TECHNO DIGEST
Newsletter from Department of ECE
Geethanjali College of Engineering and Technology
(UGC Autonomous, Approved by AICTE and Permanently Affiliated to JNTUH)
(Accredited by NAAC with 'A' Grade and Accredited by NBA)

Chairman: Sri G. R. Ravinder Reddy   **Principal: Dr. S. Udaya Kumar**

Head of the Department:
Prof. B.Hari Kumar

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Mrs. V. Sirisha, Asst. Professor

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Dr. R.S.Raju, Professor
Dr. S.Suryanarayana, Professor
Dr. C.V.Narasimhulu, Professor
Dr. B.L. Prakash, Professor
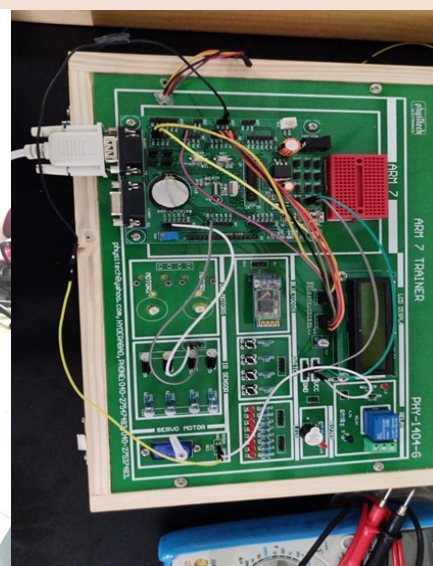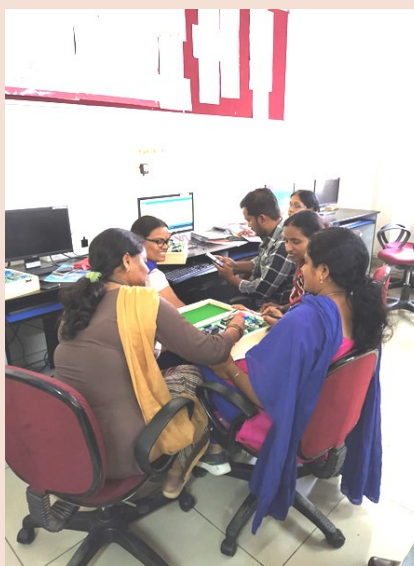**Prof. K.Somasekhara Rao**
Prof. O.V.P.R Siva Kumar
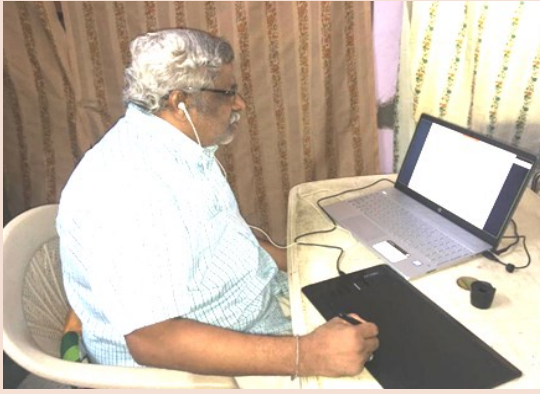**Prof. S.Bhujanga Rao**
Dr. P.Srihari, Professor

Faculty Development Programs

♦ An In-House Faculty Development Program on "**Project Oriented lab course**", was organized from 28th February to 6th March, 2020 by Group IV (Digital Electronics). Mr. M.Anand, Assistant Professor was the resource person. Eight faculty members attended this program.

♦ A demo was organized by Group IV (Digital Electronics) on "**Node MCU**" by Mr. Shareef from M/s Physitech Electronics, Hyderabad on 2nd February, 2020 for Project oriented Lab.

♦ An online Faculty Development Program "**Introduction to Image Processing**" was organized by Group V (Analog Electronics and Instrumentation) from 9th to 15th May, 2020. Dr. S.Suryanarayana was the Coordinator of this FDP. Dr. S.Suryanarayana, Professor and Dr. S.Saritha, Associate Professor from Department of ECE, GCET were the resource persons. A total of 34 faculty members participated in this FDP.

♦ A two week In - house online Faculty Development Program was conducted on " **Advanced Computer Architecture (ACA) course**" by Group IV (Digital Electronics) from 11th to 22nd May, 2020. The Coordinator and the resource person of this FDP was Prof. K.Somasekhara Rao, Professor from Department of ECE, GCET. A total of 26 faculty members participated in this FDP.

Student Development Programs

♦ A Student Development Program was organized by Group IV (Digital Electronics) on "**Arduino Programming and Hands-on using Tinkercad",** Mr. Ch.Sandeep and Mr. M.Anand, faculty from the Department of ECE, GCET trained altogether 98 students from II year through online mode from 11th to 24th April, 2020.

♦ A Two week Student Development workshop on **"Arduino programming",** was conducted from 13th to 25th April, 2020 for II year students by Group-IV (Digital Electronics). 36 projects were done by 97 students under the guidance of Prof. K.Somashekara Rao. The trainers were Mr. Ch.Sandeep, Mr. M.Anand, Mr. P.Chandra Prakash Reddy, Mrs. M.Laxmi, Mrs. M.Uma Rani and Mrs. A.R.L.Padmaja, faculty from the Department of ECE, GCET.

♦ An online Student Development Program, "**Introduction to Image Processing**", was organized by Group V (Analog Electronics and Instrumentation) from 9th to 15th May, 2020. The Coordinator of this FDP was Dr. S. Suryanarayana. The resource persons were Dr. S. Suryanarayana, Professor from Department of ECE, GCET and Dr. S. Saritha, Associate Professor from Department of ECE, GCET. A total of 65 students participated in this SDP.

Student Peer Learning Program

A four week student peer learning program on "**Development of Projects using Arduino**", was organized by Group-IV (Digital Electronics) from 11th to 23rd May, 2020 by II year ECE students to I year ECE students under the student club **Srujanastra** with the coordination of Prof. K.Somasekhara Rao, Professor from Department of ECE, GCET. A total of 14 second year students trained 82 first year students.

Guest Lectures

A Guest Lecture on "**IoT Communication Protocols**", was organized by Group IV (Digital Electronics) for III year students on 2nd March, 2020. Resource person for this guest lecture was Mr. Phanikumar Varanasi, Founder and CEO Hanbit Automation, Cherlapally, Hyderabad. 150 students attended this program

Books Published/Journal /Conferences Papers/Invited Talks

♦ Dr .C.Venkata Narasimhulu authored a book on "**Digital Image and Video Watermarking**", which has been published by Lambert Academic Publishing in the month of June 2020.

♦ Dr .C.Venkata Narasimhulu published "**Denoising Images by Dual Tree Complex wavelet Transform combined with Metaheuristic Optimization Algorithms**", in International Journal of Innovative Technology and Exploring Engineering (IJITEE) in Scopus indexing, ISSN: 2278-3075, Volume-9, Issue-4, February 2020.

- Dr .C.Venkata Narasimhulu published "**Dual Stage Bayesian Network with Dual-Tree Complex Wavelet Transformation for Image Denoising**", in Journal of Engineering in Scopus and web of Science indexing. Research Vol. 8, No. (1) March 2020 pp. 154-178.

- Dr .C.Venkata Narasimhulu published "**Design and Implementation of Low Complexity Circularly Symmetric 2D FIR Filter Architectures**", in Multidimensional Systems & Signal Process (MULT) in Scopus and web of science indexing, March 2020. DOI: 10.1007/s11045-020-00714-3.

