabad

**IEEE**
HYDERABAD SECTION

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Communication Society and Signal Processing Society Joint Chapter In Association with Vardhaman College of Engineering, Hyderabad

### WORKSHOP ON AMATEUR RADIO

REGISTRATION SHEET

16-09-2014

| S No | Name of the Participant | Faculty / Student | Organization | IEEE Membership ID | Phone No | Email ID | Signature |
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| 4 | Mr. S. Rajendar | Faculty | Vardhaman College of Engineering | 92922718 | 9885570842 | s.rajendar@vardhaman.org | |
| 5 | Mr. K. Satish Reddy | Faculty | Vardhaman College of Engineering | 92112573 | 9700938400 | coe@vardhaman.org | |
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| 14 | Ms. Ch. Sreenitha | Student | Sridevi Womens Engineering College | 93163209 | 9059673091 | chsrinitha@yahoo.com | Ch. Sreenitha |
| 15 | Ms. G. Varsha | Student | Sridevi Womens Engineering College | 93163231 | 8897968090 | varsha2994@gmail.com | Varsha-G |

16.

HOD, ECE

# VARDHAMAN COLLEGE OF ENGINEERING

## (AUTONOMOUS)

Shamshabad - 501 218, Hyderabad

### DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

15-09-2014

### STUDENT REGISTRATION - WORKSHOP ON AMATEUR RADIO

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# VARDHAMAN COLLEGE OF ENGINEERING

(AUTONOMOUS)

Shamshabad - 501 218, Hyderabad

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

15-09-2014

## FACULTY REGISTRATION - WORKSHOP ON AMATEUR RADIO

| S No | Name of the Participant | Designation | Organization | IEEE Membership | Phone No | Email ID | Signature |
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| 8 | Prof. Y. pandu Rangaich | Professor | '' | 92917118 | | | |
| 9 | Dr. R. muraliprasad | professor | '' | 92048381 | | | |

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# VARDHAMAN COLLEGE OF ENGINEERING

### (AUTONOMOUS)

Shamshabad - 501 218, Hyderabad

## DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

15-09-2014

## STUDENT REGISTRATION - WORKSHOP ON AMATEUR RADIO

| S No | Roll No | Name of the Participant | Organization | Phone No | Email ID | Signature |
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| 7 | 11881A0412 | P.Harish | Vardhaman IV Year | 7799533520 | harishpologani@gmail. | |
| 8 | 11881A0440 | A.Sandeep | Vardhaman (IV y.r) | 9059409006 | Sandeepannam94@ gmail.com | |
| 9 | 11881A0449 | V.srinivas | Vardhaman (IV yr) | 8897147658 2 | vangala.srinivasre ddy6@gmail | Srinivas |

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| 2. | 1288 1A0419 | A. Arun kumar | '' | 8099546609 | arunpapyam@ gmail.com |
| 3. | 1288 1A0421 | N. Asha Tej | '' | 8712711245 | ashu_912@ yahoo.com |
| 4. | 13885A0411 | S. Krishna | '' | 9666982036 | krishna.kittu 483@gmail.com |
| 5. | 1188 1A0416 | R. Laharika. | VMEG IV year | 8 7416244740 | laharika@gmail.com |
| 6. | 1188 1A0434 | Sadiya Jabeen | '' | 8790610056 | sadiyaj.07@gmail.com |
| 7. | 1188 A0445 | Sowmya Budiga | '' | 8019199674 | sowmya.budiga25@ gmail.com |
| 8. | 1188 1A0447 | Srimai inapurapu | '' | 7799774477 | Srimai. inapurapu@ gmail.com . |

**A One Day Seminar**

On

# Research Funding Opportunities for IT Researchers at ITRA Govt. of India

On

*12th November, 2014*

*By*

## Dr. P Krishna Reddy

**Professor,IIIT-H,Hyderabad &**
**Program Director ITRA- Agriculture and Food**

**Target Group**
Faculty

**Venue**
E-Class Room (Block - 3)
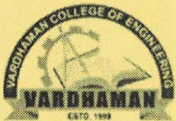
**Time**
10.00 AM to 04:30 PM

Organized by

**ISTE CHAPTER**

**DEPARTMENT OF INFORMATION TECHNOLOGY**

# VARDHAMAN COLLEGE OF ENGINEERING
(Autonomous)
Shamshabad – 501 218, Hyderabad

Dr. M. GOPICHAND
B.Tech, M.Tech, Ph.D.
Professor & Head
Depat. of Information Technology
Vardhaman College of Engineering
Samshabad, Hyderabad.

# VARDHAMAN COLLEGE OF ENGINEERING

## (AUTONOMOUS)

Shamshabad-501 218, Hyderabad

## DEPARTMENT OF INFORMATION TECHNOLOGY

**A One Day Seminar**

On

## Research Funding Opportunities
## for IT Researchers at ITRA Govt. of India

By

**12 November, 2014**
**SCHEDULE**

| TIME | ACTIVITY |
|---|---|
| 10.00 am - 11.00am | Registrations |
| 11.30am - 11.45 am | Tea |
| 11.45 am - 12.15 pm | Inauguration by Dr. M Gopi Chand, HOD, IT |
| 12.15 pm - 12.30 pm | Address The Guest: Dr. P Krishna Reddy, Professor, IIIT – H, Hyderabad & Program Director ITRA – Agriculture and Food. |
| 12.30 pm - 01.30 pm | Session I- Introduction to ITRA |
| 01.30 pm - 02.15 pm | Lunch |
| 02.15pm - 03.45 pm | Session II- Research Funding Opportunities at ITRA |
| 03.45 pm - 04.00 pm | Tea |
| 04.00 pm - 04.30 pm | Valedictory |

HOD, IT
Dr. M. GOPICHAND
B.Tech, M.Tech, Ph.D.
Professor & Head
Dept. of Information Technology
Vardhaman College of Engineering
Shamshabad, Hyderabad.

# VARDHAMAN COLLEGE OF ENGINEERING

## Shamshabad, Hyderabad-501218

## Department of Information Technology

| To<br>The Principal | From<br>Head of the Department<br>Department of Information Technology |
| --- | --- |

Dear Sir,

Sub:Permission to organize A One Day Seminar **on Research Funding Opportunities for IT Researchers at ITRA Govt. of India** -12th November,2014-Regarding.

