

Faculty Contributions -Publications/Workshop/Industrial Visit:

- G.Kiran Kumar published a paper Implementation of mems technology based cardiac monitoring and human fall detection system in journal of institute of scholars With E ISBN:"978-81-946370-4-2" on 14-15 june 2020.
- G.Kiran Kumar published a paper synthesization of highly flexible low latency memory based FFT processor for 4G and 5G communications in journal of institute of scholars With E ISBN:"978-81-946370-4-2" on 14-15 june 2020.
- M.Siva krishna published a paper IOT based vertical farming monitoring system using aurdino in journal of institute of scholars With E ISBN:"978-81-946370-4-2" on 14-15 june 2020.
- M.Siva krishna published a paper Reversible logic high speed energy efficient koggle stone adder in journal of institute of scholars With E ISBN:"978-81-946370-4-2" on 14-15 june 2020.
- K.Radhika published a paper Automatic Madicine vending Machine using Arduino ATmega 2560 in journal of institute of scholars With E ISBN:"978-81-946370-4-2" on 14-15 june 2020.
- K.Radhika published a paper No Reference Stereoscopic Image and Video Quality Assessment by Dual Stream Technique in journal of institute of scholars With E ISBN:"978-81-946370-4-2" on 14-15 june 2020.
- Dr Syed Jeelan Basha published a paper Real Time Object Detection using OPENCV and YOLOV3.0 in journal of institute of scholars With E ISBN:"978-81-946370-4-2" on 14-15 june 2020.
- Dr Syed Jeelan Basha published a paper A Novel Approach for Image Forgery Detection using Lateral Chromatic Aberation in journal of institute of scholars With E ISBN:"978-81-946370-4-2" on 14-15 june 2020.
- Dr Syed Jeelan Basha published a paper Forgery Detection of Medical Images for S, mart Healthcare using Non-Intrusive Techniqoe in journal of institute of scholars With E ISBN:"978-81-946370-4-2" on 14-15 june 2020
- Dr. P.Rahul Reddy, Julian P, Mr.G.Kiran Kumar, M.Siva krishna participated in National Conference on Emerging Trends in Engineering (NCETE) 2020 organized by Geethanjali Institute of Science & Technology, Nellore on 14.06.2020.
- Dr. P.Rahul Reddy participated in E-Workshop on Machine Learning organized by Brainovision Solutions, Hyderabad from 27.05.2020 to 29.05.2020.
- Dr. P.Rahul Reddy, Julian P , Dr Syed Jeelan Basha, Mr.G.Kiran Kumar, M.Siva krishna participated in Workshop on Python organized by Geethanjali Institute of Science & Technology Nellore From 18.05.2020 to 22.05.2020.
- M.Siva krishna participated in webinar on Artificial Intelligence-Machine Learning organized Geethanjali Institute of Science & Technology Nellore on 29.05.2020.

- M.Siva krishna participated in webinar on Overview on VLSI organized Geethanjali Institute of Science & Technology Nellore on 04.06.2020.
- K.Radhika participated in webinar on Tools for Making Your Thesis complete organized USHARAMA college of Engineering and Technology on 07.06.2020.
- K.Radhika participated in One Day workshop on Image Classification using MATLAB organized by JAIN Faculty of Engineering and Technology, Bangalore on 24.05.2020
- K.Radhika participated in Webinar on Machine Learning and Deep Learning organized by Kasthurba Gandhi Degree & PG College for Women, Secundrabad on 20.05.2020
- K.Radhika participated in Python for Passionate Programmers organized by JAIN Faculty of Engineering and Technology, Bangalore on 10.05.2020
- Dr Syed Jeelan Basha attended FDP on Research Trends in Image Processing organized by GATES Institute of Technology, Ananthapuramu from 15.6.2020 to19.6.2020 (5 days).
- Dr Syed Jeelan Basha attended FDP on National Level Five Day faculty development program on "Scilab" organized by St Perters EC, Hyderabad along with IIT, Bombay from 15.6.2020 to19.6.2020 (5 days).
- Dr Syed Jeelan Basha attended FDP on A Wireless Transceiver IC: Design, Challenges and Opportunities for BioMedical Applications organized by SVCET, Chittor from 9.6.2020 to10.6.2020 (Two Days).
- Dr Syed Jeelan Basha attended FDP on ARDUINO based Low cost Data Acquisition System using Scilab organized by Pragathi EC along with IIT, Bombay from 8.6.2020 -13.6.2020 (One Week)
- Dr Syed Jeelan Basha attended FDP on Real Time Embedded Systems and its Robotic Applications organized by Shadan CET, Hyderabad from 5.6.2020 -7.6.2020 (Three Days)
- .Dr Syed Jeelan Basha attended FDP on Industrial IOT using LoRa Technology organized by Apply VOLT from 1.6.2020-5.6.2020 (One Week).
- .Dr Syed Jeelan Basha attended FDP on One Week Faculty Development Programme on Scilab organized by GIST, Nellore along with IIT Bombay from 11.5.2020 - 16.5.2020 (One Week)
- Dr. P.Rahul Reddy attended FDP on Tips & Tricks of Research Publication, Patent Filing and Research Grant organized by Kings Engineering College from 10.06.2020 to 12.06.2020 (3 days).
- Dr. P.Rahul Reddy attended FDP on Technologies for Healthcare organized by GMR Institute of Technology from 08.06.2020 to 10.06.2020 (3 days).
- Dr. P.Rahul Reddy attended FDP on Real Time Embedded Systems and its Robotic

