



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

**V-TIMES**  
**The College Newsletter**

**Message from the Head of the Institute**

**Message from the Editorial Board**

With almost two decades of Academic Excellence, Vardhaman College of Engineering has always strived to give the students the right intellect and right values. The college is a hub, always dynamic with versatility that range from academics to research, sports to literary activities throughout the year.

V- TIMES, The College Newsletter reflects our dynamism and brings in a glimpse of our proud moments - our accolades, innovations, awards, achievements, our contribution to research and the society, philanthropy etc. round the year. We exhort our students in becoming the ambassadors of our excellence and diversity. These moments will definitely be cherished as memoirs in the annals of Vardhaman history.

We, the members of the Editorial Board thank the management and the Principal for bestowing this responsibility of compiling and editing the Newsletter on us. We are thankful and appreciate the constructive contribution of all the faculty members and HoDs in bringing out this Magazine. We look forward for your suggestions to enrich the quality of compiling and editing.

Chair, V-Times.



**Dr. SULAKSHANA CHILUKURI**, Associate Professor in the Department of ECE since 2017 is the Chairperson for V-Times, the institute newsletter, IIRS Coordinator and V-SAT In Charge.

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**Ms. C. PADMINI**, Assistant Professor in the Department of ECE since 2011 is the Convener for V-Times. EPICS In Charge VCE.

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**Dr. V PARVATHI**, Assistant Professor, Department of Freshman Engineering since 2019 and with more than two decades of experience in teaching, is a member of the college newsletter.

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**Ms.V.Kavitha**, Associate Professor, Department of Freshman Engineering. In Vardhaman since 2004, Member of V-Times.

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**Ms. K. MANIKUMARI**, Pursuing Ph.D from Osmania University, Assistant Professor in the Department of ME since 2008 is Member for V-Times.

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**Dr. P. INDIRA PRIYADARSINI**, Associate Professor, Department of IT, since 2018 with 13 years of teaching experience, BOEIT & Member of V-Times.

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**Ms.GANDAMALLA MADHAVI**, Assistant Professor in the Department of CSE since 2019 has around 10 years of software industry experience, a member of V-Times.

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# VARDHAMAN COLLEGE OF ENGINEERING, HYDERABAD

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## V-TIMES The College Newsletter – April 2020

**April 02, 2020:** The department of CSE has organized ‘Database Quest - Mini Hackathon’ in collaboration with Computer Engineer Technical Association CETA, ACM student chapter.



the resource person for the webinar session on “Outcome Based Education (OBE)” as part of lockdown webinar series for Stumagz, Hyderabad. As part of this webinar series 2, another session on “How to Write Effective Course Outcomes” was conducted on the 8th of April.



**April 04, 2020:** A webinar on the topic ‘Volunteer Experience, Skill Boosting, Role of Women in Computer Science and Preparing for Upcoming Industry Challenges’ was organized by the Women in Engineering Affinity Group under IEEE VCE Student Branch. Ms Niharika Vanka and Mr Pravan Paturi were the speakers who motivated students on the importance and benefits of Soft Skills and Technical Skills. The session was attended by 55 students.



**April 06, 2020:** “IEEE CS EKALAVYA” a test to Test Your Engineering Skills against Competitive Exams” which is a Model GATE Online Exam was organised by the department of Computer Science department under Computer Engineer Technical Association (CETA) in association with IEEE VCE Student Chapter. Around 680 students registered for this online exam and top ranks have been bagged by Vardhaman students.

**April 06-08, 2020:** IEEE Dr. Rajanikanth Aluvala Professor & HOD, CSE department was



**April 11, 2020:** The department of CSE has organized a webinar on 'Flask' under IEEE Computer Society Hyderabad Section. The resource person was Mr M Pranay Kashyap, Secretary, IEEE VCE CS. The webinar is a micro web framework written in 'python' which consists of Development server, debugger and Integrated support for unit testing etc. This webinar is open for all students across India.

**April 08, 2020:** The department of CSE has organized a webinar on 'GitHub' under IEEE Computer Society Hyderabad Section. GitHub Inc. is a US-based global company and a subsidiary of Microsoft, provides hosting for software development version control using Git. This webinar was open for all students across India.



**April 18, 2020:** The department of CSE has organized a webinar on 'Implications of Covid'19 Issue on Current Engineering Graduates' under IEEE Vardhaman Education Society Hyderabad Section. Mr. Durga Naveen is a Technical expert in COIGN and handled projects like High Points Learning, DDC (USA), LPO (Legal process Outsourcing) etc. and is passionate about transforming the careers of Engineering graduates.

**April 10, 2020:** Dr. Rajanikanth Aluvala, HOD, CSE department and Treasurer, IEEE Computer Society Chapter, IEEE Hyderabad Section has been elevated to the grade of senior member by IEEE Professional Society.



IEEE VCE SB PRESENTS

**webinar on Implications of Covid'19 issue on Current Engineering Graduates**

by **Durga Naveen Kandregula**

IN ASSOCIATION WITH:

IEEE PES  
IEEE EDUCATION SOCIETY CHAPTER

APRIL 18TH, 05:00 PM TO 06:30 PM

Last date to register: APRIL 17TH, 2020  
REGISTER AT: <https://bit.ly/pes-vce-covid>

**April 19, 2020:** The department of CSE has organized a webinar on “Opportunities of Data Science” in association with IEEE Vardhaman Education Society Hyderabad chapter and IEEE Vardhaman PES Chapter. Mr Vijay Pravin Maharajan, TEDx speaker and an expert in Data Analytics was the resource person for this webinar. This webinar was open to all students.

IEEE VCE SB PRESENTS

**Webinar on Opportunities on Data Science**

by **VIJAY PRAVIN MAHARAJAN**

IN ASSOCIATION WITH:

IEEE PES  
IEEE EDUCATION SOCIETY CHAPTER

APRIL 19TH, 05:00 PM TO 06:30 PM

Last date to register: APRIL 18TH, 2020  
REGISTER AT: <https://bit.ly/pes-datascience>

**April 20-21, 2020:** Ms. A. Jaya Lakshmi, Assistant Professor from the department of ECE attended an online FDP on ‘Virtual Teaching’ organized by Coimbatore Institute of Technology.

Teaching Learning Centre  
(Under PMMHMTT Scheme, Department of Higher Education, MHRD, Govt)  
Coimbatore Institute of Technology  
(Government Aided Autonomous Institution)

**Certificate of Participation**

This is to certify that

**Ms. Jaya Lakshmi A, Assistant Professor**  
ECE, Vardhaman College of Engineering  
has attended Two-Day FDP on  
**Virtual Teaching**  
conducted by CIT – TLC  
on April 20 & 21, 2020  
through online mode

Unique Certificate Number: CITU71998XTLC Certificate Issued Date: 12 May 2020

**April 20-24, 2020:** Dr. J. Krishna Chaitanya, Associate Professor and Ms. M. Srilatha, Assistant Professor from the department of ECE attended online FDP on Curriculum Implementation, Internet of Things (IoT) (Atal) Organized by National Institute of Technical Teachers Training and Research, Chandigarh.

