#### KSRM COLLEGE OF ENGINEERING



(An Autonomous Institution, Affiliated to JNTUA, Anantapuramu)

### NEWS LETTER

Volume: 11 Issue - 1 JUNE/JULY 2020

#### EDITIORAL BOARD

Sri K.Sivananda Reddy , Patron Prof A.Mohan , Editor-in-chief Dr V.S.S Murthy, Editor Sri K. Madan Mohan Reddy ,

Vice chairman

Sri .K. Chandra Obula Reddy, Secretary

Sri K. Ramesh Rao, Coordinator

Smt.P. Lavanya, Designer

Sri Y. Bhaskar Reddy, Member

Dr. M.Prasad Reddy, Member

Miss B.R. Harika, Member

#### Inside .....

- Webinar on Embedded Systems and JOT
- 7.D.P on Blockchain Technology & its Applications.
- Online workshops by CRJ
- Online Quiz on Covid-19 & Environmental Jssues.
- Impact of COVID -19 on Education System in India
- \* Ph.D Awarded to the faculty
- \* Faculty Achievements



### Live webinar on Embedded Systems and 40T

Department of Electronics and Communication Engineering has organized a live webinar on "Embedded Systems and IOT" in association with EdGate Technologies and Texas Instruments,

Bangalore on 29.06.2020, 11 AM- 12:15 PM for faculties of various colleges through ZOOM app. The Resource person for this webinar is Mr. T. Nishanth, Embedded System Engineer, EdGate Technologies, Bangalore. His working areas include ARM Robotics, Cortex M4. DSP. OMAP-L138, IOT and Analog Systems. He has trained over 1800 students and faculties. Total number of participants took part in this webinar is 69.

The following contents have been covered in the webinar.

- 1. What is Embedded System
- 2. Why do we need Embedded Systems
- 3. Characteristics of Embedded Systems
- 4. What is Microcontroller?
- 5. Choosing Microcontroller for Embedded Applications
- 6. Understanding IoT

- 7. Evolution of IoT
- 8. Applications of IoT
- 9. Industrial Revolution
- 10. Industrial 4.0 Revolution
- 11. What is IIoT
- 12. Internet for Robotic Systems

Dr. G. HEMALATHA, Professor and Head of the Department acted as the convernor; Sri.R.V. Sreehari, Associate Professor and A. Valli Basha, Assistant Professor, Department of ECE organized the webinar as coordinators.



A two day webinar on Python and Raspberry-pl

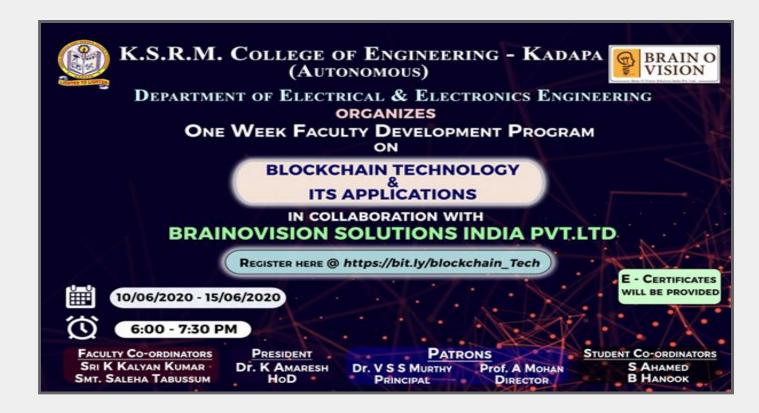
Department of Electrical and Electronics Engineering has organized a two day webinar on "Python and Raspberry-p1" in

association with Think IoT Solutions, on 29.06.2020 and 30.06.2020, 10.30 AM- 11:30 AM for faculties of various colleges through ZOOM app. The Resource persons for this webinar are Bhavani Shankar. C.E.O & Director and Sri. R.Chandrakanth Embedded Engineer shared their ideas on Python and Raspberry-p1 this in

webinar. Dr. K.Amaresh, Professor and Head of the Department and Sri. P. Durga Prasad, Asst. Professor, E.E.E Department, acted as the faculty coordinators Mr, P. Sai Akhil and Mr. K. Veerendra Kumar, organized the webinar as student coordinators.



"If you want to teach students a new way of thinking, don't bother trying to teach them. Instead, give them a tool, the use of which will lead to new ways of thinking".



# One week Faculty Development Programme on Blockchain Technology & its Applications

Department of Electrical and Electronics Engineering has organized a one week online Faculty Development Programme on

### Webinar on Time for Nature and Biodiversity by the faculty

Dr. T.Kiran Kumar, Prof. Department of Civil Engineering, has delivered a webinar on *Time for Nature and Biodiversity* on the "Blockchain Technology & its Applications"

in collaboration with Brainovision Solutions India Pvt. Ltd. for all the students and faculty members of various colleges through Zoom app from 10th June to 15th June, 2020. Dr. K.Amaresh, Professor and Head of the Department E.E.E Department, acted as the President, Sri. K. Kalyan Kumar, and Smt Saleha Tabussum, Asst. Professors, organized this Faculty Development Programme as faculty coordinators. Student coordinators are Mr. S. Ahamed and Mr. B. Hanook.

occasion of World Environment Day on June 5th 2020 in the seminar hall of Visvesvaraya Block, organized by Institution of Engineers,(India) Kadapa Chapter. Delegates in large number, participated in the webinar and appreciated Dr. Kiran Kumar for his valuable words on this occasion.



