



Bapatla Engineering College

AUTONOMOUS BY ACHARYA NAGARJUNA UNIVERSITY

Sponsored By Bapatla Educational Society

SAMVEDAN

A NEWSLETTER OF APRIL - JUNE VOLUME-VI ISSUE-IV,2024

Editor's message, It is a matter of pride as well as pleasure to present before our readers the College Newsletter Samvedan, 2023. We feel honoured for the faith reposed in us for performing the role of editors of college Newsletter. We have put whole-hearted endeavours to give a complete and kaleidoscopic view of laudable achievements of different departments of our college. Through further issues, we do hope that we will come up to the expectations of our readers. Your constructive suggestions are always solicited. We welcome your valuable comments which may be mailed at

Editorial Board

Editor in Chief

Dr Nazeer Shaik, Principal

Prime Editor

Dr P. Asha Madhavi
Department of English

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Dr G. Ravi Kumar, Asst Prof/ English
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Mrs. N. Naga Swathi, Asst Prof/ECE
Dr P. Ramesh, Asso Prof/EEE
Prof. D. Niranjana Babu / EIE
Mrs P. Surekha, Assistant Prof/IT
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Physics
Mr Y. Yatheesh Babu/Librarian

Student Coordinators

M. Akhil Srinivas / IV EEE CCA
P. Netaji/ IV MECH AWAAZ

DESIGNED BY

Mr Dadi Bhanuteja

INTERNATIONAL YOGA DAY



Events organized bt Departments

Department of Civil Engineering



The poster features logos for APAC, NBA, and ISO at the top. The text reads: **Bapatla Engineering College:: Bapatla**, Department of Civil Engineering, Organizing a Webinar on **“Occupational Health Hazards and Safety in Building Construction Industry”**. The Resource Person is **Dr. T. Usha Madhuri**, Associate Professor, Dept. of Civil Engineering, Andhra University, Visakhapatnam. The session is online via Google Meet on 02-05-2024 (Thursday) @ 09.00AM – 10.30AM. Patrons include Dr. T. Chandrasekhar Rao (HOD), Dr. Ch. N. Satish Kumar (Dean-Academics), and Dr. Nazeer Shaik (Principal). Coordinators are Dr. Ch. Maruthi Devi (Professor) and Sri T. Chiranjeevi (Asst. Professor).

A Guest Lecture on **“Occupational Health Hazards and Safety in Building Construction Industry”** delivered by Dr T. Usha Madhuri, Associate Professor, Andhra University on 2nd May, 2024.



A Guest Lecture on **“Usage of advanced technologies in water treatment”** by T. Pushparaj Gandhi, PMRF Scholar from IIT Tirupati on 20th April, 2024

Department of ECE



‘ANVESHAN’ – A biannual News Letter was launched on 30th April, 24

Department of EEE



One Week Short Term Training Program (Hybrid Mode) on "AI Techniques in Electrical Systems" was conducted during 15th - 19th April, 2024.



Capgemini and Cyient delegates visit to EV Centre Of Excellence lab on 3rd April, 2024



Felicitation to our trainees on successful completion of Autoelectronics program on 19th April, 2024



A three day workshop on “Research Report and Article writing using LaTeX software” from 10th – 12th April, 2024

Department of Mechanical Engineering



Felicitation to Sr. Technician Mr Y. Lalitham, on his retirement from the services on 30th June, 2024

Department of English



International Webinar was organized in collaboration with ELT@I Guntur Chapter on “Read Your Way: Embracing a Lifelong Learning” delivered by Dr Justin James from University of Technology and Applied Sciences, Sultanate of Oman during the celebration of the World Book Day on 23rd April, 2024

