

ECE FDPS/WORKSHOPS/CONFERENCES: FACULTY

Mrs. G. V. T. Swaroopa of ECE attended a workshop on “Image and Signal Processing Applications” conducted by JNTU K from 27.10.2020 to 28.10.2020.
 Mr. P. Ashok Kumar of ECE attended a workshop on “Image and Signal Processing Applications” conducted by JNTU K from 27.10.2020 to 28.10.2020.
 Mr. P. Ashok Kumar of ECE attended a workshop on “Medical Image Processing” conducted by NITK-STEP from 31.10.2020 to 01.11.2020.
 Mr.P.Ashok kumar of ECE attended the FDP on “Emerging Trends in OFC Technology”, Conducted by NITTR Chandigarh, from 19.10.2020 to 23.10.2020.
 Mr.P.Ashok kumar of ECE attended the FDP on “Internet of Things and Machine Learning”, Conducted by NIT Warangal, from 26.10.2020 to 30.10.2020.
 Mr.P.Ashok kumar of ECE attended the FDP on “Accreditation for Quality Assurance (NBA and NAAC Guidelines)”, Conducted by NITTR Chandigarh, from 02.11.2020 to 06.11.2020.
 Mr.P.Ashok kumar of ECE attended the FDP on “Photonics”, Conducted by AICTE-ATAL, from 03.11.2020 to 07.11.2020.
 Mrs.M.Dhana Lakshmi Bhavani of ECE attended the FDP on “MATLAB and SIMULINK”, Conducted by APSSDC, from 11.11.2020 to 13.11.2020.
 Ms.G.V.T.Swaroopa of ECE attended the FDP on “MATLAB and SIMULINK”, Conducted by APSSDC, from 11.11.2020 to 13.11.2020.
 Mr.P.Ashok kumar of ECE attended the FDP on “Design Approaches in Analog and Digital VLSI”, Conducted by SASI Institute of Technology Engineering, from 16.11.2020 to 21.11.2020.

EVENTS

The Department of CSE organized workshop on Game Development Using Build Box for II B.Tech & III B.Tech CSE students in association with Women Tech Makers from 14/12/2020 to 19/12/2020. Resource Persons were Mr.T.Ravi Kishore, Mr.P.Alluru Raju, APSSDC Trainers. 175 students participated in it.
 A Seminar on Cyber security trends, issues and challenges was organized by the Department of CSE in association with IEI on 11/12/2020. Resource Person was Dr. B. Subba Rao, Director, SAMEER. 187 students participated in it.
 A Seminar on Python Libraries for Data science was organized by the Department of CSE on 15/12/2020. Resource Person was T. Mastan Rao, CMR College. 101 students participated in it.
 A Seminar on Data Security and related issues was organized by the Department of CSE on 28/12/2020. Resource Person was Dr. Archana Sharma, BARC. 59 students participated in it.

VISION

To be a leading institution of women empowerment producing internationally accepted professionals with psychological strength, emotional balance and ethical values

MISSION

M1: To empower women engineers through innovative teaching-learning practices.

M2: To encourage for higher education and research with well-equipped laboratories.

M3: To promote entrepreneurship through creativity and innovation.

M4: To promote environmental sustainability and inculcate ethical, emotional and social consciousness.

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From the Principal's Desk:

It has been a heartening moment to know that the pandemic has receded a bit and normal situation is limping back to its original position not completely of course. We have to tighten ourselves up to move with the tides of change in the academic world with off line and on line systems of teaching and learning. I am happy that the faculty and students have contributed to the research areas and participated actively in several virtual conferences and webinars. With Best wishes!

Dr. J. Sudhakar

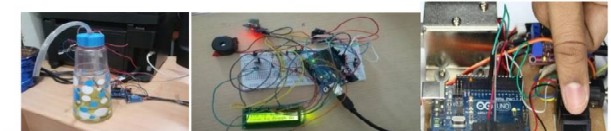
Message by Academic Director:

It has been a year of tumultuous change on all fronts with sorrow and tenacity going side by side. We shall be happy that the situation has improved by the end of the year and let's hope for the best to happen in the coming year of 2021. Best Wishes to the team.

Prof. A. Sesha Rao



IoT Projects by Students



Automatic Sanitizer dispenser Air Pollution Monitoring System Fingerprint Door Lock Control System

ACHIEVEMENTS



- Sunkari Madhuri, II ME won the **Silver medal** at the PM CUP Online Open International Poomsae & Speed Kicking Championship organized by Achievers Taekwondo Academy & Champions Academy of Taekwondo supported by All India University Taekwondo Council held on November, 26-29, 2020

EVENTS

A Guest Lecture on Challenges in Cyber Security was organized by the Department of CSE in association with Women TechMakers on 23/12/2020. Resource Person was Dr.V.Bhujanga Rao, ISRO Chair Professor. 167 students participated in it.
 A Guest Lecture on AI enabled Software Defined Networking was organized by the Department of CSE on 17/11/2020. Resource Person was Mr. B. Venkata Rayulu, Project Executive, IBM. 145 students participated in it.
 A Guest Lecture on Opportunities in Digital Era was organized by the Department of CSE in association with Google Developer's Group on 9/11/2020. Resource Person was Mr.Srikanth N Head Project Manager, Excel Global Solutions. 150 students participated in it.

CSE

Mr.A.Maheswararao, Asst. Prof. published a paper on Robust Detection of Video Text using an efficient hybrid method via key frame extraction and text localization in *Multimedia tools and applications* in November 2020.

