



RGM RAYS



RESPLENDENT ACTIVITIES OF YESTER SEMESTER

THE INSTITUTE NEWSLETTER

Rajeev Gandhi Memorial College of Engineering & Technology (Autonomous) Nandyal - 518501

Approved by AICTE-Accredited by NBA, Participated in World Bank TEQIP, Affiliated to JNTU, Anantapuramu

VOLUME - XXIV

ISSUE - 02

JULY-DEC : 2024



Dr. M. Santhiramudu, Chairman of RGM Group of Institutions,
Principal **Dr. T. Jayachandra Prasad** and Dean Administration
Dr. D V. Ashok Kumar with Toppers who received cash-incentives
for the academic year 2023-2024.



Chief Patron

Dr. M. Santhiramudu

Chairman - RGM
Group of Institutions
NANDYAL

WAYS PANEL

Dr. T. Jayachandra Prasad

Principal

and

The Department of English

WAYS STORY BOARD

✦ AWARDS & HONORS ✦ NICETIES OF THE DEPARTMENTS ✦ FACULTY ACHIEVEMENTS ✦ CAMPUS DRIVE ✦ NSS



Engineering is a crucial part of our society because it provides solutions to the problems we face in our daily lives. A new era in working environment has started, which characteristics are peculiar due to new communications, mobility and globalization. These aspects lead to the fact that now it is also important to train engineers with tools that enable them to act in a working environment that demands a very flexible and innovative mind in order to be inserted in and to keep up with the work market. Knowledge in Basic Sciences, Basic Sciences of Engineering and Specifics of Engineering are fundamental for the training of an engineer. The well recognized principle of sustainable development for the protection and improvement of environment has been unanimously accepted by the world countries as a strategy that caters to the needs of the present without depriving the future generations of their right to available natural resources. In other words, the balance between environmental protection and developmental activities could only be maintained by strictly adhering to the principle of sustainable development. To cater to these needs, RGM CET has conducted several workshops, women empowerment oriented seminars and Technical symposia.

In addition, ethical engineering practices can promote innovation. Engineers who consider the potential social, environmental, and economic impacts of their work can develop solutions that are sustainable, efficient, and beneficial to society. By prioritizing ethical and responsible engineering practices, engineers can create technologies and systems that address real-world problems and promote human well-being. Moreover, ethical engineering practices can promote social justice. Engineers have a responsibility to consider the potential impacts of their work on marginalized and vulnerable communities. By prioritizing social responsibility, engineers can create technologies and systems that are accessible, equitable, and inclusive, and that promote social justice.

Dr. T. Jayachandra Prasad
Principal



Mr. C. Sankar Goud, Assistant Professor, Dept. of English received Doctorate from Yogi Vemuna University, Kadapa, on 01st August, 2024. He carried out his research on Diasporic Vision in the Select Novels of V.S. Naipaul under the supervision of Prof. G.Gulam Tariq, YVU, Kadapa.

Mr. M. Venugopal Naidu, Assistant Professor, Dept. of Mechanical Engineering, was awarded Doctorate from SV University, Tirupati on 02nd December, 2024 on the topic Experimental Investigation on Characterization of Arhar and Corn Based Reinforced Composites. His research was supervised by Dr. Diwakar Reddy, Professor, SV University, Tirupati.



Mr. S.V. Ratan Kumar, Assistant Professor, Dept. of ECE completed his Ph.D on the topic Design of digital logic circuits using carbon nano tube field effect transistor for ternary logic applications under the guidance of Prof. Dr. L. Koteswara Rao, K L University, Hyderabad. He was awarded the Doctorate from K L University, Hyderabad on 29th October, 2024.

Dr. Shaik Karimulla Basha, faculty of CSE- DS received the Best Teacher Award from National Teaching Excellence Awards 2024 on 11th November, 2024



Dr. Aliya Sultana, Asst. Professor, Department of MBA was bestowed with Best Faculty Award by the Knowledge Research Academy, Coimbatore, Tamilnadu in the recognition of her outstanding contribution in Academics and Research on 11th November, 24.

Dr. M. Sudheer Kumar, Department of MBA received an award - Talent Connect Excellence Award for his contribution in academics by Eduskills Connect on Next Gen Skill Conclave, New Delhi from 27th to 29th September, 2024.