Faculty Achievements

- K. Arun Babu, Assistant Professor from the Department of CSE, has published a paper on **Forecasting Big Mart Sales Using Machine Learning** in JETIR Journal in April 2024.
- Srikanth Nalluri, Assistant Professor from the Department of CSE, has filed and published the patent entitled **Early Detection and Classification of Lung Cancer in CT Images Using Machine Learning** in May, 2024.
- K. Arun Babu, Assistant Professor from the Department of CSE, has published a paper on **Detecting Fraudulent Google Play Store Apps Using Decision Tree Analysis** in JETIR Journal in April 2024.
- Kumararaja Jetti, Assistant Professor from the Department of CSE, has completed NPTEL online certification on **Programming on JAVA** organized by Elite in association with IIT Kharagpur.
- Dr Krishnaiah Boyana, Dr Venkateswara Rao Gurralla , Dr B. Kumar Babu have presented a paper with the Title **“Implementation of EPSORR Technique for Efficient Data Transmission in Ad Hoc Networks on Artificial Intelligence and Computing(ICAAC-2024)** IEEE Xplore Part Number: CFP24BC3-ART ISBN: 979-8-3503-7519-0.
- Dr T. Chandra Sekhar Rao, Professor & Head of the Department of Civil Engineering, has got approval for presentation of a paper on **Performance evaluation of geopolymer concrete for railway super structure applications** TIS Roma 2024, AIIT 4th international conference.
- Dr T. Chandra Sekhar Rao, Professor & Head of the Department of Civil Engineering, has participated as a BOS member at PACE Institute of technology and science on 22-06-2024.
- Dr T. Chandra Sekhar Rao, Professor & Head of the Department of Civil Engineering, has successfully reviewed a paper from the 7th international conference MSAM-2024, Hungary.
- Dr Ch. N. Satish Kumar, Professor & Dean Academics from the Department of Civil Engineering has successfully completed one month training course on **CYPECAD in the month of March, 2024.**
- D R. L. R. Nagendra Prasad, Assistant Professor from the Department of Civil Engineering, has got approval for presentation of a paper on **Climate Change Impacts Assessment on Precipitation within and around for an Urbanizing City under Shared Socioeconomic Pathways** in journal of earth system sciences.
- T. Chiranjeevi, Assistant professor from the Department of Civil Engineering, has published a paper on **A Study on Life Cycle Analysis of Bituminous Cement Concrete Pavements With Recycled Materials in Circular Economy** Earth of environmental science 1326-012098.
- S. Ganapathi Prasad, Assistant professor from the Department of Civil Engineering, has published a paper on **Area Allocation of Major Crops in Bapatla District using Linear Programming** in IJIRT, Volume-10, Issue -11.
- S. Ganapathi Prasad, Assistant professor from the Department of Civil Engineering, has published a paper on **Design of analysis of gravity dam by using Staad Pro** IRJET, Volume-4, Issue- 11.
- Dr Ch. V. M. S. N. Pavan Kumar, Asst Professor from the Department of ECE Published a book chapter entitled **“Low-Profile Dual-Band Filtering Patch Antenna For Lte And Ism Band Applications”** in the book titled Futuristic Trends in Network

& Communication Technologies, IIP Series, Volume 3, Book 2, Part 1, Chapter 3,e-ISBN: 978-93-6252-806-3.

- Mr. Patnala Madhukumar, Asst Professor from the Department of ECE, acted as Reviewer for IoT based manuscripts in the Fifth International Conference on Emerging Trends In Engineering, Management And Sciences (ICETEMS-2023) organized by Vardhaman Engineering College, Hyderabad during December 20-21, 2023
- Dr. P.Surendra kumar Kumar, Asst.Professor from the Department of ECE worked as a Reviewer for International Conference on Social and Sustainable Innovations in Technology and Engineering - SASI-ITE'24, IEEE Computer Society, Vizag Bay Section, Sasi Institute of Technology and Engineering, Tadepalligudem, West Godavari District, AP, 23rd -25th Feb 2024.
- Dr. P.Surendra kumar Kumar, Asst.Professor from the Department of ECE Worked as a Reviewer for the 10th International Conference on Communication and Signal Processing - ICCSP 2024, Department of Electronics and Communication Engineering, Adhiparasakthi Engineering College Melmaruvathur - 603319, Tamilnadu, India, 12th & 13th April 2024.
- Mr.Chandrasekhar Rao Jetti, Asst.Professor from the Department of ECE published a paper entitled “Miniatured Wide-band Two-Element Monopole MIMO Antenna for 5G N38, N77 and N79 Band Communications,” 5th edition of the EAI-International Conference on Cognitive Computing and Cyber-Physical Systems (EAI IC4S), 5-7 April 2024.
- Mr.Shaik Sameer, Asst.Professor from the Department of ECE published a paper titled “Miniatured Wide-band Two-Element Monopole MIMO Antenna for 5G N38, N77 and N79 Band Communications,” 5th edition of the EAI-International Conference on Cognitive Computing and Cyber-Physical Systems (EAI IC4S), 5-7 April 2024.
- Mrs.Varikallu Sirisha, Asst.Professor from the Department of ECE published paper entitled “Miniatured Wide-band Two-Element Monopole MIMO Antenna for 5G N38, N77 and N79 Band Communications,” 5th edition of the EAI-International Conference on Cognitive Computing and Cyber-Physical Systems (EAI IC4S), 5-7 April 2024.
- Mr.Neelam Manikanta, Asst.Professor from the Department of ECE published a paper entitled “Miniatured Wide-band Two-Element Monopole MIMO Antenna for 5G N38, N77 and N79 Band Communications,” 5th edition of the EAI-International Conference on Cognitive Computing and Cyber-Physical Systems (EAI IC4S), 5-7 April 2024.
- Dr.Ch.Hari Prasad,Asst.Professor from the Department of EEE participated in a four day ENTERPRENEURSHIP Development Program (EDP) DURING 15th -18th May 2024 at Vignan’s University.
- Dr.K. Ramesh, Asst Professor from the Department of EEE got selected for the AICTE QIP sponsored PG Certificate Programme on “Internet of Things” at IIITDM Kurnool under an AICTE-sponsored Category.
- Dr M. S. Dinesh, Asst Professor from the Department of EEE received a certificate of appreciation on 8th April, 2024 in the felicitation program of IAKYAM
- Dr J. Ravindra, Asst Professor from the Department of EEE contributed a chapter in the book chapter titled Navigating the Frontier: Recent Trends in Intelligent and Soft Computing.