- Dr .C.Venkata Narasimhulu's manuscript "**Modified Euler Frobenius Halfband Polynomial Filter based Dual-Tree Complex Wavelet Transform and Metaheuristic Optimization Algorithms for Image Denoising along with Artificial Neural Networks**" is published in the International Journal of Advanced Science and Technology (IJAST), Vol. 29 No. 06 April 2020.

- Dr.P.Srihari published **"Sumulti Codes- A Binary Forward Error "** in International Journal of future generation communication and networking in web of sciences indexing, Vol.13, Issue No 1,April 2020, pp 1170-1175.

- Dr. C.Venkata Narasimhulu has published a paper with the title "**Image Denoising using an Artificial Neural Network and Optimization algorithm Based Dual-Tree wavelet Transform**". It was published in the proceedings of Springer ICSCSP20 in Scopus and web of science indexing, held on 19th and 20th June 2020.

- Dr. S.Spandana and Dr. C.Venkata Narasimhulu have presented a paper on **"Mammogram Classification using Rotation Invariant Local Frequency Features"** in International Conference on Recent Trends in Machine Learning, IOT, Smart Cities & Applications (ICMISC 2020) by Springer and is indexed by SCOPUS, at CMRIT, Hyderabad held on 28th and 29th March 2020, Hyderabad, India.

- Dr. S Saritha and Dr. C Venkata Narasimhulu have published "**Segmentation of tumor using PCA based modified fuzzy C means algorithms on MR brain images**" in International Journal of Imaging Systems and Technology an SCI and SCOPUS indexed journal, May 2020, pp.1-9.

- Dr.V.Satya Srinivas, Associate Professor delivered an invited lecture on "**GNSS Data Processing Using Bernese Software**", during one-week short term training program (STTP) on "**Recent Research Developments and Challenges in Communication and Navigation Technologies**", on 29th February, 2020 organized by Department of ECE, UCE, OU and Department of ETE, VSSUT, Burla, Orissa during 25th to 29th February, 2020 at OUCE, Hyderabad.

Empowerment of the Department

- Prof. B.Hari Kumar is held in esteem as **Dean of School of Electrical and Communication Engineering**.

- Dr. S.Suryanarayana is elevated as **Head of the Department of Electronics and Communication Engineering** .

Faculty Achievements

- Dr. V.Satya Srinivas has successfully completed **"Neural Networks and Deep Learning",** on 20th April, 2020 and **"Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization"**, on 26th April, 2020, online non-credit courses authorized by deeplearning.ai and offered through Coursera.

- Mrs. V.S.Padma Priya has successfully completed **"Machine Learning for all"**, on 2nd June, 2020 an online non-credit course authorized by University of London and offered through Coursera.

- Dr. R.S.Raju and Dr. S.Vallisree conducted a faculty peer learning sessions on "**Emerging Trends in MW tubes"** and "**Research Methodology**", on 17th June, 2020.

FDPs/Workshops/Webinars Attended

SNo	FDP/Workshop/Webinar	Faculty Attended	Venue/Organization	Date(s)
1	Workshop on **Building Teacher Excellence Corps** in 7th International Conference on Transformations in Engineering Education	Mr. U.Appala Raju	Anurag Group of Institutions, Hyderabad, Telangana	5th January, 2020
2	One-week FDP on **IoT for Emerging Applications**	Mrs. S.Jyothirmaye, Mr. Ch.Sandeep	Electronics and ICT Academy, IIT Guwahati, Assam in association with CBIT, Hyderabad	4th to 8th February, 2020
3	Webinar on **VLSI Design using Xilinx Vivado**	Prof. O.V.P.R.Siva Kumar	CoreEL Technologies and Xilinx	6th April, 2020
4	Webinar on **Analog IC Design using Mentor EDA Tools**	Prof. O.V.P.R.Siva Kumar	CoreEL Technologies and Mentor	10th April, 2020
5	Online Faculty Development Program on **Cyber Attacks**	Mrs. S.Yagnasree	CMR Technical Campus in association with Indian Servers, Hyd	19th April, 2020
6	Online Training Program on **Android App Development for Embedded System**	Mrs. M.Laxmi Mrs. B.Sreelatha,	Texas Instruments University Program in association with EdGate Technologies Pvt. Ltd. Bangalore.	25th and 26th April, 2020
7	Online Faculty Development Program on **Internet of Things (IoT)**	Mrs. S.Yagnasree	AICTE Training and Learning Academy (ATAL) at IIT, Nagpur	25th to 29th April, 2020
8	25 total hours online course on **Python for Data Science and Machine Learning Bootcamp**	Mrs. Y.Nagalakshmi	Udemy	30th April, 2020
9	Five day online Faculty Development Program (FDP) on **Linux**	Mr.P.Naresh Kumar, Mr. R.V.N.R. Suneel Krishna, Mr. Ch.Suresh Kumar	Pramukh Swami Science & H D Patel Arts College, Kadi (Gujarat) in association with Spoken Tutorial, IIT Bombay	1st to 5th May, 2020
10	Five days online webinar on **Knowledge Sharing Session on Recent Trends and its Application in Electronics**	Mr. R.Odaiah	St. Martin's Engineering College, Hyderabad, Telangana	3rd to 7th May, 2020
11	One week Online Faculty Development Programme (FDP) on **Recent Trends in Advanced Communications**	Mr. B. Ramu, Mr. U.Appla Raju	Lakkireddy Bali Reddy College of Engineering, Mylavaram, Andhra Pradesh	4th to 9th May, 2020.
12	One week online Faculty Development Program on **Research challenges and opportunities post COVID-19**	Dr. S.Saritha	Sri Vasavi Engineering College, Nadamuru, Andhra Pradesh	4th to 9th May,2020
13	Five day online **FDP** on **Women in STEM**	Dr. S.Saritha	IEEE AcSIR-CSIO Student branch, Chandigarh, Harayana	6th to 10th May, 2020