I request you to kindly permit me to organize A One One Day Seminar **on Research Funding Opportunities for IT Researchers at ITRA Govt. of India** -12th November,2014.

The details of the experts and the expenditure involved are as follows:

| S.No | Speaker of the Event | Remuneration |
| --- | --- | --- |
| 1 | Dr.P Krishna Reddy | 5000 |

Place:Shamshabad

Date: 02 November,2014

Yours Sincerely,

**Dr. M. GOPICHAND**
B.Tech, M.Tech, Ph.D.
Professor & Head
Depat. of Information Technology
Vardhaman College of Engineering
Samshabad, Hyderabad.

# VARDHAMAN COLLEGE OF ENGINEERING

Shamshabad - 501 218, Hyderabad, A.P.

Voucher No.

Date : 12/11/19

Paid to _____ Dr. P. Krishna Reddy.

| Towards : Seminar on Research funding opportunities, ITRA | 5000/- | |
| --- | --- | --- |
| | | |
| | | |
| Rupees in words | | |
| Paid by Cash / Cheque | TOTAL : | 5000 | 00 |

Cheque No. ............................... Date ............................
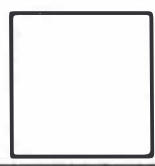
Prepared by               Authorised by

Receiver's Signature

# VARDHAMAN COLLEGE OF ENGINEERING

(Autonomous)

Shamshabad-501 218, Hyderabad

## DEPARTMENT OF INFORMATION TECHNOLOGY

A One Day SEMINAR

On

## Research Funding Opportunities
## for IT Researchers at ITRA Govt. Of India

by

### Dr. P Krishna Reddy

Professor, IIIT- H, Hyderabad &

Program Director ITRA – Agriculture and Food

Date: 12th November, 2014

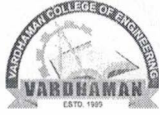| S.No. | Name of the Participant | Designation & De Pt | Signature |
|-------|------------------------|---------------------|-----------|
| 1. | Dr. V. Anandan | Professor, CSE | |
| 2. | A Bhanu Prasad | Assoc. prof. IT | |
| 3 | Vivek Kulkeni | ,, CSE | |
| 4 | D. Raman | ,, CSE | |
| 5. | V. Muni Sekhar | Assistant Professor, CSE | |
| 6. | H. Venkateswara Reddy | Associate professor, CSE | |
| 7 | S. Nageswarao | Assistant Professor, CSE | |
| 8. | B. Suresh Kumal | Assistant professor, CSE | |
| 9. | Vinod Bhupathi | Assistant Professor, IT | |
| 10 | K. Prabhakar | Associate professor | |
| 11 | M. Nagarjuna | Assistant professor | |
| 12 | H. Shravan Kumar | Assistant Professor, E.C.E | |
| 13 | M. Veera Swamy | Assistant Professor, ECE | |
| 14 | K. Sripal Reddy | Assistant professor, ECE | |
| 15. | A.V. Vinod Kumar | Assistant professor, ELE | |
| 16. | T. C. Srinivasa Rao | Assoc. Prof. EEE | |
| 17. | J. Phani Prasad | Assistant Professor, CSE | |
| 18. | S. K. Lorest Vali | Associate professor, IT | |
| 19 | S. Venu Gopal | Associate profn, CSE | |
| 20 | G S Pravada Reddy | Assistant Professor | |

**Dr. M. GOPICHAND**
B.Tech, M.Tech, Ph.D.
Professor & Head
Depat. of Information Technology
Vardhaman College of Engineering
Samshabad, Hyderabad.

| S.No. | Name of the Participant | Designation & Dept. | Signature |
|---|---|---|---|
| 21 | Dr. K. Venkateswarlu | Associate Professor, H&S | |
| 22. | Rajasekharareddy | Professor, ECE | Ch. Rajsel Redly |
| 23. | Dr. JVR Ravindra | Professor, ECE | Ravindr... |
| 24. | G. Bhaskar phani Ram | Assistant Professor, ECE | Bhaw |
| 25. | P. Ramakrishna Reddy | Assistant professor, ME | |
| 26 | C. PRAVEEN KUMAR | Associate Professor, H&S | |
| 27. | B. Rajugopal Reddy | Associate Professor, EEE | |
| 28. | P. Rama Devi | Associate professor, ECE | |
| 29 | D. Naga Jyothi | Associate professor, ECE | Jyou |
| 30. | V. Jyothi | Assistant professor, ECE | Jyothi |
| 31. | M. Rajani Devi | Assistant Professor, ECE | Rajani |
| 32 | Y. Indu | Asst. Prof, CSE | |
| 33. | N. Ramya Tulasi | Asst. prof, CSE | |
| 34. | Kamala chalk | Asst. Prof, CSE | |
| 35 | S. Shoba Rani | Asst. prof (sr.Grade) CSE | |
| 36. | N. Jayanthi | Asst. Poof CSE | |
| 37. | P. Priyanka | Asst. Prof, I.T | Priyanka |
| 38 | B. Padmaja | Assoc. Prof, IT | |
| 39 | T. Nishitha | Asst. professor, IT | |
| 40 | G. Sindhuri | Asst. Prof, I.T | Sindhu |
| 41 | B. Sowjanya Rani | Asst. Prof, I.T | B. |
| 42 | V. Harini | Asst. Prof. ECE | |
| 43. | U. Shravani | Asst. Prof. ECE | |
| 49. | S. Swathi | Asst. Professor, IT | |
| 50 | Lavanya. M | Asst. professor, ECE | |
| 51 | M. Deepthi | Asst. professor, E.C.G | |
| 52. | Anvesh. K | Asst. Professor, IT | |
| 53. | A. krishna Chaitanya | Assoc Professor, I.T | |
| 54. | G. Venkatesh. | Asst. Professor, IT | |
| 55 | SUMATHI. L | Asst Professor, H&S | |
| 56 | Dr. Sagar. G | Associate professor, CSE | |
| 57 | Sk. prashanth | Associate Professor, I.T. | |
| 58 | I. SRIKANTH | Asst. Professor, I.T | |
| 60 | B. Srikanth | Asst. Professor, ECE | |

| S.No. | Name of the Participant | Designation & Dept. | Signature |
|-------|-------------------------|---------------------|-----------|
| 61. | D. Naveen | Assistant Professor, IT | |
| 62. | Ch. Prathima | Assistant Professor, IT | |
| 63 | M. GOPICHAND | Professor IT | |
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# Research Funding Opportunities for IT Researchers at ITRA Researchers at ITRA

