VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

An Autonomous Institute, NAAC Accredited with 'A++' Grade
NBA Accredited CE, EEE, ME, ECE, CSE, EIE, IT -B.Tech Programs
Approved by AICTE, New Delhi, Affiliated to JNTUH
Recognized as "College with Potential for Excellence" by UGC

- Faculty Development Programme (FDP) on "Advanced Optimization Techniques and Hands-on with MATLAB/SCILAB" Jointly Organized by Electronics & ICT Academy, National Institute Of Technology Patna and Department of Electronics and Communication Engineering of VNR Vignana Jyothi Institute of Engineering & Technology, Hyderabad (Sponsored by MeitY HRD division, Ministry of ICT, Govt. of India) From 13th to 24th July 2020 at VNRVJIET. Dr.Y.Padma Sai-Prof & K.B.Archana-Sr.Asst.Prof acted as Proctor coordinators, Dr.L.V.Rajani Kumari and Mr. G. Vijaya Kumar as Lab Coordinators.

- Faculty Development Programme (FDP) on "Embedded UVM Open Source Emulation & Functional Verification" Jointly Organized by Electronics & ICT Academy, National Institute Of Technology Patna and Department of Electronics and Communication Engineering of VNR Vignana Jyothi Institute of Engineering & Technology, Hyderabad (Sponsored by MeitY HRD division, Ministry of ICT, Govt. of India) From 13th to 24th July 2020 at VNRVJIET. Total no.of participants are 108. The following ECE faculty members attended the FDP. N. Dhana Lakshmi-Assoc.Prof,,J.L.V.Ramana Kumari - Asst.Prof acted as Proctor coordinators, K.Swetha Reddy-Asst.Prof, K.Naresh-Asst.Prof as Lab Coordinators.

- Dr.L.V.Rajani Kumari-Asst.Prof has awarded the Ph.D. by JNTUH, Hyderabad for a thesis on "Detection & Classification of Arrhythmia Beats from ECG Signals" Under the Guidance of Dr.Y.Padma Sai and Dr.N.Balaji on 08-07-2020.

- Niharika of M-Tech VLSI batch (2017-2019) converted from intern to Full time employee @Synopsys, Hyderabad on 25-07-2020.

- Virtual Faculty Development Programme (FDP) on **"ICT Tools for Teaching, Learning Process and Institutes"** Jointly Organized by Electronics & ICT Academy, National Institute Of Technology Patna and Department of Electronics and Communication Engineering of VNR Vignana Jyothi Institute of Engineering & Technology, Hyderabad (Sponsored by MeitY HRD division, Ministry of ICT, Govt. of India) From 10th to 21st August 2020 L.Dharma Teja-Asst.Prof acted as Proctor coordinator.

- ECE department in association with Capricot Pvt Ltd organized a webinar on **"MATLAB Campus-Wide License VNR Vignana Jyothi Institute of Engineering & Technology- Re-Onboarding MATLAB Portal demonstration"** by Avik Neogi-Accoumt Manager, Deep Shikha-customer success specialist , Jamal & Ramana Anchuri – customer success engineer on 04-08-2020.

- Virtual Faculty Development Programme (FDP) on **"Demystifying 5G RF ASICs"** Jointly Organized by Electronics & ICT Academy, National Institute Of Technology Patna and Department of Electronics and Communication Engineering of VNR Vignana Jyothi Institute of Engineering & Technology, Hyderabad (Sponsored by MeitY HRD division, Ministry of ICT, Govt. of India) From 24th August to 4th September 2020. Dr.S.Rajendra Prasad-Prof. acted as Proctor coordinator.

K.Sarath Chandra-Asst.Prof. & Ch.Ganesh-Asst.Prof acted as Lab coordinators.
Total no. of participants: 52

- Faculty Development Programme (FDP) on "**Wireless Communication Technologies for IoT"** Jointly Organized by Electronics & ICT Academy, National Institute Of Technology Patna and Department of Electronics and Communication Engineering of VNR Vignana Jyothi Institute of Engineering & Technology, Hyderabad (Sponsored by MeitY HRD division, Ministry of ICT, Govt. of India) From 27th July to 7th August 2020 at VNRVJIET. Dr. D Santhosh Kumar acted as Proctor coordinator, Pradeep Kumar as Lab coordinator.
Total Participants: 60

- Dr.S. Rajendra Prasad has acted as resource person for FDP on "**Recent trends in Electronics and Communications for Teaching Learning and Research"** organized by Sridevi Women's Engineering College, Hyderabad from 28th July to 3rd August 2020.