**April 21, 2020:** The department of CSE has organized a webinar on “Image Processing and its Applications” under IEEE Vardhaman Education Society, Hyderabad section. The event was attended by the students across India for which Dr Abhishek Appaji was the resource person.

IEEE VCE SB PRESENTS

**Webinar on Image Processing and its Applications**

by **Dr. Abhishek Appaji**

IN ASSOCIATION WITH:

IEEE PES  
IEEE Computer Society

APRIL 21st, 05:00 PM TO 06:30 PM

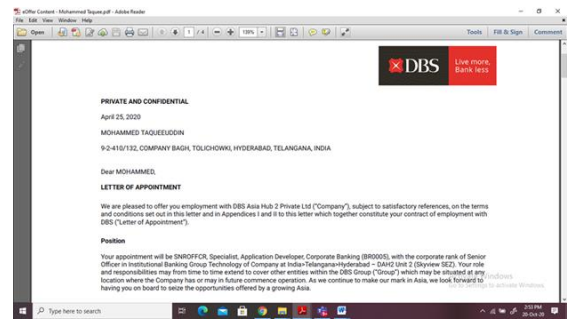
Last date to register: APRIL 20th, 2020  
REGISTER AT: <https://bit.ly/pes-ip>

**April 22, 2020:** Dr. J. Krishna Chaitanya, Associate Professor from ECE department delivered an online guest lecture on 'Orientation on Active Learning Methodologies' organized by the department of Civil Engineering, VCEH.

**April 22, 2020:** A webinar on 'Evolution of Talent Acquisition in the Current Times' was organized by Women in Engineering Affinity Group under IEEE VCE Student Branch. Mr. Vikas Dua, HR Transformation Leader, Tedx Speaker, Campus Collaborator was the resource person and has highlighted on interviewing skills and knowledge sharing. 50 students have attended the session and gained knowledge on the topics discussed.



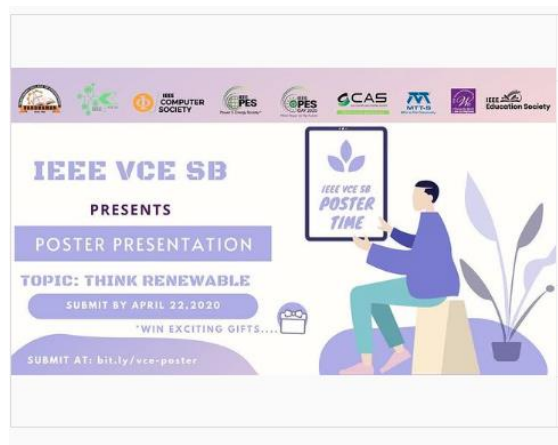
**April 25, 2020:** Mohammed Taqueeddin, from the Department of Information Technology has placed in DBS Asia Hub 2 private Ltd, as Application Developer with a pay of 7LPA.



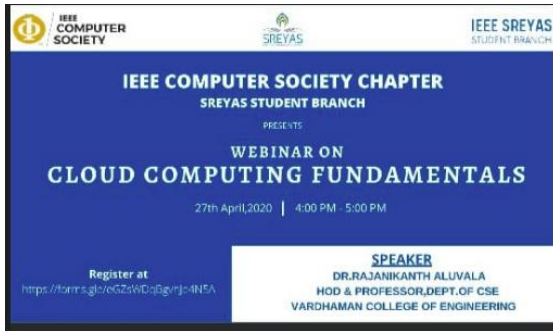
**April 22, 2020:** The department of CSE has organized an "Article Writing Contest" under IEEE Vardhaman Computer Society Hyderabad Section.



**April 22, 2020:** The department of CSE has organized a "Poster Presentation" on the topic "Think Renewable" under IEEE Vardhaman Computer Society Hyderabad Section. Students from all over India have participated and prizes to the winners were announced.



**April 27, 2020:** Dr. Rajanikanth Aluvala, Professor and HOD, CSE department has delivered a webinar on "Cloud Computing Fundamentals" under IEEE CS, Student Branch at Sreyas Institute of Technology, Hyderabad.



**April 30, 2020:** The department of CSE has organized a webinar on “Career and Employment Opportunities Post Covid - 19” under IEEE Vardhaman Education Society Hyderabad Section. The resource person was Dr Pawan Dwivedi, Registrar, P Savars University and attended by students from all over India.





# VARDHAMAN COLLEGE OF ENGINEERING, HYDERABAD

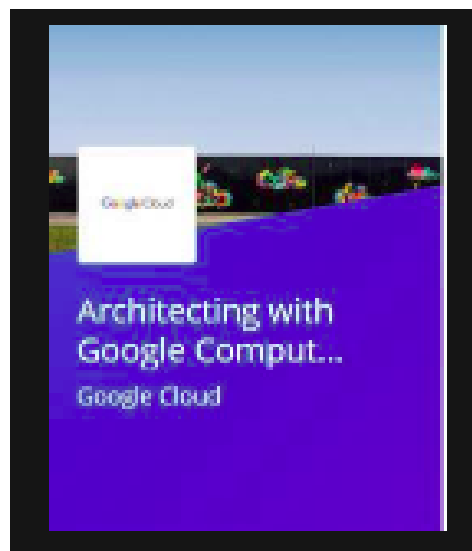
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## V-TIMES The College Newsletter – May 2020

**May 02, 2020:** Dr. Rajanikanth Aluvala HOD, CSE department was the resource person for the webinar session on "Preparing Effective Business Plan" for Wission Talks, Hyderabad.



**May 02, 2020:** The Department of computer science and Engineering has taken up the challenge for students to improve their latest technological skills in Google cloud, which Sponsored Associate Cloud Engineer (ACE) certification program to our students. The ACE programme consists of around 5 courses relevant to architecting with Google compute Engine. Students participation and excellent performance of the students in these courses talks about the enthusiasm and dedication of our students.



**May 03, 2020:** The department of CSE has organized a webinar on "Advances in Machine Intelligence" by IEEE Vardhaman Education Society. The resource person for this event was Prof. Santosh Chapaneri, Dept. of ECE, St. Francis Institute of Technology, Mumbai.



**May 04, 2020:** The Department of Mechanical Engineering organized an online guest lecture on 'Finite Element Simulation with SIMULIA', the resource person for the event was Mr. Prakash Paggadala, Technical Analyst, DASSAULT SYSTEM, Bangalore, and the session was attended by 35 attendees.



