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

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Dr Nazeer Shaik, Principal

Prime Editor

Dr P. Asha Madhavi Department of English

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Dr Sk Shabreen Sultana, Asst Prof/English
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Mr M. Veeraiah, Asst Prof/English

Student Coordinators

Mr K. Srinivasa Kalyan Reddy/IV ECE/AWAAZ
Ms G. Kokila/IV IT/CCA

DESIGNED BY

Mr Dadi Bhanuteja











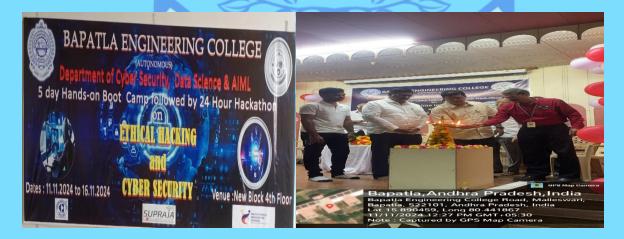


Awareness program on Anti-Drugs on the campus on 6th Dec, 2024

Department of Cyber Security, Data Science & AIML



5-Day Hands-On Boot Camp with a 24-Hour Hackathon on 'Cyber Crime Investigation and Digital Forensics' was conducted from 11th -16th Nov, 2024



A 5-Day Hands-on Boot Camp with a 24-Hour Hackathon on Ethical Hacking and Cyber Securitywas conducted from 11th -16th Nov, 2024



Parent Teacher Meeting in the Department on 4th Oct, 2024



A 5-Day International Online workshop on Agile Software Development was conducted in the Department on 20th Nov, 24.

Department of Civil



Academic Audit in the Department by an external expert on 26th Oct, 2024



An insightful Guest lecture on "Artificial Intelligence & Machine Learning Applications in Civil Engineering" by Mr. G. Nagaraju, Distinguished Alumnus, on 23rd Oct, 2024.



One-day workshop on "QGIS for Civil Engineers" on 19th Oct, 2024. Mr. G. Mani Praksh Reddy, Assistant Director at Moody's Analytics, Bangalore acted as the resource person

Department of EEE



Orientation Classes on 'Career Advancement Paths for Final years in Higher Education' by Mr M.B. Sastry, Director, AdmitMe International on 09th Nov, 2024



Human Machine Interface (HMI) Practical Awareness session was conducted on 09^{th} Nov, 2024



Guest lecture on "Power system and Modern Techniques" by Dr. Ch. V. V. S. Bhaskara Reddy, Professor in Electrical Engineering, AU College of Engineering, Visakhapatnam on 26th Oct, 2024



Academic Audit of the Department of EEE by Dr. Ch.V. V. S. Bhaskara Reddy, Professor in Electrical engineering, AU college of Engineering, Visakhapatnam on 26th Oct, 2024



Guest Lecture on "Opportunities in Electrical Vehicle Automation" for III B.Tech Students on 15th Nov, 24



AI Fundamentals Certificate Program was conducted for III B.Tech students by IBM on 22nd Oct, 24



A three day workshop on "VLSI Design and Hands-on experience with EDA Tools" was conducted from 28th-30th Oct, 24



A Two-day Workshop on 'Emerging Career Opportunities in Automotive Electronics' was organised for III B.Tech students from 14th-15th Nov, 24. Mr P. Jagadeesh & Mr S. Sanjay Kumar from Eagle Technology acted as Resource persons



Guest lecture on 'Basics of Intellectual Property Rights and its importance for Innovation and Entrepreneurs was conducted on 8th Nov, 2024. Dr. G. Phani Prasanthi acted as the Resource person

Department of IT



The Department of Information Technology conducted A Three-day workshop on "Augmented Reality & Virtual Reality (AR/VR)" from 8th to 10th Nov, 2024. Mr. G. Rama Krishna, Tech Lead at INU Ltd., and Mr. G. Surya Balaji, AR/VR Developer at Tech Mahindra, served as resource persons, offering hands-on training and real-world applications of AR/VR in various industries



బిఇసిలో క్యూప్ పై మూడు రోజుల కార్కశాల

బాపట్ల మేజర్ న్యూస్: బాపట్ల ఇంజనీరింగ్ కాలేజీ లో తుక్రవారం సాఫ్ట్వేర్ రంగంలో ముఖ్యమైన అంశం క్యాలిటీ అసూరెన్స్ ఆటోమేషన్ టాపిక్ మీద ఇన్ఫర్మేషన్ బెక్ఫాలజీ విభాగం లో 3 రోజుల వర్కుపాప్ ప్రారంభించారు. బాపట్ల ఎడ్యుకిషన్ సొపైటీ (పెనిడెంట్ మువులనేని శ్రీనివాన రావు మాట్లాడుతూ ఇటువంటి వర్కుపాప్ తో ఇప్పటి కాలంలో ఉన్న అడ్వాన్స్ట్ అస్లికేషన్స్ నాణ్యత బెక్ట్ బేయగల నాలెడ్డి పొందవ్వన్ తెలిపారు. సాశ్రకుర్ మానం నాగేశ్వర రావు, జాయింట్ సెక్టటరీ కొమ్మినేని పారి పద్మ ప్రసాద్ ఈ వర్కు పాఫ్ట్వర్ రంగంలో ఎంతో ఉపయోగమని తెలిపారు. ఇటువంటి శిక్షణా తరగతులు విధ్యార్ధులను మంచి ఉద్యోగాలను సాధించడానికి ఎంతో సహకరిస్తాయి అని తెలిపరిచారు. (ఫిన్పిపాల్ ోషక్ నజీర్ ఇటువంటి వర్కుపావులకు ఎప్పుడు మద్దతు ఇస్తామని, ఇటువంటి శిక్షణా తరగతుల ద్వార్తాలు తను నైపుణ్యాన్ని