### A Five Day Webinar Series

The Department of Electrical and Electronics Engineering organised a five day webinar series from 16th June 2020 to 20th June, 2020. The five day programme commenced every day at 4.30P.M and concluded at 5.30 P.M.On 16th June i.e. Day 1- Sri. Ashish Jah, Senior Claim Analyst and Public Speaker delivered speech a Industry 4.0. On 17th, Sri. Suresh. Gutur, Senior Engineer, ARI Global Solutions, explained in

detail about the topic Insights of Data Science. 18th June, another expert Sri. Anshu Pandey, Programme Director Senior Instructor, BootUP, revealed his ideas elaborately on Robotic Process Automation. On day 4, Sri. Nithyesh Panathula, Cyber Security Specialist and Automation Developer, analysed all the solutions on Cvber Security -Landscape Roadmap .On 20th June, Sri. Sumit Asrani, Digital

Head, Probus Insurance, elucidated his ideas innovative way, on the topic Creativism: Meet Creative Person in You Over 200 delegates everyday participated in the webinar series. Dr. K.Amaresh, Professor and Head of the Department, and Sri. N. Siddiq, Asst. **Professor** E.E.E Department, acted as the faculty coordinators for this five day webinar series.

#### National Education Policy 2020: All You Need to Know

The Union Cabinet on Wednesday (29th July,2020) approved the New Education Policy(NEP). One of the major decisions, the Cabinet has renamed the Ministry of Human Resources(MHRD) as the Ministry of Education. The new policy would also see overhaul of the system in place in higher education. With an emphasis on Early Childhood Care and Education (ECCE), the 10+2 structure of school curriculum is to be replaced by a 5+3+3+4 curricular structure corresponding to ages 3-8, 8-11, 11-14, and 14-18 years respectively.



### Webinar on Understanding Cloud Computing

Training and Placement Cell has webinar conducted a on "UNDERSTANDING **CLOUD COMPUTING** " in association with M/s. Coign Consultants Pvt. Ltd., Hyderabad all the III year students of Engineering on 27/06/2020 at 4:30 Pm Over 76 students have participated in the webinar. Sri. K.. Druga Naveen, C.E.O -COIGN & GoalStreet, Technology Expert and TedX Speaker, has delivered his ideas on various aspects of the topic.



# Webinar on Placement Scenario for Engineering Graduates amid COVAD-19

Training and Placement Cell has conducted a free webinar for all the IV vear Engineering students on "PLACEMENT **SCENARIO FOR** ENGINEERING GRADUATES AMID **COVID - 19"** on 17/06/2020 at 12:00 Noon. in association with TIME Institute, Hyderabad. Around 112 students have participated this webinar.



### Webinar on Java 7ull Stack Development

Training and Placement Cell has conducted a webinar for all the III year Engineering students on "JAVA FULL STACK DEVELOPMENT" on 03/07/2020 at 11 : 00 am in association with M/s. IIHT, Bangalore. Nearly 130 students participated in this live webinar.



### Webinar on Career Options after Graduation

Training and Placement Cell has conducted a free webinar for all the III year Engineering students on "CAREER OPTIONS AFTER GRADUATION" on 17/06/2020 at 11: 00 A.M. in association with TIME Institute, Hyderabad Around 163 students have participated in this webinar.

### STAY HOME. SAVE LIVES.

Help stop coronavirus

- 1. STAY home
- 2. **KEEP** a safe distance
- 3. WASH hands often
- 4. **COVER** your cough
- 5. SICK? Call the helpline

### Webinar on RPA- Uipath -Development

Centre for Research and Innovation (CRI) organized a Webinar on "RPA - UiPath - Development" in association with Future Tech Solutions, Hyderabad,

on 4th July, 2020. Sri.. Ch. Srinivasa Rao, Co-Founder of Future Tech Solutions and CEO of AI ROBO **HUB** Consulting Services PVT LTD, was the speaker of the webinar. Final year and third year students of Engineering from all branches participated in this programme. At the end of webinar, students' the

questions were answered in clear by the expert on Robotic Process Automation.
Dr.M.V.Narayana,
Professor and Dean, CRI; acted as the Convener and Sri S. Khaja Khizar, Asst professor, CSE Department acted as the coordinator till the end of the programme.

The following areas have been covered in the webinar

- · What is RPA & RPA Overview
- · Future of RPA
- · RPA Life Cycle
- · Live Demo

## Webinar on Career Choices in Civil Services

The Computer Science and Engineering Department organized a Webinar on "Career Choices in Civil Services" in association

with Indian Servers. Dr. Kiranmayi. Koppisetti, IRTS was the speaker for this programme. Dr. Kiranmayi Cracked UPSC in her first attempt. She acquired all India This webinar Rank-573. was conducted on 3rd July 2020. Final engineering students of all branches participated in the webinar. At the end. students were given good answers by the expert Dr, Kiranmai on how overcome barriers on getting success in civil service exams . Dr.M. Sreenivasulu Head of the Department acted as the Convener and Sri S. Khaja Khizar Asst professor, CSE Department, organized the webinar as the coordinator.

"Our bodies are our gardens-our wills are our gardeners." Shakespeare

### Online workshops by CRI

Centre for Research and Innovation (CRI), KSRM College of Engineering conducted online workshops for all Engineering students from 15-6-2020 to 24-6-2020. The main purpose of organizing these workshops is to inculcate essential skills in the minds of the students during COVID

-19 for their successful career. Dr. M. Venkata Narayana, Professor and Dean CRI; Dr. D. Arun Kumar, Dr. B. Sudharashan, Dr. T. Mari Prasath, Sri. S. Khaja Kizar, members of CRI were delivered a series of lectures online in their respective domain for three days, covering 2 hours per day by each faculty member. Details of the workshops are given below.