Applications organized by Shadan College of Engineering and Technology from 05.06.2020 to 07.06.2020 (3 days)

- Dr. P.Rahul Reddy attended FDP on Recent Advances in Electrical Engineering organized by Vemu Institute of Technology, chittoor from 03.06.2020 to 07.06.2020 (1 week)
- Dr. P.Rahul Reddy attended FDP on Emerging Technologies in Engineering organized by Malla Reddy College of Engineering , Secunderabad From 01.06.2020 to 06.06.2020 (1 week).
- Dr. P.Rahul Reddy attended FDP on Emerging Technologies in Engineering organized by Malla Reddy College of Engineering , Secunderabad From 01.06.2020 to 06.06.2020 (1 week).
- Dr. P.Rahul Reddy attended FDP on Data Science using R organized by K. K. Wagh Institute of Engineering education and Research , Nashik From 28.05.2020 to 30.05.2020 (3 days).
- Dr. P.Rahul Reddy attended FDP on Artificial Intelligence organized by B V Raju Institute of Technology , Hyderabad From 22.05.2020 to 26.05.2020 (5 days)
- Dr. P.Rahul Reddy attended FDP on Networking & Cyber Security organized by Malineni Perumallu Educational Society's Guntur From 23.05.2020 to 27.05.2020
- Dr. P.Rahul Reddy attended FDP on Artificial Intelligence and Machine Learning organized by CMR Technical Campus, Hyderabad From 18.05.2020 to 22.05.2020
- Dr. P.Rahul Reddy attended FDP on Introduction to Data Science organized by Guntur Engineering College From 18.05.2020 to 22.05.2020 (5 days)
- Dr. P.Rahul Reddy attended FDP on Python Programming organized by Geethanjali Institute of Science and Technology, nellore From 11.05.2020 to 16.05.2020 (1 week)
- Dr. P.Rahul Reddy attended FDP on Intellectual Property Rights Awareness organized by Keyway Research, hyd 13.05.2020 (1 day)
- Dr. P.Rahul Reddy attended FDP on Internet of Things organized by CMR Technical Campus , hyd from 04.05.2020 to 08.05.2020 (5 days)
- Dr. P.Rahul Reddy attended FDP on Machine Learning for Beginners organized by Sphoorthy Engineering College , hyd on 03.05.2020 (1 day)
- Dr. P.Rahul Reddy attended FDP on Scilab organized by Sasi Institute Technology and Engineering, Tadepalligudem from 27.04.2020 to 02.05.2020 (1 week).
- M.Sivakrishna attended FDP on Online advanced microsoft excel course organized by voksen corporate training on 12/6/2020
- M.Sivakrishna attended FDP on Scilab organized by IIT Bombay, GIST from 11-05-2020 to 16-05-2020.
- M.Sivakrishna attended FDP on Scilab organized by Sasi Institute Technology and Engineering, Tadepalligudem from 27.04.2020 to 02.05.2020 (1 week).

- Dr.A.Kishore Reddy attended FDP on Research Trends in Image Processing organized by Gates Institute of Technology Anathapuram from 15-06-2020 to 19-06-2020(5 days)
- Dr.A.Kishore Reddy attended FDP on Scilab Programming organized by Geethanjali Institute of Science and Technology from 11-05-2020 to 16-05-2020(One Week)
- Dr.A.Kishore Reddy attended FDP on Introduction to Data Science organized by Guntur Engineering College from 18/05/2020 to 22/05/2020.(5 days)
- Dr.A.Kishore Reddy attended FDP on PHP & MySQL organized by JNTUH College of Engineering ,Jagityal from 18/05/2020 to 23/05/2020(One Week)
- Dr.A.Kishore Reddy attended FDP on ELECTRIC POWER GRID MODERNIZATION TRENDS, CHALLENGES AND PPORTUNITIES organized by KITS ,Guntur from 09/06/2020 to 13/06/2020(5 days)
- Dr.A.Kishore Reddy attended FDP on Modelling and Optimization Techniques for Materials and Manufacturing Processes organized by LBREC, Mylavaram from 18/05/2020 to 22/05/2020 (One Week)
- Dr.A.Kishore Reddy attended FDP on Emerging Technologies in Engineering organized by Malla Reddy College of Engineering Hyderabad from 01.06.2020 to 06.06.2020(6 days)
- Dr.A.Kishore Reddy attended FDP on Networking & Cyber Security organized by Malineni Perumalla Educational Societies Group of Institutions, Guntur from 23.05.2020 to 27.05.2020(5 days)
- Dr.A.Kishore Reddy attended FDP on R Programming organized by Parkasam Engineering College ,Kandakuru from 22-05-2020 to 28-05-2020(One Week)
- Dr.A.Kishore Reddy attended FDP on Python Programming organized by Geethanjali Institute of Science and Technology ,Nellore from 11-05-2020 to 16-05-2020(One Week)
- Dr.A.Kishore Reddy attended FDP on Research Methodologies, Tools and Techniques organized by QIS College of Engineering and Technology ,Ongole from 08.06.2020 to 12.06.2020(5 days).
- Dr.A.Kishore Reddy attended FDP on Moodle Learning Management System organized by Sasi Institute of Technology &Engineering, Tadepalligudem from 27-04-2020 to 02-05-2020(One Week)
- Dr.A.Kishore Reddy attended FDP on Recent Trends in Electrical Engineering organized by Vemu Institute of Technology Chittoor from 03-06-2020 to 07-06-2020(One Week) and 08-06-2020 to 12-006-2020(5 days).
- Dr.A.Kishore Reddy attended FDP on Python organized by Geethanjali Institute of Science and Technology ,Nellore from 18-05-2020 to 22-05-2020(5 days).
- Dr.A.Kishore Reddy attended FDP on Technological Advances in Power Switching