14	Five day **FDP** on **IPR Awareness and Patent Prosecution**	Mr. R.Odaiah,	CMR Engineering College, Hyderabad, Telangana	6th to 10th May, 2020
15	Webinar on "**Light weight protocols in Internet of Things**	Mr. M.Anand, Mrs. A.R.L.Padmaja	Sri Ranganathar Institute of Engineering and Technology, Athipalayam, Coimbatore	7th May, 2020
16	Webinar on **Artificial Intelligence with Deep Learning**	Mr. R. Odaiah	Mahendra College of Engineering, Salem, Chennai Highway	8th May, 2020
17	Online **NAAC Awareness Programme for Faculty**	Mr. U.Appala Raju	Marathwada Mitra Mandal Institute of Technology (MMIT), Lohgaon, Pune	8th to 14th May, 2020.
18	Two Days Skill Development Program on **MATLAB**	Mrs. A.Sowjanya	Apply Volt	9th and 10th May, 2020
19	Five Day **Machine Learning** Faculty Development Program	Mrs. V.Sirisha, Mrs. S.Jyothirmaye	Data Teach Labs	11th to 15th May, 2020
20	One week FDP on **Recent Trends and Innovations on Digital Image and Video Processing**	Mrs. Y.Nagalakshmi	Centre for Signal and Image Processing in association with CMR Technical Campus, Hyd	11th to 15th May, 2020
21	Five days online certification program on **AI**	Mr. M.Anand	Apply Volt	11th to 15th May,2020
22	Five days online certification program on **AI**	Mrs. A.R.L.Padmaja	Agimus Technologies	11th to 15th May,2020
23	One week Faculty Development Program on **Advanced Antenna Design Using HFSS**	Mrs. A.Sowjanya, Mr. P.Naresh Kumar, Mr. R.V.N.R.Suneel Krishna, Mr. Ch.Suresh Kumar	Santhiram Engineering College, Nandyal in collaboration with Vardhaman College of Engineering	12th to 17th May, 2020
24	Webinar on **Next Generation AI technologies for Cyber Physical Systems**	Mr. M.Anand, Mr. U.Appala Raju, Mrs. A.R.L.Padmaja	St.Peter's Engineering College, Hyderabad, Telangana	13th May, 2020
25	Webinar on **Estimation and Detection Theory Through MATLAB**	Mr. A.Shanker, Mr. M.Anand, Mrs. A.R.L.Padmaja	Vaagdevi Engineering College, Warangal	15th May, 2020
26	11.5 hours online course on **IoT#4: IoT (Internet of Things) Automation with Raspberry Pi**	Mrs. A.R.L.Padmaja, Mr. M.Anand	Udemy	15th May, 2020
27	Training on **Python 3.4.3**	Dr. S.Spandana, Mr. U.Appala Raju, Mrs. M.Uma Rani, Mrs. S.Jyothirmaye, Mr. M.Anand, Mr. M.Krishna, Mrs. S.Yagnasree, Mr. P. Chandra Prakash Reddy	Offered by Spoken Tutorial Project, IIT Bombay, organized at Guru Nanak Institute of Technology funded by National Mission on Education through ICT, MHRD	15th May, 2020
28	Webinar on **How to publish in WoS and SCOPUS Journals**	Mrs. B.Mamatha	Vignan Bharathi Institute of Technology, Hyderabad, Telangana	17th May 2020

29	National level webinar on **Guidance for UGC NET/ SET General Paper 1**	Mrs. M.Uma Rani	Indira Priyadarshini govt degree college for women jointly with Maharastra College of Arts, Science and Commerce	18th May, 2020
30	One week online FDP on **Nanomaterials for Energy Harvesting and Biomedical Applications**	Dr. S.Saritha, Mrs. S Krishna Priya	Godavari Institute of Engineering and Technology, Rajamahendravaram, Andhra Pradesh	18th to 20th May, 2020
31	Three Day FDP webinar titled **HADOOP and Machine Learning**	Mr. M.Anand, Mr. P.Chandra Prakash Reddy, Mrs. A.R.L.Padmaja	Malla Reddy Institute of Technology, Hyderabad, Telangana	18th to 20th May, 2020
32	Online Faculty Development Program on **Cyber Security**	Mr. M.Anand	AICTE Training and Learning Academy (ATAL) at National Institute of Technology, Warangal	18th to 22nd May, 2020
33	Online FDP on **Role of IoT, Embedded, Electric Vehicle and Power Electronic Converter for Smart World**	Mrs. G.Sreelakshmi	St.Joseph's College of Engineering, Chennai in association with IEEE student branch	18th to 22nd May, 2020
34	One week online FDP on **Automation for enabling industry 4.0**	Dr. S.Saritha	IEEE AcSIR-CSIO Student branch, Chandigarh, Harayana	18th to 22nd May, 2020
35	Faculty Development Programme on **PHP and MySQL**	Mr. Ch.Suresh Kumar, Mr. P.Naresh Kumar, Mr. R.V.N.R Suneel Krishna	JNTUH College of Engineering, Jagital in association with Spoken Tutorial, IIT-Bombay	18th to 23rd May 2020
36	One week Online FDP on **Teachning, Learning and Assessment Strategies**	Mrs. S.Jyothirmaye	IEEE Education Society Chapter of IEEE, Hyderabad Section	18th to 23rd May 2020
37	A Five Days Online Faculty Development Programme on **Recent Communication Tools and its Application**	Mrs. M.Sowjanya, Mr. M.Anand, Mrs B Mamatha, Mrs. A.R.L.Padmaja, Mrs. S.Yagnasree, Mr. P.Chandra Prakash Reddy	St. Martin's Engineering College, Hyderabad, Telangana	19th to 23rd May, 2020
38	Webinar on **Future of AI**	Dr. S.Saritha, Mrs. S.Krishna Priya, Mr. M.Anand, Mrs. A.R.L.Padmaja	IETE Mumbai in association with PANTECH	20th May, 2020
39	Webinar on **Present & Future Trends in IoT**	Dr. S.Saritha, Mrs. S.Krishna Priya	SCET, Narasapur, Andhra Pradesh	20th May, 2020
40	Webinar on **Engineering and Technology Trends in Nation Building**	Mr. M.Krishna	Chalapathi Institute of Engineering and Technology, Guntur, Andhra Pradesh	20th May, 2020
41	Webinar on **Functional Verification using Cadence Incisive tool**	Mrs. B.Mamatha	Entuple Technologies	20th May, 2020

42	One week National Faculty Development Program on **Aurdino**	Mrs. B.Suneetha, Mrs. B.Sreelatha, Mr. U.Appala Raju, Mrs. M.Laxmi, Mrs. Y.Nagalakshmi, Mrs. M.Uma Rani, Mrs. M.Sowjanya, Mrs. A.R.L.Padmaja, Mr. P.Chandra Prakash Reddy	Prakasam Engineering college, Kandakur in association with Spoken Tutorial Project, IIT Bombay, funded by National Mission of Educational through ICT, MHRD	20th to 25th May, 2020
43	One week Online Faculty Development Program on **Speech Processing Applications and challenges**	Dr. P.Vijai Bhaskar	Santhiram Engineering College, Nandyal in collaboration with International Institute of Information Technology, Hyderabad, Telangana	20th to 25th May, 2020
44	Webinar on **Study of Antenna design and Analysis of simulated results**	Mrs. A.Sowjanya	National College of Engineering, Maruthakulam, Tirunelveli, Tamil Nadu and µ Maker, Trichy	21st May, 2020
45	Webinar on **Tips for aspiring electronic engineers/ embedded software developer**	Mrs. S Krishna Priya, Mr. M.Krishna	Sri Ramakrishna Institute of Technology, Coimbatore in association with IEEE Student Branch	22nd May, 2020
46	Five Day National Level Faculty Development Programme on **Artificial Intelligence**	Dr. S.Saritha, Mrs. S.Krishna Priya, Mr. R.Odaiah, Mr. M.Anand	CMR Engineering College in collaboration with NYCI and Brainovision Solutions, India, Pvt. Ltd.	22nd to 26th May, 2020
47	Five Day National Level Faculty Development Programme on **Artificial Intelligence**	Mr.P.Naresh Kumar, Mr. R.V.N.R.Suneel Krishna, Mr. Ch.Suresh Kumar	Tirumala Engineering College in collaboration with NYCI and Brainovision Solutions, India	22nd to 26th May, 2020
48	One day virtual Faculty Development Programme on **Robotic Process Automation and its allied Machine Learning Techniques**	Dr. S.Suryanarayana, Mrs. A.R.L.Padmaja, Mrs. G.Sreelakshmi, Mr. M.Anand	VELS Institute of Science and Technology and Advanced Studies, Pallavaram, Chennai in association with Electroniklab India Pvt Ltd	23rd May, 2020
49	Three days Technical Webinar on **Arduino Programming and Internet of Things**	Dr. P.Vijai Bhaskar	DKTE's Textile and Engineering Institute, Rajwada, Ichalkranji	25th to 27th May, 2020
50	Three days FDP on **VLSI Technology and Hardware for AI and ML**	Dr. S.Vallisree	GMR Institute of Technology, Rajam, Andhra Pradesh	25th to 27th May, 2020
51	One week Online FDP on **Recent Trends, Advancements & Applications of Communication Technologies**	Mr. R.Odaiah	Research Centre for Advanced Communication Systems (RCACS), CMR Technical Campus	25th to 29th May, 2020