**Date: 12-11-2014**

| S. No | Time Stamp | [Focus on active learning techniques and their demonstration] | [opportunity to interact with trainer] | [Judious mix of concepts, principles, and practices] | [Assignments and tasks are intresting and challenging] | [Organization of FDP and session planning] | [Overall rating of FDP] |
|---|---|---|---|---|---|---|---|
| 1 | 11/12/2014 11:06:21 | Very Good | Very Good | Good | Good | Excellent | Very Good |
| 2 | 11/12/2014 11:27:45 | Very Good | Excellent | Excellent | Very Good | Excellent | Excellent |
| 3 | 11/12/2014 11:28:42 | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent |
| 4 | 11/12/2014 11:30:28 | Excellent | Excellent | Very Good | Very Good | Excellent | Excellent |
| 5 | 11/12/2014 11:31:34 | Very Good | Very Good | Good | Good | Very Good | Good |
| 6 | 11/12/2014 11:32:10 | Excellent | Excellent | Excellent | Very Good | Very Good | Excellent |
| 7 | 11/12/2014 11:32:47 | Excellent | Very Good | Excellent | Very Good | Very Good | Excellent |
| 8 | 11/12/2014 11:34:13 | Very Good | Very Good | Very Good | Good | Very Good | Excellent |
| 9 | 11/12/2014 11:35:29 | Very Good | Very Good | Good | Good | Good | Good |
| 10 | 11/12/2014 11:35:53 | Very Good | Excellent | Very Good | Very Good | Very Good | Very Good |
| 11 | 11/12/2014 11:38:38 | Average | Very Good | Good | Good | Very Good | Excellent |
| 12 | 11/12/2014 11:39:25 | Very Good | Excellent | Very Good | Very Good | Very Good | Very Good |
| 13 | 11/12/2014 11:41:09 | Very Good | Very Good | Very Good | Very Good | Excellent | Excellent |
| 14 | 11/12/2014 11:41:14 | Excellent | Very Good | Excellent | Very Good | Excellent | Very Good |
| 15 | 11/12/2014 11:42:26 | Very Good | Good | Good | Good | Very Good | Good |
| 16 | 11/12/2014 11:45:32 | Very Good | Good | Good | Good | Very Good | Good |
| 17 | 11/12/2014 11:46:13 | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent |
| 18 | 11/12/2014 11:47:25 | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent |

| | | | | | | |
|---|---|---|---|---|---|---|
| 19 | 11/12/201 4 11:48:10 | Good | Average | Good | Average | Good | Good |
| 20 | 11/12/201 4 11:48:58 | Very Good | Excellent | Very Good | Very Good | Very Good | Very Good |
| 21 | 11/12/201 4 11:51:11 | Very Good | Very Good | Good | Good | Excellent | Very Good |
| 22 | 11/12/201 4 11:52:12 | Very Good | Excellent | Excellent | Very Good | Excellent | Excellent |
| 23 | 11/12/201 4 11:52:29 | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent |
| 24 | 11/12/201 4 11:58:22 | Excellent | Excellent | Very Good | Very Good | Excellent | Excellent |
| 25 | 11/12/201 4 11:59:00 | Very Good | Very Good | Good | Good | Very Good | Good |
| 26 | 11/12/201 4 12:05:14 | Excellent | Excellent | Excellent | Very Good | Very Good | Excellent |
| 27 | 11/12/201 4 12:09:55 | Excellent | Very Good | Excellent | Very Good | Very Good | Excellent |
| 28 | 11/12/201 4 12:10:20 | Very Good | Very Good | Very Good | Good | Very Good | Excellent |
| 29 | 11/12/201 4 12:14:54 | Very Good | Very Good | Good | Good | Good | Good |
| 30 | 11/12/201 4 12:17:11 | Very Good | Excellent | Very Good | Very Good | Very Good | Very Good |
| 31 | 11/12/201 4 12:29:42 | Average | Very Good | Good | Good | Very Good | Excellent |
| 32 | 11/12/201 4 12:46:12 | Very Good | Excellent | Very Good | Very Good | Very Good | Very Good |
| 33 | 11/12/201 4 12:47:58 | Very Good | Very Good | Very Good | Very Good | Excellent | Excellent |
| 34 | 11/12/201 4 12:50:41 | Excellent | Very Good | Excellent | Very Good | Excellent | Very Good |
| 35 | 11/12/201 4 12:51:07 | Very Good | Good | Good | Good | Very Good | Good |
| 36 | 11/12/201 4 12:51:48 | Very Good | Good | Good | Good | Very Good | Good |
| 37 | 3/17/2019 9:41:02 | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent |
| 38 | 3/17/2019 22:20:06 | Excellent | Excellent | Excellent | Excellent | Excellent | Excellent |
| 39 | 4/3/2019 13:48:10 | Good | Average | Good | Average | Good | Good |
| 40 | 4/4/2019 12:47:10 | Very Good | Excellent | Very Good | Very Good | Very Good | Very Good |

REPORT

ON

6 DAY WORKSHOP ON "MICROSOFT CERTIFICATION TRAINING - WINDOWS

APPLICATION DEVELOPMENT USING C#.NET"

Organized by

# Department of Computer Science and Engineering, Vardhaman College of Engineering, Shamshabad-501218, Hyderabad

10th - 16th December, 2014
Hyderabad.