- Converters for Renewable Energy Sources and Fuel Cell Technology for E-vehicles organized by Bapatla Engineering College from 01-06-2020 to 05-06-2020(5 days)
- Dr.A.Kishore Reddy attended FDP on Artificial Intelligence and Machine Learning organized by CMR Technical Campus, Hyderabad from 18-05-2020 to 22-05-2020.
 - Dr.A.Kishore Reddy attended FDP on Internet of Things organized by CMR Technical Campus, Hyderabad from 04-05-2020 to 08-05-2020(5 Days)
 - Dr.A.Kishore Reddy attended FDP on Internet of Things organized by Geethanjali Institute of Science and Technology, Nellore from 09-03-2020 to 14-03-2020.
 - K.Radhika attended FDP on IoT, AI&ML: Industrial Perspective organized by SVCET, Chittoor from 5th June to 7th June, 2020(3 days)
 - K.Radhika attended FDP on Research Trends in Image Processing organized by GATES Institute of Technology, Ananthapuramu from 15th-19th June, 2020(5 days)
 - K.Radhika attended FDP on Artificial Intelligence organized by CMR Engineering College, Hyderabad from 22nd to 26th May, 2020(5 Days)
 - K.Radhika attended FDP on Scilab organized by IIT Bombay, GIST Nellore from 11th to 16th May, 2020(6 Days)

Student Achievements:

Prizes Won/PPT/Poster/Workshop/Online Courses:

- Mande Nimishasai (182U1A0483) participated in TECH SRUJANA 2K20 organized by National Engineering College on 30-06-2020.
- Shaik Azgar Ali (182U1A04D5) participated in Online Quiz Awareness Of General Management Principles organized by Ramireddy Subbarami Reddy Engineering College on 29-06-2020.
- Akkarapakam Muni Sekhar (182U1A0492) participated in webinar organized by Geethanjali Institute Of Science And Technology on 28-06-2020.
- Pamujula Sudheer Babu (182u1a04b0), SHAIK AZGAR ALI 182U1A04D5
- , Sana Supriya 182U5A0411, Bala Sai Venkatesh 172U1A0471, Mohammed Uzma 172U1A0430 , syed nayem 182U1A04F9 , marimuthu krishnaveni 182U1A0485 , Neelisetty Basava Meghana 182U1A04A3 , katavuri chandrakala 182U1A0467, Penubolu Siva Mala 182U1A04B5 participated in Online Quiz "covid-19 awareness" organized by Geethanjali Institute Of Science And Technology on 26-06-2020.
- Valluru Sravanthi 182U1A04H0 participated in webinar User interface design organized by Sathyambama institute of science and technology on 24-06-2020.
- Valluru Sravanthi 182U1A04H0, syed nayem 182U1A04F9, marimuthu krishnaveni 182U1A0485 participated in E-Quiz on programming language organized by Sri Mittapali institute of technology for women on 24-06-2020.
- Chinthalapudi Sairupa 172U1A04D6 participated in National level quiz on python and engineering mathematics organized by Indian servers and sumathireddy institute of

technology for women on 23-06-2020.