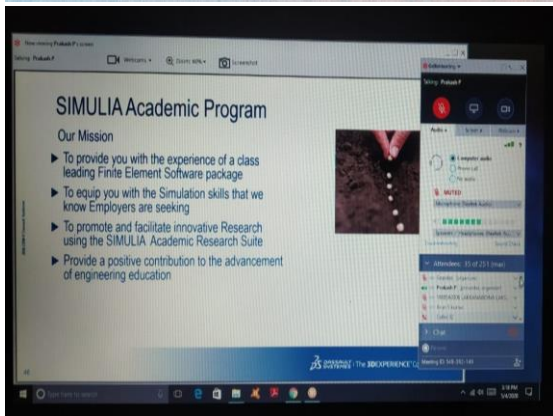
**VARDHAMAN COLLEGE OF ENGINEERING**  
(Autonomous)  
Shamshabad-501 218, Hyderabad.  
Approved by AICTE, New Delhi, Affiliated to JNTUH  
Accredited to NAAC with 'A' and ISO 9001:2008 Certified

**Department of Mechanical Engineering**

**Organizing a guest lecture on**  
**Finite Element Simulation with SIMULIA**

Resource Person  
**Mr. Prakash Paggadala**  
Technical Analyst  
DASSAULT SYSTEMS, Bangalore

Date : 4th May, 2020.  
Time: 2:30pm.



**May 04, 2020:** The department of CSE has organized a webinar on “Myths and Facts on Data Science” by IEEE Vardhaman Education Society. Mr. Madhu Vadlamani, Senior Lead-Web and Data Analytics, Growth Hacker was the speaker for the event from Kony, Inc. Students from all over India participated in this event.

**IEEE VCE SB**  
presents  
**Myths and facts on Data Science**

**Madhu Vadlamani**  
Sr. lead - Web & Data Analytics,  
Speaker,  
Growth hacker,  
Marketing Specialist

Event Link: [https://bit.ly/data-sci\\_vce](https://bit.ly/data-sci_vce) Date: 04-05-2020 Time: 11:00am - 12:00pm

IEEEVCE5B

**May 05, 2020:** The department of CSE has organized a webinar on “Big Data & Big Data Analytics” by IEEE Vardhaman Education Society. Dr. Hemant Gianey, the resource person was an expert in Big Data Analytics, Data Mining, and Machine learning, is a Faculty from Thapar Institute of Engineering & Technology, Deemed University, Punjab.

**IEEE VCE SB**  
presents  
**Big Data & Big Data Analytics**

**Dr. Hemant Gianey**  
Big Data Analytics  
Data Mining,  
Machine Learning.

Event Link: [https://bit.ly/BDA\\_VCE](https://bit.ly/BDA_VCE) Date: 05-05-2020 Time: 12:30am - 02:00pm

IEEEVCE5B

**May 06, 2020:** The Department of Mechanical Engineering organized a guest lecture on ‘Multi Physics’ for Students and faculty. Around 35 members attended the lecture. The resource person was Mr. Karthik Reddy Lythakula, M.Tech, IISC Bangalore, Ph. D research scholar, North California University, USA.

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**Department of Mechanical Engineering**

**Organizing a guest lecture on**  
**‘Multi Physics’**

Resource Person  
**Mr. Karthik Reddy Lythakula**  
(M.Tech, IISC Bangalore)  
PhD Research Scholar  
Department of Mechanical Engineering  
North California State University, USA

Date: Wednesday, 06 May 2020  
Time: 10:00 am, IST Time zone in India (GMT+5:30)

**MECHANICAL ENGINEERING**



**May 06, 2020:** The department of CSE has organized a webinar on “Securing Right Job: Challenges and Preparations” by IEEE Vardhaman Education Society. The Resource person was Mr. Emmanuel Gosula, Senior Resource Development Manager from EPAM Systems.



**May 06-07, 2020:** Dr. Sadguna Nuli, Professor, department of Civil Engineering was the resource person and delivered a talk on “Concepts, Theory and practice of Road Pricing Schemes- Lessons Learned and Way Forward” in two day workshop organized by BITS, Pilani.



**Prasanta Sahu, Ph.D.**  
Assistant Professor  
Department of Civil Engineering  
Birla Institute of Technology and Science Pilani – Hyderabad Campus  
Visiting Professor, University of Regina, Canada  
Vising Professor, Cardiff University, Wales, UK

**Dr. Prof. Sadguna Nuli**  
Professor, Transportation Systems Engineering  
Department of Civil Engineering  
Vardhaman College of Engineering  
Shaunabad Road, Kacharam, Hyderabad 501218, Telangana, India  
Tel.: 91 9029713451  
Email: [nulisadguna@gmail.com](mailto:nulisadguna@gmail.com)

**RE:** Invitation to the SPARC Workshop on *Concept, Theory and Practices of Road Pricing Schemes: Lessons Learned and Way Forward*, March 06 – 07, 2020 at Birla Institute of Technology and Science Pilani, Hyderabad, India.

I am pleased to invite you as a **Panelist** in the panel discussion forum of the SPARC Workshop on *Concept, Theory and Practices of Road Pricing Schemes: Lessons Learned and Way Forward*, March 06 – 07, 2020 at Birla Institute of Technology and Science Pilani (BITS Pilani), Hyderabad, India. The SPARC (Scheme for Promotion of Academic and Research Collaborations) is administered by the Ministry of Human Resource Development, Govt. of India and promotes collaborative research between Indian and Foreign faculty. <http://www.sparc.iiitg.ac.in/>. This workshop is being conducted as part of the following ongoing SPARC Project undertaken by BITS Pilani at Hyderabad with Cardiff University and Newcastle University, UK.

**P1078: Congestion Pricing: Planning for optimal strategies and considers behavioral implications under different pricing schemes.**

Please let us know your acceptance of the invitation to make necessary arrangements at our end. I look forward to your visit at BITS Pilani – Hyderabad for the workshop.

Best regards  
*Prasanta Sahu*  
Prasanta Sahu



**May 07-08, 2020:** Dr Y Sridevi, Assistant Professor, Department of Freshman Engineering served as the resource person for the TEQIP III online Three-Week Summer Training Program on ‘Personality Development and Communication Skills’ organised for the

UG students of UCET, Bikaner Technical University. This training program was offered by the department of Science and Humanities, JNTUA college of Engineering, Ananthapur in association with Bikaner Technical University. She presented lectures on ‘Verbal and Non-Verbal Communication Skills’ and ‘Sounds of BBC English Accent’ on 7 and 8 May respectively.

