

G. PULLA REDDY ENGINEERING COLLEGE (AUTONOMOUS): KURNOOL



July 2021

NEWS LETTER

**DEPARTMENT OF
Electrical & Electronics Engineering**



Volume 8

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*Empowering the students towards
Ebullient Engineers for the benefit*



Professor & Head

About EEE:

The Department of EEE at G. Pulla Reddy Engineering College (Autonomous) was established in 1994 with an intake of 60. The intake was increased to 120 from 2008 and is affiliated to Jawaharlal Nehru Technological University, Ananthapur, Ananthapuram.

The Department aims at imparting high quality technical education in the area of Electrical and Electronics Engineering. Apart from an under graduate course, the Department is also offering one Post Graduate Program with specialization in Power Electronics with an intake of 18 since 2004. The Department seeks to shape its graduates into critical, original and independent thinkers sufficiently equipped with the necessary tools to venture out into the practical world with professional competency, who can add to the body of scientific knowledge. It was accredited by NBA four times, first in the year 2005, then in

2008 and also in 2013 and again in 2017 as per new changes in NBA. Also the department is recognized as Research centre by JNT University Ananthapur and full time PhD course is offered from 2013-2014 academic years onwards.

The department has a strong pool of faculty with 14 Ph.D.'s and 10 M.Tech's. It boasts of having highly qualified faculty with an unparalleled level of expertise in their respective fields. Break up of teaching staff is 5 Professors, 10 Associate Professors and 9 Assistant Professors. The sheer expertise and dedication of the faculty members along with infrastructural facilities coupled with perseverance of the students have catapulted the branch to the top league. Active research is going on in the areas of Electric vehicles, Renewable energy sources, Power Systems, Power Electronics & Drives and Control Systems.

Vision:

To transform the individuals into globally competent electrical and electronics engineers to realize technological needs of the society and to develop the department into an ideal education and research center.

Mission:

Mission1: To impart high quality education and enhance students' skills to meet the present needs by introducing concurrent trends in curriculum and through collaborative industry institution interaction.

Mission2: To share and disseminate expertise for use in the solution of problems faced by electrical & electronics engineering and by the society.

Mission3: To mould the students into responsible citizens with social, ethical and environmental awareness.

Dr. T. Brahmananda Reddy

Department Achievements/Workshops/Conferences Organized

GPREC IEEE SB WIE AG led by Dr. V. Anantha Lakshmi Received Outstanding IEEE Affinity Group Students Chapter Award in the year 2020 from IEEE Hyderabad Section.

| S.No | Name of the Faculty | Title of the Award/Fellowship Received | Year of Award | International / State / National University level | Name of the Agency or Body granting the award/Fellowship |
|------|------------------------|--|---------------|---|--|
| 1 | Dr. Satheesh.G | Ph.D Evaluation | 2021 | | Raghu C. N. Ph.D. Scholar in Electrical Engineering |
| 2 | Dr. G Sreenivasa Reddy | Ph.D awarded | 2021 | | JNTUA Anantapur |
| 3 | Dr Y V Siva Reddy | Re elected as Chairman of Ananthapuramu Subsection | 2021 | National | IEEE Hyderabad Section |
| 4 | Dr. C. Harinatha Reddy | Significant Volunteer Service Award | 2020 | State level | IEEE Hyderabad Section |
| 5 | Dr. C. Harinatha Reddy | Outstanding Student Branch Counsellor award | 2020 | State level | IEEE Hyderabad Section |
| 6 | Dr. C. Harinatha Reddy | Received AICTE Spices Grant of RS 100000/- | 2021 | National level | AICTE |
| 7 | Dr C Harinatha Reddy | Elevated as Chair of PES/IAS/PELS Jt Chapter | 2021 | National | IEEE Hyderabad Section |

Faculty Recharging Strategies:

| S.No. | Name of the faculty | Name of the workshop/STTP/FDP | Dates | Organized by |
|-------|----------------------------|---|---|---|
| 1 | Dr. Satheesh Gopiseti | One Week Workshop on Introduction to PLECS tool for Power Electronics Applications | 2nd to 6th July 2020 | VRSEC, Vijayawada in association with PLEX-IM, Switzerland and sponsored by AICTE- Margadarshan Scheme |
| 2 | Dr. Satheesh Gopiseti | One Week Workshop on Arduino | 6th – 10th July 2020 | SKN Sinhgad College of Engineering Pandharpur, Maharashtra in association with Spoken Tutorial IIT Bombay, Mumbai |
| 3 | Dr. V. Anantha Lakshmi | | | |
| 4 | Dr. Satheesh Gopiseti | One Week Online FDP on Recent Trends in Micro Grid Technologies One Week Online FDP on Recent Trends in Micro Grid Technologies One Week Online FDP on Recent Trends in Micro Grid Technologies | 6th to 11th July 2020 6th to 11th July 2020 6th to 11th July 2020 | Vignan Institute of technology and Science, Hyderabad |
| 5 | Dr. N. Ravi Sankara Reddy | | | |
| 6 | Sri.A. Pradeep Kumar Yadav | | | |
| 7 | Dr. C. Harinatha Reddy | One Week National Level Online Faculty Development Programme on “Real Time Aspects of Power System Scenario” | 6th-10th July 2020 | MGIT, Hyderabad |
| 8 | Sri.A. Pradeep Kumar Yadav | One Week National Level Online Faculty Development Programme on “Real Time Aspects of Power System Scenario” | 6th-10th July 2020 | MGIT, Hyderabad |
| 9 | Sri.A. Pradeep Kumar Yadav | One Week Online FDP on Research Avenues in Electrical Engineering | 6-10 July 2020 | Karpakam College of Engineering, Coimbatore |
| 10 | Dr B Urmila | One Week Online FDP on "Introduction to Data Mining and Machine Learning" | 09-07-2020 to 15-07-2020 | Dept. of CSE,GPREC, Kurnool |
| 11 | Dr. Nayeemuddin.M | One week Online Faculty Development Program on MATLAB and its Applications in Engineering using Machine Learning and Deep Learning | 13th July 2020 to 18th July, 2020 | GPREC, Kurnool |
| 12 | Dr B Urmila | Online Faculty Development Program on Advanced Data processing using Machine Learning, Artificial Neural Networks & Deep Learning | 13-07-2020 to 17-07-2020 | TKR College of Engineering & Technology, Hyderabad |

| S.No | Name of the faculty | Name of the workshop/STTP/FDP | Dates | Organized by |
|------|---------------------------|---|-------------------|--|
| 13 | Dr. Satheesh Gopiseti | One Week Online Faculty Development Program on "INTELLECTUAL PROPERTY RIGHTS" | 13-17 July, 2020. | R & D Cell,GPREC, Kurnool |
| 14 | Dr.Y.V.Siva Reddy | | | |
| 15 | Dr.G.Kishor | | | |
| 16 | Dr. V. Anantha Lakshmi | | | |
| 17 | Dr B Urmila | | | |
| 18 | Dr.M.Siva Sathya | | | |
| 19 | Sri. B.Raghavendra | | | |
| 20 | Dr. Nayeemuddin.M | | | |
| 21 | Dr. C. Harinatha Reddy | | | |
| 22 | Sri.G.Venkata Subba Reddy | | | |
| 23 | Dr. G. Sreenivasa Reddy | | | |
| 24 | Sri.A.Pradeep Kumar Yadav | | | |
| 25 | Sri.E. Sreenadh | | | |
| 26 | Smt.G.Haritha | | | |
| 27 | Dr. N. Ravi Sankara Reddy | | | |
| 28 | Dr.Y.V.Siva Reddy | One Week Online Short Term Training Programme (STTP) on Data Analytics & | 13-18 July,2020 | Dept of CSE,JNTUACEA |
| 29 | Dr. Satheesh Gopiseti | One-Week National Level Online FDP on MATLAB and its Applications in Engineering using Machine Learning and Deep Learning | 13-17 July 2020 | Dept of ECE in association with Math Works & Capricot Technologies Pvt Ltd , GPREC |
| 30 | Sri.A.Pradeep Kumar Yadav | One Week Online Short Term Training Programme on Optimization Techniques Through Machine Learning for Wireless and IOT | 13-18July,2020 | Malla Reddy Engineering College for Women, Secundrabad |