- Sellamuthu Aruna 182U1A04D1 participated in webinar How to prevent the network attacks organized by Indian servers and Sathyambama institute of science and technology on 23-06-2020.
- Valluru Sravanthi 182U1A04H0 participated in webinar How to prevent the network attacks organized by Indian servers and Sathyambama institute of science and technology on 23-06-2020.
- SV.Adithya 172U1A0443 participated in webinar machine learning with python organized by IBM on 22-06-2020.
- Mande.Nimishasai 182U1A0483 participated in Online Quiz Mind Scribbled English organized by Bharat Institute Of Engineering Technology on 22-06-2020.
- Katavuri Chandrakala 182U1A0467 participated in webinar Modern Technology Artificial Intelligence And Machine Learning organized by Saveetha Engineering College on 22-06-2020.
- SV.Adithya 172U1A0443 ONLINE CERTIFICATION COURSES python for data science participated in organized by IBM on 21-06-2020.
- Kodavala Akhila 182U1A0471, Kodavala Nikhitha 182U1A0472 participated in WEBINARS Why communication engineering organized by Savitha engineering college on 21-06-2020.
- Katavuri Chandrakala 182U1A0467, Kodavala Akhila 182U1A0471, Kodavala Nikhitha 182U1A0472 , participated in Webinars Automation in cloud software applications organized by Savitha engineering college on 20-06-2020.
- NAGAM NAGALAKSHMI 182U1A0496, participated in National level online quiz on C program organized by Department of Computer Science And Engineering on 20-06-2020.
- PALUKURU VENKATA SAI KUMAR REDDY 182U1A04A9, PAMUJULA SUDHEER BABU 182u1a04b0 participated in national level quiz on AAR organized by department of mathematics, Rajiv Gandhi memorial College of engineering and technology on 6/19/2020.
- PAMUJULA SUDHEER BABU 182u1a04b0 participated in national level quiz on Hybrid vehicles organized by Department of electrical and electronics engineering, Rajiv Gandhi memorial College of engineering and technology on 6/19/2020.
- UKURU VENKATA SAI KUMAR REDDYPAL 182U1A04A9 participated in aptitude and English grammar department of sciences and humanities, Sumathi Reddy institute of technology on 6/18/2020.
- Machavolu Divya Sathvika 182U1A0479, KATAVURI CHANDRAKALA 182U1A0467, Kodavala Akhila 182U1A0471, KODAVALA NIKHITHA 182U1A0472 participated in WEBINARS NEC XTRA genius 2k20 organized by National

- Engineering College on 6/18/2020.
- Machavolu Divya Sathvika 182U1A0479, KATAVURI CHANDRAKALA 182U1A0467, Kodavala Akhila 182U1A0471, KODAVALA NIKHITHA 182U1A0472 participated in WEBINARS Innovations using Block chain Technology Industrial Perspective organized by Saveetha Engineering College on 6/18/2020.
 - Neelisetty Basava Meghana 182U1A04A3 participated in Quiz on electromagnetic fields and waves organized by Department of electronics and communication engineering, GMR institute of technology on 6/18/2020.
 - Bodipudi Priyanka 182U1A0419, PAMUJULA SUDHEER BABU 182u1a04b0, MARIMUTHU KRISHNAVENI 182U1A0485, Machavolu Divya Sathvika, 182U1A0479, Neelisetty Basava Meghana 182U1A04A3, KATAVURI CHANDRAKALA 182U1A0467, Penubolu Siva Mala 182U1A04B5, Kodavala Akhila 182U1A0471, KODAVALA NIKHITHA 182U1A0472 participated in Quiz on Electrical power systems and Engineering organized by Geethanjali Institute of science and technology on 6/17/2020.
 - KATAVURI CHANDRAKALA 182U1A0467, participated in 2 days national level webinar on BLOCK CHAIN TECHNOLOGY. organized by MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE. on 6/17/2020.
 - Kodavala Akhila 182U1A0471, KODAVALA NIKHITHA 182U1A0472 participated in WEBINARS Future of industry 4.0 post covid 19 paradigm organized by Savitha engineering college on 6/17/2020.
 - Khajana Naga Vyshnavi 172U1A0426 participated in ONLINE QUIZ organized by Bharath Institute of Engineering and Technology on 6/16/2020.
 - MARIMUTHU KRISHNAVENI 182U1A0485, Machavolu Divya Sathvika 182U1A0479, Neelisetty Basava Meghana 182U1A04A3, KATAVURI CHANDRAKALA 182U1A0467 participated in ONLINE QUIZ lectrical measurements and instrumentation organized by Geethanjali Institute of Science and Technology on 6/16/2020.
 - MARIMUTHU KRISHNAVENI 182U1A0485, Neelisetty Basava Meghana 182U1A04A3, KATAVURI CHANDRAKALA 182U1A0467 participated in ONLINE QUIZ POWER ELECTRONICS AND DRIVES organized by Geethanjali Institute of Science and Technology on 6/15/2020.
 - KATAVURI CHANDRAKALA 182U1A0467 participated in ONLINE QUIZ Quiz on chemistry organized by Vignans institute of management and technology for women on 6/15/2020.
 - IV ECE students 2016 batch have published journals in National Conference on Emerging Trends in Engineering (NCETE-2020) organized by department of ECE, GIST dated on 6/14/2020.