**May 08-19, 2020:** The first Indo-China Research Webinar Series 2020 in Civil and Environmental Engineering was organised in collaboration with Dr. Ankit Garg, Associate Professor, Shantou University, China, (Dr.) Chandresh H. Solanki, Professor, SVNIT, Surat & Indian Geotechnical Society Surat Chapter, Gujarat, India, Dr. Chandra Bogireddy, Assistant Professor, Vardhaman College of Engineering, Hyderabad, India and Dr. Junwei Liu, Vice Dean & Associate Professor, Qingdao University of Technology, China.

In the Indo-China research webinar around 16 technical sessions were held with 8 Speakers each from Universities in China and India. The total participants of all sessions put together was more than 5000.

Date and Time	Name	Designation	Topic
8 <sup>th</sup> May China Time: 1:00 PM India Time: 10:30 AM	Dr. Ankit Garg	Associate Professor Department of Civil Engineering, BITS Pilani Hyderabad, India <a href="https://www.bits-pilani.ac.in/hyderabad/gargay@bitspilani">https://www.bits-pilani.ac.in/hyderabad/gargay@bitspilani</a>	Performance evaluation of InCLT walls joints by replacing with building floor slab
8 <sup>th</sup> May China Time: 2:00 PM India Time: 11:30 AM	Prof. Chandresh H. Solanki	Department of Civil and Environmental Engineering, Shantou University, China <a href="http://eng.usst.edu.cn/Detail/Article_SML.aspx?SML_ID=219">http://eng.usst.edu.cn/Detail/Article_SML.aspx?SML_ID=219</a>	Optimal Overlaying in Multilane Freeway on the Basis of Current and Shock Resistance
9 <sup>th</sup> May China Time: 1:00 PM India Time: 10:30 AM	Dr. Chandra Bogireddy	Assistant Professor Civil Engineering, Department Vardhaman College of Engineering, Hyderabad, India <a href="https://vardhaman.org/vars333/bogireddy">https://vardhaman.org/vars333/bogireddy</a>	Rapid Assessment of Compressible Behaviour of Cherry Stem: Experimental and FEM
9 <sup>th</sup> May China Time: 7:00 PM India Time: 11:30 AM	Dr. Junwei Liu	Assistant Professor Department of Civil and Environmental Engineering, Shantou University, China <a href="https://www.usst.edu.cn/Detail/Article_SML.aspx?SML_ID=219">https://www.usst.edu.cn/Detail/Article_SML.aspx?SML_ID=219</a>	Wind induced response control of adjacent high-rise building facade by FDR

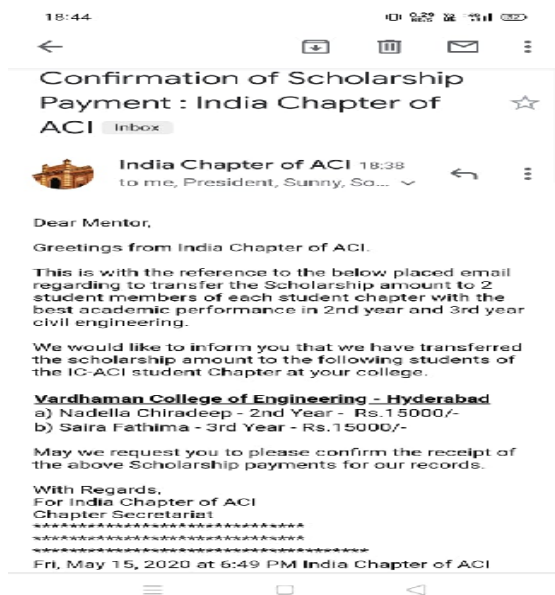
11 <sup>th</sup> May China Time: 7:00 PM India Time: 10:30 AM	Prof. S. V. Manoj	Professor, Department of Civil Engineering, S. V. Manoj Institute of Technology, Sava, Coimbatore, India – 562 007 <a href="http://www.svmait.edu.in">www.svmait.edu.in</a>	Quick Estimation of Foundation Settlement for Adjacent Deeply
11 <sup>th</sup> May China Time: 7:30 PM India Time: 11:30 AM	Dr. Ting Song	Assistant Professor College of Civil Engineering, Fuzhou University, China Ministry of Education (MOE) Key Laboratory for soft soils and Geotechnical Engineering, Fuzhou University, China <a href="https://www.soceng.fuzhou.cn/jc/eng_smp/">https://www.soceng.fuzhou.cn/jc/eng_smp/</a>	Analytical study of pore-water pressure distribution and diffuse slip-slipability in an infinite slope with diffuse rock interfaces
12 <sup>th</sup> May China Time: 10:00 PM India Time: 10:30 AM	Dr. G. V. Raju	Assistant Professor Department of Civil Engineering Nasser Institute of Technology, Warangal - 506014, Telangana, INDIA <a href="http://www.nitw.ac.in/india/nitw/">http://www.nitw.ac.in/india/nitw/</a>	Statistical Approaches of Seismic shear strength parameter of rock mass
12 <sup>th</sup> May China Time: 2:30 PM India Time: 11:30 AM	Prof. Anand Chak	Professor, Department of Civil and Environmental Engineering, Shantou University, China <a href="https://www.usst.edu.cn/Detail/Article_SML.aspx?SML_ID=219">https://www.usst.edu.cn/Detail/Article_SML.aspx?SML_ID=219</a>	Shear Modulus of Polymer bearing geogrids under cyclic loading
14 <sup>th</sup> May China Time: 1:30 PM India Time: 10:30 AM	Dr. Anand Chak	Professor, Department of Building, IIT Roorkee, India <a href="http://www.bme.iitr.ac.in/">www.bme.iitr.ac.in/</a>	Engineered Bioremediation of Polluted Land and Overburden Sites
14 <sup>th</sup> May China Time: 2:30 PM India Time: 11:30 AM	Dr. Chandra Bogireddy	Professor, School of Earth Sciences and Engineering, Peking University, China <a href="http://www.seas.pku.edu.cn/people/Chao-Sheng_Tang">http://www.seas.pku.edu.cn/people/Chao-Sheng_Tang</a>	Mechanical Behavior of Concrete Fiber-reinforced soil from repeated







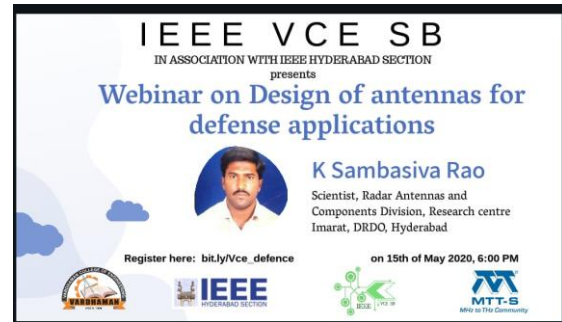
**May 15, 2020:** Mr. Nadella Chiradeep from second year and Ms. Saira Fathima from third year of Civil Engineering department has received IC-ACI scholarship of Rs. 15,000/- each.