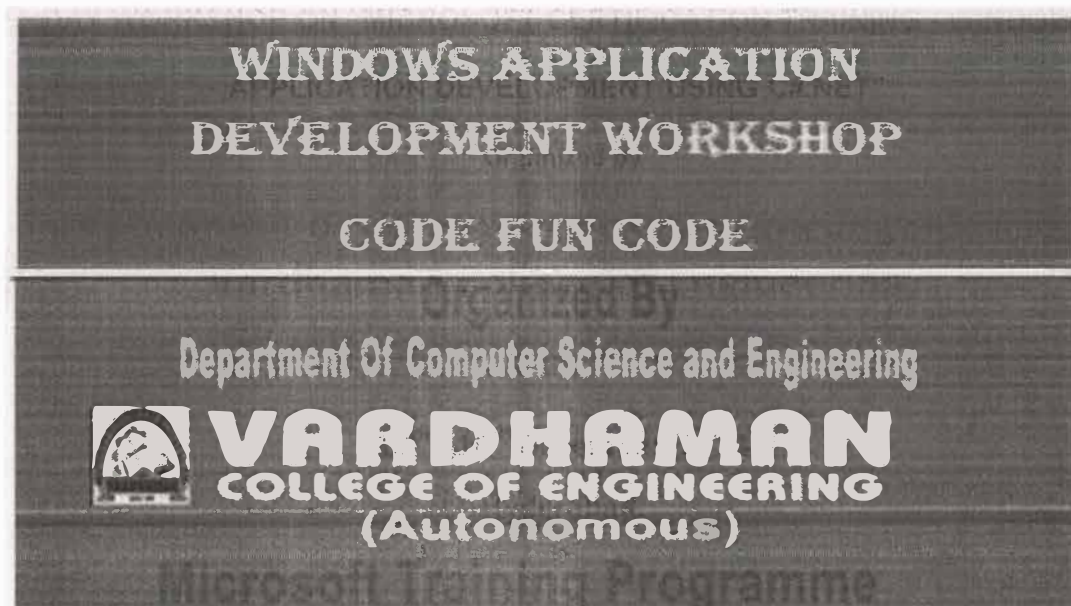## TABLE OF CONTENTS

# VARDHAMAN COLLEGE OF ENGINEERING

### (AUTONOMOUS)
### SHAMSHABAD-501218, HYDERABAD.

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## 6 DAY WORKSHOP ON "MICROSOFT CERTIFICATION TRAINING ON WINDOWS APPLICATION DEVELOPMENT USING C#.NET"

**Date: 10<sup>th</sup> – 16<sup>th</sup> DECEMBER, 2014**
**Timings: 09:40 AM – 4:30 PM.**
**Venue: 1102, 1103 LAB's and Auditorium, Vardhaman College of Engineering.**
**Number of Participants: 151**

**1.SUMMARY:**
Department of Computer Science and Engineering in collaboration with the DevmenIT conducted a workshop on **"Microsoft Certification Training On Windows Application Development Using C#.Net"**. The six-day workshop focused entirely on the basic concepts of windows application development using C#.NET in Microsoft Visual Studio and then moved onto practical implementation of these concepts to develop Windows Applications .
The Entire training program is planned two modules.

1. Introduction to Visual Studio , programming in C#, basics of windows 8 Apps programming, programming on windows 8 controls and then moved onto the Dynamic App Development(**First Five Days**)

2. HACKATHON(**24 hrs non-stop windows application development contest-Sixth Day**)

TARGET STUDENTS:

 The participants of the workshop were students from 3<sup>rd</sup> years of CSE , IT and ECE Branches.

EVENT:
The 6 Day training program began with the inauguration ceremony by the beloved principal Dr.S Sai Satyanarayana Reddy who is also professor of CSE Department followed by speeches of principal sir, Prof.H.Venkateswara Reddy, Convener of this training Program and co-convener Dr. M Gopi Chand.
Later the Instructors from DevmenIT started the training program. The Training program started with the introduction to .NET and Microsoft Visual Studio. The basics of C# programming language were discussed and moved onto windows forms, controls during the first five days of the training program.
The C# programming language basics including windows forms which were learnt during the first five days paved path for the ultimate App Development contest **"HACKATHON-24 hrs non-stop windows application development contest"** on the sixth day.

*2.* OBJECTIVES:

The main objectives of this workshop are:

1. To enhance programming skills in C#.NET among students
2. To increase awareness in windows application development.
3. To prepare students with adequate knowledge for Microsoft certification in windows application development.

3. EXPECTED OUTCOMES OF WORKSHOP:

The following outcomes are expected after the completion of this workshop:

1. The programming skills of students will be improved
2. The industry oriented application development skills will be enhanced among students.

4. PARTICIPANTS:

LIST OF STUDENTS PARTICIPATED:

| S. NO | ROLL NO | NAME OF THE STUDENT | BRANCH |
|-------|---------|---------------------|--------|
| 1 | 11881A0549 | SAMAVEDAM S SUBRAHMANYA SRINIVAS | CSE |
| 2 | 12881A0503 | BOMMIREDDIPALLI ADITYA | CSE |
| 3 | 12881A0504 | AISHWARYA YERKALA | CSE |
| 4 | 12881A0506 | TEMBURNIKAR AKASHAPPA | CSE |
| 5 | 12881A0507 | EDULABAVI AKHIL TEJA | CSE |
| 6 | 12881A0508 | K AKHILA | CSE |
| 7 | 12881A0509 | S AKHILA | CSE |
| 8 | 12881A0510 | ANANDESI AKSHAY KUMAR | CSE |
| 9 | 12881A0511 | AKSHAY KUMAR PANDIT | CSE |
| 10 | 12881A0512 | SANGULUGARI ANIRUDH GOUD | CSE |
| 11 | 12881A0513 | TANNIRU ANKAMMA RAJU | CSE |
| 12 | 12881A0515 | ANUSHA CHINTHALACHERUVU | CSE |
| 13 | 12881A0518 | ARAVIND REDDY G | CSE |
| 14 | 12881A0519 | SOMAVARAPU BALA SAI SANTOSH | CSE |
| 15 | 12881A0520 | BHANUTEJA REDDY KONTAM | CSE |
| 16 | 12881A0521 | KIRTHIKA BHARADWAJ | CSE |
| 17 | 12881A0522 | PAIDIMARRY V S L S BHARADWAJA | CSE |
| 18 | 12881A0523 | SAMREDDY BHARATH REDDY | CSE |
| 19 | 12881A0525 | MATHSA CHANDRAKANTH | CSE |