- PAMUJULA SUDHEER BABU 182u1a04b0, KONDAPALLI BHARADWAJ 182U1A0474 Konidala munivarun 182u1a0475, Meesala.Devipriya 182U1A0486 participated in A 6 day (12th to 17th June 2020) national level online quiz "sparky-2020 organized by Geethanjali Institute of Science and Technology on 6/14/2020.
- MARIMUTHU KRISHNAVENI 182U1A0485, Neelisetty Basava Meghana 182U1A04A3, KATAVURI CHANDRAKALA 182U1A0467, Penubolu Siva Mala 182U1A04B5 participated in Quiz on physics organized by Geethanjali Institute of Science and Technology on 6/14/2020.
- MARIMUTHU KRISHNAVENI 182U1A0485, Machavolu Divya Sathvika 182U1A0479, Neelisetty Basava Meghana 182U1A04A3, KATAVURI CHANDRAKALA 182U1A0467, Penubolu Siva Mala 182U1A04B5 participated in Quiz on control systems engineering organized by Geethanjali Institute of Science and Technology on 6/14/2020.
- Machavolu Divya Sathvika 182U1A0479, KATAVURI CHANDRAKALA 182U1A0467, Kodavala Akhila 182U1A0471 participated in Quiz Sustainability and circular economy organized by Geethanjali Institute of Science and Technology on 6/14/2020.
- Neelisetty Basava Meghana 182U1A04A3, participated in Quiz on mathematics organized by Geethanjali Institute of Science and Technology on 6/14/2020.
- MARIMUTHU KRISHNAVENI 182U1A0485, Neelisetty Basava Meghana 182U1A04A3 participated in Quiz on electrical machines organized by Department of electrical and electronics engineering of geethanjali institute of science and technology on 6/13/2020.
- KATAVURI CHANDRAKALA 182U1A0467 participated in Quiz on mathematics organized by Vignans institute of management and technology for women on 6/13/2020.
- KATAVURI CHANDRAKALA 182U1A0467 participated in Quiz on DIGITAL ELECTRONICS, ELECTROMAGNETIC FIELDS AND WAVES organized by GMR institute of technology, KAKINADA on 6/13/2020.
- KATAVURI CHANDRAKALA 182U1A0467 participated in Quiz on ELECTRICAL MACHINES organized by Geethanjali institute of science and technology on 6/13/2020.
- KATAVURI CHANDRAKALA 182U1A0467, Kodavala Akhila 182U1A0471, KODAVALA NIKHITHA 182U1A0472 participated in WEBINARS on How to be an ethical hacker organized by Savitha engineering college on 6/13/2020.
- Sana Supriya 182U5A0411 participated in ONLINE QUIZ Signal Conditioning, Digital Filters organized by Narayana Engineering College, Nellore on 6/12/2020.
- Machavolu Divya Sathvika 182U5A0411 participated in ONLINE QUIZ Digital

- Electronics, Analog Communication Systems organized by GMR Institute of Technology on 6/12/2020.
- Penubolu Siva Mala 182U1A04B5 participated in ONLINE QUIZ Digital Electronics, organized by GMR Institute of Technology on 6/12/2020.
 - Penubolu Siva Mala 182U1A04B5 participated in ONLINE QUIZ Engineering Mathematics, Electric Circuit Analysis & Synthesis, organized by Geethanjali institute of science and technology on 6/12/2020.
 - Machavolu Divya Sathvika 182U1A0479, KATAVURI CHANDRAKALA 182U1A0467 participated in ONLINE webinar Preparing for better tomorrow , organized by Geethanjali institute of science and technology on 6/12/2020.
 - MADALA MOUNIKA 182U1A0480 participated in National level online quiz sparky_2020 organized by Geethanjali institute of science and technology on 6/12/2020.
 - Kesarla Pavithra 182U1A0470 participated in online quiz Signal conditioning organized by Narayan institute of science and technology on 6/12/2020.
 - SELLAMUTHU ARUNA 182U1A04D1 participated in online WEBINARS Big data powering AI & data stream processing organized by SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY) on 6/11/2020.
 - Sana Supriya 182U5A0411 participated in ONLINE QUIZ Financial Accounting And Capital Management organized by Narayana Engineering College, Nellore on 6/11/2020.
 - Machavolu Divya Sathvika 182U1A0479, ONLINE QUIZ on C programming organized by Gates Institute of Technology 6/10/2020.
 - Machavolu Divya Sathvika 182U1A0479, ONLINE webinar on The Future of Work and Skill in the post Covid world organized by Saveetha Engineering College 6/10/2020.
 - Machavolu Divya Sathvika 182U1A0479, ONLINE webinar on Exploring Machine learning in pixels organized by Saveetha Engineering College 6/9/2020.
 - Machavolu Divya Sathvika 182U1A0479, ONLINE webinar on IT Companies and it Needs organized by Saveetha Engineering College 6/8/2020.
 - KATAVURI CHANDRAKALA 182U1A0467 participated in online quiz 2nd World food safety day 2020 organized by DEPARTMENT OF FOOD TECHNOLOGY ,AKS UNIVERSITY SATNA (M.P) on 6/7/2020.
 - KATAVURI CHANDRAKALA 182U1A0467 participated in STUDENT WORKSHOPS PHYTON PROGRAMMING - INTERMEDIATE organized by JAIN ,faculty of engineering and technology on 6/7/2020.
 - Sana Supriya 182U5A0411 , TALLURI SARAN TEJA 182U1A04G4 participated in webinar