Resource person	Course	Day	Content	Date & Time	Audience	Last date for registration
M.Venkatanaraya	Arduino Programming for Beginners	Day 1	Board	PM - 4.00	student	14-06-2020 (5.00 P.M.)
		Day 2	C programming for Arduino-Variables - Data Types; Functions;Conditional Operators Switch Statement;Loops;Arrays;Con stants	& 2.00	KSRMCE student (any branch)	
		Day 3	Introduction to Tinkercad tool; build a simple Arduino circuit; use of digital pins; use of analog pins; case studies	& 2.00	student	
Dr.T. Mariprasath	MATLAB Simulation	Day 1	Introduction on MATLAB Simulation, Develops and Analysis on AC and DC circuits, Uncontrolled and Controlled	& 10:30 AM - 12:30 PM		14-06-2020 (5.00 P.M.)

			Rectifiers, Pulse Width		Students	
		Day 2	Speed-Torque Characteristics of Electrical Machine Modelling and Analysis using MATLAB Simulation	AM -	All Kandula Group of Institutions EEE & ECE Students	
		Day 3	An introduction on Renewable Energy Block sets	17-6-2020 & 10:30 AM - 12:30 PM	All Kandula Group of Institutions EEE & ECE Students	
Dr. D. Arun Kumar	Data Analysis in Engineering applications	Day 1	Pattern recognition / Pattern classification	18-6-2020 & 10.00 A.M 12.00 P.M.	Students from all the Branches of Engineering (Kandula group of Institutions)	17-06-2020
		Day 2	Data Clustering - with relevant applications	19-6-2020 & 10.00 A.M 12.00 P.M.	Students from all the Branches of Engineering (Kandula group of Institutions)	
		Day 3	Regression analysis - with relevant applications	20-6-2020 & 10.00 A.M 12.00 P.M.	Students from all the Branches of Engineering (Kandula group of Institutions)	
Dr. B. Sudharshan		Day 1	Introduction to 3D printing and it's importance	21-6-2020 & 10.00 a.m. – 12.00 p.m.	Students from Mechanical Engineering (Kandula group of Institutions)	20-06-2020 (5.00 p.m.)

		Day 2	3D Printing and it's application	22-6-2020 & 10.00 a.m. – 12.00 p.m.	Students from Mechanical Engineering (Kandula group of Institutions)	
		Day 3	3D-Metal Printing (advancements)	23-6-2020 & 10.00 a.m. – 12.00 p.m.	Students from Mechanical Engineering (Kandula group of Institutions)	
S. Khaja Khizar	Android App Development		Introduction to Android, Software Stack, Installing Android, Creating Virtual Devices, Creating Android Project	0 & 10.00	from IV	21-06-2020 (5.00 p.m.)
		Day 2	Creating User Interface, Commonly used layouts and controls with examples		Students from IV Sem ECE and CSE	
		Day 3	Event Handling, Developing Android apps using controls	24-06-202 0 & 10.00 AM - 12.00 PM	Students from IV Sem ECE and CSE	

A positive attitude gives you power over your circumstances instead of your circumstances having power over you.

### Online Quiz on COVID-19 & Environmental Issues

Humanities & Sciences Department organized a National level online quiz on "COVID-19 & ENVIRONMENTAL ISSUES on 15/6/2020. Huge response has come from all corners of India. Over 333 participants

participated in this online Quiz. E-certificate has been issued to all the participants who obtained 40% & above score. Dr. I. Sreevani, Head of the Department, guided the Convenor Smt. Mary Jasmine, Asst. Professor, Department of Humanities and Sciences, to complete the task successfully.



## National level online awareness quiz on COVID-19 & CHEMISTRY IN EVERYDAY LIFE

Humanities & Sciences

Department organized a

National level online

awareness quiz on "COVID-19 & CHEMISTRY IN EVERYDAY LIFE on 17th June. Many students from all over India took part in this awareness quiz. 649 participants attempted this online Quiz. E-certificates have been given to all the

participants who obtained 40% & above score. Dr. I. Sreevani, Head of the Department, acted as the Convenor and Smt. Mary Jasmine, Asst. Professor, Department of Humanities and Sciences, organized the event as the coordinator.



#### General Report:

### Impact of COVID -19 on Education System in India

The petrifying and severe impact of COVID-19 has shaken the world to its core. Further, of most the Governments the around world have temporarily closed educational institutions in an attempt to contain the spread of the COVID-19 pandemic. In India too, the government as a part of the nationwide lockdown has closed all educational institutions, as a of which, consequence learners ranging from school going children to

postgraduate students, are affected.

These nationwide closures are impacting over 91% of worlds' the student population. Several other countries have implemented localized closures impacting millions of additional **UNESCO** learners. supporting countries in their efforts to mitigate immediate impact of school closures, particularly vulnerable more and disadvantaged communities, facilitate and to the

continuity of education for all through remote learning. The **UNESCO** report estimates that the coronavirus pandemic will adversely impact over 290 million students across 22 countries. The UNESCO estimates that about 32 crores students are affected in India, including those in schools and colleges.

Therefore, the government has come up with an e-learning program. Many ed-tech firms have tried to leverage the occasion by offering free online classes or attractive discounts on e-learning modules. These measures have been met overwhelming response by students with some startups witnessing as high as 25% uptick in e-learning. Remote learning seems a viable solution to students during this time as they offer convenient, on -the- go and affordable access to lessons. E-learning also comes as an interesting and interactive alternative as compared to classroom teaching.

Nevertheless, Covid-19 has prompted experts to rethink the conventional mode of education. Digital education appears to be a viable solution to fill in the void for classroom education for a period of three to four months while minimizing the chances of any infection to students until classes resume. More importantly, it has also brought the hitherto peripheral issue of digital education in India to the centre stage. Going forward, digital education is likely to be integrated into mainstream education. This inclusive will enable education by facilitating learning diverse across geographies in India. Moreover, it will provide an opportunity for educators to come up with customized

learning solutions for every student.