ఆంధ్యాన్నం, ఈ వాట ప్రవించింలో ఉద్యాగ్ అవకాశాలను మెరుగు పరుచుకోవడానికి అవకాశం పుంటుంది అని చెప్పారు. ఈ వర్కుషాప్ లో సాంకేతిక నిపుణులుగా బాపట్ల ఇంజనీరింగ్ కాలేజీ ఐటీ విభాగపు పూర్వ విద్యార్థి వెల్లపు శ్రీకాంత్, ఐటీ విభాగానికి చెందిన అధ్యాపకులు పాల్గొన్నారు. అసోసియేంట్ ప్రాఫెసర్ కామిని శ్రీనివాస రావు, అన్నొంట్ ప్రాఫెసర్ మువ్వా స్రాపీణ్ కుమార్ ఈ వర్కుషాప్ నిర్వాహకులుగా వ్యవహరించారు.

The Department of Information Technology conducted a workshop on QA Automation from 15th to 17th Nov, 2024. Mr. V. Srikanth, Quality Analyst at Resillion, Bangalore, served as the resource person, providing hands-on training and industry insights

Department of Mathematics





Guest Lecture on 'Importance of Qualitative Aptitude and Logical Reasoning' for I B.Tech Students on 26th Oct, 2024 by Dr. P. Prasanna Anjaneyulu, an eminent Associate Professor from VVIT, Namburu



One-week online international Faculty Development Program titled "Innovative Applications of Mathematics" from November 18th to 23rd, 2024 This event was conducted in celebration of the 104th birthday of the renowned mathematician Dr. Komaravolu Chandrasekharan Garu, honoring his significant contributions to the field of Mathematics



Parent Teacher Meeting in the Department on 16th Nov, 2024



104th Birth Anniversary Celebrations of a Great Mathematician: Prof Komaravolu Chandrasekharan garu & 70th Birth Anniversary Celebrations of Prof. N. Prabhakara Rao Former Head, Department of Mathematics, Bapatla Engineering College was celebrated on 21st Nov. 2024



Ganitha Darpanam Magazine release event on 21st Nov, 2024



A One-week Online International workshop titled 'Mathematics: Bridging Ideas and Innovations' (MBII 2024) was conducted from 16th to 21st Dec, 2024





In view of 137th Birth Anniversary Celebrations of great Mathematician Sri Srinivasa Ramanujan, Sri Abdul Khadar, Assistant Professor, Department of Mathematics was felicitated

Department of English



Department of English has organized A Five Day International Faculty Development Program on "Working with Emotional Intelligence and Life Skills Management" from 2nd to 6th Dec, 2024

Faculty Achievements

- Dr T. Chandra Sekhar Rao, Professor & HOD of Civil Engineering Department, has awarded with saylor academy awards in the area of PRDV224: Leadership and Teams by saylor.org academy.
- Dr T. Chandra Sekhar Rao, Professor & HOD of Civil Engineering Department has been nominated as subject expert for faculty ratification interviews by QIS College of Engineering & Technology, Ongole.
- B. Ravi, Assistant Professor of Civil Engineering Department, has published a paper on, "Prediction of Mechanical and Tensile Properties of Self-Compacting Concrete Incorporating Fly Ash and Waste Copper Slag by Artificial Neural Network-ANN", IIETA- Vol-48,No-5, pp. 655-665.
- Mr Ravula Kartheek, Assistant Professor, Department of AIML & CBDS published a
 paper in a conference on Defensive Techniques to Avoid DDOS Attacks in Cloud
 Environment on 16th September, 2024 ICRIC-07 VOLUME 2
 - Ms R.Himabindu, Assistant Professor Department of AIML & CBDS participated in JNTUH organised Short term course on Real World IOT Applications from 19-08-2024 to 24-08-2024 online
- Dwija Desireddy, Assistant Professor of Department of AIML& CBDS completed 12 week NPTEL course on Data Science Using Python
- Mr Ravula Kartheek, Assistant Professor attended FDP on Advanced AI Tools for Preparing Research Papers at BWEC from 8th - 9th November 2024
- Mr Ravula Kartheek, Assistant Professor of AIML& CBDS, published a paper in a conference on An Architecture for A Distributed Cloud, Volume 15, Issue 6, Nov-Dec 2024 (IJCET)
- Ms R. Himabindu, Assistant Professor of Department of AIML& CBDS, participated in a workshop on Applications of AI in Science, Technology & Engineering from 11th-16th Nov, 2024 at Department of IT, Anurag University Engineering College.
- Ms R. Himabindu, Assistant Professor of Department of AIML& CBDS, attended an FDP on Block Chain-Enabled IOT Networks with AI-Driven Automation Transforming Smart Ecosystems for a Decentralized Future from 2nd Dec to 7th Dec,2024.
- Ms G.V. Leela Kumari, Assistant Professor of Department of AIML is awarded with a course completion certificate on AI –Powered interactive dash boards by Office Master on 1st Dec, 2024.
- Ms G.V. Leela Kumari, Assistant Professor of Department of AIML attended 3 day FDP on Immersive Technologies VR/AR/MR with Machine Learning Application from 2nd Oct to 4th Oct, 2024 organized by Avanthi's St. Theressa Institute of Engineering and Technology
- Mr K. Siva Kumar, Assistant professor of Computer Science Engineering Department, has filed and published the patent entitled "Leveraging Ai for Dynamic and Adaptive Control to Maximize Efficiency in Solar Power Generation" in November, 2024.