Mr. R. Ravi, Asst. Prof., Dr. P. Vijaya Bharathi, Assoc. Prof., Mrs. N. Sowjanya Kumari, Asst. Prof. published a paper on Securing data and image using Mosaic and LSB Technique in *Journal of Critical Reviews* of Volume 7, Issue 18 , December 2020.

ECE

Dr.P.Sudhakar Asst. Prof., published a paper on “Nonlinearity performance analysis of Gaussian weighted adaptive residual unscented particle filter” in Scopus of Vol.63, Issue 5, Oct 2020.

Dr. K.V.RamanaRao Assoc. Prof., published a paper on “Nonlinearity performance analysis of Gaussian weighted adaptive residual unscented particle filter” in Scopus of Vol.63, Issue 5, Oct 2020.

Mr.P.Gopi Krishna Asst. Prof., published a paper on “Nonlinearity performance analysis of Gaussian weighted adaptive residual unscented particle filter” in Scopus of Vol.63 Issue 5, Oct 2020.

Mr.B.Sai bharadwaj Asst. Prof., published a paper on “Detection Of Cardiac Sounding Using Intrinsic Time Scale Decomposition” in Scopus of Vol. 14, Issue 04, Oct 2020.

Mr.D.Tilak Raju Asst. Prof., published a paper on “Pre-Programmed Road Extraction from satellite images using Adaptive texture matching region (ATM-R) Growing Approach” in Scopus of Vol 63, Issue 04, Oct 2020.

Mr.G.Lakshmana Asst. Prof., published a paper on “Pre-Programmed Road Extraction from satellite images using Adaptive texture matching region (ATM-R) Growing Approach” in Scopus of Vol 63, Issue 04, Oct 2020.

Mr.K.Sunil Kumar Asst. Prof., published a paper on “Pre-Programmed Road Extraction from satellite images using Adaptive texture matching region (ATM-R) Growing Approach” in Scopus of Vol 63, Issue 04, Oct 2020.

MECH

S. Chitturi, M. K. Chowdary, M. Bhaumik, D. K. Ammisetti, 2020. Improvement of weld joint strength by applying random vibrations along with external magnetic field, *IOP Conf. Series: Materials Science and Engineering*, 998, 012035, DOI:10.1088/1757-899X/998/1/012035. (Scopus Indexed)

V. B. Raju, S. R. Sevanam, A. B. Varadala, & S. Chitturi, 2020. Effect of Two Stages Artificial Ageing on Microstructure and Mechanical Behavior of Lm 25 Aluminium Alloy. *IOP Conference Series: Materials Science and Engineering*, 998(1), 012029), DOI:10.1088/1757-899X/998/1/012029. (Scopus Indexed)

BS&H

Dr. T. Radhakrishna Murthy published a paper on Men of Soil, Web of Politics and Presidential Memories in *Contemporary Literary Review India_Vol.7, No.4,_November 2020*

Dr. D. Nirmala Devi published a paper on *Chemo* metric Speciation Study of Ni²⁺, Cu²⁺ and Zn²⁺ complexes of Terephthalic acid dihydrazide in aqueous medium in *International Journal of Current Advanced Research* Volume 9, Issue 12. December 2020 DOI:10.24327/ijcar.2020.23452.4643

FDPS/WORKSHOPS/CONFERENCES: FACULTY

CSE

Dr.P.VijayaBharati,Assoc.Prof.,Mr.R.Ravi,Asst.Prof.,Mrs.N.SowjanyaKumari,Asst .Prof.,&Mrs.Sk.Rahimunnisa,Asst.Prof. participated in FDP on Effective Solutions for Industrial Problems using Spark and Azure organized by *J NTUK Kakinada* in association with *EXCELR* from 21/10/2020 to 17/11/2020.

Mr. M. Anil Kumar, Asst. Prof. participated in FDP on Block Chain Technology organized by *IIIT, Dharwad* from 2/11/2020 to 6/11/2020 ,IoT organized by *JNTUA* in association with ATAL from 9/11/2020 to 13/11/2020, Cyber Security organized by *IIT Bhilai* in association with ATAL from 7/12/2020 to 11/12/2020, Natural Language Processing organized by *Manipal Institute of Technology* in association with AICTE from 14/12/2020 to 19/12/2020.

Mr A. Srinivas, Asst. Prof. participated in FDP on Cyber Physical Systems organized by IIT, Pune in association with ATAL from 7/11/2020 to 11/11/2020.

Mr.A.Maheswararao, Asst. Prof. participated in FDP on Matlab and Simulink in association with APSSDC from 11/11/2020 to 13/11/2020.





Ms.Rita Roy ,Asst. Prof. participated in FDP on Data Science and Machine Learning organized by ATAL Academy from 17/11/2020 to 21/11/2020.

Ms. M. Pallavi, Asst. Prof. participated in FDP on Recent trends in AI and ML and Deep Learning organized by *Birla Vishwakarma Maha Vidyalaya Engg. College* from 28/12/2020 to 2/1/2021.

Mr.M.Anil Kumar, Asst.Prof. & Ms.M.Pallavi, Asst.Prof. participated in workshop on Artificial Intelligence and Its Applications organized by *Chalapathi Institute of Engineering and Technology* in association with CSI from 23/11/2020 to 27/11/2020.

Mr. M. Anil Kumar, Asst. Prof. participated in ICAAIML-2020: International Conference on Advances and Applications of AI and ML organized by *Sharda University Uttar Pradesh, Great Noida* from 29/10/2020 to 30/10/2020.

PLACEMENTOR

	16 STUDENTS	2.20 LPA
	19 STUDENTS	3.70 LPA
	8 STUDENTS	4.20 LPA
	3 STUDENTS	3.20 LPA