| S. NO | ROLL NO | NAME OF THE STUDENT | BRANCH |
|-------|---------|---------------------|--------|
| 20 | 12881A0526 | REBBAD CHIDANAND | CSE |
| 21 | 12881A0528 | A DILIP | CSE |
| 22 | 12881A0529 | PUNNA ESHWAR CHANDRA | CSE |
| 23 | 12881A0530 | MOHD FIRDOUSE | CSE |
| 24 | 12881A0532 | SATTI GEETHAREDDY | CSE |
| 25 | 12881A0533 | PANJULA GOWTHAM GOUD | CSE |
| 26 | 12881A0534 | HAJIMALUNG BABA | CSE |
| 27 | 12881A0535 | LALITHA  HARSHA VARDHAN KODAKANDLA | CSE |
| 28 | 12881A0536 | GURRAM HARSHITH REDDY | CSE |
| 29 | 12881A0538 | KOLLIPARA HARSHITHA | CSE |
| 30 | 12881A0539 | MOHD IMTIYAZ AHMED | CSE |
| 31 | 12881A0540 | GOGULA JAGADEESHWAR | CSE |
| 32 | 12881A0544 | KOLLABATHULA JYOTSNA | CSE |
| 33 | 12881A0547 | M KARTHIK | CSE |
| 34 | 12881A0549 | MANCHIRAJU KOUSHIK | CSE |
| 35 | 12881A0553 | K MANISHA | CSE |
| 36 | 12881A0554 | D MANOHAR KUMAR REDDY | CSE |
| 37 | 12881A0555 | KEERTHY MANOJ KUMAR | CSE |
| 38 | 12881A0558 | POLISHETTY MOUNIKA | CSE |
| 39 | 12881A0559 | DONTHI REDDY MOUNIKA | CSE |
| 40 | 12881A0561 | MALREDDY NAGA RITHEISH REDDY | CSE |
| 41 | 12881A0569 | NEELANGE ALLAMA PRABHU RAJ | CSE |
| 42 | 12881A0574 | CHAVALI PRASHANTHI | CSE |
| 43 | 12881A0575 | C PRATYUSHA | CSE |
| 44 | 12881A0576 | MARU PRAVEEN | CSE |
| 45 | 12881A0581 | SHARMA RAHUL | CSE |
| 46 | 12881A0588 | RAVI SANDILYA ADIPUDI | CSE |
| 47 | 12881A0592 | LINGAMNENI SAAKETH | CSE |
| 48 | 12881A0595 | VELIMINETI SAI KIRAN REDDY | CSE |
| 49 | 12881A0596 | THATHARI SAI KIRAN | CSE |
| 50 | 12881A0598 | B SAI KUMAR | CSE |

| S. NO | ROLL NO | NAME OF THE STUDENT | BRANCH |
|-------|---------|---------------------|--------|
| 51 | 12881A0599 | GOPI PAVAN SAI KUMAR | CSE |
| 52 | 12881A05A0 | MUTHYAM SAI KUNAL | CSE |
| 53 | 12881A05A1 | K V P SAI PRANESH | CSE |
| 54 | 12881A05A5 | RAJAPATRUNI SAI SOURABH PATRO | CSE |
| 55 | 12881A05A8 | Y SAI VINEETH REDDY | CSE |
| 56 | 12881A05B3 | KOTHE V S SAISASANK | CSE |
| 57 | 12881A05B6 | M L SAMEER SRIVASTAV | CSE |
| 58 | 12881A05B7 | R SANATH KUMAR REDDY | CSE |
| 59 | 12881A05C3 | MUMMOJU SHARATH CHANDRIKA | CSE |
| 60 | 12881A05D1 | A SHRAVYA | CSE |
| 61 | 12881A05D3 | NANDI SNEHA | CSE |
| 62 | 12881A05D4 | CHENNA SNEHITH | CSE |
| 63 | 12881A05D6 | T SOUJANYA | CSE |
| 64 | 12881A05D7 | K SOURABH | CSE |
| 65 | 12881A05D8 | MADDUR SRAVANTHI | CSE |
| 66 | 12881A05E0 | MANTRIPRAGADA SRI LALITHA SOUNDARYA | CSE |
| 67 | 12881A05E7 | DEVULAPALLI SUBRAHMANYA ADITYA | CSE |
| 68 | 12881A05F0 | KANETI SUJAY GABRIEL | CSE |
| 69 | 12881A05F6 | BALIZA SUSHMA | CSE |
| 70 | 12881A05F7 | J SUSHMITHA REDDY | CSE |
| 71 | 12881A05F9 | JAKKIDI TEJA SRI | CSE |
| 72 | 12881A05G1 | CH VARSHA | CSE |
| 73 | 12881A05G2 | POKALA VARUN KUMAR | CSE |
| 74 | 12881A05G5 | MEDISETTY VENKATA NAGA SWETHA | CSE |
| 75 | 12881A0545 | M KALPANA | CSE |
| 76 | 12881A0560 | N A PRAGNYA | CSE |
| 77 | 12881A05C1 | B SAVITHA | CSE |
| 78 | 12881A0516 | D ANUSHA | CSE |
| 79 | 12881A0517 | K ANUSHA | CSE |
| 80 | 12881A0570 | G PRAHALLAD RAO | CSE |
| 81 | 12881A05F1 | A SUKESH REDDY | CSE |