- Dr D. Kishore Babu, Associate professor of Computer Science Engineering Department, has presented a paper on "Product Recommendations using Feature Level analysis" in IEEE 3rd International Conference on Automation, Computing and Renewal Systems (ICACRS-2024) organized by Mount Zion College of Engineering and Technology, Pudukkottai, Tamilnadu India from 4–6th December, 2024.
- Dr D. Kishore Babu, Associate professor of Computer Science Engineering Department, has published a book entitled "Machine Learning with python: Algorithm and Applications" published by Chendur Publishing House, Chennai, Certify by Government of India.
- Dr K. Manideep, Associate Professor of Computer Science Engineering Department, has act as Resource person for "Innovating with Generative AI: Transforming Large Language Models for Real-World Applications" organized by K G Reddy College of Engineering College and & Technology in association with ATAL, 2024.
- Dr K. Manideep, Associate Professor of Computer Science Engineering Department, has organised a One Week International Faculty Development Program on "Innovative Applications of Mathematics" (IAM-2024) as one of the Staff Organizers (Technical Support) Department of Mathematics & Institution's Innovation Council (IIC), BEC.
- Dr. K Manideep, Associate Professor of Computer Science Engineering Department, has published "Improving Data Transfer Performance to Unlock Potential of Cloud Service Providers" in Journal of Electrical Systems.
- Dr. K Manideep, Associate Professor of Computer Science Engineering Department, has published "Artificial Intelligence in Healthcare: Revolutionizing Early Detection of Intervention in Clinical Practice" in TELEMATIQUE.
- Dr. K Manideep, Associate Professor of Computer Science Engineering Department, has published "Innovative Synergies: Examining Artificial Intelligence with Enhanced Smart Library Services on Boost User Engagement" in Nanotechnology Perceptions.
- Dr. K Manideep, Associate Professor of Computer Science Engineering Department, has received the certification from the GitHub Foundations.
- K. Siva Kumar, Assistant Professor of Computer Science Engineering Department, has completed NPTEL online certification course on "Operating System Fundamentals" organized by Elite in association with IIT Kharagpur.
- Kumara Raja Jetti, Assistant Professor of Computer Science Engineering Department, has presented a paper on "Product Recommendations using Feature Level analysis" in IEEE 3rd International Conference on Automation, Computing and Renewal Systems (ICACRS-2024) organized by Mount Zion College of Engineering and Technology, Pudukkottai, Tamilnadu India from 4–6th December, 2024.
- Kumara Raja Jetti, Assistant Professor of Computer Science Engineering Department, has completed NPTEL online certification on "Cloud Computing" organized by IIT Kharagpur.
- P. Nanda Kishore, Assistant Professor of Computer Science Engineering Department, has presented a paper on "Product Recommendations using Feature Level analysis" in IEEE 3rd International Conference on Automation, Computing and Renewal Systems

- (ICACRS-2024) organized by Mount Zion College of Engineering and Technology, Pudukkottai, Tamilnadu India from 4 6th December, 2024.
- Ms Y. Sruthi from the department of ECE, BAPATLA ENGINEERING COLLEGE
 has successfully completed the AICTE Training and Learning (ATAL) Academy OneWeek National Level Faculty Development Program (FDP) on "Outlook on Best
 Practices and Strategies for Chip Design Implementation From Industry Perspective"
 held from 16/12/2024 to 21/12/2024, conducted by Gayatri Vidya Parishad College for
 Degree and PG Courses.
- Dr Sumanth Kumar Panguluri from the Department of ECE has successfully completed the One-Week National Level Faculty Development Program (FDP) on "Generative AI and Advanced Tools for Academic Research," held from August 26 to September 01, 2024. Conducted by Scroll well Teaching Training Academy
- Dr Sumanth Kumar Panguluri from the Department of ECE acted as a Reviewer for SCI Journal "Signal, Image and Processing
- Dr Sumanth Kumar Panguluri from the Department of ECE acted as Reviewer for SCI Journal "Cluster Computing". Completed review on 17 November 2024.
- Dr Ch.V.M.S.N. Pavan Kumar from the Department of ECE, acted as a resource person for the seminar on "The 5G Revolution: Technical Challenges in Next-Generation Connectivity" at PACE Institute of Technology and Sciences on 14th Nov. 2024.
- Dr Ch.V.M.S.N. Pavan Kumar from the Department of ECE, Bapatla Engineering College presented a paper at the 30th Conference on Processing of Advanced Materials and Fabrication Products (PAMFP) entitled "Improved bandgap prediction of 2D Materials using Ensemble of Hyperparameter optimized boosting algorithms" Jointly organized by IA-PAMFP and IIT Hyderabad from 11th to 13th December, 2024.
- Dr Ch.V.M.S.N. Pavan Kumar has presented a paper titled "Number Plate Recognition-A Zero Shot Approach" in One-day Seminar on Technology Advancements for Smart Systems Development organized by Department of ECE, Prasad V. Potluri Siddhartha Institute of Technology in association with The Institute of Engineers India (IEI) on 16-11-2024.
- Dr. N. Karthik from the Department of EEE was awarded a certificate for successfully completing the course "Data Science for Engineers"
- Dr. K. Ramesh from the Department of EEE was awarded a certificate for successfully completing the course "Data Science for Engineers"
- Dr. K. Ramesh from the Department of EEE was awarded a certificate for successfully completing the course "Introduction to Industry 4.0 and Industrial Internet of Things"
- Dr. K. Ramesh from the Department of EEE was awarded a certificate for successfully completing the course "Introduction to the Internet of Things"
- Dr. K. Ramesh from the Department of EEE was awarded a certificate for successfully completing the course "Introduction to Machine Learning"
- Dr. K. Ramesh from the Department of EEE was awarded a certificate for successfully completing the course "Python for Data Science"
- P. Karimulla from the Department of EEE was awarded a certificate for successfully completing the course "Python for Data Science"