- Mr M. Suresh Babu, Asst Professor from the Department of EEE published a paper titled GRADIVA review journal titled “Fault classification in power system distribution network integrated with distributed generator using CNN” with ISSN NO:0363-8057 in Volume 10, Issue 4, 2024.
- Mr B. Vijaya Krishna, Asst Professor from the Department of EEE published a paper titled “Design of Positive Output Boost Converter with integration of buck converter for Reliable Electric Vehicle Battery Charging Application” in IJCRT, Volume 12, Issue 4 April 2024 with ISSN:2320-2882.
- Mr B. Vijaya Krishna, Asst Professor from the Department of EEE published a paper titled “Design of single input dual output converter for battery charging applications of EV” in IJCRT, Volume 12, Issue 4 April 2024 with ISSN:2320-2882.
- Mr Ch. Hariprasad, Asst Professor from the department of EEE published a paper titled “Voltage sag enhancement of grid-connected hybrid PV-wind power system using BES and SMES based dynamic voltage restorer.
- Mr S. G. Golive, Asst Professor from the Department of EEE published a paper titled “Design of an efficient controller for an enhanced gain dc-dc converter using APICs for microgrid in IJSEM, Vol 18, Issue.2 in April 2024 with ISSN2454-9940.
- Mr J. Pardhasaradhi, Asst Professor from the Department of EEE published a paper titled “Sliding mode control for grid integration of wind power system based on direct drive PMSG” in GRADIVA review journal in volume 10, issue 4, 2024 with ISSN NO 0363-8057.
- Mr Karimulla Polisetti, Asst Professor from the Department of EEE published a paper titled “ Voltage profile improvement in a substation with the integration of solar power: a case study on 33/11 KV substation Bapatla” in International journal of current research, vol.16, Issue 03, pp-27496-27500 in March 2024.
- Mr K. Ramesh, Asst Professor from the Department of EEE published a paper titled “Power system stability enhancement by controlling pv inverter output voltage at 400v: A parameter analysis” in GRADIVA review journal in volume 10, issue 4, 2024 with ISSN NO 0363-8057.
- Mr K. Ramesh, Asst Professor from the Department of EEE published a paper titled “IOT based smart farming system for enhanced agricultural productivity” in GRADIVA review journal in volume 9, issue 12 2023 with ISSN NO 0363-8057.
- Mr K.Ramesh, Asst Professor from the Department of EEE published a paper titled “Arduino based MOSFET based three phase inverter suitable for micro grid systems” in IJERT in volume 13, issue 4 2024 with ISSN NO 2278-0181.
- Mr B. N. Bala Krishna, Asst Professor from the Department of EEE published a paper titled “ A new wireless charging system for electric vehicles by using two receiver coils” in IJCRT, Vol 1, Issue 4, April 2024 with ISSN:2320-2882.
- Mr P. Sampath Kumar, Asst Professor from the Department of EEE published a paper titled “Supervisory control Strategy using a cost effective controller for the efficient solar power utility in a residential microgrid system” in IJCRT, Vol 1, Issue 4, April 2024 with ISSN:2320-2882.