Faculty Recharging Strategies:

| S.No | Name of the faculty | Name of the workshop/STTP/FDP | Dates | Organized by |
|------|---------------------------|--|-----------------|--|
| 32 | Dr.M.Siva Sathya Narayana | Online Workshop on Universal Human Value On the Theme Inculcating Universal Human Values in Technical Education | 18-22 July,2020 | AICTE,New Delhi |
| 33 | Sri.A.Pradeep Kumar Yadav | One-Week National Level Online FDP on Recent Advancements in Power Electronics and Power Conversion for Distributed Generation | 20-25 2020 | July Balaji Institute of Technology & Science, Warangal |
| 34 | Dr. Satheesh Gopiseti | Five Day International Level Online FDP On RESEARCH TRENDS IN IMAGE PROCESSING WITH MACHINE LEARNING AND DEEP LEARNING | 21-25 2020 | July GPREC,Kurnool |
| 35 | Dr. Satheesh Gopiseti | A 5-Day Online Faculty Development Programme (FDP) on "Power Electronic Converters and it's Real Time Applications" | 21-25 2020 | July Dept of EEE , Sri Vasavi Engineering College, Tadepalligudem |
| 36 | Dr. Y. V. Siva Reddy | | | |
| 37 | Dr. Nayeemuddin.M | | | |
| 38 | Sri.A.Pradeep Kumar Yadav | | | |
| 39 | Dr.G.Venkata Subba Reddy | | | |
| 40 | Dr. C. Harinatha Reddy | | | |
| 41 | Dr. V. Anantha Lakshmi | | | |
| 42 | Dr. T. Bramhananda Reddy | | | |
| 43 | Dr. V. Anantha Lakshmi | Five Days FDP on Applied IOT with NODE MCU,RASPBERRY PI & CLOUD CONFIGURATION | 21-25 2020 | July Dept of ECE , Hyderabad Institute of Technology and Management |
| 44 | Sri.E. Sreenadh | One Week Online Faculty Development Program on "Artificial Intelligence and Deep Learning" | 23-27 2020 | July Dept of CSE , GPREC, Kurnool |
| 45 | Smt.G.Haritha | One Week Online Faculty Development Program on "Artificial Intelligence and Deep Learning" | 23-27 2020 | July Dept of CSE , GPREC, Kurnool |
| 46 | Dr. V. Anantha Lakshmi | | | |
| 47 | Dr. Satheesh Gopiseti | One Week Online FDP on "Advances in Next Generation Wireless Communications & Networks" | 27-31 2020 | July Dept of ECE, GPREC,Kurnool |
| 48 | Dr. Nayeemuddin.M | | | |
| 49 | Dr.Y.V.Siva Reddy | A Five Day Online FDP on Role of Digital Technologies and Alternate Energy in Industries | 27-31 2020 | July St. Joseph College of Engineering, Chennai |

Faculty Recharging Strategies:

| S.No | Name of the faculty | Name of the workshop/STTP/FDP | Dates | Organized by |
|------|---------------------------|---|-------------------------------------|---|
| 50 | Dr. Satheesh Gopiseti | A Five Day FDP On 'Research Perspectives of Artificial Intelligence in Electrical Engineering' | 27-31 July 2020 | Dept of EEE, Sri Ramakrishna Engineering College, Coimbatore |
| 51 | Dr.M.Siva Sathya Narayana | | | |
| 52 | Dr. G. Sreenivasa Reddy | A Three Day National Level Online Faculty Development Program on "Design, Costing And Establishment Of Green Energy System" | 31-07-2020, 02-08-2020 & 03-08-2020 | Dept of EEE, BIT Institute of Technology, Hindupur |
| 53 | Dr. G. Sreenivasa Reddy | Faculty Knowledge Sharing Program on "Online learning and Students Engagement Techniques" | 1-Aug-20 | ICFAI Business School, Bangalore |
| 54 | Dr. Satheesh Gopiseti | Five Day Short Term Course "Power Electronics Application in Smart Grid and Electric Vehicle" | 3-7 Aug 2020 | Dept of EEE, Sri Ramakrishna Engineering College, Coimbatore |
| 55 | Sri.E. Sreenadh | Five - Day Online Faculty Development Programme on "Micro Grid: Fundamentals, Control and Stability Aspects" | 3-7 Aug 2020 | Dept of EEE in association with IEEE PELS Chapter , GPREC , Kurnool |
| 56 | Dr. Nayeemuddin.M | | | |
| 57 | Sri.B. Amarnath Naidu | | | |
| 58 | Dr. Satheesh Gopiseti | | | |
| 59 | Dr. V. Anantha Lakshmi | | | |
| 60 | Dr. N. Ravi Sankara Reddy | | | |
| 61 | Dr.G.Venkata Subba Reddy | | | |
| 62 | Dr.M.Siva Sathya Narayana | | | |
| 63 | Dr. K. Sri Gowri | | | |
| 64 | Dr.Y.V.Siva Reddy | | | |
| 65 | Sri.S.Anil Kumar | | | |
| 66 | Smt.G.Haritha | | | |
| 67 | Dr. G. Sreenivasa Reddy | | | |

Faculty Recharging Strategies:

| S.No | Name of the faculty | Name of the workshop/STTP/FDP | Dates | Organized by |
|------|--------------------------|---|-------------------------|--|
| 68 | Sri.B. Amarnath Naidu | Five Day International Level Online FDP On Lab VIEW & Real-Time Data Acquisition | 3-7 Aug 2020 | Dept of ECE ,National Instruments Innovation Center , ITS Engineering College, Greater Noida |
| 69 | Dr. Nayeemuddin.M | | | |
| 70 | Dr.M.Siva Sathya Naraya- | A Five Day Short term on Power Electronics Application In Smart Grid And | 3-7 Aug 2020 | Dept of EEE, Sri Ramakrishna Engineering Col- |
| 71 | Sri.B. Amarnath Naidu | AICTE Sponsored Online (Phase-I) Short Term Training Programme On Challenges in Electric Vehicular Battery Charging & Grid Integration Issues Phase-I | 3-8 Aug 2020 | Dept of EEE, RGM CET, Nandyal |
| 72 | Dr. Satheesh Gopiseti | AICTE Sponsored Online (Phase-I) Short Term Training Programme On Challenges in Electric Vehicular Battery Charging & Grid Integration Issues Phase-I | 3-8 Aug 2020 | Dept of EEE, RGM CET, Nandyal |
| 73 | Dr.G.Venkata Subba Reddy | Five Day Online FDP on Industrial and Process Automation (IPA-2020) | 10-14 Aug 2020 | Dept of EEE in association with GPREC IEEE - PES/IAS/PELS Student Chapters |
| 74 | Smt.G.Haritha | | | |
| 75 | Sri.S.Anil Kumar | | | |
| 76 | Dr. G. Sreenivasa Reddy | | | |
| 77 | Sri.E. Sreenadh | | | |
| 78 | Sri.B. Amarnath Naidu | | | |
| 79 | Dr. V. Anantha Lakshmi | | | |
| 80 | Dr. K. Sri Gowri | | | |
| 81 | Dr.M.Siva Sathya Naraya- | | | |
| 82 | Dr.Y.V.Siva Reddy | | | |
| 83 | Dr. Satheesh Gopiseti | | | |
| 84 | Sri.B. Amarnath Naidu | | | |
| 85 | Dr. V. Anantha Lakshmi | Online FDP on Computer Science & Business Systems | 11th & 12th August 2020 | Tata Consultancy Services |
| 86 | Dr. K. Sri Gowri | | | |

Faculty Recharging Strategies:

| S.No | Name of the faculty | Name of the workshop/STTP/FDP | Dates | Organized by |
|------|---------------------------|---|--|--|
| 87 | Dr. Satheesh Gopiseti | AICTE Sponsored STTP (Series - III) Recent advancements in Integration of Distributed Energy Resources for Electric Vehicle Charging Station and Energy Management using Internet of Energy | 17-08-2020 to 22-08-2020 | KPR Institute of Engineering and Technology, Coimbatore, |
| 88 | Sri.B. Amarnath Naidu | AICTE Sponsored online (Phase-II) Short Term Training Programme on Challenges in Electric Vehicular Battery Charging & Grid Integration Issues 24-29 Aug 2020 | 24-29 Aug 2020 | Dept of EEE, RGM CET, Nandyal |
| 89 | Dr. Satheesh Gopiseti | AICTE Sponsored online (Phase-II) Short Term Training Programme on Challenges in Electric Vehicular Battery Charging & Grid Integration Issues 24-29 Aug 2020 | 24-29 Aug 2020 | Dept of EEE, RGM CET, Nandyal |
| 90 | Dr. C. Harinatha Reddy | Online Training on ELECTRICAL CAD | 24 Aug - 23 Sept. 2020 | MSME - Technology Development Centre (PPDC), Agra |
| 91 | Dr. Satheesh Gopiseti | Faculty development program on Efficient harnessing on renewable energy through smart Electrical Designs & Control Schemes from 25th-29th AUGUST 2020 | 25th-29th AUGUST 2020 | Hyderabad Institute of Technology and Management Medchal |
| 92 | Dr. Nayeemuddin.M | Virtual Training Program on Data Science Masters in 11 hours | 5th,6th and 12th September 2020 | Excelr Solutions (USA) |
| 93 | Dr. Nayeemuddin.M | Four Day Online Faculty Development Program on "Challenges and Opportunities of Energy and Sensor Applications" | 23rd September to 26th September 2020 | Dept of EEE, JNTUACEA under TEQIP - III |
| 94 | Dr. N. Ravi Sankara Reddy | | | |
| 95 | Sri.B. Amarnath Naidu | AICTE Sponsored online (Phase-III) Short Term Training Programme on Challenges in Electric Vehicular Battery Charging & Grid Integration Issues Phase-III | 24-30 Sep 2020 | Dept of EEE, RGM CET, Nandyal |
| 96 | Sri. B.Raghavendra Reddy | | | |
| 97 | Sri. M. Sreenivasa Reddy | | | |
| 98 | Dr. Nayeemuddin.M | | | |
| 99 | Dr. Nayeemuddin.M | Five-Day Faculty Development Program On "Action Research As A Methodology For Professional Development In Engineering Field" | 26th to 30th September 2020 | Dept. of CIVIL, GPREC, Kurnool |
| 100 | Dr. Nayeemuddin.M | Virtual Training Program on "IoT and Applications" | 2nd, 3rd, 4th, 6th & 9th November 2020 | Excelr Solutions (USA) |