- Dr K. Ramesh from the Department of EEE received a **Certificate of Excellence in Reviewing** for his contributions to the *Journal of Agriculture and Ecology Research International*.
- Mr Hariprasad from the Department of EEE successfully completed his convocation.
- Mr J. Ravindra from the Department of EEE had a paper accepted, titled "Smart and Sustainable Developments in Electrical Engineering."
- Mr J. Ravindra from the Department of EEE had a paper accepted, titled "Emerging Technologies and Applications in Electrical Engineering: AI-Driven Solutions and Emerging Power Technologies for a Sustainable Future" (ICETAEE 2024).
- Mr J. Ravindra from the Department of EEE had a paper accepted titled "Performance Analysis of Sliding Mode Controlled DC-DC Converter for Off-Board Fast Charging."
- Dr. N. Karthik from the Department of EEE was appointed as the **NIRF Coordinator**.
- Dr. K. Ramesh from the Department of EEE received a **Certificate of Appreciation** for being recognized as an **NPTEL Star.**
- K. Rajendra from the Department of EEE was awarded a **Doctor of Philosophy** on **23-09-2024** for his dissertation titled "**Electrical Power System State Estimation with Load Uncertainty and False Data Using Certain Optimization Techniques."**
- Mrs D. Karunamma, Assistant Professor of Information Technology Department, has published a paper on "An Attention-based Rainfall Prediction System using LSTM Model and Convolutional Block Module" at the 2nd International Conference on Self Sustainable Artificial Intelligence Systems (ICSSAS 2024) held from October 23rd to 25th, 2024.
- Dr Beporam Iftekhar Hussain Associate Professor from the Department of Mechanical Engineering participated in "Artificial Neural Networks for Weld Joint Strength Prediction in Various Welding Techniques", IEEEXPLORE, 2024 IEEE 5th International Conference on Recent Trends in Computer Science and Technology (ICRTCST), pp 188-192, 979-8-3503-5137-8/24/\$31.00 ©2024 IEEE | DOI: 10.1109/ICRTCST61793.2024.10578356
- Dr Beporam Iftekhar Hussain Associate Professor from the Department of Mechanical Engineering participated in "Predicting Wear Properties of Alloy 7090/SiC Nanoparticle Composites Using Artificial Neural Networks for aerospace application", E3S Web of Conferences 556, 01025 (2024), pp 1-11, https://doi.org/10.1051/e3sconf/202455601025
- Dr Beporam Iftekhar Hussain Associate Professor from the Department of Mechanical Engineering participated in "Predicting Fouling Progress in Water Cooled Chillers Using Bidirectional LSTM Neural Networks and Synthetic Data", IEEEXPLORE, 2024 1st International Conference on Advanced Computing and Emerging Technologies (ACET), DOI: 10.1109/ACET61898.2024.10730520
- Dr Beporam Iftekhar Hussain Associate Professor from the Department of Mechanical Engineering published a paper titled "Analyzing the Execution of a Building Unifying with Concentrating Photovoltaic System and Phase Change Materials", Journal of Physics: Conference Series 2925 (2024) 012006, IOP Publishing, doi:10.1088/1742-6596/2925/1/012006.

- Dr Beporam Iftekhar Hussain Associate Professor from the Department of Mechanical Engineering published a paper titled "Development and characterization of Fe-30Cu-10Si-6W-10Mo superalloy with enhanced γ' phase stability and oxidation resistance using CALPHAD method", Journal of Physics: Conference Series 2925 (2024) 012011, IOP Publishing, doi:10.1088/1742-6596/2925/1/012011
- Dr B. Iftekhar Hussain, Associate Professor from the Department of Mechanical Engineering was invited as a resource person to deliver the keynote address for ANSYS workshop on off-road vehicle design and analysis hosted at Rajeev Gandhi University of Knowledge Technologies, Nuzvid in association with TIHAN, IIT, Hyderabad from 18th October 2024 to 20th October 2024.
- Dr Ch. Subramanyam, Assistant Professor & HOD of Chemistry Department, has published a paper on Ultrasound-assisted synthesis of α -aminophosphonates using nano ZnO catalyst: evaluation of their anti-diabetic activity, Org. Commun. 17:4 (2024) 249-264.
- Dr Ch. Subramanyam, Assistant Professor & HOD of Chemistry Department, has published a paper entitled 'Synthesis of novel chromenyl phosphonates via nano-ZnO-catalyzed microwave method: Exploring potential anti-diabetic agents through molecular docking, ADMET analysis, and α-amylase inhibition' in SCI Journal "Synthetic Communications" 2024, Volume 54, Issue 17. https://doi.org/10.1080/00397911.2024.2388799
- Dr Ch. Subramanyam, Assistant Professor & HOD of Chemistry Department, has received 'Indian Chemical Society Research Excellence Award" from the Indian Chemical Society during the Annual Convention of Chemists-2024 held at JECRC University, Jaipur, Rajasthan on 21st December 2024.
- Dr Ch. Subramanyam, Assistant Professor & HOD of Chemistry Department, has been selected as a reviewer for Springer Nature (Scientific Reports) publishers.
- Dr. S. Mohan, Assistant Professor of Chemistry Department, has published a paper on "Ultrasound-assisted synthesis of α-aminophosphonates using nano ZnO catalyst: evaluation of their anti-diabetic activity, Org. Commun. 17:4 (2024) 249-264.
- Dr. K Prasada Rao, Assistant Professor of Chemistry Department, has published a paper on "Ultrasound-assisted synthesis of α-aminophosphonates using nano ZnO catalyst: evaluation of their anti-diabetic activity, Org. Commun. 17:4 (2024) 249-264.
- Dr V . Syamala, Assistant Professor of Chemistry Department, has published a paper on "Hepatoprotective Activity of Polyherbal Formulation Encompassing Original Therapeutic Plants in Rats" Nanotechnology perceptions., Vol :20 2147-2152, 2024.
- Dr. Challa Venkata Lakshmi, Assistant Professor of English Department acted as the Convener for "A Session on Innovation through Language: The Magic of Natural Language Processing" on November 26, 2024, at Bapatla Engineering College.
- Dr. Challa Venkata Lakshmi, Assistant Professor of English Department, Faculty Organizer for the International Day for the Elimination of Violence Against Women, organized by the Women Empowerment Cell on November 25, 2024.
- Dr. Challa Venkata Lakshmi, Assistant Professor of English Department Organized an Ideation Pitch Fest in collaboration with Aikyam USA mentors on "Do It Yourself