- Mr Ch. Sridhar, Asst Professor from the Department of EEE published a paper titled "Lithium ion battery temperature management system using Arduino nano" in Gradiva Review Journal, Volume 10, Issue 4, 2024 with ISSN NO: 0363-8057.
- Dr K. V. L. N. Acharyulu, Assoc Professor from the Department of Mathematics published a paper titled "Energy and Engineering (International Edition)", chapter name "Global Stability Analysis of a Three level Ecological Ammensalism with four species"(Page no's: 227 to 238), in International Research India Publications,978-93-87388-34-5.
- Dr K. V. L. N. Acharyulu, Assoc Professor from the Department of Mathematics published a paper titled "A Two Level and Four Species Ecological Ammensalism - Global Stability Analysis" (Page no 227 to 238), in International Research India Publications,978-93-87388-34-5.
- Dr Noor Bhasha Rafi, Asst Professor from the Department of Mathematics published a paper titled "On sigma-Prime Spectrum of Almost Distributive Lattices" (Page no:1094-1112) in Scopus: European Journal of Pure and Applied Mathematics, Vol-17.
- Dr Noor Bhasha Rafi, Asst Professor from the Department of Mathematics published a paper titled "Consistent Ideals of Pseudo-Complemented Almost Distributive Lattices" in Scopus: Asia Pacific Journal of Mathematics, Vol-11:47.
- Dr P. V. N. Malleswara Rao, Assistant Professor & Head, Department of English published a paper titled "**The Impact of Participation in the Games to Enhance Vocabulary in English Language**" in peer reviewed and International Journal Advanced Multidisciplinary Scientific Research (IJAMSR), Volume-7, Issue-3.
- Dr Shabreen Sultana Shaik, Assistant Professor from the Department of English, has published a paper on **Developing Communication Proficiency: A Multidimensional Analysis of Language Competencies** 'in International Journal of Advanced Research: A peer reviewed, open access, crossref indexed journal, Vol.12 (05) 2024, Impact factor: 7.3.
- Mr Tambibabu K, Assistant Professor from the Department of English published a paper entitled '**The Impact of Participation in the Games to Enhance Vocabulary in English Language**' in peer reviewed and International Journal Advanced Multidisciplinary Scientific Research (IJAMSR), Volume-7, Issue-3.
- Mr Tambibabu K, Assistant Professor from the Department of English has successfully completed NPTEL online certification course on '**History of English Language and Literature**' offered by NPTEL-AICTE.

Workshops/FDP/STTP/Conferences attended by the Faculty

| Department | Name of the Event | Title | Faculty Name | Organizers |
|-------------------|--------------------------|--|--------------------|--|
| Civil Engineering | FDP | Building Resilient Infrastructure | Y Murali Krishna | VVIT, Namburu |
| Civil Engineering | Workshop | Data Analytics and AI | S Ganapathi Prasad | CCSIT, University of Calcutta |
| Civil Engineering | International Conference | Advancements in Science, Engineering and Management | S Ganapathi Prasad | VVIT Purnia, Bihar |
| Civil Engineering | International Conference | National Intellectual Property Awareness Mission | S Ganapathi Prasad | Intellectual property office India |
| Civil Engineering | FDP | Advancements in Transportation and Geotechnics for Future Infrastructure | T Chiranjeevi | GMRIT, Rajam |
| Civil Engineering | FDP | Emerging Research Trends in Civil Engineering | K Anil | VIT Bhimavaram |
| Civil Engineering | FDP | Advancements in transportation and geotechnics for Future Infrastructure | K Anil | GMRIT, Rajam |
| CSE | FDP | Smart Materials and Research Opportunities | Dr D Kishore Babu | VVIT, Nambur, Guntur (D.T), A. P |
| CSE | FDP | AI Powered Apps-2024 | K. Arun Babu | L4G |
| CSE | FDP | OBE & NPE 2020 | Gopinath Alapati | IQAC, VIT-AP University |
| CSE | FDP | Programming in JAVA | Kumararaja Jetti | NPTEL-AICTE |
| CSE | FDP | OBE & NPE 2020 | Kumararaja Jetti | IQAC, VIT-AP University |
| CSE | FDP | OBE & NPE 2020 | Srikanth Nalluri | IQAC, VIT-AP University |
| CSE | FDP | Digital Marketing | Srikanth Nalluri | MIT Arts Commerce & Science College Andhra Pradesh in Collaboration with |

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| | | | | ExcelR Edtech Pvt. Ltd. |
| ECE | FDP | Machine Learning approaches towards 5G/6G Mobile Networks | Dr Naga Raju Challa | GITAM University, Banglore |
| ECE | FDP | AI Tools for Educators in line with OBE | Dr Naga Raju Challa | BEC, Bapatla |
| ECE | Workshop | Technical Writing Using LATEX | Dr Naga Raju Challa | VIT-AP University, Amaravathi |
| ECE | Workshop | Mathematical Modeling for Data Science | Dr P Surendra Kumar | VNR Vignana Jyothi Institute of Engineering and Technology, Hyderabad |
| ECE | Workshop | Data Science and Its Applications | Dr P Surendra Kumar | Bapatla Engineering College, Bapatla |
| ECE | Workshop | Intellectual Property Rights (IPR) and Patent, Designs Filing Process | Dr P Surendra Kumar | Universal College of Engineering and Technology, Guntur |
| ECE | Workshop | Antenna Design Technologies for Intelligent Transport System | Dr P Surendra Kumar | College of Engineering Guindy, Anna University |
| ECE | Workshop | 'AI Enabled AR/VR in Communications & Signal Processing Application'' | Dr P Surendra Kumar | Nalla Narasimha Reddy group of Institutions, Hyderabad |
| ECE | Workshop | Advanced Natural Language Processing | Dr P Surendra Kumar | Bapatla Engineering College, Bapatla. |
| ECE | Workshop | Emerging Trends in VLSI Device, Circuit and System Design- A Practical Approach | Dr P Surendra Kumar | R.V.R. & J.C. College of Engineering, Guntur, A.P |
| ECE | FDP | Data Science and Its Applications | Dr K. Rajesh | BEC, Bapatla |
| ECE | FDP | Enhancing Faculty Expertise: Communication and Signal/Image Processing (EF ECSIP-2023)'' | Dr K. Rajesh | Aditya College of Engineering & Technology, |