52	One week Online Faculty Development Program on **Opportunities and Challenges in Electronics and Allied Industries in India post COVID-19**	Mrs. Y.Nagalakshmi	Institution's Innovation Council (IIC) of Vivekanand Education Society's Institute of Technology, Mumbai.	25th to 30th May, 2020
53	One week National level FDP and online training on **SCILAB - An Open Source Substitute for MATLAB**	Mrs. Y.Nagalakshmi, Mr. N.Naresh Kumar, Mr. Ch.Suresh Kumar, Mr. R.V.N.R.Suneel Krishna	JNTUH College of Engineering, Sultanpur, Sangareddy and Spoken Tutorial Project IIT Bombay	25th to 30th May, 2020
54	Two week FDP on **Matlab Tools and their Applications in Engineering**	Mrs. S.Jyothirmaye	Data Teach Labs	25th May to 7th June, 2020
55	3 hours of online course on **Design PCB using Eagle Cadsoft step by step**	Mrs. J.Mrudula	Udemy	26th May, 2020
56	Webinar on **Reconfigurable Antennas**	Mr. R.Odaiah	Narasaraopeta Engineering College, Narasaraopet.	26th May, 2020
57	One week online Faculty Development Program on **Signal Image and Video Processing A Practical Approach**	Mr. R.Odaiah, Mr. M.Anand	Government Collee of Engineering, Karad, Maharashtra under Technical Education Quality Improvement Program (TEQIP-III)	26th to 30th May, 2020
58	FDP on **Advancement in Technologies – A Research Perspective**	Mrs. B.Suneetha	Anurag University, Hyderabad, Telangana	26th to 30th May, 2020
59	Webinar on **Touching Sky Without Fear (UAV – Unmanned Aerial Vehicle)**	Mr. P.Chandra Prakash Reddy	Potti Sriramulu Chalavadi Mallikarjuna College of Engineering & Technology in association with IEEE Vizag Bay Section and Institution's Innovation Council (MHRD)	27th May, 2020
60	Webinar on **Impact of COVID-19 Pandemic on Indian Education System**	Mrs. B.Mamatha	Bajaj College of Management and Technology, Gadarpur	27th May, 2020
61	Two days webinar on **Image Processing and Computer Vision – Industrial Scope**	Dr. S.Saritha, Mrs. S.Krishna Priya, Mr. R.Odaiah, Mrs. B.Sreelatha	Chalapathi Institute of Technology, Guntur, Andhra Pradesh.	27th and 28th May, 2020
62	Three days online Faculty Development Program on **Internet of Things (IoT)**	Dr. P.Vijai Bhaskar	Lendi Institute of Engineering and Technology, Vizianagaram, Andhra Pradesh	27th to 29th May, 2020
63	Webinar on **5G Technology and it's Applications**	Mr. U.Appala Raju, Mrs. V.S.Padmapriya, Mrs. M.Krishna, Mrs. M.Sowjanya, Mrs. V.Sirisha, Mr. M.Anand	Sri Vasavi Institute of Engineering and Technology, Nadamuru, Andhra Pradesh	28th May, 2020

64	3-Day Online FDP on **CMOS Analog Integrated Circuits**	Mrs. Y.Nagalakshmi, Mr. M.Anand	SVR Engineering College, Nandyal, Andhra Pradesh.	28th to 30th May, 2020
65	Three day Faculty Development Program on **VLSI IC Design Flow**	Mrs. M.Uma Rani, Dr. S.Vallisree	Anurag University in association with IEI and Entuple Technologies	28th to 30th May, 2020
66	One week Faculty Development Program on **Embedded C Programming for c51**	Mr. M.Anand, Mrs. S. Jyothirmaye	JP College of Arts and Science, Ayikudy, Tamil Nadu	28th May to 3rd June, 2020
67	Three Day National Level Online Faculty Development Program on **Research Trends in Signal Processing, Antennae, VLSI & IoT**	Mr. R.Odaiah, Mr. M.Anand	Sri Vasavi Engineering College, Tadepallygudem, Andhra Pradesh	28th to 30th May, 2020
68	Faculty Development Program on **Multi Carrier Modulation in Broadband Communication and Technology Challenges In 5G**	Mr. D.Venkata Rami Reddy, Dr. B.Leelaram Prakash	Raghu Engineering College, Visakhapatnam, Andhra Pradesh	29th and 30th May, 2020
69	Webinar on **Applications of 5G Technology in IoT**	Mr. R.Odaiah	Chalapathi Institute of Technology, Guntur, Andhra Pradesh.	30th May 2020
70	Webinar on **Role of Electronics in Analytical Instrumentation**	Mrs. B.Sreelatha, Mrs. M.Laxmi, Mrs. A.R.L.Padmaja, Mrs. M.Sowjanya	Adikavi Nannaya University, Rajamahendravaram, Andhra Pradesh.	30th May 2020
71	Webinar on **Comparision of Classical Machine Learning and Deep Learning**	Mr. R.Odaiah	Narasaraopeta Engineering College, Narasaraopet	1st June, 2020
72	One Week FDP on **Problem Based Learning**	Dr. S.Saritha, Mrs. S.Krishna Priya, Mrs. B.Sreelatha Mr. P.Naresh Kumar, Mr. Ch.Suresh Kumar, Mr.R.V.N.R.Suneel Krishna	JSPM's Rajarshi Shahu College of Engineering, Thathawade, Pune	1st to 5th June, 2020
73	1Professional Development hours on **Smart Battery Energy Management and Health Conscious Fast Charging for Future Transport**	Mr. M.Anand	PHD, IEEE Continuing Education	2nd June, 2020
74	Webinar on **Adaptive Signal Processing and Its Applications**	Mr. R.Odaiah	Narayana Engineering College, Gudur, Andhra Pradesh	3rd June, 2020
75	11.5 hours online course on **IoT#4: IoT (Internet of Things) Automation with Rasberry Pi**	Mr. M.Anand	Udemy	3rd June, 2020
76	One day webinar on **System Verilog for TB and DUT**	Dr. S.Vallisree	G. Narayanamma Institute of Technology and Science in association with IETE, Hyderabad, Telangana	3rd June, 2020