- Medication (DIY-M)" on November 28, 2024, at the IIC Center, Bapatla Engineering College.
- Dr Shabreen Sultana Shaik, Assistant Professor of English Department, has Served as a Faculty coordinator in the International Faculty development Program (FDP) on Working with Emotional Intelligence and Life Skills Management (WEILSM) organized by the department of English, Bapatla Engineering College (Autonomous) in collaboration with English Language Teachers' Association of India (ELT@I) Guntur Chapter from 2nd December 2024 to 6th December 2024.
- Dr Shabreen Sultana Shaik, Assistant Professor of English Department, has served as a Host in ELTAI Webinar 128 on Doing Poetry-A Way to Become Comfortable with the Uncomfortable conducted by English Language Teachers' Association of India on 24th November, 2024.
- Dr Shabreen Sultana Shaik, Assistant Professor of English Department, has Participated and Presented a paper titled Artificial Intelligence (AI) in Linguistics: Transforming English Language Acquisition and Communication in the 18th International & 54th Annual Conference of ELTAI Exploring Languages and Literatures for Evolving Pedagogical Practices hosted by The Assam Royal Global University, Guwahati and Sonapur College, Sonapur, Assam during 23rd to 26th October, 2024.
- Dr Shabreen Sultana Shaik, Assistant Professor of English Department, has served as a chairperson for the Paper Presentation Session in the 18th International & 54th Annual Conference of ELTAI Exploring Languages and Literatures for Evolving Pedagogical Practices hosted by The Assam Royal Global University, Guwahati and Sonapur College, Sonapur, Assam during 23rd to 26th October, 2024.
- Dr Shabreen Sultana Shaik, Assistant Professor of English Department, has served as a reviewer of the abstract submitted for presentation at the 18th International & 54th Annual Conference of ELTAI Exploring Languages and Literatures for Evolving Pedagogical Practices hosted by The Assam Royal Global University, Guwahati and Sonapur College, Sonapur, Assam during 23rd to 26th October, 2024.
- Dr Shabreen Sultana Shaik, Assistant Professor of English Department, has served as a Judge for the Best Presentation Awards in the 18th International & 54th Annual Conference of ELTAI Exploring Languages and Literatures for Evolving Pedagogical Practices hosted by The Assam Royal Global University, Guwahati and Sonapur College, Sonapur, Assam during 23rd to 26th October, 2024.
- Dr. K.V.L.N. Acharyulu, Associate Professor & Head of the Department of Mathematics has reviewed a Research Article for Applied Mathematics, ISSN Print: 2152-7385, ISSN Online: 2152-7393, Scientific Research Publishing, USA.
- Dr. K.V.L.N. Acharyulu, Associate Professor & Head of the Department of Mathematics has reviewed a Research Article for **Athens Institute for Education and Research**, ISSN 2241-7958, **Greece.**
- Dr. K.V.L.N. Acharyulu, Associate Professor & Head of the Department of Mathematics has Published a Chapter "Special Stable Cases in the Mathematical Modeling of Harvested Amensal-Enemy Species Pair with Resource Limitations" in an International Edition , ISBN:978-93-84443-42-9, International Research Publications House, Delhi.

- Dr. K.V.L.N. Acharyulu, Associate Professor & Head of the Department of Mathematics has Published a Chapter "Peculiar Unstable Cases in the Mathematical Modeling of Harvested Amensal-Enemy Species Pair with Resource Limitations" in an International Edition , ISBN:978-93-84443-42-9, International Research Publications House, Delhi.
- Dr. T. Srinivasa Rao, Mr. N. Karunakar, Dr. Noorbhasha Rafi & Dr. M. Balaih from the Department of Mathematics have successfully completed NPTEL online certification course on 'Essential Mathematics for Machine Learning' offered by NPTEL-AICTE.
- Dr. Noorbhasha Rafi, Dr.Pavuluri Vijaya Saradhi & Dr. Mothukuri Balaiah from the Department of Mathematics have published a paper on "The Space of Minimal Prime D-filters of Almost Distributive Lattices "Journal of Discussions Mathematical General Algebra and Applications, (DMGAA), Scopus indexed journal, Volume-44, Issue-2,2024.
- Dr. Noor Bhasha Rafi & M. Sambasiva Rao from the Department of Mathematics have published a paper on "Intrinsic Prime Spectrum of Almost Distributive Lattices" Palestine Journal of Mathematics, Scopus indexed journal, Volume-13, Issue-4, 2024.
- Natnael Teshale A., Dr. N. Rafi and Y. Monikarchana have published a paper on "v-ideals of Almost Distributive Lattice "Palestine Journal of Mathematics Scopus indexed journal, Volume-13, Issue-4, 2024.
- Dr. K.V.L.N. Acharyulu (Convener), Dr. T. Srinivasa Rao (Co-Convener), Sri. N. Karunakar (Staff Coordinator), Ms. I. Rajeswari (Staff Organizer) and K. Sunitha (Staff Organizer) From the Department of Mathematics organized one-week online international Faculty Development Program (FDP) "Innovative Applications of Mathematics (IAM-2024)" from November 18th to 23rd, 2024.
- Dr. K.V.L.N. Acharyulu (Convener), Dr. P. Vijaya Saradhi (Co-Convener), Dr. M. Balaiah (Staff Coordinator), Sri I. Pothuraju (Staff Organizer), Ms. K. Nagamani (Staff Organizer) From the Department of Mathematics organised one-week online international workshop" **Bridging Ideas and Innovations (MBII 2024)**" from December 16th to 21st, 2024.
- Dr M.V. Sambasiva Rao participated in the Faculty Development Program (FDP) on "Recent Trends in Engineering Physics," July 10 to November 7, 2024, at BSIET, Kolhapur.
- Dr M.V. Sambasiva Rao attended the NITTR FDP on "Preparing Students for Job Interviews" from October 7 to October 11, 2024, organized by NITTR Chandigarh, specifically for the Education and Educational Management Department.
- Dr. M.V. Sambasiva Rao took part in the FDP on "Recent Advances in Nanotechnology and its Applications" from January 1 to January 5, 2025, at BSIET, Kolhapur. He presented a paper at the 68th DAESSPS (Solid State Physics Symposium) held from December 18 to December 22, 2024, at BARC, Mumbai, which was sponsored by BRNS, DAE, Government of India.
- Dr. M.V. Sambasiva participated in the NITTR FDP on "Curriculum Design and Implementation" from November 18 to November 22, 2024, at NITTR Chandigarh, and in the
- Dr. M.V. Sambasiva participated in the FDP on "Innovative Applications of Mathematics" from November 18 to November 23, 2024, at Bapatla Engineering College.