Faculty Recharging Strategies:

| S.No | Name of the faculty | Name of the workshop/STTP/FDP | Dates | Organized by |
|------|---------------------------|--|--------------------------------------|--|
| 101 | Dr. Y. V. Siva Reddy | A Five Day online Training Programme on Enhancing Accountability and Responsiveness in Scientific Organizations Sponsored by Dept. of Science & Technology, New Delhi, | 2nd November to 6 November 2020 | Institute of Public Enterprise, Hyderabad |
| 102 | Dr. N. Ravi Sankara Reddy | AICTE sponsored A Five Day Workshop on Stress Management through Yoga and Meditation | 16th to 21st , November, 2020 | Directorate of Faculty Development & IQAC, JNTUA , Anantapuramu |
| 103 | Dr. Nayeemuddin.M | One Week AICTE Sponsored Short Term Training Programme on "Research Trends in Renewable Photovoltaic System and its Research Challenges" | 23rd November to 28th November 2020. | Dept. of EEE, SV College of Engineering , Tirupathi |
| 104 | Dr. C. Harinatha Reddy | Online FDP on "Augmented Reality (AR)/ Virtual Reality (VR)" | 23rd- 27th November 2020 | Ramrao Adik Institute of Technology |
| 105 | Dr. C. Harinatha Reddy | Online FDP on "Augmented Reality (AR)/ Virtual Reality (VR)" | 30th Nov to 4th December 2020 | AICTE, New Delhi |
| 106 | Sri.B. Amarnath Naidu | E-Box Online Certification Course on Programming and Problem Solving Using C - GPREC | 01-12-2020 - Sep 2021 | e Box |
| 107 | Dr. C. Harinatha Reddy | Online FDP on "Augmented Reality (AR)/ Virtual Reality (VR)" | 7th – 11th Dec 2020 | Kumaraguru College of Technology |
| 108 | Sri.A.Pradeep Kumar Yadav | | | |
| 109 | Dr. V. Anantha Lakshmi | ATAL Online FDP on Internet of Things | 7th – 11th December 2020 | Gudivalleru Engineering College |
| 110 | Dr. Nayeemuddin.M | Two Week Faculty Development Programme (Phase-II), approved by AICTE on "Renewable Energy Intervention In Industry, Commercial And Domestic Application" | 14th December to 26th December 2020 | Dept. of ME ,RGM CET, Nandyal |
| 111 | Sri.B. Amarnath Naidu | Internship on Raspberry PI | 01st Jan -30 Jan 2021 | Pantech Solutions |
| 112 | Smt.G.Haritha | One Week online FDP on Renewable and Clean Energy Conversion Technologies and Materials | 4th-8th Jan 2021 | under TEQIP - III TWINNING PROGRAMME, University College of Engineering and Technology, BIKANER & JNTUACEA |
| 113 | Sri.B. Amarnath Naidu | | | |
| 114 | Sri.S.Anil Kumar | | | |
| 115 | Dr. G. Sreenivasa Reddy | | | |
| 116 | Dr.G.Venkata Subba Reddy | | | |
| 117 | Dr. Nayeemuddin.M | | | |

Faculty Recharging Strategies:

| S.No. | Name of the faculty | Name of the workshop/STTP/FDP | Dates | Organized by |
|-------|---------------------------|---|----------------------------|--|
| 118 | Dr.M.Siva Sathya Narayana | One Week online FDP on Renewable And Clean Energy Conversion Technologies and Materials | 4th-8th Jan 2021 | under TEQIP - III TWINNING PROGRAMME, University College of Engineering and Technology, BIKANER & JNTUACEA |
| 119 | Dr.G.Venkata Subba Reddy | Five Day e- Workshop on Recent Trends in Operation and Planning of Distribution System and Micro grid | 4th to 8th January 2021 | NIT Tiruchirappalli in association with the Hong Kong Polytechnic University |
| 120 | Sri.A.Pradeep Kumar Yadav | One Week ONLINE Continuing Education Programme on Applications of Power Electronics to Renewable Energy Sources and Power Quality Improvement Devices . | 04th-09th January, 2021 | Dept. of EEE in association with Centre for Continuing Education, NIT Warangal |
| 121 | Sri.B.Raghavendra Reddy | AICTE Sponsored A Two Week FDP on Electric Vehicle Components , Technologies , Challenges and Feature Development | 18/1/2021 to | Dept. of EEE, BV Raju Institute of Technology, Telangana |
| 122 | Sri.M.Sreenivasa Reddy | | 30/1/2021 | |
| 123 | Sri.M.Sreenivasa Reddy | AICTE - ISTE approved Orientation/Refresher Programme on Industrial Automation and Control | 8/2/2021 to 13/02/2021 | GPREC, Kurnool |
| 124 | Sri.B.Raghavendra Reddy | | | |
| 125 | Sri.B. Amarnath Naidu | | | |
| 126 | Dr. Nayeemuddin.M | | | |
| 127 | Dr. Satheesh Gopiseti | | | |
| 128 | Dr. K. Sri Gowri | Faculty Development Enablement Program | 22nd to 24th Feb 2021 | Infosys Limited, Hyderabad |
| 129 | Dr. Nayeemuddin.M | Online Faculty Development Program on “Entrepreneurship” | 22nd Feb to 6th March 2021 | Dept. of Science & Technology , Andhra Pradesh State Skill Development Corporation (APSSDC) |
| 130 | Sri.S.Anil Kumar | AICTE - ISTE approved Orientation/Refresher Programme on Industrial Automation and Control | 8th to 13th March-2021 | GPREC, Kurnool |
| 131 | Dr. G. Sreenivasa Reddy | | | |
| 132 | Dr. V. Anantha Lakshmi | | | |
| 133 | Dr. K. Sri Gowri | | | |

Faculty Recharging Strategies:

| S.No. | Name of the faculty | Name of the workshop/STTP/FDP | Dates | Organized by |
|-------|---------------------------|--|----------------------------|--|
| 134 | Sri.M.Sreenivasa Reddy | AICTE Sponsored One Week Online Short Term Training Program (STTP) Phase - III on Energy Management And Control System For Smart Renewable Energy Remote Power Generation | 5/4/2021 to 10/04/2021 | Dept. of EEE, AITS, Rajampet |
| 135 | Sri.M.Sreenivasa Reddy | | | |
| 136 | Dr. Satheesh Gopiseti | Master Class on Electrical Vehicle Design using MATLAB | 3- 7 May -2021 | Pantech Solutions |
| 137 | Dr.M.Siva Sathya Narayana | Master Class on Electrical Vehicle Design using MATLAB | 3- 7 May -2021 | Pantech Solutions |
| 138 | Dr. Nayeemuddin.M | | | |
| 139 | Dr. Nayeemuddin.M | One Week Faculty Development Program on “Exploring Data Mining and Machine Learning Applications” | 24th May to 28th May 2021. | Dept. of CSE, GPREC |
| 140 | Dr.M.Siva Sathya Narayana | A Five Day FDP on Tensor flow 2.3 On Deep Learning Models-From Coders View Point | 1st to 5th June 2021 | KLU University in association with IETE Vijayawada chapter KLU University in association with IETE Vijayawada chapter |
| 141 | Dr. Satheesh Gopiseti | | | |
| 142 | Dr. Nayeemuddin.M | Two Weeks online Faculty Development Programme (FDP) on “Advances in Composite Materials, Manufacturing Processes and Optimization Techniques” | 1st June to 14th June 2021 | Academy of Maritime and Training (AMET), Chennai |
| 143 | Dr. Satheesh Gopiseti | AICTE sponsored One week online Short Term Training Program (STTP - Phase-II) on “Simulation Tools for Electrical Engineering & its real time applications from 7-12 June-2021 | 7-12 June-2021 | Dept. of EEE, Kallam Haranadhareddy Institute of Technology, Guntur |
| 144 | Dr.M.Siva Sathya Narayana | | | |