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| ECE | FDP | Electrical CAD Design | Dr K. Rajesh | BEC, Bapatla |
| ECE | FDP | Practical implementation of Artificial Intelligence & IOT in Engineering Solutions | Dr K. Rajesh | Physitech Consultancy Services Pvt.Ltd in Association with PVP Siddhartha Institute Of Technology |
| ECE | FDP | Recent Advances in Electronics and Communication Engineering – An approach through AI & ML | Dr K. Rajesh | VIGNAN'S NIRULA INSTITUTE OF TECHNOLOGY AND SCIENCE FOR WOMEN |
| ECE | FDP | IP Awareness/Training program under NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION | Dr K. Rajesh | Intellectual Property Office, India |
| ECE | FDP | Advanced Natural Language Processing | Dr K. Rajesh | BEC, Bapatla |
| ECE | FDP | Enhancing Faculty Expertise: Communication and Signal /Image Processing(EFEC SIP-2023) | Dr U. Srinivasa Rao | BEC, Bapatla |
| ECE | FDP | Data Science and Its Applications | Dr U. Srinivasa Rao | BEC, Bapatla |
| ECE | FDP | DRONE BOOT CAMP | Dr U. Srinivasa Rao | Dhanekula Institute of Engineering and Technology, Ganguuru, Vijayawada |
| ECE | FDP | AI Tools for Educators inline with OBE | Dr U. Srinivasa Rao | BEC, Bapatla |
| ECE | FDP | AI Techniques In Electrical Systems | Dr U. Srinivasa Rao | BEC, Bapatla |
| ECE | FDP | High Performance Computing | Mr Madhukumar Patnala | Andhra University |
| ECE | Training Program | National IP Awareness Mission | Mr Madhu Kumar Patnala | IPO, India |
| ECE | FDP | Digital Design | Mr Madhu Kumar | Sastra University, |

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|-----|----------|--|--------------------------|---|
| | | Prototyping using FPGA (E2.0) | Patnala | Thanjavur |
| ECE | FDP | Applications of ML and IOT | Mrs P. Rupa | BEC, Bapatla |
| ECE | FDP | Impact of AI: Robotics, VLSI and Medical domains | Mrs P. Rupa | VVIT, Nambur |
| | FDP | NEP 2020 Orientation and Sensitisation program | Mrs P. Rupa | Sri Guru tech Bahadur Kalsa college, Delhi |
| ECE | FDP | Digital Design Prototyping using FPGA (E2.0) | Mrs Y. Sruthi | Sastra University, Thanjavur |
| ECE | FDP | FDP on Cloud Infrastructure (AWS) | Mrs Y. Sruthi | KG REDDY COLLEGE OF ENGINEERING & TECHNOLOGY |
| ECE | Workshop | Emerging Trends in VLSI Device, Circuit & System Design | Mrs Y.Sruthi | R.V.R. & J.C. COLLEGE OF ENGINEERING, Guntur, A.P |
| ECE | FDP | Applications on Machine Learning and Internet of Things | Mrs Y.Sruthi | BEC, Bapatla |
| ECE | FDP | Digital and Analog VLSI Design: Concepts and Applications | Mr Mahaboob Subani Shaik | CBIT, HYD |
| ECE | FDP | Digital Design Prototyping using FPGA (E2.0) | Mrs N. Naga Swathi | Sastra University, Thanjavur |
| ECE | FDP | Applications of ML and IOT | Mrs N. Naga Swathi | BEC, Bapatla |
| ECE | FDP | Enhancing Faculty Expertise: Communication and Signal/Image Processing (EFECSIP-2023)’ | Ms K. Kalpana | Aditya College of Engineering & Technology, |
| ECE | FDP | Recent Advances in Electronics and Communication Engineering – An approach through AI & ML | Ms K. Kalpana | Vignan’s Nirula Institute of Technology and Science for Women |
| ECE | Workshop | Emerging Trends in VLSI Device, | Ms K. Kalpana | R.V.R. & J.C. COLLEGE OF |