**May 15-16, 2020:** Dr. P. Nageshwar Rao, Professor from department of ECE was the resource person for the one-week online FDP on “Microstrip Antennas for Advanced Wireless Communications” organized by ECE Department, Kallam Harshavardhan Reddy Institute of Technology, Guntur.

**May 15, 2020:** IEEE MTT-S Vardhaman Student Chapter in association with IEEE MTT-S Hyderabad section organized a webinar on “Design of the Antennas for Defence Applications”. The resource person was Mr. K Sambasiva Rao, Scientist, Radar Antennas and Components Division, RCI, DRDO, Hyderabad.

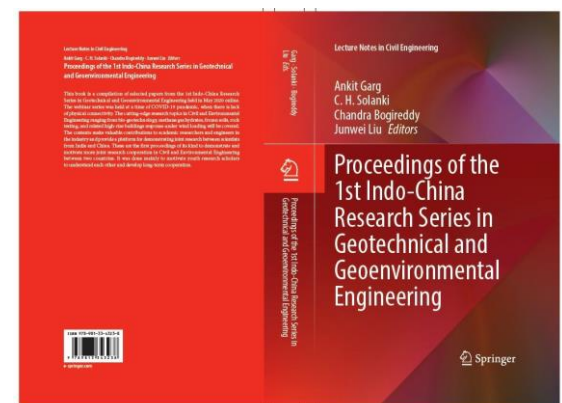
169 participants attended and gained knowledge from this webinar.



**May 19 - 02 June, 2020:** A two-week online workshop on ‘EM CAD Tool - Ansys HFSS’ was organized by the IEEE VCE SB MTT-S Student Chapter in association with department of ECE. The sessions were handled by experts from RF and MWE Domain. 60 students from II and III-year attended the workshop.

Vardhaman College of Engineering IEEE Microwave Theory and Techniques Society Presents a 14 Day Workshop On <b>EM CAD Tool - Ansys HFSS</b> RF and MWE Domain Experts		Training Schedule																														
<b>Date:</b> 19 <sup>th</sup> May - 02 <sup>nd</sup> June 2020 <b>Time:</b> 10:00 - 19:00	<b>Abstract:</b> Ansys designs and analyses engineering electronic systems for use across the product life cycle. Ansys HFSS (High-Frequency Structure Simulator) software is used to simulate complex geometries of periodic structures, flat face, and other structures. Ansys is used to determine how a product will behave with different specifications, without building the products or conducting costly tests. For example, Ansys software can simulate how a hybrid microstrip antenna will perform. Ansys is key process option in a company to reduce waste, or how to design a slab that can be formed without warping safety.	<table border="1"> <tr><td>19/05/20</td><td>Antenna Fundamentals: Introduction to Electromagnetic Waves</td></tr> <tr><td>20/05/20</td><td>Microstrip antenna feeding techniques: Radiation patterns</td></tr> <tr><td>21/05/20</td><td>Design of Microstrip Patch antenna using Proter-IEEE</td></tr> <tr><td>22/05/20</td><td>Design of Microstrip Patch antenna using Proter-IEEE</td></tr> <tr><td>23/05/20</td><td>Design of Microstrip Patch antenna using Proter-IEEE</td></tr> <tr><td>24/05/20</td><td>Design of Microstrip Patch antenna using Proter-IEEE</td></tr> <tr><td>25/05/20</td><td>Design of Microstrip Patch antenna using Proter-IEEE</td></tr> <tr><td>26/05/20</td><td>Design of Microstrip Patch antenna using Proter-IEEE</td></tr> <tr><td>27/05/20</td><td>Design of Microstrip Patch antenna using Proter-IEEE</td></tr> <tr><td>28/05/20</td><td>Design of Microstrip Patch antenna using Proter-IEEE</td></tr> <tr><td>29/05/20</td><td>Design of Microstrip Patch antenna using Proter-IEEE</td></tr> <tr><td>30/05/20</td><td>Design of Microstrip Patch antenna using Proter-IEEE</td></tr> <tr><td>31/05/20</td><td>Design of Microstrip Patch antenna using Proter-IEEE</td></tr> <tr><td>01/06/20</td><td>Design of Microstrip Patch antenna using Proter-IEEE</td></tr> <tr><td>02/06/20</td><td>Design of Microstrip Patch antenna using Proter-IEEE</td></tr> </table>	19/05/20	Antenna Fundamentals: Introduction to Electromagnetic Waves	20/05/20	Microstrip antenna feeding techniques: Radiation patterns	21/05/20	Design of Microstrip Patch antenna using Proter-IEEE	22/05/20	Design of Microstrip Patch antenna using Proter-IEEE	23/05/20	Design of Microstrip Patch antenna using Proter-IEEE	24/05/20	Design of Microstrip Patch antenna using Proter-IEEE	25/05/20	Design of Microstrip Patch antenna using Proter-IEEE	26/05/20	Design of Microstrip Patch antenna using Proter-IEEE	27/05/20	Design of Microstrip Patch antenna using Proter-IEEE	28/05/20	Design of Microstrip Patch antenna using Proter-IEEE	29/05/20	Design of Microstrip Patch antenna using Proter-IEEE	30/05/20	Design of Microstrip Patch antenna using Proter-IEEE	31/05/20	Design of Microstrip Patch antenna using Proter-IEEE	01/06/20	Design of Microstrip Patch antenna using Proter-IEEE	02/06/20	Design of Microstrip Patch antenna using Proter-IEEE
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31/05/20	Design of Microstrip Patch antenna using Proter-IEEE																															
01/06/20	Design of Microstrip Patch antenna using Proter-IEEE																															
02/06/20	Design of Microstrip Patch antenna using Proter-IEEE																															
<b>Registration:</b> Registration for this online course is free for both IEEE and non-IEEE members. <b>Registration is open to all interested persons who are required to register.</b> <b>For the Participants:</b> <a href="https://www.abr.org/CMS/Content/PHP">https://www.abr.org/CMS/Content/PHP</a>	<b>Speakers:</b> 1. Dr. P. Nageshwar Rao, Professor and Head of ECE and Vice-Chancellor, RCI, P. 2. Dr. C. R. Chakraborty, Associate Professor, RCI, P. 3. Dr. Lakshmi Chakraborty, Associate Professor, RCI, P. 4. Dr. N. S. Reddy, Associate Professor, RCI, P. 5. Dr. N. S. Reddy, Associate Professor, RCI, P. 6. Dr. N. S. Reddy, Associate Professor, RCI, P.	<b>Coordinator:</b> 1. Student Program Lead - Dr. P. Nageshwar Rao <b>Faculty:</b> 1. Dr. P. Nageshwar Rao, Professor and Head of ECE and Vice-Chancellor, RCI, P. 2. Dr. C. R. Chakraborty, Associate Professor, RCI, P. 3. Dr. Lakshmi Chakraborty, Associate Professor, RCI, P. 4. Dr. N. S. Reddy, Associate Professor, RCI, P. 5. Dr. N. S. Reddy, Associate Professor, RCI, P. 6. Dr. N. S. Reddy, Associate Professor, RCI, P.																														