- Dr.Y.Padma Sai-Prof submitted 4 nominations forms for IEEE Hyderabad section on 14-08-2020 & 15-08-2020.

1. IEEE Hyderabad Section Outstanding Branch Counsellor Award

2. IEEE Hyderabad Section Start up Award

3. IEEE Hyderabad Section Outstanding student Branch

4. IEEE Hyderabad Section Outstanding Chapter

- Salcit Technologies got selected for Digital Health Startup Grant from Bioincubator at C-CAMP. Bioincubator at C-CAMP, a G2C Incubation Centre under the Ministry of Electronics & IT, Govt of India's TIDE 2.0 Scheme, We got selected for the grant to get technology validation done by a certified agency. The maximum grant amount for the same is Rs7 Lakh.

- Dr.V.Krishna Sree-Assoc.Prof awarded the Ph.D. by JNTUH, Hyderabad for a thesis on

"Classification of Objects in static and moving foreground of images and their retrieval" Under the Guidance of Dr.P. Sudhakar Rao-Dean R&D and Prof. ECE, GNITS on 04-08-2020.

- K.Sangeetha-Asst.Prof got Ph.D admission in NIT AP on 10-08-2020.

- Mr.K.Kalyana Srinivas,Assistant Professor, ECE dept with his team(includes P.Anudeep & R.Sravanth Kumar) patent published and in the filing process from govt of India(Indian Patent Office) on Cloud Attenuation system. They got patent to the work on "cloud attenuation system and method to provide cloud attenuation statistics and atmospheric absorption coefficient" on 12-08-2020.

- Vijaya kumar Gurrala, Y.Padma Sai and Padmaraju K authored book chapter titled "Extraction of Wavelet Features for the Classification of Sleep Stages Using Single Channel EEG" published in Recent Developments in Engineering Research Vol. 2, Book Publisher International.
Print ISBN: 978-93-90206-87-2, eBook ISBN: 978-93-90206-88-9, DOI: 10.9734/bpi/rder/v2

- V.Priyanka-Asst.Prof elevated as IEEE Senior Member.

- Kotla Anurag Reddy-ECE student selected *JPMC INTERN HIRING* CODE FOR GOOD Hackathon based on their performance for summer internship.

- IEEE VNR PES student chair Pratyusha and her teammate participated in *solvieee it* competition as part of *PES global student congress*. They have presented a humanitarian project titled Renewable energy powered mobile educational module along with her team. For that, we have secured first place and our student branch is going to receive a prize money of 100$.

- IUCEE Consortium Members conducting Two programmes for 2nd year students

1. AI for Everyone Course by Rao Vemuri, University of California, Davis. We have selected 22 students and one faculty member- Dr. L.V.Rajani Kumari

2. Entrepreneurship Course. We have selected 22 students and Two faculty members - Mr.Mohamadaaziz Athani, Mr. P.Suresh Babu-Asst.Prof.

- Virtual Faculty Development Programme (FDP) on "Digital Tools for Writing, Authoring and reviewing manuscripts" Jointly Organized by Electronics & ICT Academy, National Institute Of Technology Patna and Department of Electronics and Communication Engineering of VNR Vignana Jyothi Institute of Engineering & Technology, Hyderabad (Sponsored by MeitY HRD division, Ministry of ICT, Govt. of India) From 21st September to 2nd October 2020 . Dr.P.Kishore-Asst.Prof acted as Proctor coordinator & V.Priynaka-Asst.Prof acted as Lab Coordinator.
  Total members: 60

- Virtual Faculty Development Programme (FDP) on "Python Programming" Jointly Organized by Electronics & ICT Academy, National Institute Of Technology Patna and Department of Electronics and Communication Engineering of VNR Vignana Jyothi Institute of Engineering & Technology, Hyderabad (Sponsored by MeitY HRD division, Ministry of ICT, Govt. of India) From 7th to 18th September 2020 . P.Anudeep-Asst.Prof acted as Proctor coordinator & B.B.Shabarinath-Asst.Prof acted as Lab Coordinator.
  Total members: 61

- ECE department conducting training program on "Python & Advanced Python" for all III B.Tech ECE students by P.Anudeep-Asst.Prof,B.B.Shabarinath-Asst.Prof & Pradeep Kumar-Asst.Prof for 45 days(starting from 23-09-2020).