- Additionally, he attended the FDP on "Current Trends in Electronic Materials" on January 25, 2025, at Mall Reddy Engineering College.
- Dr. V. Aruna participated in the FDP on "Innovative Applications for Mathematics" from November 18 to November 23, 2024, at Bapatla Engineering College.
- Dr. V. Aruna attended the FDP on "Working with Emotional Intelligence and Life Skills Management" from December 2 to December 6, 2024, at Bapatla Engineering College, and participated in the event "Mathematics: Bridging Ideas and Innovations" from December 16 to December 21, 2024, also at Bapatla Engineering College.
- Dr. Ch. Anjaneyulu attended the conference on "Foundational Sciences: The Cornerstones of Engineering" from August 8 to August 10, 2024, organized by the Department of Freshman Engineering at Sphoorthy Engineering College in Hyderabad. He also participated in the FDP on "Working with Emotional Intelligence and Life Skills Management (WELSM)" from December 2 to December 6, 2024, organized by the Department of English at Bapatla Engineering College in collaboration with ELT@I Guntur Chapter.
- Mr L. Nageswara Rao participated in the NEP 2020 Orientation & Sensitization Programme under the Malaviya Mission Teacher Training Programme (MM-TTP) of UGC, which took place from June 6 to June 15, 2024, at UGC-MMTTC, Sri Venkateswara University, Tirupati.
- Mr Y. Chaitanya attended the conference on "Advances in Semiconductor and Photonic Devices (ASPD-2024)" from August 12 to August 17, 2024, at Vasavi College of Engineering.
- Dr. Ch. Anjaneyulu participated in the event on "Current Trends in Electronic Materials" on January 25, 2025, organized by the Department of Humanities & Sciences (Physics) at Malla Reddy College of Engineering in Hyderabad



Workshops/FDPs attended by the faculty

Department	Name of the Event	Title	Faculty Name	Organizers
CSE	FDP	AI for Engineering Applications	Dr N. Sudhakar	Electronics and Communication Engineering Department, at Prasad V Potluri Siddhartha Institute of Technology, Kanuru, Vijayawada
CSE	FDP	Data Science using Python	Dr N. Sudhakar	Electronics and Communication Engineering Department at NITTTR, Chandigarh
CSE	FDP	Two Week Winter School on Computer Vision and Speech Processing	Dr N. Sudhakar	Department of Artificial Intelligence and Machine Learning, Chaitanya Bharathi Institute of Technology (Autonomous), Gandi pet, Hyderabad - 500075, Telangana, India
CSE	FDP	AI Tools and Chat GPT Workshop	Dr D. Kishore Babu	be10x, AI Tools
CSE	FDP	Data Science and Machine learning Applications for Engineering and Sciences	Dr D. Kishore Babu	Sri Vishnu Engineering College for women(autonomous), Bhimavaram.
CSE	FDP	High Performance Computing for Data Intensive and Complex AI Applications	Dr D. Kishore Babu	Chaitanya Bharathi Institute of Technology, Gandi pet, Hyderabad - 500075, Telangana, India

CSE	FDP	Emerging Frontiers in AI: From Data Science to Generative AI and its Applications	Dr D. Kishore Babu	Andhra Loyola Institute of Engineering and Technology-Vijayawada
CSE	FDP	Future Prospects in Renewable Energy and Waste Heat Recovery Systems	Dr D. Kishore Babu	Department of Mechanical Engineering, Dream Institute of Technology, Kolkata
CSE	FDP	Two Week Winter School on Computer Vision and Speech Processing	Dr D. Kishore Babu	Department of Artificial Intelligence and Machine Learning, Chaitanya Bharathi Institute of Technology (Autonomous), Gandi pet, Hyderabad - 500075, Telangana, India
CSE	FDP	Innovative Applications of Mathematics	Dr K. Mani Deep	Department of Mathematics, Bapatla Engineering College
CSE	FDP	High Performance Computing for Data Intensive and Complex AI Applications	Dr K, Mani Deep	Chaitanya Bharathi Institute of Technology, Gandi pet, Hyderabad - 500075, Telangana, India
CSE	FDP	Innovating with Generative AI: Transforming Large Language Models for Real-World Applications	Dr K. Mani Deep	K G Reddy College of Engineering College and & Technology
CSE	FDP	Quantum Computing	Dr K. Mani Deep	Dhanalakshmi Srinivasan Engineering College
CSE	FDP	AI for Engineering Applications	Dr K. Mani Deep	Electronics and Communication Engineering Department, at Prasad V