| S. NO | ROLL NO | NAME OF THE STUDENT | BRANCH |
|-------|---------|---------------------|--------|
| 82 | 12881A0550 | P KRISHNA CHAITANYA | CSE |
| 83 | 12881A05E6 | T Sruthi | CSE |
| 84 | 12881A05F8 | K Swarna | CSE |
| 85 | 12881A05C2 | S Shak Shavali | CSE |
| 86 | 12881A05F5 | M Surya Chandra Reddy | CSE |
| 87 | 12881A05C1 | B Savitha | CSE |
| 88 | 12881A1202 | ABHISHEK Y S | IT |
| 89 | 12881A1204 | AISHWARYA VISHWANATHAM | IT |
| 90 | 12881A1206 | AKHILA V | IT |
| 91 | 12881A1208 | AKSHAY KUMAR MISRA A | IT |
| 92 | 12881A1210 | AMRUTHA B | IT |
| 93 | 12881A1215 | ASHWITH KUMAR MYADAM | IT |
| 94 | 12881A1217 | BHAGYA SHREE RAPOLE | IT |
| 95 | 12881A1218 | BHAJARANGA PRASAD PARIKA | IT |
| 96 | 12881A1225 | JAYA SREE ADUPA | IT |
| 97 | 12881A1228 | KHANINDER K | IT |
| 98 | 12881A1232 | LAVANYA B | IT |
| 99 | 12881A1234 | MANCHIRAJU KOUSTUB | IT |
| 100 | 12881A1235 | MANI MADHURI K | IT |
| 101 | 12881A1238 | NAGAPURI MANOGNA | IT |
| 102 | 12881A1242 | NIKITHA ANANTHULA | IT |
| 103 | 12881A1263 | SAI KRISHNA B | IT |
| 104 | 12881A1264 | SAI KRISHNA C H M J | IT |
| 105 | 12881A1269 | SAI SABARISH MURARI | IT |
| 106 | 12881A1270 | SAI SHARAN N | IT |
| 107 | 12881A1272 | SAI VIJAY NOOKALA | IT |
| 108 | 12881A1275 | MD SAMEER | IT |
| 109 | 12881A1279 | SANTHOSHI JAINI | IT |
| 110 | 12881A1280 | SEETHA KEERTHI | IT |
| 111 | 12881A1281 | SHALINI GEEDI | IT |
| 112 | 12881A1283 | SHIREESHA T | IT |

| S. NO | ROLL NO | NAME OF THE STUDENT | BRANCH |
|-------|---------|---------------------|--------|
| 113 | 12881A1284 | SHIRISHA K | IT |
| 114 | 12881A1291 | SRINIVAS NAIK VAKDOTH | IT |
| 115 | 12881A1292 | SRIUDAYA DAMULURI | IT |
| 116 | 12881A1296 | SURENDRA SHARMA | IT |
| 117 | 12881A1297 | SUSHMA SRAVANI SAREPAKA | IT |
| 118 | 12881A12A0 | UMA RAJAGOPALAN | IT |
| 119 | 12881A12A5 | VINAY RAJ K | IT |
| 120 | 12881A12A9 | YOGADA KANCHARLA | IT |
| 121 | 12881A1240 | K NARENDER | IT |
| 122 | 12881A1250 | PRATYUSH S | IT |
| 123 | 12881A1264 | CH SAI KRISHAN | IT |
| 124 | 12881A0429 | THULLURU BHAVANI DURGA | ECE |
| 125 | 12881A0473 | CH MADHAVI LATHA | ECE |
| 126 | 12881A0499 | NAVEEN KUMAR | ECE |
| 127 | 12881A04C6 | VEMULA PRIYANKA | ECE |
| 128 | 12881A04J0 | THOOTHKU SNEHA | ECE |
| 129 | 12881A04L0 | UDATA SUBHASH | ECE |
| 130 | 12881A04L1 | AJMEERA SURESHNAIK | ECE |
| 131 | 13885A0409 | YAKKALURU JAGADEESH | ECE |
| 132 | 13885A0411 | JANEGALA KRISHNA | ECE |
| 133 | 13885A0415 | PONNEVONI MANI SAI | ECE |
| 134 | 13885A0417 | PASULA NARESH KUMAR | ECE |
| 135 | 13885A0423 | ADEPU RAJA BRAHMA | ECE |
| 136 | 13885A0425 | ALLABOINA RAJKUMAR | ECE |
| 137 | 13885A0426 | BIYYANI RAJU | ECE |
| 138 | 13885A0428 | G RAMAKRISHNA | ECE |
| 139 | 13885A0429 | AMMAGARI SAHITHI | ECE |
| 140 | 13885A0441 | A SRIKANTH | ECE |
| 141 | 13885A0444 | CHATHARAJU SRUJANA | ECE |
| 142 | 13885A0446 | BODDULA SURYA TEJA | ECE |
| 143 | 13885A0447 | MUDDIREDDY VAMSI KRISHNA REDDY | ECE |

| S. NO | ROLL NO | NAME OF THE STUDENT | BRANCH |
|-------|---------|---------------------|--------|
| 144 | 13885A0449 | AVULA VENKATA MOUNIKA | ECE |
| 145 | 12881A04A2 | T. NIKHIL | ECE |
| 146 | 12881A04H8 | CH. SIRISHA | ECE |
| 147 | 12881A04K3 | B. SRI JANANI | ECE |
| 148 | 12881A04L6 | K. SWAPNA | ECE |
| 149 | 12881A0449 | K Harish Reddy | ECE |
| 150 | 12881A0449 | K Harish Reddy | ECE |
| 151 | 12881A04J2 | D Sneha Sri | ECE |

### 5.CONTENTS:

**WORKSHOP SCHEDULE:**
The schedule for six day event was as follows:

| DAYS | SESSION | TOPICS | TRAINING |
|---|---|---|---|
| Day1 (10/12/14) | F.N | Introduction to .NET, introduction to visual studio | Theory |
| | A.N | Programming in C#.net, Programming using windows Forms | Hands ON |
| Day 2 (11/12/14) | F.N | Introduction to Windows 8,Introduction windows 8 Apps, Basic programming in Windows 8 Apps | Theory Hands ON Hands ON |
| | A.N | Programming in Windows 8 Apps | Hands ON |
| Day3 (12/12/14) | F. N | Programming using Windows 8 Controls | Hands ON |
| | A.N | Programming using Windows 8 Controls | Hands ON |
| Day4 (13/12/14) | F. N | Programming using Windows 8 Controls | Hands ON |
| | A.N | Programming using Windows 8 Controls | Hands ON |
| Day5 (14/12/14) | F. N | Dynamic App development | Hands ON |
| | A.N | .NET Fundamentals MTA Course | Theory |
| Day6 (15/12/14) (16/12/14) | 24 Hrs | HACKTHON | Practical |

### 6.HACKATHON:

The 24 hrs non-stop windows application development contest began on 15th Dec, 2014 at 3.25 PM which is continued upto 3.25 PM on 16th Dec, 2014.

The Hackathon Contest started with guidelines given by DevmenIT instructor Mr. Naga Kumar and his team.

The students immediately started the App Development with their creative thoughts. The students continued to transform their creative thoughts into Windows applications till contest ends. In the 24hr journey of APPLICATION DEVELOPMENT CONTEST, the students are not only buzzed with programming but also with entertainment and food carnival.