A complete revolution in the way we learn today has been brought about Technology. Each student gets in contact with a world-class education, which is not easy to impart by the traditional white chalk and blackboard method of teaching. This new learning is more personalized interesting, and enjoyable. A massive open online course (MOOC) is an online course aimed at unlimited participation and open access via the web. India is considered to be the biggest market for MOOCs in the world after the USA. Since the population of India is huge, a massive open online course (MOOC) is said to open gateways for a lot of Indians in terms of bringing an educational revolution. Online distance learning programs give a great opportunity avail to high-quality learning with help of internet the connectivity.

Digital learning has many advantages in itself like digital learning has no physical boundaries, it has more learning engagement experience rather than the traditional learning, it is also cost-effective and students get to learn in the

confines of their comfort zone. However, digital learning is not without its limitations and challenges, face-to-face since interaction is usually perceived as the best form of communication compared to the rather impersonalized nature of remote learning. Globally, online education has met with some success. In the case of India, we still have a long way to go before digital learning is seen as mainstream education, because students living in urban areas have the facilities to opt for digital education, however, rural area students do not have the required infrastructure nor are financially strong to avail the resources required digital education. for Building of the digital education infrastructure by the Government of India presently appears to be difficult due to lack of budget. Further, even if the digital infrastructure built, training has to be given to the teachers to use the digital system to provide authentic and proper, uninterrupted and seamless education to the students. Remote learning increasingly relies on the reliable power supply and ubiquitous Internet connectivity which might be a far- fetched thing for Tier 2 and Tier 3 cities in India.

Another challenge is that e-learning comes across as somewhat patchy and experience. impersonal Also, e-learning is likely to witness a high dropout rate due to the lack atmosphere for studying. Students might tend to get distracted by gaming consoles, social media at home and might not feel a sense of community while taking online classes. Successful delivery of education is also in question because learning at the level of higher education and learning at the kindergarten/school level can be different. Digital education cannot be applied the same at every level of the education.

If we further up the light on the educational material, digital education will have a limited scope as compared with the written and handy material which is provided in an educational institute. Moreover, the authentication ofthe educational material is at stake. E-learning will always provide the students with different information in different ways. So, the authenticity of the educational material should be tested before these materials are circulated with

the students. Creation of content, dissemination of content and evaluation of content should be done. Blended education has to come face to face and distance education should go hand in hand currently. Educational data circulated online should be properly maintained. Because ultimately these digital educational course classes will also lead to hacking and intruders systems coming in. The digital safety challenge will remain at large while imparting education.

Due to the outbreak of the pandemic, the work from home (WFH) culture is booming in India. As social distancing is prescribed as the best way to curb the spread of COVID companies are faced with an unprecedented challenge of ensuring it is business as usual even if everyone is remotely. working Therefore, not only businessmen or start-ups in India have opted for an online platform like Zoom App to stay connected with their employees who are working from their homes but also the educational institutions have opted for different digital platforms to facilitate learning for their students. However, only educational institutions in urban areas can provide

those facilities. Again the questions are raised for the learners in rural areas, the educational systems in rural areas and their growth.

With so many different ways to define e-learning and the educational approaches that can be these taken in learning environments, many colleges and extra curricular activity classes have started making use of the technology. Through applications such as Zoom, various colleges especially engineering and designing colleges of India have undertaken the task educating students through video conferencing. Undeterred by the security concerns which such video conferencing applications pose, these applications are widely used and have proved to be beneficial and with a lot of advantages. There picture, sound clarity which makes imparting of knowledge and learning effective for both the instructor and the student.

But at the same time, there is a glaring disadvantage as exams have to be postponed. **Examinations** cannot be conducted online. It is not only just the question imparting of continuous and uninterrupted learning

during the outbreak of COVID 19 pandemic but also the most important challenge for the instructor is to focus on the overall elements well-developed course. Developing a purposeful well-defined online course, which supports the instructor and learner. means devoting the appropriate time and embedding the applicable

course elements into the e-learning environment. Through the use technology, we can, if not provide a strong alternative conventional education system, mitigate and compensate for impediments posed inconvenience caused due to COVID 19 pandemic to the education system and learners by extension. Learning, as they say, is a continuous and ever-evolving process. The educational institutions in India, from schools to universities, can use this present adversity as a blessing in disguise and make digital education a major part of the learning process for all learners in the future

(Source from Educational Magazine, Pune, Maharashtra)

### Ph.D awarded to the faculty



Sri. Syed Zahiruddin, Assistant Professor, Department of Electronics and Communication Engineering, has been awarded the degree of Doctor of Philosophy (Ph.D) in faculty of Electronics and Communication Engineering from J.E.C.R.C University, Jaipur, Rajasthan. Dr. Syed Zahiruddin,did his research in the area titled "Design of waveform generators, oscillators and modulators using CCCII" under the guidance of A. Sreenivasulu, Professor, J.E.C.R.C.University, Jaipur.

Sri.K.Sivananda Reddy, Correspondent; Sri. S. Sankar Reddy, Chairman; Prof. A. Mohan, Director; Dr. V.S.S Murthy, Principal; HoDs of various Engineering and Basic Science Departments, faculty and the staff have appreciated Dr Syed Zahiruddin on his achievement.

"Learning gives creativity, Creativity leads to thinking, Thinking provides knowledge, Knowledge makes you great."