Cash Incentives for Meritorious Students

The following students received Cash Incentives for Scoring 9.5 & above SGPA - Academic Year 2023-24. The Cash Incentives were bestowed by Sri. Dr. M. Santhiramudu, Chairman, RGM Group of Institutions.

| S.No. | Branch | Regd. No. | Name | SGPA |
|-------|------------|------------|----------------------------|--------|
| 1 | ECE | 23091A04K8 | ArigelaSurajMadhav | 9.5875 |
| 2 | CSE | 23091A0508 | AravetiAkshithaLaxmi | 9.55 |
| 3 | CSE | 23091A0525 | DomaBharathi | 9.7 |
| 4 | CSE | 23091A0526 | SaaduBharathi | 9.625 |
| 5 | CSE | 23091A05A0 | Mahankali Lakshmi Kumuda | 9.7125 |
| 6 | CSE(AI&ML) | 23091A3316 | Kethepalle Guru SaiSulekha | 9.5375 |
| 7 | CSE&BS | 23091A3442 | ShaikSameera Begum | 9.5375 |



Dr. M. Santhiramudu, Chairman, RGM Group of Institutions, presenting the Cash Incentives to the Rankers along with the Principal **Dr. T. Jayachandra Prasad** and Dean Administration **Dr. D V. Ashok Kumar**.

FDP – UNIVERSAL HUMAN VALUES (AICTE)

A Three-Day Faculty Development Program on Universal Human Values was organized by Rajeev Gandhi Memorial College of Engineering & Technology, during 09-08-2024 to 11-08-2024. The program was self-funded and approved by AICTE, New Delhi. **Dr. N.Sunil Kumar**, Professor and HoD, Cochin University of Science and Technology, Kochi attended as resource person and **Dr. KalluruSesha Maheswaramma**, Professor and HoD, H&SS, JNTUA College of Engineering (Autonomous), Pulivendula, contributed as a Co-facilitator for the program. A total of 115 faculty members from RGM CET and SREC, Nandyal, participated in the FDP.



Dr. T. Jayachandra Prasad, Principal, RGM CET, Resource Person **Dr. N. Sunil Kumar**, organizing committee members, faculty members and student organizers at valedictory.

International Girl Child Day



The Women Empowerment Cell conducted an event - International Girl Child Day – Protect & Promote Girl Rights on 04th October 2024. Mrs. Hemalatha, Advocate, and Mr. Linga Reddy, Advocate, Kurnool attended as Guest Speakers for the Event. Professor Ramireddy, Dean-Student affairs, Prof. Suneetha Yadav, Dr. Sowjanya, HoD MBA, senior faculty, Women Cell Coordinator Mrs. Haritha were present. Nearly 180 girl students participated in the event.

Hemalatha, Advocate, Dean student Affairs, Faculty members at the event

DEPARTMENT OF CIVIL ENGINEERING

Faculty Research Publications in International Journals

- **Dr. B.Naga Kiran** published a paper entitled Synergistic effects of *grapheme oxide and limestone calcined clay cement on mechanical properties and durability of concrete* in the Journal of Building Pathology and Rehabilitation, Vol:9, 3rd July, 2024. <https://doi.org/10.53555/jaz.v45i2.3813>. (SCI)
- **Dr.B.Naga Kiran** published a paper entitled *Optical, Vibrational, and photoluminescence properties of holmium-doped boro-bismuth-germanate glasses* in the Journal of LUMINESCENCE – The Journal of Biological and Chemical Luminescence, Vol:39, Issue:7, 17th July, 2024. DOI: <https://doi.org/10.1002/bio.4822> (SCI)
- **Dr. Chenna Rajaram** published a paper entitled *Assessment of seismic potential impacts of an Mw 8.4 hypothetical earthquake in central Nepal province* in the Natural Hazards Research, ISSN: 2666-5921, 23rd October, 2024. DOI: <https://doi.org/10.1016/j.nhres.2024.10.006>. (SCI)

FDP/ Seminars/ Workshops Attended

- **Dr. G. Sreenivasulu** attended a Faculty Development program on *Graphic Design Essentials (EdX Course)* by LCI Education, 01st July, 2024.
- **Mr. S. Sudheer Kumar** attended a Faculty Development program on *Road Safety in the Caribbean Region* (EdX Course) through BID Academy, 06th July, 2024.
- **Dr. B. Naga Kiran** attended a Faculty Development program on *AI and Gen AI with Industry Application* by The National Institute of Engineering-Mysore from March 16th to July 22nd, 2024.
- **Ms. Snigdha Malya** attended a Faculty Development program on *National Intellectual Property Awareness Mission* by Intellectual Property Office, 30th July, 2024.
- **Dr. C. Rajaram** attended a Faculty Development program on Universal Human Values-1 organized by AICTE during 09th to 11th August, 2024 at RGM CET.
- **Mr. S Sudheer Kumar** attended a Faculty Development Program on *“Advanced Level”* by MoE's Innovation cell 20th August, 2024.
- **Dr. B Naga Kiran** attended a Faculty Development Program on *Data Base Management System through AICTE* from July to September, 2024.