Faculty Recharging Strategies:

| S.No. | Name of the faculty | Name of the workshop/STTP/FDP | Dates | Organized by |
|-------|---------------------------|---|----------------------------|---|
| 145 | Sri.B. Amarnath Naidu | ATAL Online Elementary FDP on Creating Innovation & Startups with Internet of Things (IOT) from June 07th -11th June 2021 | June 07th - 11th June 2021 | Institute of Technology & Management |
| 146 | Dr. G. Sreenivasa Reddy | “A FIVE DAY WORKSHOP ON EMERGING TRENDS 2.0” | 7th - 11th June 2021 | BIT Institute of Technology, Hindupur in association with HUD-DLE RISE ACADEMY BANGLORE |
| 147 | Dr. Nayeemuddin.M | A Five Day FDP on Recent Trends and Developments in Electrical Power Engineering | 21 - 25 June 2021 | Dept. of EEE, Chadalawada Ramanamma Engineering College, Tirupathi |
| 148 | Dr.M.Siva Sathya Narayana | Online Orientation Training Programme for Mentors (National Initiative for Technical Teachers Training) | 26 - 30 June 2021 | AICTE, New Delhi |
| 149 | Dr. V. Anantha Lakshmi | A Five day online FDP on "Inculcating Universal Human Values in Technical Education" | 28th June to 2 July 2021 | AICTE, New Delhi |
| 150 | Dr. N. Ravi Sankara Reddy | | | |
| 151 | Dr.Y.V.Siva Reddy | | | |

Faculty Publications-International Journals:

| S.No | Authors | Title | Journal | Vol & Year | ISSN, DOI, Impact factor |
|------|---|--|--|---|--------------------------|
| 1 | Rameswara Reddy. K.V,Dr. Nayeemuddin.M , Dr. S.Zahoor-ul-Haq , B.Thimma Reddy | Live Weather Report Using Internet of Things with Graphical Display | International Journal of Advanced Science and Technology | Vol. 29, No. 8s, August 2020, pp. 4689-4699 | ISSN:2394-2886 |
| 2 | Nithya Lavanya Sadhu, Bramhananda Reddy Teegala, Vijay Kumar Marapu | Constant and variable switching frequency random PWM strategies for open-end winding induction motor drive | Journal of Power Electronics | 7 September 2020 | ISSN:1598-2092 |
| 3 | K.Arun, G.Kishor | A High Output Y-Source Boost DC/DC Converter for Renewable Applications | International Journal of Engineering Research and Technology (IJERT) | Vol.9, Issue 09, September 2020 | ISSN:2278-2020 |

Faculty Publications-International Journals:

| S.No | Authors | Title | Journal | Vol & Year | ISSN, DOI, Impact factor |
|------|---|--|---|---|--|
| 4. | Gururaj Banda , Sri Gowri Kolli | An Intelligent Adaptive Neural Network Controller for a Direct Torque Controlled eCAR Propulsion System | World Electric Vehicle Journal | Vol.12, Issue.1, 44, pp.1-17, March 2021 | ISSN: 2032-6653 E-ISSN:2031-6653 https://doi.org/10.3390/wevj12010044 |
| 5 | Dr.Praveen Mannam ,Dr Y V Siva Reddy , Saritha-Manchireddy , Bibhu Prasad Ganthia,JayakumarN , Dr. Makarand Upadhyaya | Grid Tied PV with reduced THD using NN and PWM Techniques | Design Engineering | Issue: 5 Pages: 2019 – 2027,May/June 2021 | ISSN: 0011-9342 |
| 6 | P. Haripriya , Y.V. Siva Reddy , A. Sreenidhi , S. Sailaja | Role of ICT tool in Acquisition of Proficiency in English Language- A Case Study on Outcome of Using MePro Pearson Software Tool | Turkish Journal of Computer and Mathematics Education | Vol.12 No.10 ,pp.2830-2837 April /May 2021 | e-ISSN 1309-4653 DOI: https://doi.org/10.17762/turcomat.v12i10.4928 |
| 7 | Nayeemuddin.M, G.Venkata Subba Reddy, B.Amarnath Naidu | Space Vector based Hybrid Random Pwm for Two Level VSI Fed Induction Motor Drive | International Journal of Scientific Research & Engineering Trends | Volume 7, Issue 3, May-June-2021. | ISSN: 2395-566X |
| 8 | Dr B Urmila, Y Sai Indira Priyadarshini, V Sowmya Sree | Fuzzy Controller based Buck Boost and Cuk Converter fed BLDC Motor Drive | The International Journal of Analytical and Experimental Modal Analysis, IJAEMA | Volume XIII, Issue VI, pp.1261-1267,June 2021 | 0886-9367 |

Faculty Publications-International Conferences:

| | | | | | |
|---|--|---|---|---|-------------------|
| 1 | V. Padmaja and Dr. Y Siva Reddy | Design of a multilevel inverter on power system performance using interline power flow controller | International Conference on Multifunctional Materials (ICMM-2019) AIP Conf. Proc. 2269, | Volume- 2269, Issue - 1, pp. 030037-1–030037-6; 12 October 2020 | 978-0-7354-2032-8 |
| 2 | S.Anil Kumar, Dr.M.Siva Sathya Narayana, Dr.K.Jithendra Gowd | Application of TID controller in LFC of two area system under open market scenario | 2 nd International Conference on IOT Based Control Networks and Intelligent Systems (ICICNIS 2021), St.Joseph College of Engineering & Technology, Palai, Kerala, India. | PP.626 – 636, 28 -29 June 2021 | |

Faculty Publications-International Conferences:

| S.No | Authors | Title | Journal | Vol & Year | ISSN, DOI, Impact factor |
|------|--|---|--|----------------|--------------------------|
| 3 | S.L.V Sravan Kumar, N.Ravishankar Reddy,M.Vijay kumar | A Novel Discontinuous Input current Boost Fly back Converter for LED Applications | 2nd International Conference for Emerging Technology (INCET) Belgaum, India, organized by Jain College Of Engineering & Technology | May 21-23,2021 | 978-1-7281-7030-5 |

Academic prize winners:

| S.No | Roll No | Name | Prize | Cash Prize |
|------|------------|---------------------|--|------------|
| 1 | 189X1AO203 | B.SAI SREEJA | Topper Up to III B.Tech | Rs 1116/- |
| 2 | 209X5AO2C5 | MASARLA KIRAN REDDY | Highest aggregate marks in July 2021 (II B.Tech) University Examination with 9.41 CGPA | Rs 1116/- |

Student Achievements including IEEE SB Activities:

1. K. Rohith has secured the first prize in the graphic design contest hosted by Panimalar Institute of technology, Chennai on June, 2020.
2. P.Sai Kumar, Amaravathi Kaveri and U. Vinith Kumar have been participated and secured merit score in "E-Quizzard" a National level online quiz on Digital Electronics organized by Annamacharya institute of technology and sciences on 9/6/2020.
3. N.Vimala has secured merit position in the Group Discussion as a part of AHCWVC'20 with the theme "Protect your health leveraging advanced technology "on 6/10/2020.
4. S. Mustafa SammerHasan (179X1A0176) received L&T Build India Scholarship from IIT madras, Chennai.
5. Ms. C. Jaswanthi Yoga (169X1A0107) secured 3rd Rank in APPGECET 2020.
6. Mr L D Dheeraj Raj of IV CSE contributed as IEEE TEMS INDIA graphic designer.
7. **GPREC IEEE Student branch received Student Branch Partner Award during IEEE Region 10 Students Young Professionals Women in Engineering Life Members (SYWL) Virtual Congress 2020.**
8. **GPREC IEEE WIE Affinity Group received Outstanding WIE Affinity group student branch award**
9. M Sujitha of V EEE Participated in E-Quiz Series-1, 2020, HBS Dept., GPREC on 15-08-2020 got Certificate of Appreciation .
10. R Sai Jasvitha of V EEE Participated in E-Quiz Series-1, 2020, HBS Dept., GPREC on 16-08-2020 got Certificate of Appreciation