77	Three day online Faculty development Program on **Cyber Security**	Mr. R.Odaiah, Mrs. S.Jyothirmaye	Anurag University in association with ISTE and Indian Servers, Hyd	3rd to 5th June, 2020
78	5 hours online course on **VSD-Physical Design Flow**	Mrs. J.Mrudula	Udemy	4th June, 2020
79	Webinar on **Communicate with Confidence**	Mr. R.Odaiah	Chalapathi Institute of Technology, Guntur, Andhra Pradesh	4th June, 2020
80	One week National Faculty Development Program and Online Training on **SCI Lab**	Mrs. B.Sreelatha, Mrs. M.Laxmi	Prakasam Engineering college, Kandakur in association with Spoken Tutorial Project, IIT Bombay, funded by National Mission of Educational through ICT, MHRD	4th to 10th June, 2020
81	Two day webinar on **The Music of Signal Processing**	Mr. R.Odaiah	Internal Quality Assurance (IQAC) Cell, Chalapathi Institute of Technology, Guntur, Andhra Pradesh.	5th to 6th June, 2020
82	National Level Online FDP on **Recent Trends in Communications and Wireless Networks**	Mrs. A.Sowjanya	KKR and KSR Institute of Technology and Science, Guntur, Andhra Pradesh	5th to 9th June, 2020
83	1 hour online course on **High Speed Serial Links**	Mrs. J.Mrudula	Udemy	6th June, 2020
84	Webinar on **We are Stronger Together**	Mrs. G.Sreelakshmi	Bharati Vidyapeeth's Institute of Computer Applications and Management	6th June, 2020
85	Webinar on **Tools for making your Thesis Complete**	Mr. U.Appala Raju, Mrs. G.Sreelakshmi	Usha Rama College of Engineering and Technology, Telaprolu, Andhra Pradesh	7th June, 2020
86	One day Faculty Development Program on **Digital Image Processing**	Mr. M.Anand	Vignan's Institute of Management and Technologyfor Women	8th June, 2020
87	Two days webinar on **EM Simulation of RF module and Antennas using CST Studio suit**	Mr. R.Odaiah	Delhi Technical University, New Delhi	8th and 9th June, 2020
88	Three day International Online Faculty Development Program on **Technologies for Health Care**	Mr. R.Odaiah	GMR Institute of Technology, Rajam, Andhra Pradesh	8th to 10th June, 2020
89	Webinar on **Antenna Design Recent Trends and Applications**	Mrs. A. Sowjanya	Government Arts College, Kulithalai, Tamil Nadu	10th June, 2020
90	Webinar on **Design of Microstrip patch Antenna**	Mr.P.Naresh Kumar, Mr. R.V.N.R.Suneel Krishna, Mr. Ch.Suresh Kumar	SV College Engineering and Technology, Tirupati, Andhra Pradesh	11th June, 2020

91	Webinar on **RF Domain using ANSYS HFSS**	Mrs. A. Sowjanya, Mrs. J.Mrudula	Amrita College of Engineering and Technology	12th June, 2020
92	Four week Online Training on **Verilog HDL**	Dr. S.Vallisree	Lucid VLSI, Hyderabad	June, 2020
93	Webinar on **Fundamentals of Machine Learning and Artificial Neural Networks**	Mrs. A. Sowjanya	SVR Engineering College, Nandhyal, Andhra Pradesh	16th June, 2020
94	6.5 hours of online course on **VSD- Signal Integrity**	Mrs. J.Mrudula	Udemy	17th June, 2020
95	Webinar on **Launching a Nanosatellite**	Mr. R.Odaiah	GMR Institute of Technology, Rajam, Andhra Pradesh	18th June, 2020
96	Webinar on **What is Research? Tips for conducting Research**	Mr. R.Odaiah	Internal Quality Assurance (IQAC) Cell and Research and Development (R&D) Cell , CIT, Guntur, Andhra Pradesh	18th June, 2020
97	Five day FDP on **Recent Trends in Image Processing**	Dr. S.Saritha Mrs. S.Krishna Priya	Gates Institute of Technology, Ananthpur, Andhra Pradesh	15th to 19th June, 2020
98	Six day FDP on **Tranformation of 5G and Wi-Fi 6 Disruptive Technologies in Electronics and Communications**	Mr. R.Odaiah	Vidya Jyothi Institute of Technology, Hyderabad, Telangana	22nd to 27th June, 2020
99	Webinar on **On Board Satellite and Ground Station Performance and Evaluation**	Mrs. A.Sowjanya	Saveetha Engineering College, Chennai, Tamil Nadu	23rd June, 2020
100	National level FDP on **Artificial Intelligence and Internet of Things**	Mr. M.Anand, Mrs. A.R.L.Padmaja	K.L.E.Society's College of Computer Application, RLSI Belagavi	23rd to 26th June, 2020
101	Webinar on **TinkerCAD for designing circuits using Arduino**	Dr. S.Saritha, Mrs. S.Krishna Priya, Mr. M.Krishna Chaitanya	SNS College of Technology Coimbatore, Tamilnadu	24thJune 2020
102	Six days Online Fsaculty Development Program on **Automation and Robotics**	Mrs. A.Sowjanya, Mr. P.Naresh Kumar, Mr. Ch.Suresh Kumar, Mr.R.V.N.R.Suneel Krishna	Malla Reddy College of Engineering, Hyderabad, Telangana	24th to 30th June, 2020
103	Webinar on **CHATBOTS**	Mrs. S.Jyothirmaye	Aurora's Scientific, Technological and Research Academy, Hyd	25th June, 2020
104	Webinar on **Tranformation of 5G and Wi-Fi 6**	Mr. R.Odaiah	Loyola Institute of Technology, Palanchur, Chennai	25th June, 2020
105	One week online FDP on **Machine Learning with Tensorflow 2.x**	Dr. S.Saritha, Mrs. S.Krishna Priya, Mr. M.Krishna Chaitanya	Kalasalingam Academy of Research and Education, Tamilnadu	25th June to 1st July 2020
106	Webinar on **Managing References in A Research Article using Mendeley**	Mrs. A.Sowjanya	Vishnu Institute of Technology, Bheemavaram, Andhra Pradesh	26th June, 2020
107	Webinar on **Deep Learning for Automatic Speech Recognition**	Dr. P.Vijai Bhaskar	AISSMS Institute of Information Technology, Pune	26th June, 2020

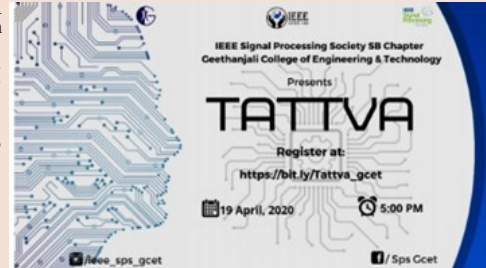| 108	Webinar on **Block Level Design using IP Integrator in Xilinx Vivado**	Mrs. M.Laxmi	Core EL Technologies and Xilinx	26th June, 2020
109	National level FDP on **Numerical Methods: Theory to Practice**	Mr. R.Odaiah	RISE Krishna Sai Prakasam Group of Institutions, Ongole, Andhra Pradesh	26th to 28th June, 2020
110	One week lecture series on **Recent Trends on RF and its Applications**	Mr. R.Odaiah, Mrs. A.Sowjanya	IEEE Antennas & Propagation Society (APS) Chapter—Jaipur and IEEE Rajasthan Subsection in association with Malaviya National Institute of Technology, Jaipur and Govt. Women Engineering College, Ajmer	26th to 30th June, 2020
111	Webinar on **Antenna Design through Simulation using TaraNG:19:1**	Mrs. A.Sowjanya	Mahendra Engineering College, Pune	29th June, 2020
112	Series of seven webinars on **Bharateeya Chaitanyam**	Dr. S.Saritha, Mrs. S.Krishna Priya, Mr. M.Krishna Chaitanya Mrs. B.Mamatha	CBIT, Hyderabad	29th June to 5th July 2020
113	Webinar on **Trends in Automotive Electronics**	Mr. R.Odaiah, Mrs. M.Laxmi	Ekalavya Group of Institutions, Tirupati, Andhra Pradesh	30th June, 2020

Activities of IEEE

- IEEE CAS SB-GCET organized a two-day workshop on **"Internet of Things using Arduino and Raspberry Pi"** on 7th and 8th February, 2020 by Mr.Mohd Muneeruddin, Senior Assistant Professor from Muffakham Jah College of Engineering and Technology. Target students were B.Tech I, II and III Year IEEE Members. 18 IEEE students attended this workshop.