				Potluri Siddhartha Institute of Technology, Kanuru, Vijayawada	
CSE	FDP	High-performance computing (HPC)	Dr K. Mani Deep	P.S.V. College of Engineering and Technology, Vijayawada	
CSE	FDP	The Revolution of Large Language Models (LLMs) in Artificial Intelligence	Dr K. Mani Deep	Vidya Jyothi Institute of Technology	
CSE	FDP	Working with Emotional Intelligence and Life Skills Management (WEILSM)	Dr K. Mani Deep	Department of English, Bapatla Engineering College (Autonoumous) in Collaboration with ELT@I Guntur Chapter	
CSE	FDP	Two Week Winter School on Computer Vision and Speech Processing	Dr D.N.V. Syam Kumar	Department of Artificial Intelligence and Machine Learning, Chaitanya Bharathi Institute of Technology (Autonomous), Gandi pet, Hyderabad - 500075, Telangana, India	
CSE	FDP	AI in Cybersecurity-Securing the Digital Future	Dr D.N.V. Syam Kumar	Dept of AI&DS, Lakireddy Bali Reddy College of Engineering, Mylavaram	
CSE	FDP	Recent Research Trends in Computer Science and Information Technology	Dr D.N.V. Syam Kumar	Department of Computer Science and Engineering, SSET, Sharda University, Greater Noida	
CSE	FDP	Empowering Education through E-Learning and Digital Tools	Dr D.N.V. Syam Kumar	Vaagdevi Engineering College, Telangana, India & RSP Research Hub Coimbatore,	

				Tamilnadu, India
CSE	FDP	Two Week Winter School on Computer Vision and Speech Processing	Mrs.Ch. Mangamma	Department of Artificial Intelligence and Machine Learning, Chaitanya Bharathi Institute of Technology (Autonomous), Gandi pet, Hyderabad - 500075, Telangana, India
CSE	FDP	High Performance Computing for Data Intensive and Complex AI Applications	Mr K. Siva Kumar	Chaitanya Bharathi Institute of Technology, Gandi pet, Hyderabad - 500075, Telangana, India
CSE	FDP	AI in Cybersecurity-Securing the Digital Future	Mr K. Siva Kumar	Dept of AI&DS, Lakireddy Bali Reddy College of Engineering, Mylavaram
CSE	FDP	Innovating with Generative AI: Transforming Large Language Models for Real-World Applications	Mr S. Naga Chandra Sekhar	K G Reddy College of Engineering College and & Technology
CSE	FDP	High Performance Computing for Data Intensive and Complex AI Applications	Mr S. Naga Chandra Sekhar	Chaitanya Bharathi Institute of Technology, Gandi pet, Hyderabad - 500075, Telangana, India
CSE	FDP	Innovative Applications of Mathematics	Mr S. Naga Chandra Sekhar	Department of Mathematics, Bapatla Engineering College
CSE	FDP	Advanced AI Tools for Preparing Research Papers	Mr S. Naga Chandra Sekhar	SASI Institute of Technology and Engineering, Tanuku.
CSE	FDP	Recent Trends in Machine Learning and	Mr S. Naga Chandra	Department Of Computer Science &

		Artificial Intelligence	Sekhar	Engineering, SRET in association with CSI &ISTE. Tirupathi
CSE	FDP	Innovating with Generative AI: Transforming Large Language Models for Real-World Applications	Mr Kumara Raja Jetti	K G Reddy College of Engineering College and & Technology
CSE	FDP	High Performance Computing for Data Intensive and Complex AI Applications	Mr A. Gopinath	Chaitanya Bharathi Institute of Technology, Gandi pet, Hyderabad - 500075, Telangana, India
IT	FDP	Empowering the Future of AI with Quantum Computing	Dr K.Srinivasa Rao	VNR Vignana Jyothi Institute of Engineering and Technology
IT	FDP	Introduction to Internet of Things	Dr B.Krishnayya	NPTEL(12 Weeks) By IIT Madras
IT	FDP	The Joy of Computing using Python	MrB.B.K. Prasad	NPTEL(12 Weeks) By IIT Madras
IT	FDP	Software Engineering	Mr G. Prasad	NPTEL(12 Weeks) By IIT Madras
IT	FDP	Recent Trends and Predictions in Cyber Security	Mrs P. Surekha	Madanapalle Institute of Technology and Science
IT	FDP	Recent Trends and Predictions in Cyber Security	Mrs D. Karunamma	Madanapalle Institute of Technology and Science
Civil Engineering	FDP	Building Web Development Solutions With Cloud Computing	Dr T. Chandra Sekhar Rao	EDUNET, AICTE
Civil Engineering	FDP	Working with Emotional Intelligence and Life Skills Management	Mr T. Chiranjeevi	Department of English, Bapatla Engineering College (Autonoumous) in Collaboration with ELT@I Guntur Chapter
Chemistry	FDP	Working with Emotional Intelligence and Life Skills Management (WEILSM)	Dr S. Mohan	Department of English, Bapatla Engineering College (Autonoumous) in Collaboration with ELT@I Guntur Chapter
Chemistry	FDP	Working with Emotional Intelligence and Life Skills	Dr N. Srinivasa Rao	Department of English, Bapatla Engineering College (Autonoumous)