-Abdul Kalam

### **FacultyAchievements**



- 1. Sri. P. Suresh Kumar, Asst. Professor, has attended a Webinar on "*Tunneling Short Course with Midas GTS NX*" organized by MIDAS Research and Development Centre, India, from April 20th to May 8th, 2020.
- 2. Sri. P. Pavan Kumar, Asst. Professor, has Completed an online 4 week course "Introduction to Artificial Intelligence(AI)", conducted by IBM and offered through Coursera.
- 3. Sri. P. Rajendra Kumar, Asst. Professor, has participated in the One Week Short
  - Training Programme on "*Recent Advancements in Civil Engineering: Challenges and Future Perspectives'* organized by the Department of Civil Engineering, Shri Vishnu Engineering College for Women (Autonomous), Bhimavaram, West Godavari Dist. A.P in Collaboration with Indian Concrete Institute from 25-05-2020 to 30-05-2020.
- Sri. P. Pavan Kumar, Asst. Professor, has participated in a National Web Conference on "Advanced Construction Materials and Techniques for Sustainable Development – NACM 2020" Organized by Department of Civil Engineering, Chennai Institute of Technology, Chennai on May 30, 2020.
- 5. Miss. B.R.Harika, Asst. Professor, has participated in the faculty development programme on "Research Paper & Project Proposal Writing" under IEEE Student Branch held on 15-May to 16-May, 2020 organized by the Department of Electrical and Electronics Engineering, SREE VIDYANIKETHAN ENGINEERING COLLEGE (Autonomous), Sree Sainath Nagar, A. Rangampet, Tirupati-517102.
- 6. Sri. P. Rajendra Kumar, Asst. Professor, has participated in the Webinar on "ENGINEERING PREPAREDNESS FOR EARTHQUAKE DISASTER MITIGATION" delivered by Prof. T.G. Sitharam, President, ISET & DIRECTOR, I.I.T. GUWAHATI on 3rd June, 2020. This webinar was organized by INDIAN SOCIETY OF EARTHQUAKE TECHNOLOGY, Department of Earthquake Engineering Building, Indian Institute of Technology Roorkee, Roorkee-247 667, India

- 7. Sri. P. Pavan Kumar, Asst. Professor has participated in the 3 Day Online Faculty Development Programme (FDP) on "**Recent Advances in Civil Engineering -2020**" from 20th May, 2020 to 22nd May 2020, conducted by Civil Engineering Department, CMR Institute of Technology, Hyderabad. Telangana.
- 8. Sri. Yakasiri Ravi, Asst. Professor, has participated in the Faculty Development Programme on "*Global Trends in Civil & Infrastructural Engineering* (*GTCIE-2020*)" from 26th May 2020 to 30th May, 2020 organized by Department of Civil Engineering, INSTITUTE OF AERONAUTICAL ENGINEERING (Autonomous) Dundigal, Hyderabad 500043, Telangana, India
- 9. Sri. Ch. Santhosh Kumar, Asst. Professor, has participated in the webinar "*Hot Weather Concrete*" on 21st May, 2020 organized by the Department of Civil Engineering, Shri Vishnu Engineering College for Women (Autonomous), Bhimavaram, West Godavari Dist. A.P.
- 10. Sri.Yakasiri Ravi, Asst. Professor, has participated in the online workshop on "Role of Sketch up as tool for enhancing Online Technology methodology" on 6th May, 2020 conducted by Vignana Bharathi Institute of Technology, Hyderabad, Telangana State.
- 11. Sri. Ch. Santhosh Kumar, Asst. Professor, has participated in the Online Faculty Development Programme (FDP) on **Recent Advances in Civil Engineering -2020** from 20th May 2020 to 22nd May 2020, conducted by Civil Engineering Department, CMR Institute of Technology, Hyderabad.
- 12. Sri. Yakasiri Ravi, Asst. Professor, has participated in the webinar on "Latest Techniques and Preventive Measures towards Enhancement of Traffic Safety" organized by the Department of Civil Engineering, Shri Vishnu Engineering College for Women (Autonomous), Bhimavaram, West Godavari Dist. A.P on 11-05-2020.
- 13. Miss. Sai Neeraja, Asst. Professor, has participated in the one day E-workshop on "*Recent Advances in Structural Engineering (RASE)-2020*" on 30.05.2020 organized by JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY, ANANTAPUR in association VISVESVARAYA TECHNOLOGICAL UNIVERSITY, KALABURAGI PG CENTRE, Karnataka.
- 14. Sri. Ch. Santhosh Kumar, Asst. Professor, has successfully completed "MECHANICS OF Material: FUNDAMENTALS OF STRESS AND STRAIN AND AXIAL LOADING" an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.