IEEE SB/WIE AG/PES students' Chapter activities:

| S.No | Event | Date | Participants | Winners |
|-------------------------------------|--|---|--------------|--|
| GPREC IEEE WIE AG (SBA15721) | | | | |
| 1 | IEEE-WIE-AG-Webinar on Self Motivation and how to build yourself being a girl | 4- 7- 2020 | 18 | -- |
| 2 | IEEE-WIE-AG-Webinar on "Role of Women in Nation building during post COVID crisis" by Dr.Nanditha Pathak | 4- 7- 2020 | 250 | |
| 3 | IEEE-WIE-AG-Webinar on Women in Social Entrepreneurship | 6- 7 - 2020 | 50 | -- |
| 4 | IEEE-WIE-AG-Article writing Competition on Women in Computing | 20-7 - 2020 | 10 | 1. G. Renu (GPREC) 2. Benedict Issac (College of Engineering Trivandrum) 3. P. Shruthi (GPREC) |
| 5 | Webinar on Cosmic Talks:- Space Research, space entrepreneurship, space career & leadership | 7-02-2021 | 40 | |
| 6 | Administrative meeting | 21-2-2021 | 10 | -- |
| 7 | Two Day Student Congress "ANOKHA 2.0 –Choose to Challenge" | 26 th and 27 th February 2021 | 324 | -- |
| 8 | International Womens day celebrations | 8-3-2021 | 350 | -- |
| 9 | Webinar on Women in Leadership | 12-3-2021 | 66 | -- |
| 10 | Guest Lecture on Gender sensitization | 18-2-2021 | 75 | -- |
| 11 | Coding contest ' WECODE" | 21-4-2021 | 180 | |
| 12 | Technical Quiz on electrical circuits and machines | 22-4-2021 | 83 | 1.Gurram Bharath Chandra 199X1A0241 DASARI SUNIL 199X1A0235 3.Devalapuram Mohan 199x1a0236 4.Sunkesula Preethi 199X1A0273 MalluRamanaReddy 199X1A0288 P.Teja 199X1A0295 VULASALA MUNI SEKHA 199X1A02A9 YedulaRanganath Reddy 199X1A02B2 Jagadeesh 209X5A02B8 |
| 13 | Awareness on IEEE WIE AG | 26-4-2021 | 20 | |
| 14 | DL onDL on Power Electronics for Precision Farming with Substantiable and Cleaner Environment | 22-5-2021 | 46 | |
| 15 | Webinar on Benefits of WIE AG | 30-5-2021 | 68 | -- |
| 16 | Webinar on "Digital Safety in The Information Age | 04-06-2021 | 104 | -- |

IEEE SB/WIE AG/PES students' Chapter activities:

| S.No | Event | Date | Participants | Winners |
|--|---|-------------------------|--------------|---|
| 17 | INSCAPE- The crown of Creation on Article writing | 17-06-2021 | 36 | 199X1A0278 -Vaishnavi.K (II EEE) 189X1A0166 - R. Navya Raga (III CIV) |
| 18 | INSCAPE- The crown of Creation on Painting Competition | 17-06-2021 | 36 | L. Vamsi Krishna - 209X1A0599 2. G N Sowgandhi - 209X1A05B0 |
| 19 | Webinar on Glass Ceiling- Carrer Barriers in the life of high achieving Women | 28-6-2021 | 41 | -- |
| 20 | Webinar on Glass Ceiling- Carrer Guidance and Scholarships for Women Engineers | 28-6-2021 | 41 | -- |
| GPREC-IEEE-ITSOC Society SBC 15721D | | | | |
| 21 | Webinar On Fundamentals Of Data Science | 09-06-2020 | 12 | Nil |
| 22 | Coding Challenge -IOT Arduino Programming | 10-07-2020 | 12 | Nil |
| 23 | Research Developments In VLSI Design & Its Research Trends | 30-08-2020 TO03-09-2020 | 5 | Participation Certificates |
| 24 | Talk on India's Freedom Struggle (Azadika Amrut Mohostav) | 12-03-2021 | 3 | Nil |
| 25 | Quiz On Basic Electronics | 22-04-2021 | 6 | Merit Certificates |
| 26 | Webinar on Deep Dive Into IT Society | 27-04-2021 | 5 | Nil |
| 27 | Webinar On Deep Learning In Image & Computer Vision | 08-05-2021 | 5 | Nil |
| 28 | Presentation on IOT & Its Industrial Applications | 19-05-2021 | 6 | Merit Certificates |
| 29 | Quiz On IEEE Awareness | 23-05-2021 | 5 | Nil |
| 30 | Quiz on digital circuits | 30-05-2021 | 6 | Merit Certificates |
| 31 | Webinar on Introduction to IoT - phase1 | 05-06-2021 | 6 | Participation Certificates |
| 32 | Webinar on IoT& its Industrialization Across the planet- phase2 | 20-06-2021 | 5 | Nil |
| GPREC-IEEE-PELS SBC 15721F | | | | |
| 33 | An informative quiz on Electrical and Electrical symbols. | 25 May,2020 | 75 | |
| 34 | A webinar on Career Opportunities for Electrical Engineering Graduates. | 7 June,2020 | 108 | |
| 35 | A webinar on Project Explanation | 21 June,2020 | 28 | |
| 36 | A webinar on Importance of Power Electronics and significance IEEE Power Electronics. | 31 May,2021 | 75 | |
| 37 | An Informative quiz on scientists and their invention. 'Innovators and Inventions' | 16 June,2021 | 73 | |

IEEE SB/WIE AG/PES students' Chapter activities:

| S.No | Event | Date | Participants | Winners |
|---|--|-------------------------|--------------|---------|
| GPREC-IEEE-PES/IAS/PELS SBC 15721A | | | | |
| 38 | Webinar on Project Explanation | 21-07-2021 | 28 | |
| 39 | QUIZ (on Electrical and Electronics Symbols) | 24-07-2021 | 72 | |
| 40 | Webinar "Industrial and Process Automation" | 10/8/2020 to 14/08/2020 | 40 | |
| 41 | Webinar on "Role of Automation in Industry" | 24-10-2020 | 35 | |
| 42 | Descriptive Quiz – Pick One's Brain | 29-05-2021 | 23 | |
| 43 | "Apparatus Arena" | 31-05-2021 | 103 | |
| 44 | Webinar on Significance of Power & Energy Society - Exposition of viable ideas | 02-06-2021 | 52 | |
| 45 | Webinar on "Innovation and Entrepreneurship" by Prof K Nagabhusanam Raju, Director, for Centre for Skill Development, Entrepreneurship & Incubation cell at Sri Krishna devaraya University, | 29-06-2021 | 96 | |
| GPREC-IEEE-RAS SBC 15721F | | | | |
| 46 | A webinar on DBMS using SQL *Plus for the beginners | 8- 7- 2020 | 40 | |
| 47 | A webinar on RDBMS need of Data base | 9- 7- 2020 | 35 | |
| 48 | A webinar on Understanding SQL | 10- 7 - 2020 | 39 | |
| 49 | A webinar on ROBOTIC VERSE | 23-6 - 2021 | 49 | |
| GPREC-IEEE-COMPUTER SOCIETY SBC 15721C | | | | |
| 50 | Technical debate on "Opportunities in Data Science" | 17.04.2021 | 37 | |
| 51 | online Technical Quiz on "Python" | 24.04.2021 | 68 | |
| 52 | Technical Logo Quiz | 28.04.2021 | 100 | |
| 53 | online Quiz on "Verbal Ability and Aptitude" | 01.05.2021 | 95 | |
| 54 | online Technical Quiz on "Fact Hunt of Computers" | 20.05.2021 | 56 | |
| 55 | Webinar on "Python Programming and Applications" | 05.06.2021 | 48 | |
| 56 | Webinar on "What after Engineering" | 18.06.2021 | - | |

IEEE SB/WIE AG/PES students' Chapter activities:

| S.No | Event | Date | Participants | Winners |
|---|---|---|--------------|-----------------------------|
| GPREC-IEEE-MTT Society SBC 15721B | | | | |
| 57 | A Webinar on Antenna Design and Integration for Industrial IOT applications | 28th May 2021 | 18 | |
| 58 | A presentation on RF Kit & Network analyzer | 15th May 2021 | 20 | |
| 59 | A discussion on general issues in Antennas | 25th April 2021 | 15 | |
| 60 | A group discussion on Antennas | 10th April 2021 | 20 | |
| 61 | Executive committee meeting | 17th March 2021 | 06 | |
| 62 | IEEE MTTs Society of IEEE GPREC SB webinar series on "R- Programming Language and Analytics" | 14th July 2020 to 18th July 2020 | 40 | |
| 63 | Committee meeting | 2nd July 2020 | 6 | |
| GPREC-IEEE-COMSOC Society SBC 15721B | | | | |
| 64 | Webinar on "Introduction to Machine learning" | 01.07.2020 | 59 | |
| 65 | Technical Event "Circuit solving" | 31.07.2020 | 24 | |
| 66 | Technical quiz on "Digital Electronics" | 11.12.2020 | 30 | |
| 67 | An Awareness program on Benefits of IEEE Membership | 24.01.2021 | 180 | |
| 68 | A Technical Quiz on "Microwave Engineering" | 15.02.2021 | 32 | |
| 69 | An online Technical Quiz on "Wireless Communications" | 26.04.2021 | 28 | |
| 70 | An online Webinar on "Pandemic Challenges and opportunities" | 17.05.2021 | 66 | |
| 71 | An online QUESTIONNAIRE "RAPID COLLOQUIUM" | 29.05.2021 | 28 | |
| 72 | An online Technical Quiz on "Basic Electronics" | 30.06.2021 | 59 | |
| GPREC-IEEE-PELS EVENT LIST | | | | |
| S.No | Name of the event | Name of the Speaker | Date | Number of students enrolled |
| 1 | A quiz competition on the topic "Electrical and Electronics Symbols" | ————— | 24-07-2020 | 72 |
| 2 | Distinguished Lecture Program on "Power Electronics for Precision Farming with Substantiable and Cleaner Environment" | Dr. Brij N. Singh is a Technical Fellow - Power Electronics Engineering in John Deere Inc., | 22-05-2021 | 46 |
| 3 | A webinar on Importance of Power Electronics and significance IEEE Power Electronics. | Dr.C.Harinath Reddy, Associate Professor,EEE Dept. | 31 May,2021 | 75 |
| 4 | An Informative quiz on scientists and their invention. 'Innovators and Inventions' | ————— | 16 June,2021 | 73 |