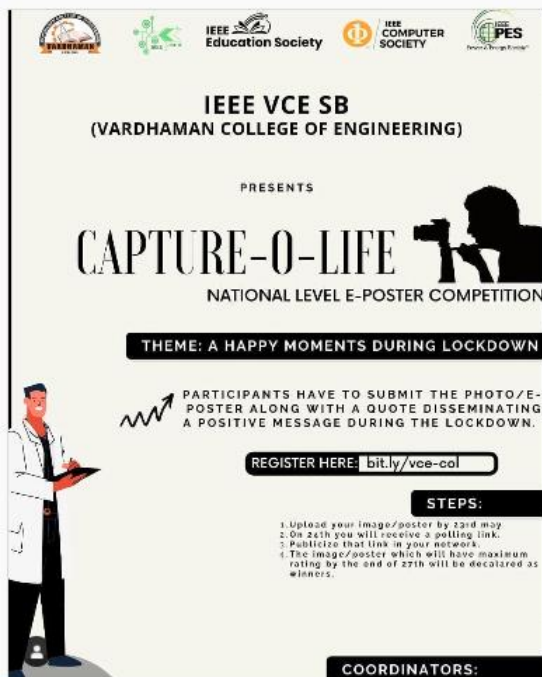
**May 20, 2020:** Dr. Chandra Bogireddy, Assistant Professor of Civil Engineering department was the Editor for Proceedings of the 1st Indo-China Research Series in Geotechnical and Geoenvironmental Engineering, Lecture Notes in Civil Engineering, Springer, ISBN:978-981-334-323-8.





**May 21, 2020:** A National level E-Quiz on “Strength of Materials” was conducted by the Department of Civil Engineering through online platform. The number of participants were 100.

**May 21-25, 2020:** The Department of Computer Science and Engineering has organized an event “CAPTURE-O-LIFE”, a National level E-Poster competition on the theme ‘A Happy Moment During Lockdown’ by IEEE Vardhaman Education Society.



**May 23, 2020:** Under the title ‘Defeated but not failed: Reach your Destiny’, IEEE Women in Engineering Affinity Group under IEEE Vardhaman Student Branch organized a webinar on the topic “Bridging the Gap Between Academia and VLSI Industry”. The speaker Mr. Ramakrishna VNV, Member of Technical Staff, AMD, Hyderabad gave an overview on VLSI Design Flow both Frontend and Backend. 50 students benefitted from it.



**May 24, 2020:** Mr. A national level E-Quiz on “Geotechnical Engineering” was conducted by the department of Civil Engineering through online platform. The quiz was attempted by 150 participants.

**May 26, 2020:** The department of Computer Science and Engineering has organized a Webinar on “Covid 19 Effect on Future IT Jobs” by IEEE Vardhaman Computer Society. The resource person for the event was Mr Venkat Kotapati, CEO of Vivilex Technologies.



**May 26, 2020:** G. Madhavi, Assistant Professor from CSE department has successfully completed the learning plan RPA Developer Foundation and was awarded a Diploma of Completion certificate by UiPath: Robotic Process Automation. Robotic process automation is a form of business process automation technology based on metaphorical software robots or on artificial intelligence /digital workers. It is sometimes referred to as software robotics.



**May 26, 2020:** Dr. Chandra Bogireddy, Assistant Professor, department of Civil Engineering was the resource person and delivered a talk on “Global Trends in Civil & Infrastructural Engineering” held during 26-20 May in FDP program organized by the Department of Civil Engineering, Institute of Aeronautical Engineering.



**May 27-29, 2020:** A 3- day webinar series was organized by the department of Freshman Engineering for all the I-year students. Faculty from the department, Dr P Sarah, Dr Shashi Devi, Dr Basanth Kumar, Dr Nilakantha Tripathy, Dr. Biplab Kumar Chatterjee and Dr. Soumyaranjan Mohapatra were the resource persons for the webinar series.

**May 30, 2020:** Dr. Chandra Bogireddy, Assistant Professor, department of Civil Engineering was the resource person and delivered a talk on “Analysis and Design Parameters in Geotechnical Engineering” organized by Sree Venkateswara College of Engineering, Kodavaluru, Nellore.







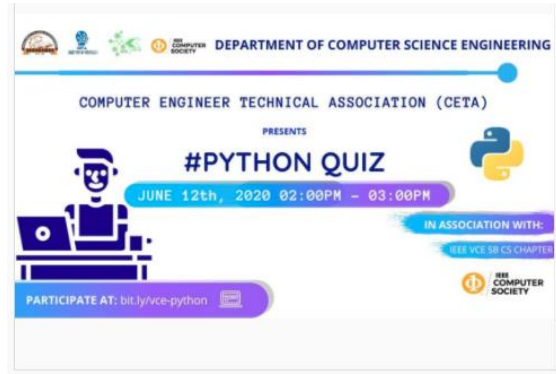
**June 10, 2020:** The Department of Information Technology has signed a Memorandum of Understanding with TalentSprint Private Limited. TalentSprint has launched TalentSprint Center of Excellence (TSCOE) to provide exposure to emerging industry needs for final year and third year students.

**June 10-14, 2020:** The department of EEE has conducted a five-day FDP on "Recent Trends in Power Electronics and Energy Storage Systems" for Internal and external faculty and for M. Tech students. The number of internal faculty attended were 29, external faculty 46 and 14 students all put together 89 members have benefited from this webinar. The resource persons were from IITs and NITs.

**June 11, 2020:** A Guest Lecture on 'Filing a Patent and Copyright' was organized by the department of Freshman Engineering through online mode. The resource persons were Mr

Param Doshi, Business Development Manager, IP Curate Labs and Mr Jaspreet Singh, Manager, Verispire. The session was attended by all the faculty members of the department.

**June 12, 2020:** The department of CSE has organized a quiz on "PYTHON" in association with IEEE Vardhaman Computer Society.



Student's Visit to the plant

**February 29, 2020:** Ms G Sai Priya of II-year, Department of Information Technology has secured fifth position with her eminent writing skills in the event "LOCKDOWN DIARIES" organized by IEEE Vardhaman college of Engineering.