- Smart Manufacturing and Industry 4.0 organized by MEKAPATI RAJAMOCHAN REDDY Institute of Technology & Science, Nellore on 6/6/2020.
- Neelisetty Basava Meghana 182U1A04A3 participated in quiz National level competition on c programming language organized by Department of computer science and engineering, Gates institute of technology on 6/6/2020.
- Sana Supriya 182U5A0411 participated in REVELATION 2020-Fundamentals of Electronics organized by PSNA College of Engineering and Technology on 6/5/2020.
- SYED NAYEM 182U1A04F9 participated in ONLINE CERTIFICATION COURSES Embedded Skill Development Program organized by Edgate Technologies Pvt Ltd on 6/5/2020.
- MARIMUTHU KRISHNAVENI 182U1A0485, Neelisetty Basava Meghana 182U1A04A3 , Machavolu Divya Sathvika 182U1A0479, KATAVURI CHANDRAKALA 182U1A0467, Penubolu Siva Mala 182U1A04B5 participated in E- quiz on Java programming organized by Vaagdevi Institute of Science and Technology on 6/4/2020.
- Donthamsetty Gayathri Kamakshi 172U1A0417 participated in PAPER PRESENTATION AAVISHKAR-2020 organized by IETE on 6/3/2020 and won prize.
- Donthamsetty Gayathri Kamakshi 172U1A0417 participated in National level e-Quiz on python programming organized by Indian servers on 6/3/2020.
- YELLAMRAJU SIVA POOJITHA 182U1A04H5 participated in ONLINE QUIZ LICA- Linear integrated circuits and Applications organized by VIGNANS INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN on 6/2/2020.
- MARIMUTHU KRISHNAVENI 182U1A0485, participated in Quiz on C-programming organized by SMT.INDRANI VASIREDDY on 6/1/2020.
- Penubolu Siva Mala 182U1A04B5, participated in Quiz on C-programming organized by VIGNAN'S INSTITUTE OF MANAGEMENT AND TECHNOLOGY FOR WOMEN on 6/1/2020.
- Kesarla Pavithra 182U1A0470 participated in WEBINARS Think Big organized by Saveetha Engineering college on 6/1/2020.
- Sana Supriya 182U5A0411 participated in webinar An Overview on ARDUINO by MEKAPATI RAJAMOCHAN REDDY Institute of Technology & Science, Nellore on 5/31/2020.
- Sana Supriya 182U5A0411, MANDE NIMISHASAI 182U1A0483 , Machavolu Divya Sathvika 182U1A0479, Neelisetty Basava Meghana 182U1A04A3, PESALA SUPRIYA 182U1A04B6, Penubolu Siva Mala 182U1A04B5, Kodavala Akhila 182U1A0471 participated in The Tech Quiz(National level technical online quiz on

- IOT) by Audisankara Institute of Technology on 5/31/2020.
- KATAVURI CHANDRAKALA 182U1A0467 participated in online quiz Covid-19 awareness program organized by NOIDA INSTITUTE OF ENGINEERING & TECHNOLOGY, GREATER NOIDA on 5/31/2020.
- Mynampati Sumalatha 182U1A0495 participated in online quiz LICA-linear IC applications organized by Vignans institute on 5/31/2020.
- Sana Supriya 182U5A0411, TALLURI SARAN TEJA 182U1A04G4 participated in webinar Product Life Cycle in Embedded Systems organized by Makapati Rajamohan Reddy Institute of Technology & Science on 5/30/2020.
- PALUKURU VENKATA SAI KUMAR REDDY 182U1A04A9 participated in live webinar in artificial intelligence-machine learning organized by Saveetha engineering college on 5/29/2020.
- SYED NAYEM 182U1A04F9 participated in ONLINE CERTIFICATION COURSES Structured Query Language Course organized by VOKSEN CORPORATE TRAINING on 5/29/2020.
- Meesala.Devipriya 182U1A0486 participated in ONLINE The tech quiz organized by Department of electronics and communication engineering of Audisankara institute of technology on 5/29/2020.
- Kesarla Pavithra 182U1A0470 participated in WEBINARS How to become an entrepreneur organized by Saveetha engineering college on 5/29/2020.
- Kesarla Pavithra 182U1A0470 participated in WEBINARS Electronics revolution in scientific world organized by Saveetha engineering college on 5/29/2020.
- Chinthalapudi Sairupa 172u1A04d6, G.Sravya 172U1A0421, Mohammed Uzma 172U1A0430, SaiSireesha Penumalli 172U1A0436 participated in ONLINE QUIZ Python organized by Indian servers on 5/28/2020.
- SYED NAYEM 182U1A04F9 participated in ONLINE CERTIFICATION COURSES Android App Development for Embedded System organized by Edgate Technologies Pvt Ltd on 5/28/2020.
- SHAIK AZGAR ALI 182U1A04D5 participated in ONLINE QUIZ ENTREPRENEURSHIP DEVELOPMENT AND INNOVATION organized by VAAGDEVI COLLEGE OF SCIENCE AND TECHNOLOGY on 5/27/2020.
- Penubolu Siva Mala 182U1A04B5 participated in ONLINE QUIZ ENTREPRENEURSHIP DEVELOPMENT AND INNOVATION organized by VAAGDEVI COLLEGE OF SCIENCE AND TECHNOLOGY on 5/27/2020.
- Chinthalapudi Sairupa 172u1A04d6, Pelluru Chenchu Harshini 172U1A04F9, Sana Supriya 182U5A0411, MANDE NIMISHASAI 182U1A0483 participated in ONLINE QUIZ Online quiz on AI, IoT, Robotics and emerging technologies. organized by Institution's innovation Council of N. B. K. R. I. S. T on 5/25/2020.