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| | | Circuit & System Design | | ENGINEERING, Guntur, A.P |
| ECE | FDP | Digital and Analog VLSI Design: Concepts and Applications | Ms K. Kalpana | CBIT, HYD |
| ECE | Training Program | Two days I & E exposure visit cum training program | Mr M. Lenin Babu | ANITS, Visakhapatnam |
| ECE | Regional meet | IIC regional meet | Mr M. Lenin Babu | KLU, Vijayawada |
| ECE | FDP | Acharya 7.0 (Faculty Development Program on Entrepreneurship) | Mr M. Lenin Babu | SKU, Ananthapuram |
| ECE | FDP | Digital Image Processing | Mr M. Lenin Babu | NPTEL |
| ECE | FDP | C Programming | Mr M. Lenin Babu | Bapatla Engineering College |
| ECE | FDP | Preparing Students for the Placements - Resume, GD and Interview, Education and Educational Management | Mr P. P. M. Prasad | BAPATLA PHARMACY COLLEGE |
| ECE | FDP | Advanced Embedded Systems | Mr P. P. M. Prasad | , NITTTR, Chandigarh |
| ECE | FDP | Soft Skills and Classroom Teaching, Education and Educational Management Department | Mr P. P. M. Prasad | BAPATLA PHARMACY COLLEGE |
| ECE | FDP | AI Tools for educators in line with OBE -2023, BEC, NOV-2023 | Mr U. Srinivas | Bapatla Engineering College |
| ECE | FDP | Impact of AI: Robotics, VLSI and Medical domains | Mr U. Srinivas | VVIT, Nambur |
| ECE | FDP | Digital Design Prototyping using FPGA (E2.0) | Mr U. Srinivas | Sastra University, Thanjavur |

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| ECE | FDP | Advanced Natural Language Processing | Dr J. Chandrasekhar Rao | BEC-Bapatla |
| ECE | FDP | (AITOBE-2023) | Dr J. Chandrasekhar Rao | ATAL-BEC |
| ECE | FDP | Emerging Research Area in Advance VLSI System Design & Challenges: Semiconductor-to-End Application – Approach | Dr J. Chandrasekhar Rao | ATAL-PACE Institute of Technology and Sciences |
| ECE | FDP | Quantum Signal Processing | Dr J. Chandrasekhar Rao | LBRC Mylavaram |
| ECE | FDP | recent advances in ECE-An approach through AI & ML | Mr G. Mahesh | Vignan Nirula Technology & Science |
| ECE | FDP | AI enabled AR/VR in communication & Signal Processing | Mr G. Mahesh | NNRG Institutions |
| ECE | FDP | Antennas for industrial applications | Mr G. Mahesh | VIT Vellore |
| ECE | FDP | Generative AI Models Applications o Machine Learning | Mr G. Mahesh | Sri Vishnu Engineering College for Women |
| ECE | FDP | AI enabled AR/VR in communication & Signal Processing | Mrs D. Swetha | NNRG Institutions |
| ECE | FDP | AI Tools for Educators inline with OBE | Mrs D. Swetha | IQAC ,BEC |
| ECE | FDP | AI enabled AR/VR in communication & Signal Processing | Mr T. Krishna Chaitanya | NNRG Institutions |
| ECE | FDP | AI Tools for Educators inline with OBE | Mr T. Krishna Chaitanya | IQAC ,BEC |
| | FDP | Applications on Meachine learning and IOT | Mrs M. Madhavi | BEC,Bapatla |
| ECE | FDP | Emerging Trends in VLSI Device, | Dr Ch. V. M. S. N. Pavan Kumar | R.V.R. & J.C. COLLEGE OF |

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| | | Circuit and System Design- A Practical Approach | | ENGINEERING, Guntur, A.P |
| ECE | FDP | Enhancing Faculty Expertise: Communication and Signal/Image Processing (EFECSIP-2023)” | Dr Ch. V. M. S. N. Pavan Kumar | Aditya College of Engineering & Technology, Surampalem |
| ECE | FDP | Accreditation and Outcome Based Learning | Dr Ch. V. M. S. N. Pavan Kumar | NPTEL AICTE FDP Program conducted by IIT Kharagpur |
| ECE | FDP | Latest Trends in 5G/6G Wireless Communications | Dr Ch. V. M. S. N. Pavan Kumar | Holy Mary Institute of Technology & Science and NIT Warangal in association with centre for Training and Learning |
| ECE | FDP | IP Awareness/Training program under NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION | Dr Ch. V. M. S. N. Pavan Kumar | Intellectual Property Office, India |
| ECE | FDP | Master Class on Machine Learning | Dr Ch. V. M. S. N. Pavan Kumar | Pantech Learning PVT LTD |
| ECE | FDP | Impact of AI: Robotics, VLSI and Medical domains | Dr Ch. V. M. S. N. Pavan Kumar | VVIT, Nambur |
| ECE | FDP | "Future Communications Technologies: 5G & Beyond | Mr Kakumanu Naga Raju | NIT, Uttarakhand |
| ECE | FDP | AI Tools for Educators inline with OBE | Mr K. Sambasiva Rao | IQAC, BEC |
| IT | FDP | Five Day FDP on OBE & NEP 2020 | Dr.P.Sreedhar | VIT-AP University Amaravathi 10 th -14 th June 2024 |
| IT | FDP | 2 Weeks FDP on Design Thinking & Innovations | Dr.P.Sreedhar | Sathyabama Institute of Science & Technology 6 th -18 th May 2024 |
| Mechanical | International | Optimization of process parameters in | Mr P Umamaheswarrao | Pravara Rural Engineering College, Loni in association with |