- 15. Sri. R. Karthikeyan, Asst. Professor, has successfully completed "Artificial Intelligence for Everyone" an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera. On 1st June 2020.
- 16. Miss. Sai Neeraja, Asst. Professor, has participated in the Faculty Development Programme on "Global Trends in Civil & Infrastructural Engineering (GTCIE-2020)" From 26th to 30th May, 2020 organized by Department of Civil Engineering, INSTITUTE OF AERONAUTICAL ENGINEERING (Autonomous) Dundigal, Hyderabad 500043, Telangana, India.
- 17. Miss. B.R.Harika, Asst. Professor, has participated in the webinar on "Application of Remote Sensing and GIS in Cryosphere" on 05-05-2020. Organized by the Department of Civil Engineering, Shri Vishnu Engineering College for Women (Autonomous), Bhimavaram, West Godavari Dist. A.P.
- 18. Miss. Sai Neeraja, Asst. Professor, has successfully attended *Leadership Talk With Dr. Nilesh N Oak, Expert (Indian Civilization & History)* held on 30th May, Dr. Abhay Jere (Chief Innovation Officer- MHRD Innovation Cell, Govt. of India) Hosting Live session of Leadership Talk With Dr. Nilesh N Oak, Expert (Indian Civilization & History) by MHRD's Innovation Cell.
- 19. Sri. R. Karthikeyan, Assistant Professor, has participated in the webinar on "*Machine Learning for Beginners*" held on 23rd May, 2020, organized by the Department of Computer Science and Engineering, Narayana College of Engineering, Gudur, Nellore Dist. A.P.
- 20. Miss.B.R.Harika, Asst. Professor, has participated in "Online National level Quiz on civil Engineering" on 5/27/2020 conducted by Department of civil Engineering, HOLY MARY INSTITUTE OF TECHNOLOGY AND SCIENCE, Bogaram (V), Keesara (M), Medchal Dist, Hyderabad-501301.
- 21. Miss. Sai Neeraja, Asst. Professor, has participated in the One Week Online Faculty Development Program on "Advances in Sustainable Construction Engineering (ASCE)" during 13-18 July 2020, organized by the Department of Civil Engineering, Kakatiya Institute of Technology & Science, Warangal (KITSW).
- 22. Smt. K. Niveditha, Asst. Professor, has participated in the webinar "*Hot Weather Concrete*" on 21st May, 2020 organized by Department of Civil Engineering, Shri Vishnu Engineering College for Women (Autonomous), Bhimavaram, West Godavari Dist. A.P.
- 23. Sri. G. Venkateswarlu, Asst. Professor, has participated in the webinar on "Application of Remote Sensing and GIS in Cryosphere" organized on 05-05-2020, organized by Department of Civil Engineering, Shri Vishnu Engineering College for Women (Autonomous), Bhimavaram, West Godavari Dist. A.P.

- 24. Dr. T. Kiran Kumar, Professor, has been proudly presented a certificate by Image Graphics Software for his wonderful presentation on "*Water Hammer / Hydraulic Surge Analysis*" on 1st June, 2020.
- 25. Smt. K. Niveditha, Asst. Professor, has successfully completed "MECHANICS OF Material: FUNDAMENTALS OF STRESS AND STRAIN AND AXIAL LOADING" an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera.
- 26. Sri. R. Karthikeyan, Asst. Professor, has participated in Faculty Development Programme on *Global Trends in Civil & Infrastructural Engineering (GTCIE-2020)* From 26th to 30th May, 2020 organized by Department of Civil Engineering, INSTITUTE OF AERONAUTICAL ENGINEERING (Autonomous) Dundigal, Hyderabad 500043, Telangana, India.



- 1. Smt. P. Lavanya, Asst. Professor, has participated in the online Faculty Development Programme on *Digital Engineering in Aerospace* organized by Andhra Pradesh State Skill Development Corporation(APSSDC) in association with Dassault Systemes from 1st June to 5th June, 2020.
- 2. Sri. A. Valli Basha, Asst. Professor, has participated in the online Faculty Development Programme on *Cyber Security* from 10th June to 14th June, 2020, organized by Malla Reddy College of Engineering for Women, Hyderabad, Telangana.
- 3. Miss. P. Swetha, Asst. Professor, has participated in of Embedded & Automation Skill Enrichment Webinar Series 2020 on the topic "Automotive Functional Safety Challenges and Practices" held on 15th June, 2020 organized by College of Engineering, Guindy, Anna University, Chennai, Tamilnadu.
- 4. Sri.R V SREEHARI, Associate Professor, has Successfully attended *Leadership talk* with Ms. Ashwini Deshpande (Co-Founder & Director Elephant Design) held on 6th Jun by MHRD's Innovation Cell.

- 5. Miss. P. Swetha, Asst. Professor, has participated and performed well in the Online Quiz on "*COVID -19 & Environmental Issues*" organized by Department of Humanities and Sciences, K.S.R.M.College of Engineering, Kadapa on 15th June, 2020.
- 6. Sri. R V SREEHARI, Associate Professor, has participated in the webinar on "ENGINEERING PROBLEM SOLVING" delivered by Dr. Shreepad Karmalkar, Professor, IIT, Madras on 19th June 2020, organized by St. Joseph's Institute of Technology, Chennai, Tamilnadu.
- 7. Sri. R V SREEHARI, Associate Professor, has successfully completed "Artificial Intelligence for Everyone" an online non-credit course authorized by Georgia Institute of Technology and offered through Coursera on 1st June 2020.
- 8. Sri. R V SREEHARI, Associate Professor, has participated in the One Week Online International FDP on "Importance of Mathematics in Science and Technology" organized by Mathematics division of Department of Basic Sciences and Humanities, GMR Institute of Technology, Rajam, AP, India during 25th -29th June 2020.
- 9. Dr. S.L. Prathap Reddy, Associate Professor, has participated in the webinar on "*Data Visualization using Tableau*" organized by the Department of Computer Science and Technology, N.B.K.R Institute of Science and Technology, Vidyanagar, Nellore, A.P. in association with Computer Society of India, on 5th June 2020.
- 10. Dr. S.L. Prathap Reddy, Associate Professor, has successfully completed a national level online quiz on "*Fundamentals of Electronics*" organized by the Department of Electronics and Communication Engineering, Nadimpalli Satyanarayana Raju Institute of Technology(NSRIT), Sontyam, Visakhapatnam, A.P.
- 11. Smt. P. Lavanya, Asst. Professor, has participated in a Oneday Webinar on " *Fundamentals of Machine Learning and Artificial Neural Networks*" organized by the Department of Electronics and Communication Engineering, S.V.R Engineering College, Ayyalurmetta, Nandyal, A.P. on 16th June, 2020.
- 12. Miss. K. Divya Lakshmi, Asst. Professor, has participated in a Oneday Webinar on " *Fundamentals of Machine Learning and Artificial Neural Networks*" organized by the Department of Electronics and Communication Engineering, S.V.R Engineering College, Ayyalurmetta, Nandyal, A.P. on 16th June, 2020.
- 13. Sri. A. Valli Basha, Asst. Professor, has successfully completed "Introduction to Programming with MATLAB" an online non-credit course authorized by VanderBilt University and offered through Coursera. On 19th April 2020.
- 14. Miss. P. Swetha, Asst. Professor, has participated in a oneday Webinar on " *Fundamentals of Machine Learning and Artificial Neural Networks*" organized by the Department of Electronics and Communication Engineering, S.V.R Engineering College, Ayyalurmetta, Nandyal, A.P. on 16th June, 2020.