IE (India): EEE Students' chapter Activities:

| S. NO | Date | Name of the Event | Headed by | No. of Participants |
|-------|------------|---|--|---------------------|
| 1 | 04-03-2021 | Entrepreneurship: A Startup from Innovation I B.Tech CSE-C section | Mr Amit, CEO of Savoury Minds | 66 |
| 2 | 04-03-2021 | Entrepreneurship: A Startup from Innovation I Sem B.Tech CST section | Mr Amit, CEO of Savoury Minds | 64 |
| 3 | 30-03-2021 | IEI Students' Chapter Priorities and Responsibilities IV Sem B.Tech EEE-B section | Dr B Urmila | 67 |
| 4 | 06-04-2021 | Jal Jeevan Mission IV Sem B.Tech EEE-B section | Dr B Urmila | 62 |
| 5 | 15-04-2021 | IEI Students' Chapter Priorities and Responsibilities II Sem B.Tech EEE-A section | Dr B Urmila | 64 |
| 6 | 15-04-2021 | IEI Students' Chapter Priorities and Responsibilities II Sem B.Tech EEE-B section | Dr B Urmila | 64 |
| 7 | 19-04-2021 | IEI Students' Chapter Priorities and Responsibilities IV Sem B.Tech EEE-A section | Dr B Urmila | 69 |
| 8 | 20-04-2021 | Higher Education & Job Opportunities II Sem B.Tech EEE | Dr B Urmila | 92 |
| 9 | 20-04-2021 | Higher Education & Job Opportunities IV Sem B.Tech EEE-B section | Dr B Urmila | 59 |
| 10 | 26-04-2021 | Higher Education & Job Opportunities IV Sem B.Tech EEE-A section | Dr B Urmila | 56 |
| 11 | 27-04-2021 | Covid 19: Precautions, Team Work II Sem B.Tech EEE | Dr B Urmila | 72 |
| 12 | 27-04-2021 | Covid 19: Precautions, Team Work IV Sem B.Tech EEE-B section | Dr B Urmila | 46 |
| 13 | 03-05-2021 | Covid 19: Precautions, Team Work IV Sem B.Tech EEE-A section | Dr B Urmila | 49 |
| 14 | 04-05-2021 | Photo Editing Skills IV Sem B.Tech EEE-B section | A. Ashrith Joel and Yogesh, IV Sem EEE-B | 44 |
| 15 | 10-05-2021 | Photo Editing Skills IV Sem B.Tech EEE-A section | A. Jaswant and R Bharath, IV Sem EEE-A | 45 |
| 16 | 22-05-2021 | Career & Life: USA I, II, Year B.Tech EEE, ME, ECE, CE | Vikram Aditya Kamma, R & A Automation Engineer, Florida, USA | 103 |
| 17 | 17-05-2021 | Photography Contest IV Sem EEE students | Dr B Urmila | 15 |
| 18 | 18-05-2021 | Pencil Drawing Contest IV Sem EEE students | Dr B Urmila | 24 |
| 19 | 19-05-2021 | Reels Contest IV Sem EEE students | Dr B Urmila | 22 |

IE (India): EEE Students' chapter Activities:

| S. NO | Date | Name of the Event | Headed by | No. of Participants |
|-------|------------|--|---|---------------------|
| 20 | 26-05-2021 | Career Buildup & It's Requirements II Sem EEE | Sireesha, Preethi and Radhik Sanju of IV Sem EEE | 47 |
| 21 | 29-05-2021 | Social Media Awareness II Sem EEE | Jaswanth, Pavan, Poojya Yashaswini, Pushpa, Tejasree of IV Sem EEE | 50 |
| 22 | 31-05-2021 | Career Guidance II Sem EEE | Kiran, Bharath, Chandra Sekhar, Chandra Sekhar Reddy, Sai Charan of IV Sem EEE | 25 |
| 23 | 03-06-2021 | Career Guidance II Sem EEE | Jaswanth, Pavan, Poojya Yashaswini, Pushpa, Tejasree of IV Sem EEE | 15 |
| 24 | 05-06-2021 | GRE Prep II Sem EEE | Gayathri of IV Sem EEE | 20 |
| 25 | 05-06-2021 | How to Improve Communication Skills II Sem EEE | Mopuri Preethi of IV Sem EEE | 18 |
| 26 | 07-06-2021 | Tell about Me II Sem of all branches | CV Lasya Sree, B Manasa of IV Sem EEE | 34 |
| 27 | 08-06-2021 | Clan's Converse from II Sem of all branches | M V Nandini, P Meghana, K Jisita of IV Sem EEE | 43 |
| 28 | 09-06-2021 | Cook Your Story II Sem of all branches | A Joel Ashrith, K Vaishnavi, DVVS Jaswanth of IV Sem EEE | 49 |
| 29 | 09-06-2021 | Hacking II Sem EEE | Bharath, Bhuvana, Sujitha, Vasavi, Sravani of IV Sem EEE | 30 |
| 30 | 10-06-2021 | Tell about Me II Sem of all branches | CV Lasya Sree, B Manasa of IV Sem EEE | 15 |
| 31 | 11-06-2021 | Clan's Converse II Sem of all branches | M V Nandini, P Meghana, K Jisita of IV Sem EEE | 43 |
| 32 | 12-06-2021 | GATE Preparation, Jobs and Higher Education with IV, II Sem EEE | G Viswa Teja, IOCL, Mumbai , coordinated by Yashaswini, Tejasree of IV Sem EEE | 26 |
| 33 | 12-06-2021 | Cook Your Story II Sem of all branches | A Joel Ashrith, K Vaishnavi, DVVS Jaswanth of IV Sem EEE | 49 |
| 34 | 13-06-2021 | Cognitive Tour II Sem of all branches | A Jaswanth, M.Pranathi of IV Sem EEE | 41 |
| 35 | 14-06-2021 | Cognitive Tour II Sem of all branch | A Jaswanth, M.Pranathi of IV Sem EEE | 41 |
| 36 | 07-07-2021 | Air Pollution as a need of hour in Pandemic Time IV Sem EEE | Mohan of IV Sem EEE | 25 |
| 37 | 10-07-2021 | Iffat Khan's Session on Break-free Entrepreneurship, TEDx Speaker, Author, Philanthropist students of all branches | Iffat Khan's Session M Poojya Yashashwini, P Pushpalatha of IV Sem EEE | 103 |

| S. NO | Date | Name of the Event | Headed by | No. of Participants |
|-------|------------|---|---|---------------------|
| 38 | 14-07-2021 | Balanced Diet, Meditation, and Yoga students of II Sem EEE | Gayathree, Chenna Keshava Reddy, Anand Raj, Likhitha of IV Sem EEE | 25 |
| 39 | 18-07-2021 | Interaction with Sheetal Agarwal Founder of Clownselors, TEDx Speaker students of all branches | Sheetal Agarwal M Poojya Yashashwini, P Pushpalatha of IV Sem EEE and Dr B Urmila | 103 |
| 40 | 20-07-2021 | Abhishek Singh, IAS, Amateur Actor, Honorary Advisor to BRICS CCI Students of all branches | M Poojya Yashashwini, P Pushpalatha of IV Sem EEE and Dr B Urmila Associate Professor, EEE Dept., | 138 |
| 41 | 25-07-2021 | Mr Saify Saraiya, Founder of Zero Violation of Mind World Forum and the Author of Zero Medicine Wisdom Students of all branches | Mr Saify Saraiya M Poojya Yashashwini, P Pushpalatha of IV Sem EEE and Dr B Urmila | 114 |