		Management		in Collaboration with	
		(WEILSM)		ELT@I Guntur Chapter	
Chemistry	FDP	Innovative Applications of Mathematics	Dr N. Srinivasa Rao	Bapatla Engg college, Bapatla	
Chemistry	STTP	Advances in Integrated Maintenance, Health Management and Monitoring of Machine	Dr N. Srinivasa Rao	Bapatla Engg college, Bapatla	
Chemistry	FDP	Working with Emotional Intelligence and Life Skills Management (WEILSM)	Dr K. Lakshmi	Department of English, BEC, Bapatla	
Chemistry	FDP	Innovative Applications of Mathematics	Dr Madhavarao Vallabhaneni	Dept. of Maths, BEC	
Chemistry	FDP	Working with Emotional Intelligence and Life Skills Management	Dr Madhavarao Vallabhaneni	Department of English, Bapatla Engineering College (Autonoumous) in Collaboration with ELT@I Guntur Chapter	
Chemistry	Int.Nat. Conf.	CoE International Conference on Molecular Materials and Functions - 2024	Dr Madhavarao Vallabhaneni	Dept. of Chemistry, IIT-M	
Chemistry	STTP	Material Science and Nanotechnology	Dr Uma Maheswar Korrapati	UGC-MMTTC, Central University Of Kerala	
Chemistry	FDP	Working with Emotional Intelligence and Life Skills Management (WEILSM)	Dr P. Priyadarsini	Department of English, Bapatla Engineering College (Autonoumous) in Collaboration with ELT@I Guntur Chapter	
Chemistry	FDP	Innovative Applications of Mathematics	Dr P.Priyadarsini	Bapatla Engineering College	
Chemistry	FDP	Working with Emotional Intelligence and Life skill Management (WEILSM)	Dr V.Syamala	BEC. Bapatla. Department of English.	
Chemistry	FDP	Innovative Applications of Mathematics	Dr V.Syamala	BEC. Bapatla. Department of Mathematics.	
Chemistry	FDP	Innovative Approaches in Green Chemistry for addressing Emerging challenges in Chemical and Allied Sciences	Dr V.Syamala	JMJ College For Women (Autonomous)	
Chemistry	FDP	Working with	Dr Ch.	Department of English,	

		Emotional Intelligence and Life Skills Management (WEILSM) Organized by	Subramanyam	Bapatla Engineering College (Autonoumous) in Collaboration with ELT@I Guntur Chapter
Chemistry	Int.Con.	Emerging Trends in Chemistry to Revolutionise Indian Chemical Industries for Vikshit Bharat @2047	Dr Ch. Subramanyam	Department of Chemistry, School of Science, JECRC University, Jaipur, Rajasthan, (India)
Chemistry	Int.Con.	Indian Chemical Society Research excellence award	Dr Ch. Subramanyam	Department of Chemistry, School of Science, JECRC University, Jaipur, Rajasthan, (India)
English	FDP	"Empowering Educators to Elevate Employability Skills,"	Dr Challa Venkata Lakshmi	LBRCE, Vijayawada
English	STTP	The Foundation Level Innovation Ambassador (IA) training,	Dr Challa Venkata Lakshmi	The Ministry of Education's Innovation Cell and AICTE
English	STTP	The Reskilling Innovat ion Ambassador (IA) training,	Dr Challa Venkata Lakshmi	The Ministry of Education's Innovation Cell and AICTE
English	STTP	The Advanced Level Innovation Ambassador (IA) training,	Dr Challa Venkata Lakshmi	The Ministry of Education's Innovation Cell and AICTE
English	FDP	AI Tools and Techniques for Research	Dr Shabreen Sultana Shaik	Andhra Loyola College, Vijayawada
English	FDP	NEP 2020 Orientation & Sensitization Programme (MM-TTP) of UGC	Dr Shabreen Sultana Shaik	IIT Kharagpur
English	FDP	How Not to Write Using Generative AI	Dr Shabreen Sultana Shaik	VIT-AP University

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Placements Data

S.No	Regd.No	Name of the Student	Company	Gender	Salary (LPA)
1	Y21AIT407	B D Sathya Ganesh	Accenture	Male	4.5
2	Y21AIT429	G Kokila	Accenture	Female	4.5
3	Y21AIT478	P Sai Srujana	Accenture	Female	4.5
4	Y21AIT500	Sk Mie Munnisha	Accenture	Female	4.5
5	L22AIT524	A Amrutha Raju	Zentree Labs	Male	3
6	Y21AIT516	V Hari Veerendra	Zentree Labs	Male	3
7	Y21AIT479	P Lokesh Srinivas Bhaskar	Zentree Labs	Male	3
8	Y21AIT472	N Surya Kiran	Zentree Labs	Male	3
9	Y21AIT406	A Venkata Sai Ram	Zentree Labs	Male	3
10	Y21AIT497	Sk Esha Mehthab	TCS	Male	3.36



NSS Activities



Medical Camp at Vedullapalli in association with GBR Foundation, Vijayawada on 6th Oct, 2024



National Unity Day was celebrated in the campus on 30th Oct, 2024



NSS DO visit to the campus on 2nd Nov, 2024



Medical camp at BEC in association withdoLifeSuper Speciality Hospital, Vijayawada on 14th Nov, 2024



Awareness program on Fire Safety at BEC on 22nd Nov, 2024



National Constitutional Day Celebrations at BEC on 26th Nov, 2024



Awareness program on Thalasemia in association with Rotary Club, Bapatla on 9th Dec, 2024



Awareness Program on Child Marriages on 26th Dec, 2024

TEAM CCA



BEC students participated in YUVA UTSAV 2024 – District Level Competition held in Bapatla District on 6th Dec, 2024



CCA from BEC Shines at VIVA VVIT FEST 2024 hosted by VVIT College on 21st & 22nd Dec, 2024



Our students actively participated in COLORIDO 2024, the grand fest hosted by RVR & JC College of Engineering on 27th Dec, 2024

