

# 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

- Conducted guest lecture for II B.Tech ECE-1 & 2 students (120) on "Introduction to FOSS and Basic Linux Commands" by Mr.Srikar Arepalli (Alumni student 2010 passed out) on 06-01-2021.
- IEEE VNRVJiet Student Branch organized The 2021 Membership Drive on "IEEE - What's Inside?" by Mr. Madhav Negi - Digital Innovation Manager, DXC Technology, and Dr. Vinit Gunjan - Membership Development Chair, IEEE Hyderabad Section on 11-01-2021 from 2:00 to 3:00 PM.
- V. Naveen Kumar-Asst.Prof visited DRDO-Pune, from 18<sup>th</sup> to 21<sup>st</sup> January 2021. Presentation of Mile stone1 for the project "Secure Weapon Shooting Identification System" is successfully completed. Discussed with Mr. Vikas, Scientist 'D' for further developments and improvements. Had a meeting with Dr. V Venkateswara Rao, Outstanding Scientist, Director, ARDE, Pune regarding problem identification and agreement to work for new consultancy projects.
- Dr.Y. Padma Sai-Prof, D.Kanthi Sudha-Asst.Prof, Dr.L.V. Rajani Kumari-Asst.Prof,Dr.P.Kishore-Asst.Prof,K.Kalyana Srinivas- Asst.Prof,V.Naveen Kumar-Asst.Prof, K. Swetha Reddy-Asst.Prof, K.Naresh-Asst.Prof, D.Ramesh Reddy-Asst.Prof & R.Sravanth Kumar Asst.Prof visited Avantel Pvt. Ltd, Madhapur, Hyderabad on 28-01-2021 for funding project discussion.



- Ms.G.Ramya-Asst.Prof got admission into part time Ph.D at NIT AP on 08-01-2021.
- Ms.K. Deepthi-Asst.Prof got admission into part time Ph.D at NIT Warangal on 12-01-2021.
- Dr.Y.Padma Sai-Prof received outstanding Student Branch Counsellor Award by IEEE Hyderabad Section Awards 2020 during AGM on 24-01-2021.
- Dr.Y.Padma Sai-Prof received R10 Women in Engineering Outstanding Section Affinity Group Award for IEEE Hyderabad Section WIE Affinity Group from R10 on 24-01-2021.
- R.Sravanth Kumar-Asst.Prof granted Australian Patent titled "Machine Learning Based Network Intelligentization for Automatically Configurable Cellular Communication Systems" on 13-01-2021.
- Ms.A.Lavanya-Asst.Prof got admitted into part time Ph.D at Sathya Bhama Institute of Science and Technology, Chennai on 12-01-2021.
- Ms.S.Naga Leela-Asst.Prof got admitted into part time Ph.D at Sathya Bhama Institute of Science and Technology, Chennai on 12-01-2021.

- Flag hoisting (26-01-2021) done by M.Jyothi Swaroopa (17071A04F9) IV B.Tech student, She is the topper with 9.79 CGPA among the girl students of all branches up to III B.Tech II Semester.
- Saadia Hassan (17071A0446) & Appidi Rohith Reddy (17071A463) selected for Internship in Synopsys on 29-01-2021.
- IEEE VNR SP and CS Chapters in association with ECE department organized a guest lecture on "Hands on session UNIX Platform" for I & II M.Tech students on 20-02-2021 by Sri.D.Srikanth, Engineer, Xilinx, Hyderabad.



- Dr. PadmaSai, Chief Guest for Inaugural of IEEE WIE SVCE Student Branch, SV College of Engineering, Tirupati on 12-02-2021@10.00 AM through online.
- V.Priyanka B, Assistant Professor under the guidance of Dr.Y. Padma Sai, submitted her thesis with title, "**Detection of Epileptic seizure in early stage using Electrooculogram signals**" in JNTU Ananthapur on 22/02/2021.
- Ch.Naga Deepa-Asst.Prof under the guidance of Dr.N. K.Balaji –Prof, JNTUK & Dr.V.Padmaja- submitted her thesis with title "Exploration of Variations in Hand Gesture Based Telugu Character Recognition using Machine Learning Classifier" in JNTUH on 19-02-2021.
- Mr.Appidi Rohith Reddy and Ms.Saadia Hassan got selected as Graduate Engineer

Trainee at Synopsys received the Offer letter on 10-02-2021.