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| | | turning of AZ91D Magnesium Alloy using Desirability Function Analysis | | Technology Research and Innovation Centre, India |
| Mechanical | Workshop | Enhancing research paper and project report writing capabilities with AI-Empowered Tools | Mr P. Uma Maheswar Rao | Vidya Vihar Institute of Technology, Purnea, Bihar, India |
| Mechanical | FDP | Advancements in Automobile Engineering for Sustainable Development | Dr B. Iftekhhar Hussain | VNR Vingana Jyothi Institute of Technology, Hyderabad |
| Mathematics | Conference | 5Th online /offline Mega International Conference on "Continuity, Consistency and Innovation in Applied Sciences and Humanities" | Dr P. Vijaya Saradhi | Department of Freshmen Engineering of St, Martin's Engineering College, Dhulapally, Secudrabad, Talangana, India |
| Mathematics | Conference | International Conference on emerging trends in Mathematics and scientific computing (ICETMSC'24) | Dr P. Vijaya Saradhi | Dept. of Mathematics & Statistics, Vignan's foundation for Science, , A.P |
| Mathematics | FDP | Recent Advances in Fluid Flow problems | Dr T. Srinivasa Rao | Department of Mathematics, VIT-AP |
| Mathematics | FDP | One Week Faculty Development Programme(Online) on "Deep Learning Techniques for Social Media Analysis" | Dr Noorbhasha Rafi | Department of Computer Science, Kongu Engineering College, Tamilnadu |
| Mathematics | FDP | Two-days FDP on "Resource Management Security & Architecting with Cloud" | Dr Noorbhasha Rafi | Department of Computer Science, Kongu Engineering College, Tamilnadu |

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| Mathematics | FDP | Five-Day International Online FDP on Exploring Recent Trends in Applied Mathematics and Machine Learning, Department of Mathematics | Dr Noorbhasha Rafi | Koneru Lakshmaiah Educational Foundation (Deemed to be University), Bachupally Campus, Hyderabad. |
| Mathematics | Conference | 5Th online /offline Mega International Conference on "Continuity, Consistency and Innovation in Applied Sciences and Humanities" | Dr P. Vijaya Saradhi | Department of Freshmen Engineering of St,Martin's Enginerring College, Dhulapally, Secudrabad, Talangana, India |
| Mathematics | Conference | International Conference on emerging trends in Mathematics and scientific computing (ICETMSC'24) | Dr P. Vijaya Saradhi | Dept. of Mathematics & Statistics, Vignan's foundation for Science, A.P |
| Mathematics | FDP | Recent Advances in Fluid Flow problems | Dr T. Srinivasa Rao | Department of Mathematics, VIT-AP |
| Mathematics | FDP | One Week Faculty Development Programme(Online) on "Deep Learning Techniques for Social Media Analysis" | Dr Noorbhasha Rafi | Department of Computer Science, Kongu Engineering College, Tamilnadu |
| Mathematics | FDP | Two-days FDP on "Resource Management Security & Architecting with Cloud" | Dr Noorbhasha Rafi | Department of Computer Science, Kongu Engineering College, Tamilnadu |
| Chemistry | FDP | Education for Sustainable Development | Dr K Prasada Rao | IIT Madras |
| English | Orientation Program | NEP 2020 Orientation & Sensitization | Dr P.V.N Malleswara Rao | UGC- Malaviya Mission Teacher Training Programme |

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|---------|---------------------|---|-----------------------------|--|
| | | Program | | (MMTTC), Maulana Azad National Urdu University, Hyderabad |
| English | Orientation Program | NEP 2020 Orientation & Sensitization Program | Dr Shabreen Sultana Shaik | UGC- Malaviya Mission Teacher Training Programme (MMTTC), Maulana Azad National Urdu University, Hyderabad |
| English | FDP | Five day Faculty Development Program on ELT - Innovative Approaches and Methods | Dr Shabreen Sultana Shaik | FED, ANITS, Visakhapatnam |
| English | Orientation Program | NEP 2020 Orientation & Sensitization Program | Dr Venkata Lakshmi Kancheti | UGC- Malaviya Mission Teacher Training Programme (MMTTC), Maulana Azad National Urdu University, Hyderabad |