- A Guest Lecture on **"5G Eco Systems"** by Mr. Vara Prasad Karamchedu, Director of Technical Solutions & Business Development, Award Solutions INC, was arranged to III year students in collaboration with IEEE-SB, GCET on 12th February, 2020. 150 students participated in this lecture.

- **IEEE Signal Processing Society Student Branch Chapter** at GCET was formed on 2nd March, 2020 and Dr. P.Sudhakar was appointed as IEEE SPS-SB Advisor.
- Ms. Aleshia Avinash of IV year is nominated as Section Student Representative of all Student Branch Women in Engineering Affinity Groups (WIE AGs) under Hyderabad section for the year 2020.
- **All Hyderabad Section Women in Engineering Section Student Congress** (AHWIESC) conducted a mega three day event which is first of its kind in the history of IEEE Hyderabad Section was conducted with an amalgamation of both technical and networking was held from 6th to 8th March, 2020, at Geethanjali College of Engineering and Technology, Hyderabad with the theme **"Innovate for Change"** under the guidance of **Mr. D.Venkata Rami Reddy**, IEEE Member GCET and **Mrs. SJyothirmaye**, IEEE-SB Counselor Hyderabad Section.
- IEEE SPS-SB organized online quiz competition **"TATTVA"** on Signal Modulation Techniques on 19th April, 2020. A total of 84 student from 36 engineering colleges (35 across India and one from Bangladesh). This quiz was conducted to II Year and III year students involving 7 IEEE Sections.

- Mr. Ch Sandeep, Assistant Professor and Mrs. S Jyothirmaye, Associate Professor acted as resource persons in AHWIESC "**NodeMCU for IOT with hands-on**" organized by WIE (AG) **IEEE Hyderabad Section** held in GCET on 5th to 7th March, 2020.
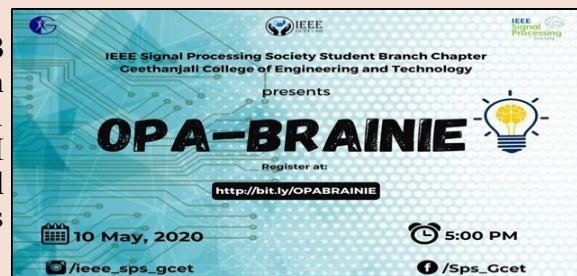
- IEEE CAS SB-GCET organized "**SATVARA-THINK QUICK**" an online Quiz competition for II year and III year students. There were a total of 112 participants from various engineering colleges.
- IEEE CAS SB-GCET organized a Peer Learning webinar, on 3rd May, 2020 on **"How to choose your final year project?"** for the students of III year and II year by the students of IV year. The speakers were Mr. V.Vishwa Prakash Chary, Ms. K.Greeshma, Mr. S.Vishnu Teja, and Mr. Yeshwanth. Total number of participants were 60.
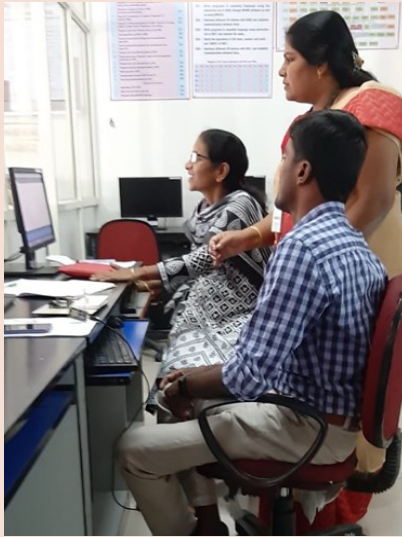- IEEE SPS SB GCET organized an online quiz competition **"OPA - BRAINIE"** on Linear Integrated Circuits and its applications for II year and III year students on 10th May, 2020. A total of 132 students from 28 engineering colleges (including one from Bangladesh) have participated.

Events under Center of Excellence- IoT and Embedded Systems

♦ A Student Development Program on **Arduino Programming and Node MCU for IoT** was conducted for four weeks from 7th January, 2020. The resource person were Mr. Ch.Sandeep, Mr. M.Anand and Mr. P.Chandra Prakash

Reddy from the Depatment of ECE, GCET. 100 students were trained in this program.

♦ An internal Faculty Development Program was organized on **Node MCU on IoT Applications** on 14th February, 2020 with hands – on session. The resource persons were Mrs. S.Jyothirmaye, Associate Professor and Mr. Ch.Sandeep, Assistant Professor of ECE Department. Nine faculty members attended this program.

Events under Center of Excellence- VLSI

♦ A three-day training session on **"Advanced Digital Design using Verilog HDL"** was conducted from 24th -26th February, 2020 by Mr.Raja Bandi, Lucid VLSI. This was intended to train the students for mini projects. 22 students attended this session.

♦ A guest lecture in collaboration with IEEE

CAS SB, GCET was organized to II B.Tech students on 15th February, 2020 by Dr. K. Vijay Kumar Gupta, CEO, LED Chip Indus Private Limited on the topic **"LED Chip Design, Fabrication and Applications".** 150 students attended this lecture.

♦ A guest lecture in collaboration with IEEE CAS SB, GCET was organized to III B.Tech students on 15th February, 2020 by Mr. Avinash Yadlapati, Senior Director, Mirafra Technologies India Pvt. Ltd. on the topic **"CMOS Testing Methods".** A total of 150 students attended this

lecture.

♦ A two-week Student Development Program (SDP) in collaboration with IEEE CAS SB, GCET on **"VLSI Design using Verilog HDL"** was organized to II B.Tech students from 27th April to 13th May, 2020 by faculty of CoE in VLSI Design, Mrs. G.Sreelakshmi, Dr. S. Vallisree and Mrs. B.Mamatha under the guidance of Prof. O.V.P.R.Siva Kumar. 76 students attended this SDP and 27 batches successfully completed their execution of mini projects.