- Mr. Hydraboiny Sai Prasad, IV B.Tech ECE-4 (17071A04K6) student has been selected for a Richard E. Merwin Student Scholarship (\$1000) from IEEE Computer Society in recognition of his exemplary involvement in student chapter activities, excellent academic achievement and willingness to act as a student ambassador.
- IEEE Hyderabad Section Women in Engineering Affinity Group and Education Society in association with IEEE Kolkata Section on the occasion of International Women's Day presents a webinar titled "From Learning to Deep Learning" by Dr. Sushmita Mitra, Fellow IEEE, INSA, IAPR, INAE, NASI, J.C. Bose Fellow, Chair, IEEE Kolkata Section, Member, Inter-Academy Panel for Women in STEMM, Professor, Machine Intelligence Unit, Indian Statistical Institute, Kolkata on March 8th 2021.
- IEEE VNR Student Branch has organized a talk regarding volunteer benefits and orientation of IEEE for first year ECE students.



- Faculty Development Programme (FDP) on "**ICT Tools for Teaching, Learning Process & Institutes**" Jointly Organized by E & ICT Academy NIT Patna. Jointly organised by IIT Guwahati, IIT Kanpur, IIT Roorkee, MNNIT Jaipur, PDPM IITDM Jabalpur and NIT 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 15<sup>th</sup> to 26<sup>th</sup> March 2021. Proctor coordinator: Dr. Ranjan Kumar Senapati, Dept. of ECE, and VNR VJIET. No. of participants under proctor coordinator: 51.

- Faculty Development Programme (FDP) on “RISC-V V LSI Implementation Flow” Jointly Organized by E & ICT Academy NIT Patna, IIT Guwahati, MNIT Jaipur, PDPM IITDM Jabalpur 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 27<sup>th</sup> March to 8<sup>th</sup> April 2021 from 10:00 AM to 1:00 PM. Proctor coordinators: Mr.K.Kalayana Srinivas-Asst.Prof, & Mr.K.Sarath Chandra-Asst.Prof , Dept. of ECE, VNR VJIET. No. of participants 102.
- Hearty Congratulations to the team members Dr.D.N.Rao-President, Vignana Jyothi, Dr.C.D.Naidu- Principal, VNRVJIET, Dr.N.Balaji- Former Professor, ECE, **Mr.V.Naveen Kumar**-Asst.Prof ,ECE, VNRVJIET for granting the patent titled “An Intelligent and Intuitive Signaling System for Motor Vehicles to Minimize Road Accidents” on 22-03-2021.
- SALCIT TECHNOLOGIES is the finalist at the 11th Aegis Graham Bell award 2020 in the category of COMBAT COVID-19 with Artificial Intelligence.
- V.Sagar Reddy-Asst.Prof submitted Ph.D thesis titled “Speech Enhancement using improved adaptive filtering techniques and its implementation through FPGA” on 17-03-2021.
- G.Shanthi-Asst.Prof Published an Indian patent titled “Design and Analysis of RF MEMS Switch Configured CSRR Embedded Bandstop Filter for Ku Band Applications” Application No.202141003676 on 5<sup>th</sup> February 2021.

- G.Shanthi-Asst.Prof completed her Pretalk of PhD titled “**Design and Analysis of novel type RF MEMS Switch Integrated Band Reject Filters for Ku-Band Applications**” under the guidance of Dr. K. Srinivasrao, KL Deemed to be University, Vijayawada on 29-03-2021.

- Ch.Abhilash(20071A4K1) secured 5 gold medals in swimming at 6<sup>th</sup> Senior State Level Competitions held at Zion Sports, Hyderabad on 7<sup>th</sup> March, 2021.

- P.Sravanthi (19071D5711) got internship offer from Siemens EDA Mentor Graphics on 24<sup>th</sup> March 2021.

- Dr.D.N.Rao, President and Sri.Kode Durga Prasad, Joint Secretary, Vignana Jyothi presenting cash prizes for “My Dream Contest”. The following I B.Tech students got Prizes.