**June 12-20, 2020:** The department of CSE has organized an event on "Lockdown Diaries" a content writing competition on the theme 'Memories of Lockdown' by IEEE Vardhaman Computer Society.





**June 15-20, 2020:** The department of CSE has organized an event on “ART Fusion” in association with IEEE Vardhaman Computer Society.



**June 15-20, 2020:** Ms One Week Faculty Development Programme on ‘Emerging Trends in Sciences - Usage of Research Tools and Techniques’ was organized by the department of Freshman Engineering

Eminent speakers spoke on varied topics. The guest speakers were Dr. S Venkat Mohan Senior Principal Scientist and Tata Innovation Fellow, CSIR-IICT presented on ‘Covid 19 Pandemic: Emerging Environmental Concerns’, Dr. N Vamshi Krishna, Asst. Prof. Geetam Deemed to be University spoke on ‘Introduction to Mathematics’, Dr. B. SivaPost Doctoral Associate, University of Neuchatel, Switzerland delivered a presentation on

‘Approach for Analysis of Natural Products Using Mass Spectrometry’, Dr. Rohini Rondla, UGC Post-Doctoral Fellow, Dept. of Chemistry, Osmania University spoke on ‘Endnote for Academic Writing’, Dr. Harish Balaga, Associate Professor, EEE, Vardhaman College of Engineering presented on ‘Introduction to Mendeley: A Free Reference Manager’ and Dr. P Sarah, Professor and Dean, R&D, Vardhaman College of Engineering delivered a lecture on ‘Smart Materials with Huge Potential’. 290 participants benefitted from the webinar series.

**June 15-20, 2020:** Ms G Anshu and Ms M Sharavani of II year Information Technology have secured first position and fourth position respectively in the event “ART FUSION” organized by IEEE Vardhaman College of Engineering.

**June 16-17, 2020:** A two-day Webinar on” Good Construction Practices & Role of Blended Cements for Durable Construction” was organized by the department of civil engineering. The speaker was Shri N. Srinivas Rao, Ultra Tech, Regional Head-Technical services, Telangana. The students and faculty of civil department attended the webinar.

**June 16, 2020:** The department of CSE has organized a “9 hrs Coding Challenge On ‘C’ Language” in association with IEEE Vardhaman Computer Society.



**June 16, 2020:** The department of CSE has organized a webinar on “SCILAB” in association with IEEE Vardhaman Computer Society



**June 16, 2020:** The department of CSE has organized a webinar on "Career Options and Opportunities for B.E/ M.E Electronics/E & TC Graduates” in association with IEEE Vardhaman Education Society.



**June 17, 2020:** The department of CSE has organized a Quiz on “C Programming” in coordination with the IEEE Vardhaman Education Society & Circuits and Systems CAS Society. The winners of the quiz were Manikanta Vamshi. K and Rochishna Tadakapally from Vardhaman.



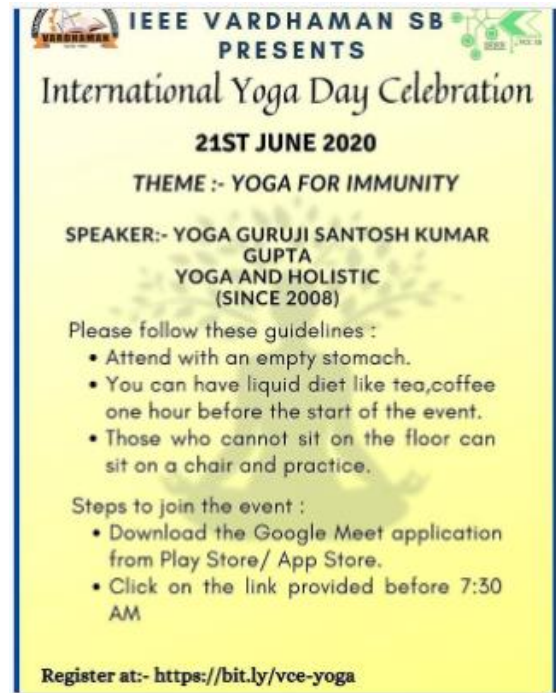
**June 20, 2020:** The department of CSE has organized a Quiz on “6 Hrs Coding Contest in Python” in coordination with IEEE Vardhaman Computer Society.



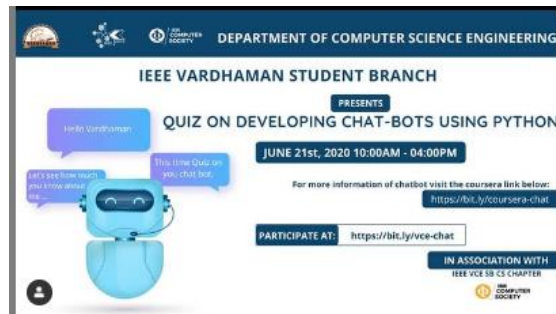
**June 20, 2020:** IEEE MTT-S Vardhaman Student Chapter in association with ECE Department organized a webinar on “Smart Cities & ICT Verticals”. The resource person was Mr. M Suresh Kumar, Sales Marketing Business Development Manager, NESMA, Saudi Arabia. 38 participants attended and gained knowledge from this webinar.



**June 21, 2020:** The department of CSE has organized an event ‘Yoga for Immunity’ as part of International Yoga Day Celebrations by IEEE Vardhaman Computer Society. Yoga Guruji Santosh Kumar Gupta, Yoga Trainer was the speaker for this event. This event was attended by all the faculty of Vardhaman.



**June 21, 2020:** The department of CSE has organized a quiz on “Developing Chat-Bots Using Python” in coordination with IEEE Vardhaman Computer Society. This quiz was open to all the students across India.

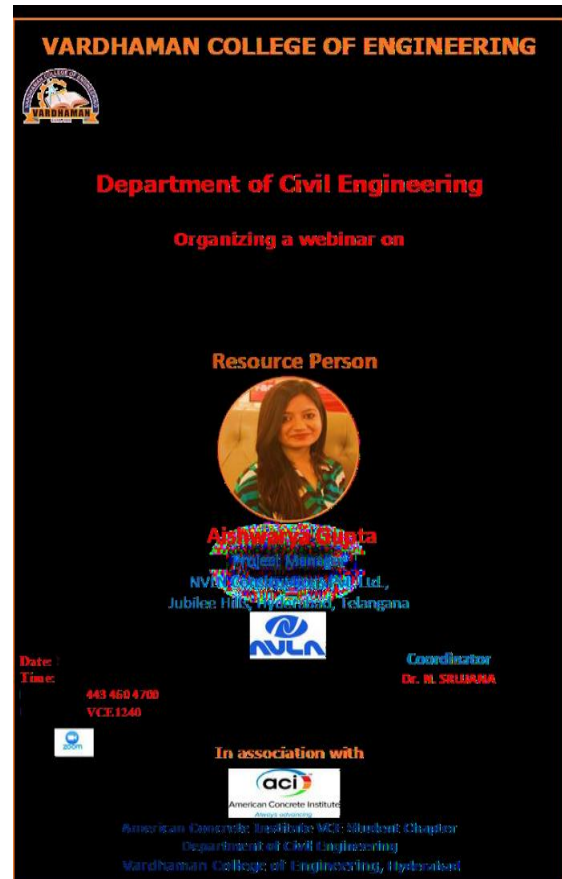


**June 22-26, 2020:** II and III Yr students of ECE attended one-week international workshop on “World CANSAT/ROCKETRY Championship Phase 0” organized by UNISEC Global, Bangalore. Students have participated with great interest and Mr Rahul Kushal Anchi, II yr and Rahul Bodavula bagged the first prize in the competitions held during the workshop.