- 15. Dr. S.L. Prathap Reddy, Associate Professor, has participated in the webinar on "*Trends and Challenges in VLSI*" organized by the Department of Electronics and Communication Engineering, AudiSankara Group of Institutions, Gudur, Nellore, A.P. on 11th June 2020.
- 16. Sri. A. Valli Basha, Asst. Professor, has successfully completed "Artificial Intelligence for Everyone" an online non-credit course authorized by Stanford University and offered through Coursera. On 22nd April 2020.
- 17. Miss. Shaik Jabeen, Asst. Professor, has participated in One Week Online Faculty Development Program on "Advanced Antenna Design Using HFSS" Organized by the Department of ECE ,Santhiram Engineering College ,Nandyal in collaboration with Vardhaman College of Engineering ,Hyderabad from 12-05-2020 to 17-05-2020
- 18. Dr. D. Arun Kumar, Associate Professor, has reviewed a paper entitled "Can Boosted Randomness Mimic Learning algorithms of Geometric Nature? Example of Simple Algorithm that Converges in Probability to Hard-Margin SVM" for the IEEE Transactions on Neural Networks and Learning Systems.
- 19. Dr. M. Venkata Narayana, Professor and Dean, CRI; Dr. Dasari Arun Kumar, Associate Professor and Sri. Anil Kunchala, Assistant Professor, E.C.E department, authored a paper titled: "Transfer Learning based Fuzzy Deep Neural Networks for leaves detection from Digital Images" and accepted by IEEE INCET 2020.



- 1. Dr. T. Mariprasath, Associate Professor, has participated in the National Webinar on "Advanced Research & Funding Scope in the Emerging Areas of Engineering, Science and Technology" organized by FDP Cell Engineering Staff College of India (ESCI) ON 24July,2020.
- 2. Dr. T. Mariprasath, Associate Professor, has successfully completed 7.5 total hours of *The Complete LabVIEW Programming 2020: Beginner to Advanced* online course on July17th, 2020 organized by Millad Ahmadi, Instructor and U udemy.
- 3. Dr. T. Mariprasath, Associate Professor, has successfully completed 7.5 total hours of *Partial Shade & Mismatch losses on PV arrays MATLAB/Simulink* online course on July20th, 2020 organized by Mo'ath Abu To'amah, Instructor and U udemy.



- Dr. M. Sugunatha Reddy, Professor, has presented a Conference on "Dynamics of Business and Economics: Global Perspective" (OICDBEGP- 2020) held on 18th July, 2020 and also presented a Research Paper titled "A Study on Business Ethics in Corporate Social Responsibility" Volume 4 Special Issue 1, July, 2020 published in International Business and Economics ISSN: 2474 5146 (ONLINE).
- Sri. K. Khasim Peera, Asst.Professor, has presented a Conference on "Dynamics of Business and Economics: Global Perspective" (OICDBEGP- 2020) held on 18th July, 2020 and also presented a Research Paper titled "A Study on Business Ethics in Corporate Social Responsibility" Volume 4 Special Issue 1, July, 2020 published in International Business and Economics ISSN: 2474 5146 (ONLINE).
- 3. Sri. B. Veera Sankar, Assistant Professor, has participated in the One Week International Online Faculty Development Programme on "Applications of Mathematics in Science and Engineering" from 7th to 11th July, 2020 organized by the Department of Basic Science (Mathematics), Vishnu Institute of Technology, Bhimavaram. West Godavari Dist. A.P.
- 4. Sri. K. Ramesh Rao, Asst. Professor, has participated in a Seven Day International Online Workshop on "English Language Teaching and Literature: Current Issues, Trends and Challenges" from 8th July to 14th July,2020 organized by the Department of English, Mannar Thirumalai Naicker College, Madurai in Collaboration with the University of Madras, Chennai.
- 5. Sri. B. Veera Sankar, Assistant Professor, has participated in the five day Online Faculty Development Programme on "*Role of Mathematics in Academics and Research*" from 7th to 13th July, 2020 to 17th July 2020 organized by the Department of Mathematics, Vemana Institute of Technology, Bangalore, Karnataka.
- 6. Smt. B. Prashanthi Reddy, Asst. Professor, has participated in a one day webinar titled "*Meta Analysis*" on "19 July 2020" by Dr. Jaspreet Kaur (Pearl Academy, New Delhi) organised by Institute of Technical and Scientific Research, New Delhi.