- MANDE NIMISHASAI 182U1A0483, Machavolu Divya Sathvika 182U1A0479 participated in ONLINE CERTIFICATION COURSES Python workshop organized by Geethanjali Institute of Science and Technology on 5/22/2020.
- NAGARAJU LALITH SURYATEJA 182U1A0497 participated in ONLINE CERTIFICATION COURSES IBM COGNITIVE CLASS (M L WITH PYTHON) organized by IBM COMPANY on 5/21/2020.
- Bala Sai Venkatesh 172U1A0471 participated in ONLINE CERTIFICATION COURSES Career edge - knockdown the lockdown organized by Tata consultancy services (TCS) on 5/19/2020.
- PALUKURU VENKATA SAI KUMAR REDDY 182U1A04A9, TALLURI SARAN TEJA 182U1A04G4, KONDAPALLI BHARADWAJ 182U1A0474, Konidala munivarun 182u1a0475, Kodavala Akhila 181U1A0471, KODAVALA NIKHITHA 182U1A0472 participated in 5 days work shop on python organized by Voksen Corporate training on 5/18/2020.
- GANDAVARAPU SRIVIDYA 182U1A0444, Bonigi.Jos hna 182U1A0421, PAMUJULA SUDHEER BABU 182u1a04b0, Bollineni.Lakshmi madhuri 182U1A0420, participated in Online quiz -computer fundamentals organized by Dr. S. Padmapriya, A. V. C college of engineering on 5/17/2020.
- NAGAM NAGALAKSHMI 182u1A0496, Chinthalapudi Sairupa 172u1A04d6, participated in Online quiz -computer fundamentals organized by Dr. S. Padmapriya, A. V. C college of engineering on 5/16/2020.
- Sana Supriya 182U5A0411 participated in webinar GST organized by ICT Academy on 5/15/2020.
- Machavolu Divya Sathvika 182U1A0479 participated in webinar Learn Basic android app development techniques in an hour organized by Saveetha Engineering College on 5/13/2020.
- mohamme muskaan sulthana 182u1a0490, M.Deepika 182u1a0481, KATAVURI CHANDRAKALA 182U1A0467, Mynampati Sumalatha 182U1A0495, KODAVALA NIKHITHA 182U1A0472, NAGAM NAGALAKSHMI 182u1A0496, Machavolu Divya Sathvika 182U1A0479, Neelisetty Basava Meghana 182U1A04A3 participated in ONLINE QUIZ cyber security organized by K.S.R COLLEGE OF ARTS AND SCIENCE FOR WOMEN on 5/8/2020.
- Sana Supriya 182U5A0411 participated in ONLINE CERTIFICATION COURSES Interview Skills organized by TCS iON on 4/29/2020.
- Sana Supriya 182U5A0411 participated in C200-online contest organized by Texas Instruments on 4/13/2020.
- Sana Supriya 182U5A0411 participated in MSP-online contest organized by Texas Instruments on 4/13/2020.

Events Organized
Report On “One week Faculty Development Program on Scilab”

ONE WEEK ONLINE FACULTY DEVELOPMENT PROGRAM ON SCILAB

FROM 11-05-2020 TO 16-05-2020

IN ASSOCIATION WITH IIT BOMBAY Exam Date: 16-05-2020

Registration Fee: NIL (Remote Learning through SPOKEN TUTORIAL)

ORGANIZED BY DEPARTMENTS OF ECE & EEE

Useful Links
Course Content: <https://spoken-tutorial.org/cdcontent>
Tutorial: https://spoken-tutorial.org/tutorial-search/?search=..._foss
Scilabs: https://spoken-tutorial.org/tutorial-search/?search=..._foss

E-Certificate will be provided for the participants who clears the examination

REGISTRATION LINK: <https://forms.gle/5TalDr5oB9rfWAc5A>

Co-ordinator: Mr. Y. V. Ramesh, Asst. Professor, Contact: 8686728736
Convener: Mr. P. Raghavareddy, Assoc. Professor/ECE
Co-convener: Dr. T. N. V. L. N. Kumar, Professors/HOD/EEE
Chairman: Dr. G. Subba Rao, Principal

“A One week Faculty Development Program on Scilab was jointly organized by the Department of Electronics and Communication Engineering and The Department of Electrical and Electronics Engineering in association with Spoken Tutorials, IIT Bombay As per the given schedule Faculty improvement program was organized from 11/05/2020 to 16/05/2020 through spoken tutorials.

“A live webinar on artificial intelligence and machine learning”

The Department of Electronics and Communication Engineering was organized a Live Webinar on “Artificial Intelligence-Machine Learning” on 29-5-2020, during 2-30 p.m -4.00 P.m. Dr. S. Varadarajan, Professor, ECE, SVUCE, Srivenkateswara University was the speaker of the session. He delivered the session excellently about artificial intelligence and machine learning.