Updates of Project Based Learning

As part of Innovative teaching and learning methodology, the Department of ECE has proposed **Project Based Learning** in the following courses in association with Vishwanikethan, Mumbai.
Analog Communications Lab for II year II Semester, Linear Integrated Circuits Lab for II year II Semester, Simulation Lab for II year II Semester, Switching Theory and Logic Design Lab for III year II Semester, Digital Signal Processing Lab for III year II Semester, VLSI Lab for III year II Semester. On 4th and 5th March, 2020, the associated faculty presented their PBL models about course level PBL to the faculty of Vishwanikethan. Dr. Santhosh Nemade, and Prof. Wagh Sharad Shesh Rao, faculty members from Department of E&TC of Vishwanikethan attended the session. Dr. P.Srihari, Dr. S.Spandana, Dr.S.Saritha, Prof. O.V.P.R.Siva Kumar, Mr. A.Subramanyam, Mr. P.Naresh Kumar, Mrs. M.Laxmi, Mr. Ch.Sandeep faculty from Department of ECE presented their PBL models about course level PBL to the faculty of Vishwanikethan on the above labs. IIyear

Skill Test/Online Quiz

SNo	Name of the Faculty	Conducting Organization	Test/Quiz Name	Date
1	Mr. U.Appala Raju	Bharati Vidyapeeth College Of Engineering, Navi Mumbai	Online Quiz on **Faculty Program on NBA**	14th May, 2020
2	Mr. B.Ramu	A.V.C College of Engineering, Anna University, Chennai	Online Quiz on **HTML**	15th May, 2020
3	Dr. S.Saritha, Mrs. S.Krishna Priya, Mrs. A.Sowjanya, Mrs. B.Sreelatha, Mrs. V.Sirisha, Mr. P.Naresh Kumar, Mr. R.V.N.R.Suneel Krishna, Mr. Ch.Suresh Kumar, Mr. M.Krishna, Mr. M.Anand, Mr. B.Ramu, Mr. Y.Sivaramakrishna, Mrs. A.R.L.Padmaja	Raghu Engineering College, Vishakapatanam, Andhra Pradesh	Two Days Skill Development Program on **MATLAB**	15th and 17th May, 2020
4	Dr. S.Saritha, Mrs. S.Krishna Priya, Mrs. B.Mamatha Mr. B.Ramu, Mrs. B.Sreelatha, Mrs.M.Sowjanya, Mrs. Y.Nagalakshmi, Mrs. A.Sowjanya, Mrs. M.Umarani, Mr. U.Appala Raju, Mrs.M.Laxmi	Malla Reddy Institute of Technology (MRIT), Hyderabad, Telangana	Quiz on **Rules of lockdown During COVID-19**	16th May, 2020
5	Mr. U.Appala Raju	University College of Engineering Vizianagaram, JNTU, Kakinada	Online Quiz on **Social Awareness on COVID-19**	____
6	Dr. S.Suryanarayana	Bharati Vidyapeeth College Of Engineering, Navi Mumbai	Online Quiz on **Faculty Program on NBA**	18th May, 2020
7	Mr. P.Chandra Prakash Reddy	Office of Dean (Research), Crescent Institute of Science and Technology, Chennai, Tamil Nadu	Online Quiz Competition on **Test your Knowledge on Plagiarism**	18th May, 2020
8	S.Jyothirmaye	Narasaraopeta Engineering College, Narasaraopeta, Andhra Pradesh	Technical Quiz on **MATLAB**	20th May, 2020
9	Dr. S.Saritha	Satya Institute of Management Studies, Krishna District, Andhra Pradesh	Online Quiz on **Management and Economics**	20th May, 2020
10	Mrs. B.Suneetha	MIT Arts, Commerce and Science College, Alandi, Pune	Online Quiz on **Teaching and Research Aptitude of NET/SET**	23rd May, 2020

11	Mrs. A.R.L.Padmaja	PG and Research Department of Commerce, Vivekananda college of Arts and Science for Women, Tiruchengode, Tamil Nadu	Online **Covid-19** awareness quiz	____
12	Mr. U.Appala Raju	MLR Institute of Technology, Hyderabad, Telangana	Online Quiz on **Research Metrics in Scientific Publications**	27th May, 2020
13	Dr. S.Suryanarayana	Padmabhushan Vasantdada Patil Pratishthan's College of Engineering, Mumbai	National Level Quiz on **NAAC**	27th May, 2020
14	Mrs. S.Yagnasree	Indian Servers	Online National Level Quiz on **Python Programming**	27th May, 2020
15	Dr. S.Vallisree, Dr. S.Saritha, Mrs. S.Krishna Priya, Mr. M.Krishna Chaitanya	Vignan's Institute of Management and Technology for Women, Hyderabad, Telangana	Online Quiz on **LICA-Linear Integrated Circuits and Applications**	28th May, 2020
16	Prof. O.V.P.R.Siva Kumar Dr. S.Saritha, Mrs. A.Sowjanya, Mr. Naresh Kumar, Mr. Ch.Suresh Kumar, Mr. R.V.N.R.Suneel Krishna	Vishwanikethan's Institute of Management Entrepreneurship and Engineering Technology, Khalapur, Maharashtra	National Level Quiz on **Problem Based Learning**	29th May, 2020
17	Dr. S.Saritha, Mrs. S.Krishna Priya, Mr. P.Naresh Kumar Mr. Ch.Suresh Kumar, Mr. R.V.N.R.Suneel Krishna Mrs. V.Sirisha, Mrs. A.Sowjanya, Mrs. S.Jyothirmaye	Holy Mary Institute of Technology and Science, Hyderabad , Telangana	Online Quiz on **Fundamentals of Computer Networks**.	29th May, 2020
18	Mrs. S.Yagnasree	Institutions Innovation Council of Vardhaman College of Engineering, Hyd	Quiz on **Design Thinking**	_____
19	Mr. P.Naresh Kumar, Mr. R.V.N.R.Suneel Krishna, Mr. Ch.Suresh Kumar Mrs. A.Sowjanya, Mrs. S.Jyothirmaye	Holy Mary Institute of Technology and Science, Hyderabad, Telangana	Online Quiz on **Digital System Design with ASM Charts**	30th May, 2020
20	Mrs. A.Sowjanya , Mrs. V.Sirisha Mrs B Mamatha Mr. U.Appala Raju, Mrs. G.Sreelakshmi, Mr. M.Anand, Mrs. M.Laxmi, Mrs. A.R.L.Padmaja, Mrs. M.Uma Rani, Mrs.B.Sreelatha	Holy Mary Institute of Technology and Science, Hyderabad, Telangana	Online Quiz on **Basics of Microprocessors and Microcontrollers**	1st June, 2020
21	Dr. S.Saritha, Mrs. S.Krishna Priya,	Kamala institute of technology and science, Karimnagar, Telangana	Online Quiz on **Fundamentals of signal processing**	2nd June 2020