Placement Data

| Sr.no | Regd.no | Name of the student | Name of the company |
|-------|-----------|----------------------------------|------------------------------|
| 1 | L21AEE402 | Bechalakuri Johny | Suryatech Solutions |
| 2 | L21AEE406 | Gujju Vignesh | G Square Techsystems PVT LTD |
| 3 | L21AEE407 | J. Malleswari Bai | KIML |
| 4 | L21AEE408 | Korra Jagadish Naik | G Square Techsystems PVT LTD |
| 5 | L21AEE410 | Mallipeddi Venkata Praveen Kumar | G Square Techsystems PVT LTD |
| 6 | L21AEE411 | Maluthummeda Srinivas | G Square Techsystems PVT LTD |
| 7 | L21AEE412 | Naga Veerendra Mannem | Suryatech Solutions |
| 8 | L21AEE415 | Sanchana Srinivasarao | Suryatech Solutions |
| 9 | L21AEE417 | Sk Galib Shareef | KIML |
| 10 | L21AEE418 | V. Vinay Kumar | KIML |
| 11 | L21AEE421 | Mandla Ramanjaneyulu | Suryatech Solutions |
| 12 | L21AEE427 | Prasad | KIML |
| 13 | L21AEE428 | Kancharla Sanjeesh Babu | Suryatech Solutions |
| 14 | L21AEE430 | Reddy Upendra | G Square Techsystems PVT LTD |
| 15 | L21AEE431 | S. Rambabu | G Square Techsystems PVT LTD |
| 16 | L21AEE435 | Ghanta Venkata Satyanarayana | Suryatech Solutions |
| 17 | L21AEE436 | J. Akshaya | KIML |
| 18 | Y20AEE405 | Allu Ganesh | Suryatech Solutions |
| 19 | Y20AEE409 | B Madhulatha | KIML |
| 20 | Y20AEE412 | Botcha Bhanu Prakash | Suryatech Solutions |
| 21 | Y20AEE420 | Datti Pavan Kumar | Suryatech Solutions |
| 22 | Y20AEE422 | D. Nikhil Kumar | KIML |
| 23 | Y20AEE424 | Ganji Ramakrishna | INDOSOL SOLAR |
| 24 | Y20AEE428 | Gogana Vinay Kumar | G Square Techsystems PVT LTD |
| 25 | Y20AEE429 | G. Likhitha Mani | KIML |
| 26 | Y20AEE430 | Gopalam Venkata Sai Charan | Suryatech Solutions |
| 27 | Y20AEE432 | Govathoti Gopi Chand | Suryatech Solutions |
| 28 | Y20AEE441 | K. S. S. N. Sriharshadinarayana | Suryatech Solutions |
| 29 | Y20AEE444 | M. Akhilsrinivas | Indosol Solar |
| 30 | Y20AEE447 | Mare Nissela Margarate | G Square Techsystems PVT LTD |
| 31 | Y20AEE451 | M. Srilakshmi | KIML |
| 32 | Y20AEE452 | Nadendla Alekya | G Square Techsystems PVT LTD |
| 33 | Y20AEE453 | Nagularapu Sunil Kumar | G Square Techsystems PVT LTD |
| 34 | Y20AEE454 | Nakirikanti Santhosh Kumar | Bondada |
| 35 | Y20AEE455 | Nalagarla Penusila Jayanth | Suryatech Solutions |
| 36 | Y20AEE460 | Perisetla Nageswararao | Suryatech Solutions |
| 37 | Y20AEE461 | Perni Venkata Krishna Reddy | G Square Techsystems PVT LTD |
| 38 | Y20AEE466 | Praveen Kumar Potnapalli | Suryatech Solutions |
| 39 | Y20AEE469 | R. Ramya | KIML |
| 40 | Y20AEE472 | Sayimpu Praveen Kumar | G Square Techsystems PVT LTD |
| 41 | Y20AEE475 | Sk Fajuddin Basha | KIML |
| 42 | Y20AEE476 | S. Sujatha | KIML |

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|----|-----------|-----------------------|---------------------|
| 43 | Y20AEE477 | Venkataiah Sudula | Suryatech Solutions |
| 44 | Y20AEE478 | Sd Asfiya | KIML |
| 45 | Y20AEE479 | S. Vijaya Lakshmi | Accenture |
| 46 | Y20AEE482 | Ummaneni Naveen Kumar | Suryatech Solutions |
| 47 | Y20AEE483 | V. Bala Bhargavi | KIML |
| 48 | Y20AEE485 | Sairam Vucha | Suryatech Solutions |



NSS ACTIVITIES



World Earth Day was celebrated in the campus on 22nd April, 2024



Youth Unite Initiative Program was conducted by Heart fullness Education Trust in collaboration with Sri Rama Chandra Mission from 18th May to 23rd May, 2024



Blood Donation Camp was organised in the campus on the occasion of World Blood Donor Day in association with Indian Red Cross Blood Center, Government Hospital, Repalle on 14th June, 2024