**June 22, 2020:** A one-day webinar on “Case Study on Strengthening Techniques of Concrete Structures” was organized by the department of civil engineering. The speaker was Ms. Aishwarya Gupta, Project Manager, NVLN Constructions Pvt. Ltd. Around 40 UG and PG students all over India have attended the webinar.



**June 25, 2020:** On the occasion of “International Women in Engineering Day” IEEE Women in Engineering Affinity group Hyderabad Section in association with IEEE Vardhaman Student Branch and IEEE VNR VJIET organized an essay writing competition. Participants were asked to write an essay on any one of the topics “1. Women Empowerment 2. Safety of Women in India 3. In your words what is Feminism and 4. Role of Women in Engineering”. Around 150 students participated in the event.

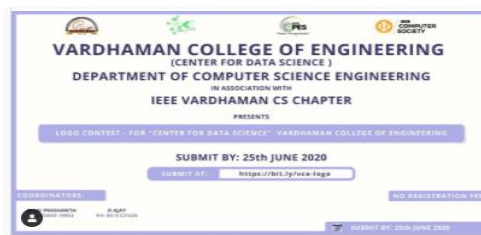




**June 25-July 01, 2020:** A one-week faculty development programme on “Smart Construction Materials” (SCM-2020) was organised by the Department of Civil Engineering. Around 50 participants have attended the webinar.



**June 25, 2020:** The department of CSE has organized an event on “Logo Designing Contest for centre of Data Science” in collaboration with IEEE Vardhaman Computer Society. Students across India participated in this event.



**June 26, 2020:** The department of CSE has organized an event on “Crossword Tournament” in coordination with IEEE Vardhaman Education Society. This was attended by all students across India.



**June 27, 2020:** The department of CSE has organized an event on “Web Designing Contest for Centre of Data Science” by IEEE Vardhaman

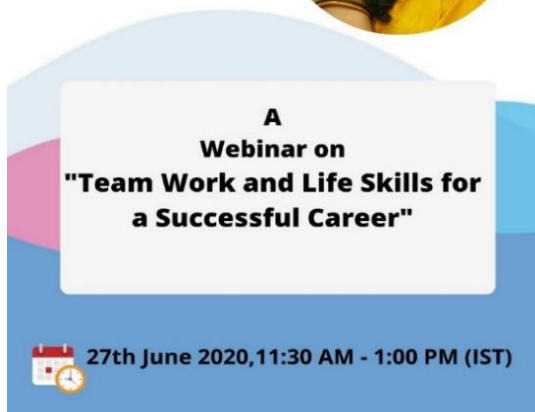
Computer Society. The aim is designing a website for "CENTER FOR DATA SCIENCE" for Vardhaman College of Engineering and this event is for students across India.



**June 27, 2020:** A webinar on the topic 'Team Work and Life Skills for a Successful Career' was organized by IEEE Women in Engineering Affinity Group, Hyderabad Section in association with IEEE Vardhaman Student Branch. Ms. Padma Juluri, Education Service Advisor PCMC Smart City Project, Pune addressed the students on this occasion. The session was attended by 56 students.

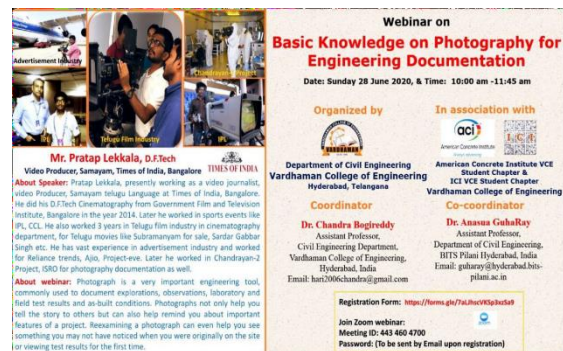


**Ms. Padma Juluri**  
Education Services Advisor  
PCMC Smart City Project, Pune



**June 28, 2020:** A one-day webinar on "Basic Knowledge on Photography for Engineering Documentation" was organized by the department of civil engineering. The speaker was Mr. Pratap Lekkala, Video Producer, Samayam, Times of India. Around 160

participants all over India have attended the webinar.



**June 29, 2020:** III year student of ECE, Ms. Boddam Sathvika completed STK, Systems Tool Kit, Level I, Beginner Certification provided by Analytical Graphics.



**June 29, 2020:** A Workshop entitled “A short term course on R Programming” was conducted by the Department of Information Technology for III year students. It was a four-day workshop and the resource person for the course was Dr K Dhana Sree Devi, Associate Professor, Dept of IT.

**VARDHAMAN COLLEGE OF ENGINEERING**  
**AUTONOMOUS INSTITUTION,**  
**AFFILIATED TO JNTUH**

**DEPARTMENT OF INFORMATION TECHNOLOGY**  
**PRESENTS**

**A SHORT COURSE**  
**ON R PROGRAMMING**

BY DR. K. DHANA SREE DEVI,  
DEPT OF IT, VCE

**29/6/2020 TO 2/7/2020**

**PARTICIPANTS: STUDENTS OF III YEAR IT A & IT B**

*Course Contents*

1. INTRODUCTION TO R, WHY R, INSTALLATION OF R/RSTUDIO
2. R DATA TYPES/OBJECTS-RUNNING R SCRIPTS
3. VARIABLES, OPERATORS
4. CONDITIONALS AND LOOPS
5. FUNCTIONS, PACKAGES
6. WORKING WITH DATA SETS, EXPLORATORY DATA ANALYSIS
7. WORKING WITH SOME STATISTICAL FUNCTIONS

**STAY TUNED..MORE SHORT COURSES TO COME**

1. MACHINE LEARNING ALGORITHMS WITH R
2. NATURAL LANGUAGE PROCESSING-TEXT MINING
3. DEPLOYING ML MODEL