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

V-TIMES
The College Newsletter

Message from the Head of the Institute

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

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 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 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 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.

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 frame work 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 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 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.

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.

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.
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 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 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 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.
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.
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.

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.
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.

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.
May 12-17, 2020: Dr. P. Nageshwar Rao, Professor and Dr. Sulakshana Chilukuri, Associate Professor from department of ECE were the resource persons for the one week online FDP on ‘Advanced Antenna Designs using HFSS’ organized by ECE Department, Santhiram Engineering College.

May 13-14, 2020: Dr. Chandra Bogireddy, Assistant Professor, department of Civil Engineering was the resource person and delivered a talk on “Finite Element Analysis in Geotechnical Engineering” on 13 May and “Earthquake Analysis in Geotechnical Engineering” on 14 May in one week FDP program on “Recent Avenues in Civil Engineering” organized by Department of Civil Engineering, Narsimha Reddy Engineering College from 11-16 May, 2020.
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.

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May 15, 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 15-16, 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 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.

169 participants attended and gained knowledge from this webinar.


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 01, 2020: A webinar was organized by IEEE Women in Engineering Affinity Group under IEEE Vardhaman Student Branch on "Benefits of Internship". The resource person for the webinar was Mr. Damodar and the session was attended by 40 students.

June 03, 2020: Gandamalla Madhavi, Assistant Professor from CSE department was awarded a certificate of achievement for completion of ‘Step into Robotic Process Automation” during GUVI’s RPA SKILL-A-THON 2020 from UI path.

June 06, 2020: National level e-quiz on Outcome Based Education was conducted by the department of Freshman Engineering. The quiz was attempted by 612 candidates for which the cut off percentage to qualify was set at 80 %. 279 faculty members have qualified and earned certificates.

June 09, 2020: Dr. G. Mallikarjuna Rao, Associate professor and head of the department, Civil Engineering was the resource person and delivered a talk on “Research Scope and Mix Design Methodology of Flyash and GGBS Based Geopolymers” in one week FDP program on “Recent Advances in Construction Engineering” organized by Jayamukhi Institute of Technological Sciences from 9-13 June, 2020.

June 10-12, 2020: Dr. G. Mallikarjuna Rao, HOD, department of Civil Engineering was the resource person and delivered a talk on “Research Scope and Future Scope on Working with Geopolymers” in three day FDP program “Recent Trends in Civil Engineering” organized by Geetanjali Institute of Science and Technology. 50 participants from various engineering colleges have participated in this FDP program.
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.

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 Yamshi 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 webinar on “SCILAB” in association with IEEE Vardhaman Computer 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.

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: 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.