- Dr.Y.Padma Sai-Prof of IEEE Hyderabad section WIE AG received R10 Women in Engineering Outstanding Section Affinity Group Award: IEEE Hyderabad Section WIE Affinity Group in recognition and appreciation of valuable services and contributions.

- IEEE VNR Circuits and Systems Society present a webinar on "IoT is the New IT" by Mr.PVN Pavan Kumar, Director/Product Management/IoT, SAP Labs on 05-10-2020.

- Virtual Faculty Development Programme (FDP) on "Cyber Security" Jointly Organized by Electronics & ICT Academy, National Institute Of Technology Patna and Departments of Information Technology & Electronics and Communication Engineering of VNR Vignana Jyothi Institute of Engineering & Technology, Hyderabad (Sponsored by MeitY HRD division, Ministry of ICT, Govt. of India) From 5th October to 16th October 2020. Renuka-Asst.Prof acted as Proctor coordinator & K.Aruna Kumari-Asst.Prof acted as Lab Coordinator. Total members: 51

- IEEE VNR SB has received best branch councillor (Dr.Y.Padma Sai-Prof) award from IEEE Hyderabad section, results announced during SEC meeting on 18-10-2020.

- Ch. SV.Sushmitha (2016-20, ECE, 16071A4C8) an intern ats Synopsys is nominated and won the award for special program called SEEDS - Scholarship for Educating and Enabling Diversity at Synopsys on 23-10-2020.

- ECE department in association with IEEE SP Society organized a Professional Development Programme on "Basics of Python Programming" from 9th to 13th November, 2020.

- K.Kalyana Srinivas, Assistant Professor and Peddi Anudeep, Assistat Professor, patent published on "Acoustic Echo Cancellation Algorithm for Channel Estimation In Fully Scheduled Precoder Based Poma Structured LTE NetworK". The patent number is 202041044247A. Published on 16-10-2020.

  - One of the Research Scholar Ms.G.Surekha of Dr. Y.Padma Sai has completed colloquium on 9th Nov. 2020. Project titled "Analysis of Static Memory by Controlling Leakage Power".

  - Pradeep Kumar-Asst.Prof received a certificate of best paper presentation at International Conference on Innovation in Cyber Physical Systems (ICCPS-2020) New Delhi held on 22nd to 23rd October 2020.

  - Dr.S. Rajendra Prasad-Prof & Dr.Y.Chalapathi Rao-Assoc.Prof elevated as IEEE Senior member on 24-11-2020.

  - ECE department in association with IEEE Hyderabad section, IEEE signal processing society and IEEE WIE AG Hyderabad Section organizing a 4-Day virtual event **"IEEE SPS Summer School on Internet of Things for Biomedical and Healthcare Applications"** from 28th to 31st December 2020.

  - V.Priyanka, Assistant Professor/ECE, completed her pre-talk from JNTU Anantapur on 2nd December 2020 at 2:00 PM. She is doing her research work under the guidance of Dr.Y.Padma Sai, Professor & Head/ECE.

  - Dr.Y.Chalapathi Rao-Assoc.Prof has been Selected Best Academician Award from Elsevier SSRN Research awards on 14-12-2020.

  - Rajendra Prasad Somineni, Professor, ECE, Published a Book Chapter "Low Power, High Performance CNTFET Based SRAM Cell Designs: Design and Analysis of 6T CNTFET SRAM Cells" in a Book "Major Applications of Carbon Nanotube Field-Effect Transistors (CNTFET)" published by IGI Global. (DOI: 10.4018/978-1-7998-1393-4.ch006).

- P.Sravanthi of VLSI M.Tech 2nd year student got Internship Offer from SION Semiconductors (P) Ltd, Bangalore , has been selected for the position of FPGA Design Intern (06-Months) for the Project group Processor Research on 11-12-2020.
- M.Adithiya(15071A0490) student got 58 rank in GATE 2020.
- T.Naresh (15071A04M9) student got 49 rank in GATE 2020.

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