- 7. Smt. Mary Jasmine, Asst Professor, has participated in the 3 day online Faculty Development Programme On "*E-Learning Management System*" during the dates 29th June to 1st July, 2020 organized by Yogi Vemana University, Kadapa, Y.S.R Dist. A.P.
- 8. Dr. Ram Bhupal Reddy, Professor and Sri. B. Veera Sankar, Asst. Professor, have published a paper entitled "*Heat transfer on unsteady MHD convective flow of nanofluids in a rotating frame*" in the BPAS (Bulletin of Pure and Applied Sciences) Section -E Mathematics and Statistics, ISSN: 2320 -3226, 2020.
- 9. Sri. K. Ramesh Rao, Asst. Professor, has participated as a virtual participant in the 3 day webinar "*Wake up call A Virtual Wisdom Event for Aspiring Entrepreneurs*" during 17th,18th & 19th July, 2020 organised by Anurag University, Medchal, Hyderabad, Telangana.
- 10. Smt. Mary Jasmine, Asst Professor, has participated in the National Level Online Quiz on "Awareness of Sanitation & Waste Management for COVID -19" organized by National Institute of Technology, Rourkela in the capacity of Regional Coordinating Institute, (RCI) Odisha, on 23rd June, 2020.
- 11. Sri. K. Ramesh Rao, Asst. Professor, has attended a Live Webinar on "Into the Unknown Sequestered but Armed" for Faculty and Research Scholars organized by the Department of English and Other Foreign Languages, SRM Institute of Science and Technology, Ramapuram Campus, Chennai-600089, on 21st July, 2020.
- 12. Sri. Y. Satheesh Kumar Reddy, Assistant Professor, has participated in the One Week International Online Faculty Development Programme on "Applications of Mathematics in Science and Engineering" from 7th to 11th July, 2020 organized by the Department of Basic Science (Mathematics), Vishnu Institute of Technology, Bhimavaram, West Godavari Dist. A.P.
- 13. Sri. K. Ramesh Rao, Asst. Professor, has participated in National Level Online Quiz on "*Communication & Soft Skills*" conducted by Department of English, Government Degree College, Jaggampeta, East Godavari Dist. Andhra Pradesh on 23rd July, 2020 and certificate ID is F3DJXI-CE000177.
- 14. Sri. Y. Satheesh Kumar Reddy, Assistant Professor, has attended Two Day's Faculty Development Programme, on *"Bio fluid Dynamics"* Organized by Department of Mathematics, Rajeev Gandhi Memorial College of Engineering & Technology (Autonomous), Nerawada 'X' Roads, Nandyal, Kurnool District, A. P., conducted from 11-07-2020 to 12-07-2020.
- 15. Smt. Mary Jasmine, Asst Professor, has participated in National Webinar on "PLASTICS VERSUS BIOPLASTICS FROM ENVIRONMENT AND SUSTAINABLE POINT OF VIEW" organized by Department of Applied Science and Humanities (Environmental Science) of Tirumala Engineering College, Narasaraopet, Guntur held on 07th July, 2020.

- 16. Dr. K. Venkata Ramana, Asst. Professor, has participated in a oneday Webinar on "What is research? Tips for Conducting Research" by Dr. Anil Kumar, Vuppala, Associate Professor, IIIT, Hyderabad 18th June, 2020 organized by Internal Quality Assurance Cell (IQAC) & Research and Development Cell (R&D) in association with Department of Electronics and Communication Engineering, Chalapathi Institute of Technology.
- 17. Sri.M Chinna Sanjeevaiah, Asst. Professor, has actively participated and got 90 % in *"Innovation and Entrepreneurship in India"* Online Quiz Organized by MKCE IIC, M.Kumarasamy College of Engineering, Karur on 07.05.2020.
- 18. Dr. K. Venkata Ramana, Asst. Professor, has participated and performed well in the Online quiz on *COVID -19 & Environmental Issues* organized by the Department of Humanities and Sciences, K.S.R.M.College of Engineering, Kadapa on 15th June, 2020.
- 19. Dr. M. SUGUNATHA REDDY, Professor, and Sri.K.KHASIMPEERA, Assistant Professor, have participated in One Day Online International Conference On *DYNAMICS OF BUSINESS AND ECONOMICS- GLOBAL PERSPECTIVE* Organized by IRBE PUBLICATIONS, DENVER, USA.
- 20. Dr. K. Venkata Ramana, Asst. Professor, has participated in Online Awareness Quiz on *International Yoga Day*, organized by the Department of Humanities and Sciences, K.S.R.M.College of Engineering, Kadapa on 26th th June, 2020.
- 21. Dr. G. Radha, Asst. Professor, has participated in the five day online Faculty Development Programme on *Philosophy for Happy Life* conducted from 12th June to 16th June, 2020, organized by Satya Institute of Technology and Management (SITAM), Gajularega, Vijayanagaram, A.P.
- 22. Sri. K. KHASIMPEERA, Assistant Professor, has participated in an Online International COVID-19 Awareness Quiz 2020 on 11-6-2020, organized by Rajiv Gandhi University, (Central University) Papumpare, Arunachal Pradesh, India.
- 23. Dr. G. Radha, Asst. Professor, has attended two days' International Webinar on 'FLUID DYNAMICS AND ITS APPLICATIONS', organised by the Department of Mathematics, Government First Grade College, Vijayanagara, Bengaluru on 28th and 29th May 2020, in association with Department of Mathematics, Bangalore University, Bengaluru.
- 24. Sri. K. KHASIMPEERA, Assistant Professor, has actively participated in Virtual Power Seminar on "*BIG DATA*" held on 25th July 2020 organized by PG Department of Computer Science and Applications, ISLAMIAH WOMEN'S ARTS AND SCIENCE COLLEGE, VANIYAMBADI, TAMIL NADU in Association With ICT Academy.

- 25. Dr. G. Radha, Asst. Professor, has participated in the one day webinar on *Statistics for Data Analytics* conducted by KPR Institute of Engineering and Technology, (Autonomous) Coimbatore, Tamilnadu on 19th June, 2020.
- 26. Sri. K. KHASIMPEERA Assistant Professor, has actively participated FDP on "UGC NTA NET/SET ONLINE CRASH COURSE FOR PAPER-1" Conducted by the Department of Corporate Secretaryship (Shift-II), Patrician College of Arts & Science, Adyar, Chennai-20 from 10th to 14th June 2020.