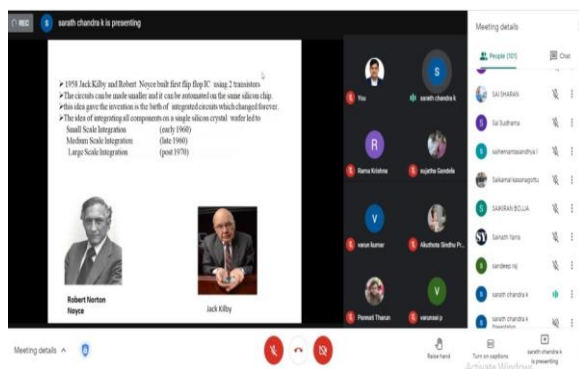
Ananya Ummadi	-20071A4J5
Chitta Uday Bhaskar	- 20071A4K3
Kuncham Prashanth	-20071A4N3
Vemula Sahithya Priya	-20071A4R0



- Faculty Development Program on **“Data Science for ALL”** Organized Jointly by all the E&ICT Academies in association with ECE department from 12-04-2021 to 23-04-2021. Total 189 participants are registered which includes faculties from various engineering colleges, research scholars and students. Dr.Y Padma Shayi, Head of the Department along with P.Anudeep-Asst. Prof and R. Sravanth Kumar-Asst.Prof acting as Proctor Coordinators for this event. B B Shabarinath- Asst. Prof and Pradeep Kumar-Asst. Prof acting as Lab Coordinators.

- Faculty Development Program on **“System Design Methodologies for Embedded, IoT, AI, & HPC using Intel FPGA”** Organized Jointly by IIT Guwahati, MNIT Jaipur, NIT Patna and NIT Warangal in association With ECE department from 19<sup>th</sup> to 30<sup>th</sup> April 2021. Proctor coordinator for this FDP is Dr.P. Kishore, Associate Professor.

- VNR IEEE Student Branch and VNR IEEE CASS organized a webinar on **“VLSI Industry Prerequisites for Entry-Level ASIC Physical Design Engineer and Areas need to focus in Engineering”** on 30-04-2021 from 3P to 5PM by Mr.K.Sarath Chandra, Assistant Professor, No.of Participants: 100.



- Sanctioned AICTE-INAE Distinguished Visiting Professorship Scheme for ECE (Mr. N Venkatesh, Sr. Vice President, Advanced Technologies, Redpine Signals Inc, Hyderabad).
- MMRFIC Technology Pvt Ltd has given Consultancy project titled **“Design of an**

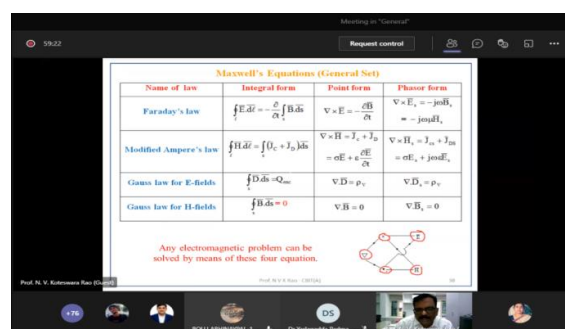
**FFT/IFFT IP-Core”** of worth Rs. 2,00,000/- on 15-04-2021.

Project Coordinators: Dr. Y.Padma Sai-Prof, Mr.K. Naresh-Asst.Prof & Mr. Kota Murali Mohan (PG student)

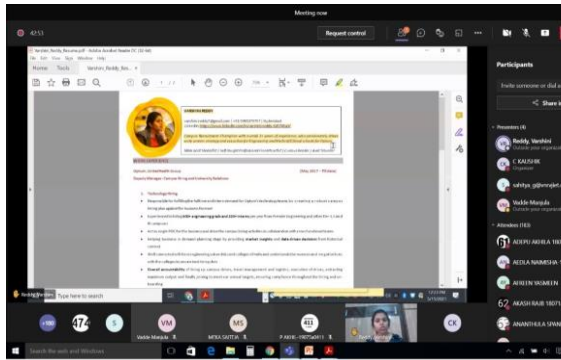
- D.Kanathi Sudha was the WINNER for the Prestigious Award of India’s Top Admission Counsellors Summit & Awards 2021 organised by ASMA (Adapting Social Media for Academia) on 9-4-2021. This prestigious Award was to honor her exemplary work in the field of Education and recognize her as one of the brightest & influential Counsellors in Education.