**7.RESULTS:**

Winning Teams:

| Team | Application Name | Student Name | Position |
|------|------------------|--------------|----------|
| 1 | 1)Dynamic HTML Editor | A.Dilip | WINNER |
| | 2)Password Manager | K.V.S. Sai Sasank | |
| | 3)PowerWall | L. Saaketh | |
| 2 | 1)Game nany | yogada kancharla | 1ST RUNNER |
| | | sri udaya | |
| | 2)Adventurex | Sai sharan | |
| 3 | 1)Bingo | K.Bhanuteja Reddy | 2ND RUNNER |
| | 2)Mind scanner | s.shek shavali | |
| | 3)Premiere T20 leagues | p.bharadhwaja | |

**8. GALLERY:**
**Motivational Talks :**
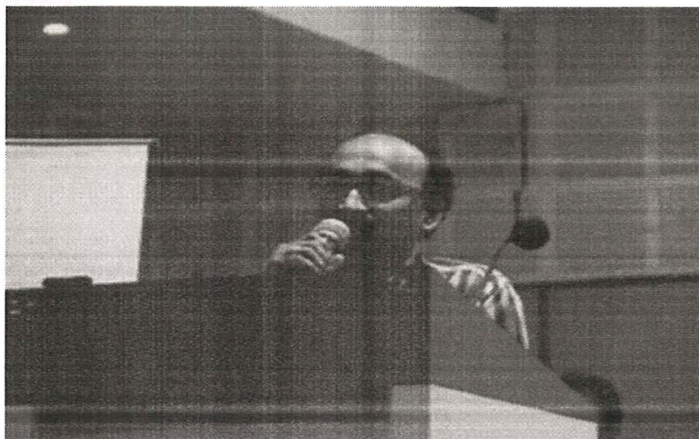


**Instructors Team:**

**Students busy in App Creation:**

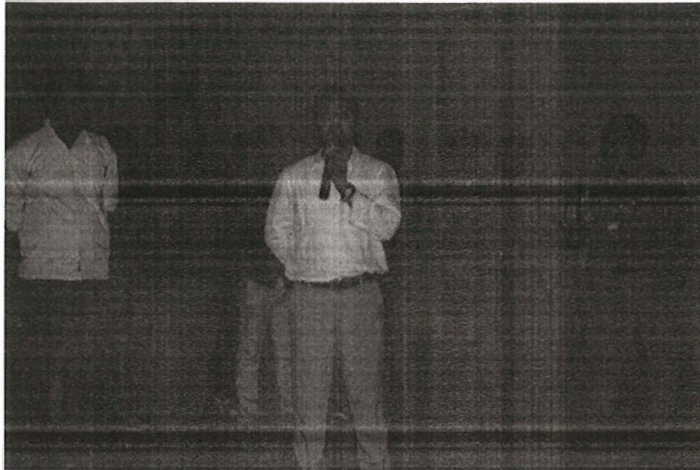**Instructors resolving students queries:**
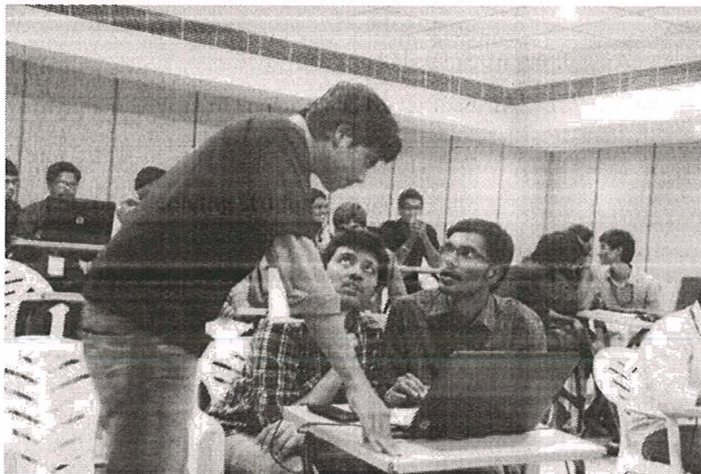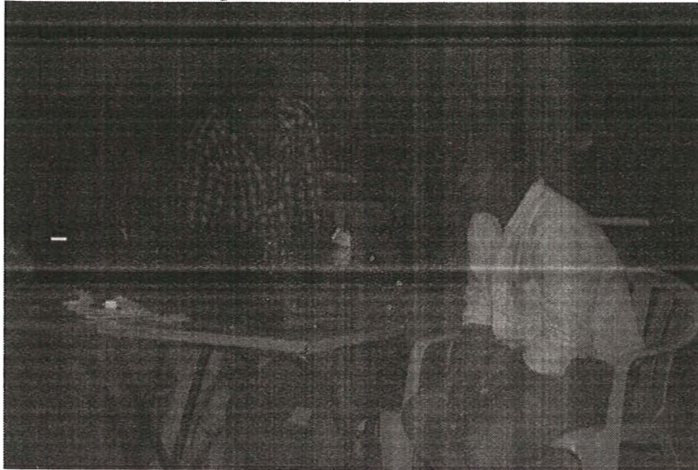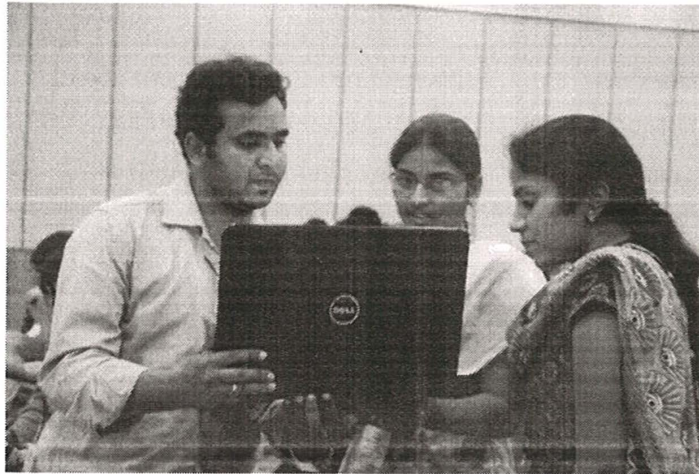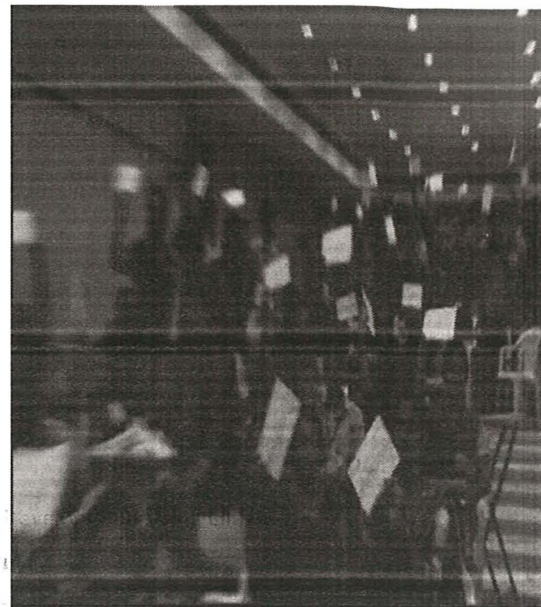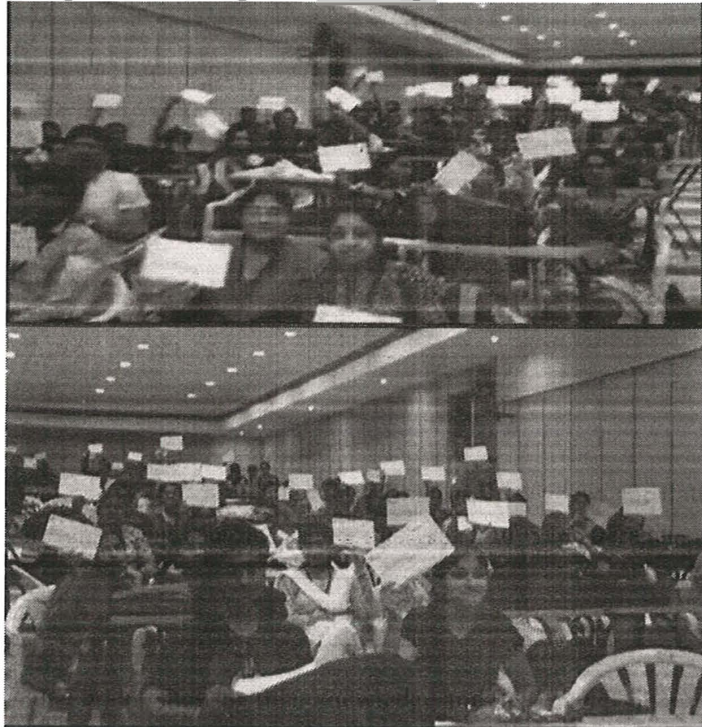
**Student creations being examined:**
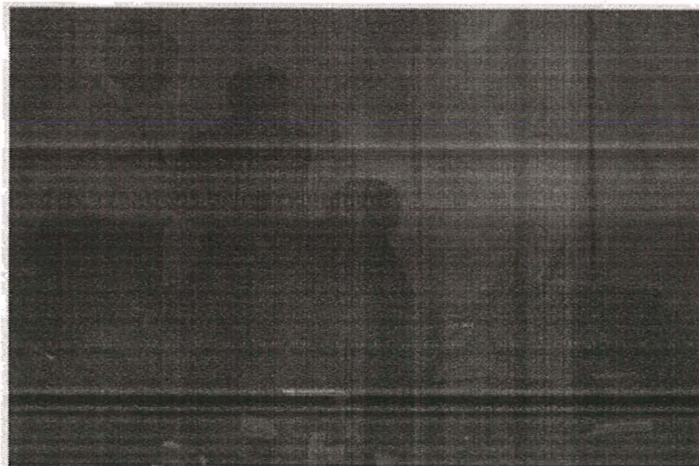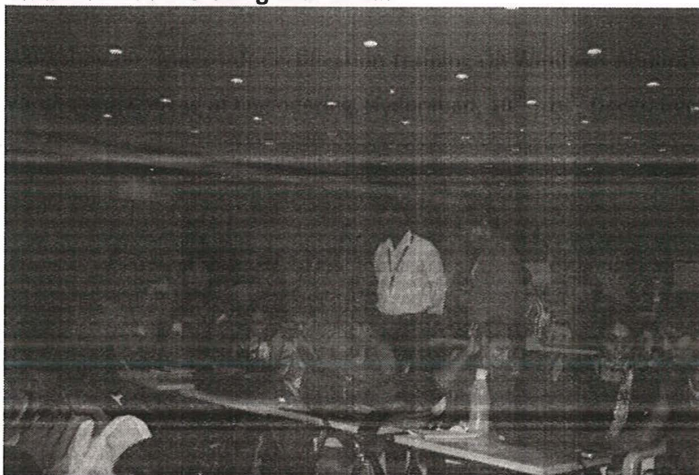
Getting relaxed from programming vexed brains by an entertainment booster given by First Year Students:

**Shining thoughts of Creativity and entertainment blowing out in Campfire:**

Young brains showing their knowledge and skills achievement:



Finally here comes the winner of the 24 hrs APP Development contest..!

**9. Committee**:

**Patron**
Dr. S Sai Satyanarayana Reddy (Principal)

**Convener**
Prof. H.Venkateswara Reddy
HOD, CSE.

**Co-Convener**
Dr. M. Gopi Chand
HOD, IT

**Coordinator**
Mr. K.Srinivas, Assistant professor of CSE

**Organizing Committee:**
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Mr. CH.Sravan Kumar, Assistant professor of CSE
Ms.A.Annapurna, Assistant professor of CSE
Ms.K.Krishnaveni, Assistant professor of CSE
Mr.P.Buddha Reddy, Assistant professor of CSE
Mr.P.Jeevan Kumar, Assistant professor of CSE
Ms.G.Nagamani, Assistant professor of CSE
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Ms.S.Swathi, Assistant professor of IT
Mr.Vinod Bhupathi, Assistant professor of IT
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Ms. E P Vaneetha, Assistant professor of ECE
Mr. B.Srikanth, Assistant professor of ECE
Mr.R.Prasanth, Assistant professor of ECE