22	Dr. S.Saritha, Mrs. S.Krishna Priya, Mr. M.Krishna Chaitanya	RISE Krishna Sai Prakasam Group of Institutions, Ongole, Andhra Pradesh	Online Quiz on **Digital design, communication systems & signals**	2nd June 2020
23	Mrs. B.Suneetha	Raghu Institute of Technology, Vishakapatnam, Andhra Pradesh	E-quiz on **Communications**	4th June, 2020
24	Mrs B.Mamatha	G.Narayanamma Institute of Technology and Sciences, Hyderabad, Telangana	E-Quiz on Electronic Core Engineering Up skilling Test Series	5th June 2020
25	Mr. M.Anand, Mrs. V.Sirisha, Mr. M.Krishna	Terf's Academy College of Arts and Science, Koduvai, Tamil Nadu	Online Quiz on **NET/ SET Paper 1**	5th to 6th June , 2020
26	Mrs. M,Anand, Mr. M.Krishna	Department of BSc. Electronics and Communication, JP College of Arts and Science, Meerut	National Level Quiz on **Basic Electronics and Digital Logic Gates**	6th June, 2020
27	Mrs. A.Sowjanya	VKR, VNB & AGK College of Engineering, Eluru road, Gudivada, Andhra Pradesh	Online quiz on **Electronics and Communications Engineering**	6th June, 2020
28	Mrs. A.Sowjanya	Hertz Journal of Engineering	E-quiz on **Electronics**	10th June, 2020
29	Mrs. S.Jyothirmye	JP college of Arts and Science, Meerut	National level contest on **Arduino Board Findings**	15th June, 2020
30	Mrs. A.Sowjanya	Potti Sriramulu Chalavadi Mallikarjuna College of Engineering & Technology in association with IETE and Institution's Innovation Council (MHRD), Vijayawada, Andhra Pradesh	Technical quiz on **Analog Communications**	15th June, 2020
31	Mrs. S.Yagnasree	Kakatiya Institute of Technology and Science, Warangal	Online quiz on **Data Structures using C**	17th June, 2020
32	Mrs. S.Yagnasree	NRI Institute of Technology, Andhra Pradesh	National level Online quiz on **Microprocessor and its Applications**	17th June, 2020
33	Mrs. S.Jyothirmye	RISE Krishna Sai Prakasam Group of Institutions	E-quiz on **Analog Communications**	19th June, 2020
34	Mr. R.Odaiah	Guru Nanak Institutions Technical Campus, Hyderabad, Telangana	Online quiz on **A Proficiency Test in Communicative English**	21st June, 2020
35	Mrs. S.Jyothirmye	Holy Mary Institute of Technology and Science, Hyderabad, Telangana	Online quiz on **ARM Processors**	24th June, 2020
36	Mr. D.Venkata Rami Reddy	Vidya Jyothi Institute of Technology, Telangana	National level e-quiz on **Outcome Based Education**	27th June, 2020
37	Mr. R.Odaiah	RISE Krishna Sai Gandhi Group of Institutions, Ongole, Andhra pradesh	Online quiz on **Analog and Digital Communications**	29th June, 2020
38	Mrs.V.S.Padma Priya, Mrs. B.Sreelatha, Mrs. M.Laxmi	Anurag Engineering College, Hyderabad, Telangana	National level Technical Quiz on **Digital logic circuits**	29th June 2020

Students' Achievements

♦ Mr. Meka Aditya of II year D section has successfully completed **Nine** online non-credit courses authorized by IBM and offered through Coursera. **What is Data Science** on 20th November, 2019 ,**Open Source tools for Data Science** on 21st November, 2019, **Data Science Methodology** on 23rd November, 2019, **Applied Data Science Capstone** on 25th November, 2019, **Python for Data Science and AI** on 27th November, 2019, **Databases and SQL for Data Science** on 30th November, 2019, **Machine Learning with Python** on 23rd December, 2019, **Data Analysis with Python** on 23rd December, 2019, **Data Visualization with Python** on 23rd December, 2019.

♦ Ms. G.Suma and Mr. K.Vinay Kumar of ECE II D have achieved a certificate of training for successfully completing six weeks online training on **Machine learning** from 7th April , 2020 to 19th May, 2020 with a final assessment score 88% and 90% respectively.

♦ Ms. V.Sumana Sarvani of ECE II D has achieved a certificate of training for successfully completing six weeks online training on **Machine learning** from 7th April , 2020 to 19th May, 2020 with a final assessment score 90%.

♦ Ms. R. Keerthana of III year has achieved a certificate for her exemplary performance in "TATTVA" online quiz competition organized by **IEEE Signal Processing Society SB-GCET** held during 19th April, 2020.

♦ Ms. V.Sumana Sarvani has achieved certificate of Merit for winning **first** prize for **Poetry** in event of NEN E WEEK 2020 held from 2nd to 6th March, 2020.

♦ Mr. Chakilam Bhargav of II-year D section has successfully completed "**Chinese for Beginners",** on 13th May, 2020 an online non-credit course authorized by Peking University and offered through Coursera.

♦ Ms. Uthara Sudhir of II-year A section stood the winner of **Online singing competition** conducted stumagz.

♦ The students Mr. K.Raj Krithin, Mr. Chandrahaas, Ms. V. Sumana Sarvani, Mr. M.Adithya, Mr. T.Sai Kumar, Ms.Mahitha, Ms.M.Nandini, Ms. D.Yashaswini, Ms. J.Sneha, Ms. M.Kalyani, Ms. P.Neha Raj, Ms. Ch.Sai Nitheesha, Ms. P.Dharani, Ms. S.Sravani, Ms. Ruchitha, Mr. C.Bhargav, Ms. N.Spandana, Ms. N.Padmasree, Ms. Divya Sree, Ms. G.Suma, Mr. K.Vinay Kumar of ECE II-D have achieved certificate for successful completion of **"2 Days Skill Development Program on MATLAB",** organized by Department of Electronics and Communications Engineering, Raghu Engineering College held on 15th and 17th May, 2020.

NSS Activities

S.No	Date	Name of the Activity	Location	No of Student Volunteers	No of Faculty Volunteers
1	15th February, 2020	Blood Donation Camp under Lions Club Society	GCET Campus	38	3
2	29th February, 2020	Teaching in Primary Schools	Cheeryal, Karimguda, Thimayipally	56	6
3	7th March, 2020	Teaching in Primary Schools	Kundnapally, Godamakunta, Yadgarpally	52	6

Events Organized at College Level

Bhaswara 2020

The 14th National Level Technical and Management fest was held on 12th and 13th March 2020. Sri Madhusudhan Jhunjhunwala Founder at G.S.Business Services Pvt. Limited was the chief guest.

The department of ECE has organized seven events. The particulars of winners are indicted below.

S.No.	Date	Event	Co-ordinator	Prize	Student Name	Branch & Year
1.	13-03-2020	Project Exhibition	Dr. P.Srihari Mr. A.Subramanyam	I	M.Eshwar Hemanth	ECE IV
				II	Chinmay	EEE IV
				II	Rakesh	EEE IV
2.	13-03-2020	Poster Presentation	Dr. R.Suryanarayana Raju Mrs. B.Sreelatha	I	G.Hasya	ECE II
				II	Nihar	ECE IV
				II	Surya	ECE IV
3	12-03-2020	Paper Presentation	Dr. S.Suryanarayana Mrs. S.Krishna Priya	I	Srija	ECE II
				I	Vaishnavi	ECE II
				II	Vinay Kumar	ECE IV
				III	Sameer	ECE III
4	12-03-2020	TECH O' FREAK	Mrs. J.Mrudula Mrs. B.Suneetha	I	R.Keerthana	ECE III
				I	N.Daya Rakshak	ECE III
				II	V.Sri Vaishnavi	ECE III
				II	S.Bharathi	ECE III
5	12-03-2020	Soldering Soldiers	Mr. U.Appala Raju Mrs. B.Mamatha	I	B.DivyaT.Chandana	ECE III
				I	Sai Satvik	ECE III
				I	B. Praneetha	ECE III
				I	T.Chandana	ECE III
				II	A.Suryanarayana Goud	ECE III
				II	E.Naveen	ECE III
				II	Lavanya Chandana	CSE II
6	12-03-2020	Decoding Don	Dr. S.Saritha Mrs. S.Yagnasree	I	K.Kavitha	IT II (GRIET)
				I	A.Sai Krupa	CSE II
				I	Sowmya	CSE III
				II	K.Supraja Reddy	ECE II
				II	Bhanu Prakash	ECE II
				II	D.Bhavana Reddy	ECE II
7	12-03-2020	Hare and Hounds	Dr. P.Sudhakar Mrs. V.S.Padma Priya	I	B.Sai Teja	ECE III
				I	N.Sai Deepak	ECE III
				II	K.Rashmi Sri	ECE III
				II	B.Vaishnavi Devi	ECE III