IEEE SB/WIE AG/PES students' Chapter activities:

Internship Programmes:

| S No | Roll No | Name | Company | Start Date | End Date |
|------|------------|------------------------------|---------------------|------------|-----------|
| 1 | 179X1A0215 | KOLLA SUSMANJALI | Cognizant | 2/16/2021 | 6/4/2021 |
| 2 | 179X1A0244 | KANIKE SRINIDHI | Cognizant | 2/16/2021 | 6/24/2021 |
| 3 | 179X1A0259 | MARAKA SUSHMA | Cognizant | 2/16/2021 | 6/11/2021 |
| 4 | 179X1A0270 | MAMIDI OOHA JYOTHI | Cognizant | 2/16/2021 | 6/11/2021 |
| 5 | 179X1A0276 | POLAGGARI VENKATASESHI REDDY | Cognizant | 2/16/2021 | 6/30/2021 |
| 6 | 179X1A0280 | SAREDDY VEDANTHA KUMAR REDDY | Cognizant | 2/16/2021 | 6/4/2021 |
| 7 | 179X1A0289 | SHAIK KAREEMA ASHMIN | Cognizant | 2/16/2021 | 6/4/2021 |
| 8 | 179X1A02A8 | VUNDELA SIVA RAMI REDDY | Cognizant | 2/16/2021 | 6/4/2021 |
| 9 | 179X1A02A9 | YEDDULAMALA SINDHUJA | Cognizant | 2/16/2021 | 6/30/2021 |
| 10 | 169X1A0253 | MOTHE INDU | DXC | 3/18/2021 | 6/2/2021 |
| 11 | 179X1A0233 | JOGINI KEERTHANA | DXC | 3/18/2021 | 6/11/2021 |
| 12 | 179X1A0240 | GOLLA DEEPA | DXC | 3/18/2021 | 6/15/2021 |
| 13 | 179X1A0285 | UPPARI GAYITHRI | DXC | 3/18/2021 | 6/4/2021 |
| 14 | 179X1A02A1 | DANDE SRI DEVI | DXC | 3/18/2021 | 6/15/2021 |
| 15 | 179X1A0239 | GOGULA SAI SAMYUKTHA | M/S Creative Groups | 4/1/2021 | 6/25/2021 |
| 16 | 179X1A0245 | KAYAPATI ASHOK | M/S Creative Groups | 4/1/2021 | 6/25/2021 |
| 17 | 179X1A0290 | SHAIK SHASHAVALI | M/S Creative Groups | 4/1/2021 | 6/25/2021 |
| 18 | 189X5A02D6 | YAMMANURU THANUJA | M/S Creative Groups | 4/1/2021 | 6/25/2021 |

Students' participation in workshops:

| S.No. | Student Name | Year/Sem | Event Name | Date Participated |
|------------------------------------|----------------------|----------|------------|--------------------------|
| Workshops @ GPREC 2020-2021 | | | | |
| 1 | A.Vandana | I EEE | ANOKHA 2.o | 26-05-2021 to 27-05-2021 |
| 2 | M.Jithin Kumar Reddy | I EEE | ANOKHA 2.o | 26-05-2021 to 27-05-2021 |
| 3 | C.V.Lasya Sree | I EEE | ANOKHA 2.o | 26-05-2021 to 27-05-2021 |
| 4 | K.Vasudha | I EEE | ANOKHA 2.o | 26-05-2021 to 27-05-2021 |
| 5 | K.Jisita | I EEE | ANOKHA 2.o | 26-05-2021 to 27-05-2021 |
| 6 | B.Manasa | I EEE | ANOKHA 2.o | 26-05-2021 to 27-05-2021 |
| 7 | G.Ravali | I EEE | ANOKHA 2.o | 26-05-2021 to 27-05-2021 |
| 8 | B.Renukha | I EEE | ANOKHA 2.o | 26-05-2021 to 27-05-2021 |
| 9 | G.Thanuja | I EEE | ANOKHA 2.o | 26-05-2021 to 27-05-2021 |
| 10 | A.Jashwanth | I EEE | ANOKHA 2.o | 26-05-2021 to 27-05-2021 |
| 11 | B.Kiran Kumar | I EEE | ANOKHA 2.o | 26-05-2021 to 27-05-2021 |
| 12 | A.Joel Asahrith | I EEE | ANOKHA 2.o | 26-05-2021 to 27-05-2021 |
| 13 | B.Harika | I EEE | ANOKHA 2.o | 26-05-2021 to 27-05-2021 |
| 14 | G.Varshitha | I EEE | ANOKHA 2.o | 26-05-2021 to 27-05-2021 |
| 15 | C.Sowmya | I EEE | ANOKHA 2.o | 26-05-2021 to 27-05-2021 |
| 16 | Juveria | I EEE | ANOKHA 2.o | 26-05-2021 to 27-05-2021 |
| 17 | A.Uday Simha | I EEE | ANOKHA 2.o | 26-05-2021 to 27-05-2021 |
| 18 | G.Pavan Kumar | I EEE | ANOKHA 2.o | 26-05-2021 to 27-05-2021 |
| 19 | R.Omkareshwar Reddy | I EEE | ANOKHA 2.o | 26-05-2021 to 27-05-2021 |
| 20 | B.Sindhu Srivalli | I EEE | ANOKHA 2.o | 26-05-2021 to 27-05-2021 |
| 21 | D.Kavya Sree | I EEE | ANOKHA 2.o | 26-05-2021 to 27-05-2021 |
| 22 | A.Sangeetha | I EEE | ANOKHA 2.o | 26-05-2021 to 27-05-2021 |
| 23 | A.Anjali | I EEE | ANOKHA 2.o | 26-05-2021 to 27-05-2021 |
| 24 | C.Haritha | I EEE | ANOKHA 2.o | 26-05-2021 to 27-05-2021 |
| 25 | D.Gulshan | I EEE | ANOKHA 2.o | 26-05-2021 to 27-05-2021 |
| 26 | A.V. Giridhar Teja | I EEE | ANOKHA 2.o | 26-05-2021 to 27-05-2021 |
| 27 | M.Rakshitha | I EEE | ANOKHA 2.o | 26-05-2021 to 27-05-2021 |
| 28 | M.Preethi | I EEE | ANOKHA 2.o | 26-05-2021 to 27-05-2021 |
| 29 | P.Teja | I EEE | ANOKHA 2.o | 26-05-2021 to 27-05-2021 |
| 30 | M.Rajeev Reddy | I EEE | ANOKHA 2.o | 26-05-2021 to 27-05-2021 |
| 31 | P.Tejasri | I EEE | ANOKHA 2.o | 26-05-2021 to 27-05-2021 |
| 32 | R.Sai Jasvitha | I EEE | ANOKHA 2.o | 26-05-2021 to 27-05-2021 |
| 33 | V.D Hima Varsha | I EEE | ANOKHA 2.o | 26-05-2021 to 27-05-2021 |
| 34 | S.Preethi | I EEE | ANOKHA 2.o | 26-05-2021 to 27-05-2021 |
| 35 | P.Pushpalatha | I EEE | ANOKHA 2.o | 26-05-2021 to 27-05-2021 |
| 36 | K.Vaishnavi | I EEE | ANOKHA 2.o | 26-05-2021 to 27-05-2021 |

Students' participation in workshops:

| S.No. | Student Name | Year/Sem | Event Name | Date Participated |
|------------------------------------|----------------------|----------|------------|--------------------------|
| Workshops @ GPREC 2020-2021 | | | | |
| 37 | Shaik Ayesha | I EEE | ANOKHA 2.o | 26-05-2021 to 27-05-2021 |
| 38 | M.Sai Pranathi | | | |
| 39 | V.Venkata Siva Kumar | | | |
| 40 | V.Saugeetha | | | |
| 41 | V.Manoj | | | |
| 42 | S.Altaf Sufiyan | | | |
| 43 | V.Mukkanna | | | |
| 44 | Shaik Arbab | | | |
| 45 | Y.Tejahwini | | | |
| 46 | R.Bharath | | | |
| 47 | V.Snigdha | | | |
| 48 | M.Poojya Yashashwini | | | |
| 49 | V.Supraja | | | |
| 50 | SMD Abulla | | | |
| 51 | M.V. Nandini Bhai | | | |

Placement Details-2020-21

| S.No | Name of Company | No. Of students selected |
|--------------|-----------------------------|--------------------------|
| 1 | TCS | 07 |
| 2 | MEDHA SERVO DRIVES | 01 |
| 3 | TRANS RAIL LIGHTING LIMITED | 01 |
| 4 | M/s CREATIVE GROUPS | 01 |
| 5 | WIPRO | 11 |
| 6 | FACE | 01 |
| 7 | MEIL | 01 |
| 8 | DXC | 08 |
| 9 | CTS | 20 |
| 10 | INFOSYS | 09 |
| 11 | HEXAWARE TECHNOLOGIES | 01 |
| 12 | CAP GEMINI | 01 |
| 13 | JAI RAJ STEEL | 02 |
| 14 | NVIERA | 01 |
| 15 | ALAMANCE IT SOLUTIONS | 01 |
| Total | | 67 |

IE (India): EEE Students' chapter Activities:

Sub: Report on event conducted “Entrepreneurship: A Startup from Innovation”

Name of the Event/Activity : **Entrepreneurship: A Startup from Innovation**

Date : **04-03-2021**

Time : **11.30 AM to 12.30 PM**

Objective : The main objective of this event is to provide awareness on how an innovation leads to a Startup for the students of I year under graduates of CSE-C section at G. Pulla Reddy Engineering College, Kurnool.