- Mithil Garrepally (18071A04E4) participated in Neo PAT (NEO DODEATHON) and received five-day product company placement training boot camp and he received as a prize Alexa Device Rs.10,000/- on 05-04-2021.

- IEEE VNR Student branch, IEEE VNR CASS and IEEE VNR SPS organized a webinar for II & III B.Tech students on **“Demystifying Electromagnetics”** from 3.30PM to 5PM on 03-05-2021 by Dr. N. V. Koteswara Rao, Director-IQAC & Professor of ECE Department, Former Director-Academics and Head of ECE Department, CBIT. Total 100 students are attended.



- ECE department organized a seminar on **“RESUME WRITING”** for III B.Tech ECE students (170) from 12:00 PM to 1:30 PM on 15-05-2021 by Mrs.MANJULA and Mr.VARSHINI REDDY (Alumni students).



- Dr.Y.Padma Sai organised IEEE Hyderabad Section WIE AG & Education Society a webinar on **“REVISITING OUR TEACHING PHILOSOPHIES IN ONLINE ENVIRONS”** by Dr. C. Jyostna on 22-05-2021.
- AICTE ATAL has sanctioned Rs.93, 000/- to organise FDP on **“Challenges in Adapting Machine learning towards 5G/6G Communications, Coordinators: Dr.Y.Chalopathi Rao-Asst.Prof & Pradeep Kumar-Asst.Prof.**
- A patent titled method for characterization of subject’s attention and meditation using BCI for real time healthcare monitoring published on 29-05-2021 by R.Sravanth Kumar-Asst.Prof, K.Kalyana Srinivas, Dr.Y.Padma Sai-Prof, Dr.S.Rajendra Prasad-Prof, L.Dharma Teja-Asst.Prof, V.Priyanka Asst.Prof, Dr.P.Kishore-Asst.Prof, -Asst.Prof, G.Vijaya Kumar-Asst.Prof K.Sarath Chandra-Asst.Prof, P.Anudeep-Asst.Prof.
- IEEE VNRVJIET CAS & WiE in association with ECE department organized **“Coding Contest”** for I B.Tech ECE students (140) from 2:30PM to 4:00PM on 03-06-2021.
- IEEE VNRVJIET Student Branch is organized a guest talks for I B.Tech students (221) on **“Roadmap to Successful Career, Habits of Excellence & the Role of IEEE”** on 05-06-2021 from 2.30PM to 5PM.
- A meeting is conducted between TCS & VNR VJIET to explore collaboration in VLSI Space.
- Sri. Ganta Basawanadha Rao and his family members have generously come forward to donate Laptops for poor and needy students during this pandemic to facilitate online learning. We have received 5 new Laptops from them and the same will be distributed to the following students on 10-06-2021
  - K.Suman (20071A0430),
  - Jayaraj (20071A04J0),
  - Peram Kishore (19071A0440),
  - Uppala akhilesh (19071A04Q9) & Muthoju Bharath (20071A04F6)
- A meeting has been scheduled by the TCS SPOC, Mr. P. Naveen on 18th June, 2021 to review the projects offered by TCS as a part of Academic Interface Program (AIP).Three batches of students from IV B.Tech ECE has worked on the following projects.
  - Autonomous Vehicle tracking and monitoring
  - Electric Vehicle Speed controlling with Speed Hump detection and
  - Driver fatigue detection using Steering wheel
- BANDI NIKITHA (18071A04J2), BINDIGI SHIVANI BINDIGI SHIVANI (18071A04J7), BOJJA SRIKAR (18071A04J8), VEERABOINA PRASHNTH KUMAR (18071A04Q9) from 3rd year ECE-4 have been the finalists in the Toycathon, A GOI Initiative.