A Live Webinar on “Artificial Intelligence-Machine Learning”

On May 29th 2020
Time: 2:30 p.m. to 4:00 p.m.

Organized by Department of Electronics and Communication Engineering

Speaker: Dr. S. Varadarajan, Professor, Department of ECE, S.V. University College of Engineering, S.V. University, Tirupathi

E-Certificate will be provided to the participants

Convener: Mr. P. Raghavareddy, Assoc. Professor/ECE
Co-Convener: Dr. S. K. Mahaboob Basha, HOD-ECE
Principal: Dr. G. Subbarao
Secretary & Correspondent: Mr. N. Sudhakar Reddy

Link to Register: <https://forms.gle/VCU2DATkS9pnySuVA>

One day Webinar “Overview on VLSI”

GEETHANJALI INSTITUTE OF SCIENCE & TECHNOLOGY
GANGAVARAM (V), KOVUR (M), NELLORE-524137

Webinar on “Overview on VLSI”

Jointly Organized by Departments of Research & Development and Electronics and Communication Engineering

4th June 2020 | 2:00PM-3:30PM

Using ZOOM application

Resource Person: Dr. K. VENKATA RAMANAIAH, Professor & HOD of ECE, Y.S.R. Engineering College of Yogi Vemana University

Link to Register: <https://forms.gle/2Uw6JYmjnVDBtst69>

E-Certificate will be provided

Convener: Dr. S. K. Mahaboob Basha, HOD/ECE
Co-convener: Mr. P. Raghava Reddy, Assoc. Professor/ECE
Principal: Dr. G. Subba Rao
Secretary & Correspondent: Mr. N. Sudhakar Reddy

The Department of R&D and ECE of Geethanjali Institute of Science and Technology jointly organized a One day Webinar “Overview on VLSI” on Thursday, 4th June, 2020 in Online for Academicians and students..Dr. K.Venkata Ramanaiah Professor & Head of the Department of Electronics and Communication Engineering, Y.S.R Engineering College of Yogi Vemana University, Proddatur.

E-Conference on “National Conference on Emerging Trends in Engineering- 2020” 14th June, 2020

National Conference on Emerging Technologies in Engineering-2020

14th and 15th June 2020

Organized by: Departments of ECE & EEE, Geethanjali Institute of Science and Technology (Nellore, A P)

Editors: Dr. Shaik. Mahaboob Basha, Dr. T.N.V.L.N. Kumar, Mr. P. Raghava Reddy, Mr. Nanjesh B R

E-ISBN: “978-81-946370-4-2”

The Department of ECE and EEE of Geethanjali Institute of Science and Technology jointly organized a One day E-Conference on “National Conference on Emerging Trends in Engineering- 2020” on Sunday, 14th June, 2020 in Online for Academicians and students. The technical collaborator for this conference is Institute of Scholars, Bangalore. Students and Faculty from various states such as Tamilnadu, Karnataka, Telangana and Andhra Pradesh have registered and participated in the webinar. 72 Papers are presented in the conference. Participants are actively engaged in the Conference.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEO1: Apply Engineering concepts to solve Electronics and Communication Engineering problems of social relevance.

PEO2: Design and develop Electronic devices and Systems for Industry or pursue research.

PEO3: Demonstrate competencies through continuous learning and adapt to multi-disciplinary environment.

PEO4: Practice professional values and contribute to the societal needs.

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1: Professional Skills: Apply principles of Analog and Digital Electronics, Communication Systems, Image processing, VLSI and Embedded Systems to solve diverse problems.

PSO2: Software Knowledge: Develop solutions for complex engineering problems of social relevance by employing Xilinx, CC Studio, Micro Wind, Keil, NG Spice, Scilab tools.

Editorial Board:

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GEETHANJALI INSTITUTE OF SCIENCE AND TECHNOLOGY
(Approved by AICTE, New Delhi & Affiliated to JNTU, Anantapur)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

NEWS LETTER

ABSOLUTE ELECTRONICS

"Key to Success"

Vision

- To become a reputed learning centre producing competent professionals.

Mission

DM1: Provide Quality education through interactive teaching-learning practices.

DM2: Establish Technology-enabled environment for building core competencies including robotics.

DM3: Arrange Industry-Interaction to hone professional skills.

DM4: Organize activities to foster social skills and ethical values.

6G Technology

6g technology refers to the sixth generation technology. It is proposed to integrate 5G technology for a global coverage. For resource monitoring and weather information multimedia video and high-speed Internet connectivity and the Earth imaging satellite networks are used. To integrate these three kinds of satellite like telecommunication, navigation, multimedia networks which provide global positions, internet connectivity with high speed and for mobile user's weather information services are major three objectives for 6g technology. **Key points** include Ultra fast to access Internet, Data rates up to 10-11 Gbps., Home automation and other related applications, Smart Homes, Cities and Villages, Used in the production of Energy from galactic world, Space technology and Defense applications will be modified with 6G networks, Home based ATM systems, Satellite to Satellite Communication for the development of mankind.