Target Audience: The target audience is I year under graduates CSE-C section at G.Pulla Reddy Engineering College, Kurnool.

Event details/description: As a part of IE(I) activity, organized an invited talk-offline for the benefit of the student community. In this context, Mr. B Y Amith Kumar, Young Entrepreneur of India 2019 Awardee, Chief Associate Member of NCDRC, NCSSS (National Cyber Securities), Founder and Chairman of Savory Minds (IT COMPANY), Managing Director of CENTER FOR EXCELLENCE was invited as Chief Guest and delivered a talk on “**Entrepreneurship: A Startup from Innovation**” in which he discussed about how an innovation leads to a Startup in India. He delivered the talk to motivate the students towards contributions to innovation.

Outcome: At the end of the event the students will be able to know about the importance of innovation in our day-to-day life and the contributions to the society.

No of participants: A total of 66 students participated in this event.

Snapshot of the activity:



IE (India): EEE Students' chapter Activities:

Sub: Report on event conducted “Recent Innovations”

Name of the Event/Activity : “Recent Innovations”

Date : 22-04-2021

Time : 4.30 PM to 6 PM

Objective : The main objective of this event is to provide awareness on how each student gets benefitted with IE(I) Students' Chapter forum at G. Pulla Reddy Engineering College, Kurnool.

Target Audience : The target audience is II Sem EEE-A & B section under graduates at G.Pulla Reddy Engineering College, Kurnool.

Event details/description: As a part of IE(I) activity, organized a virtual presentations cum discussion on “Recent Innovations”. In this context, R Sai Jaswitha- Cloud Computing, A Jaswanth- Crypto currency, Bhuvana- Higher Education presented. Participants actively interacted with many questions and got clarifications.

Outcome: At the end of the event the students had come to know about the few new innovations.

No of participants: A total of 85 students participated in this event.

Snapshot of the activity:



SUB: REPORT on Distinguished Lecture Program REG:

Name of the event: Distinguished Lecture Program on “Power Electronics for Precision Farming with Substantiable and Cleaner Environment”

Date: 22-05-2021

Time: 7:30 AM to 10:00PM

Venue: Google Meet

Objective: The main objective of this DL program is to create awareness on how power electronics supports crop-care system starting from tillage to crop harvesting for Faculty and B.Tech under graduate students of G.Pulla Reddy Engineering College, Kurnool and in and around colleges of Ananthapuram Zone.

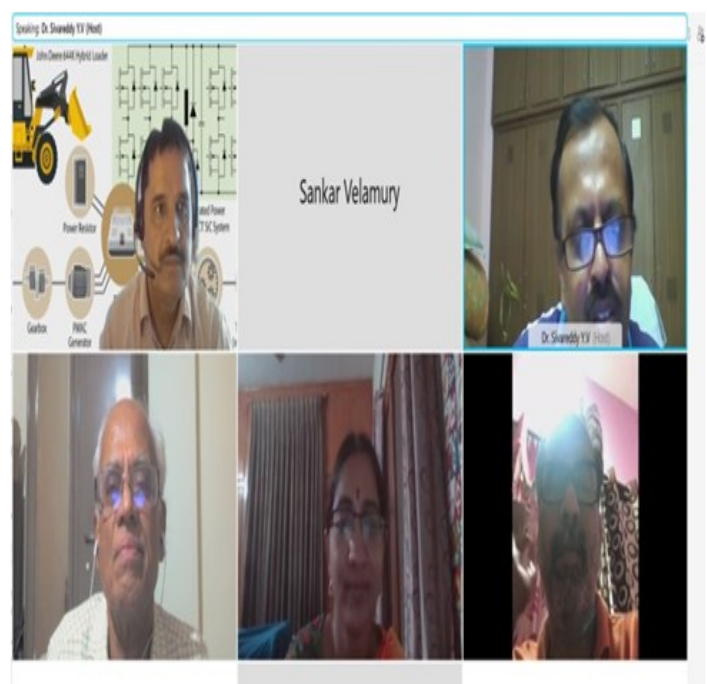
Target Audience: Faculty and B.Tech under graduate students of G.Pulla Reddy Engineering College, Kurnool and in & around colleges of Ananthapuram Zone.

Event details: As a part of IEEE activity GPREC IEEE WIE AG organized a **Distinguished Lecture Program on “Power Electronics for Precision Farming with Substantiable and Cleaner Environment** for Faculty and B.Tech under graduate students of G.Pulla Reddy Engineering College, Kurnool and in and around colleges of Ananthapuram Zone. The speaker for the event is **Dr. Brij N. Singh is a Technical Fellow - Power Electronics Engineering in John Deere Inc., USA**. In this lecture he discussed a broad review of vehicles for farming operation starting from tillage to crop harvesting. Vehicle that has significant use of power electronics is covered such as Exact Emerge Planter for seeding operation. He also explained how power electronics supports crop-care system to exactly apply prescription such as fertilizers, pesticides, fungicide, etc. This talk covered how vehicle electrification enables many functions, forms, and features in off- and on-highway vehicles that were not cost- and space-effective possible without SiC and GaN devices.

Outcome: At the end of the event the faculty and students came to know that power electronics professionals could enable increased productivity so that by 2050 over 9.5 billion could have food, shelter, and an efficient transportation system.

No.of participants: 46

IEEE GPREC SB, WIE-AG in association with IEEE Anantapuramu Sub-Section presents
IEEE PELS DISTINGUISHED LECTURE PROGRAM
Power Electronics for Precision Farming with Sustainable and Cleaner Environment
Dr. Brij N. Singh
John Deere Technical Fellow,
Power Electronics Engineering, USA
Register at: <https://bit.ly/3vZJ5B5>
22nd May, 2021 7:30 PM-9:00 PM
IEEE GPREC SB www.gprecieestb.in



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Dr. Sivareddy Y.V. Host, me Dr. ANANTHA LAKSHMI V... Sankar Velamury Yeramareddy Siva Reddy

Viewing Brij Singh's screen

Power Electronics for Precision Farming with Sustainable and Cleaner Environment

JOHN DEERE

Brij N. Singh, Ph.D.
John Deere Technical Fellow
R4 Manager External Relationships
John Deere Intelligent Solutions Group

May 18, 2021

Participants (36)

Panelist: 7

- Dr. Sivareddy Y.V. Host, me
- Brij Singh
- Dr. C. Harinatha Reddy Chennam
- Dr. ANANTHA LAKSHMI VUYURU
- R BALASUBRAMANIAN
- Sankar Velamury
- Yeramareddy Siva Reddy

Attendee: 29 (0 displayed)

Unmute Start video Share Record

8:13 PM 5/22/2021

IEEE GPREC SB WOMEN IN ENGINEERING-Affinity Group presents a WEBINAR on "WOMEN IN SOCIAL ENTREPRENEURSHIP"

Dr. Ashwini Appaji M

Chair, IEEE YP (2020).
Secretary, IEEE WIE (2019).
Chair Elect, IEEE YP (2019).
Secretary, IEEE YP (2018).
Bangalore Section.

06/07/2020 | 11:00 AM-12:00PM (IST)

http://bit.ly/webinar_wie

Contact us:
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G. Pulla Reddy Engineering College (Autonomous): Kurnool



Course offered

UG Programmes:

- | | |
|--|-------|
| 1. Civil Engineering | : 120 |
| 2. Computer Science Engineering | : 180 |
| 3. Electronics & Communication Engineering | : 180 |
| 4. Electrical & Electronics Engineering | : 120 |
| 5. Mechanical Engineering | : 180 |
| 6. Computer Science and Technology | : 60 |
| 7. Computer Science and Business Systems | : 60 |

Course offered

PG Programmes:

- | | |
|-----------------------------------|------|
| 1. Structural Engg)(Civil Engg) | : 18 |
| 2. CSE (Computer Science Engg) | : 18 |
| 3. VLSI & Embedded Systems (ECE): | 18 |

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