- **Mr. M Umar Basha** attended a Faculty Development Program on *“Data Science for Engineers”* by AICTE from July to September, 2024
- **Mr. D. VenkataPrudhvi Raj** attended a Faculty Development Program on *“Sustainable Construction Materials & Technologies”* by AITS, Kadapa during 17th to 21st September, 2024.
- **Dr. M. Sunandana Reddy** attended a Faculty Development Program on *“Data Science Using Python”* through NPTEL (SWAYAM) from July to October, 2024.
- **Dr. M. Sunandana Reddy** attended a Faculty Development Program on *“Machine Learning in Remote Sensing”* by IIIT KDM, Kurnool during 01st to 03rd November, 2024.
- **Dr. C. Rajaram** attended a Faculty Development program on *“Welcome Course for Editorial Board Members”* by Scientific Reports-Nature Portfolio on 06th November, 2024.

Book Publication

- **Dr. Gopu Sreenivasulu** published a book entitled *Water Resources Engineering Hydrologic Analysis and Designs* by Indo-Continental Academic Publishers with ISBN:978-81-978376-8-5, e-ISBN:978-81-978376-1-6, in 2024. DOI: 10.5281/zenodo.13626278.

DEPARTMENT OF MECHANICAL ENGINEERING

Faculty Research Publications in International Journals

- **Dr.U.Rajak and Dr. ManojPanchal** published a paper entitled "*A numerical investigation on a diesel engine characteristic fueled using 3D CFD approach*" in Fuel, Vol:368, 15th July, 2024. <https://doi.org/10.1016/j.fuel.2024.131488> (SCIE).
- **Dr.U.Rajak and Dr. ManojPanchal** published a paper on "*Predict the characteristics of the DI engine with various injection timings by Glycine max oil biofuel using artificial neural networks*" in the journal of Environmental Science and Pollution Research, 1-16. 25th July, 2024.DOI: 10.1007/s11356-024-34429-w, (SCIE).
- **Dr.U.Rajak and Dr. ManojPanchal** published a paper entitled "*The effect of thermal radiation using different models on methane–air flames combustion modeling using CFD*" in the journal of Environment, Development and Sustainability, 1-23. (SCIE).
- **Dr. Syed Altaf Hussain** et.al., published a paper -"*Turning GFRP composites with multi-response optimization using TOPSIS method*" in the journal of Interactive Design and Manufacturing (IJDDeM), ISSN: 1955-2513, Pp:1-13, DOI.10.1007/s12008-024-01762-w
- **Dr. U.Rajak** published a paper -"*An Evaluation of the Effect of Fuel Injection on the Performance and Emission Characteristics of a Diesel Engine Fueled with Plastic-Oil–Hydrogen–Diesel Blends*" in the journal of Applied Sciences, 14(15), 6539. <https://doi.org/10.3390/app14156539>
- **Dr. U.Rajak** published a paper entitled "*Detailed experimental investigation and optimization of oxygenated dig Lyne–diesel–n-pentanol ternary blends on compression ignition engine behaviors*" in the Journal of Thermal Analysis and Calorimetry, Vol:149, Pp:13215–13232, November 2024. <https://doi.org/10.1007/s10973-024-13685-5>
- **Dr. K. Sudha Madhuri** published a paper entitled "*Numerical exploration of heat transfer and friction factor in corrugated dual-pipe heat exchangers using SiO₂ and CuO nanofluids*" in the journal of Thermal Science and Engineering Progress Vol:56, December, 2024, 103076 <https://doi.org/10.1016/j.tsep.2024.103076>.
- **Dr. K. Sudha Madhuri** published a paper entitled "*Evaluation of the impact of oleic acid-capped Al₂O₃ nanoparticles on the tribological performance of conventional lube oil*" in the journal of Industrial Lubrication and Tribology © Emerald Publishing Limited, ISSN: 0036-8792, DOI 10.1108/ILT-06-2024-0236

- **Dr. B. Sidda Reddy** published a paper entitled *“Analyzing the Buckling Behavior of In-plane Bidi-rectional Functionally Graded Porous Plates”* in the journal of Computational Applied Mechanics, 55(3), 322-339. DOI: 10.22059/jcamech, 2024. 373641.995
- **Dr. ManojPanchal** published a paper entitled *“Synthesis of Nano chitosan from crab shells: an assessment of morphology, dye adsorption capability and antibacterial characteristics as future prospects for wastewater treatment”* in the journal of Physics: Conference Series (Vol: 2837, No. 1, p. 012011). IOP Publishing. (Scopus).
- **Y. Suresh Babu and Dr. SyedAltafHussain** published a paper entitled *“Laser Cutting: A Review on CNT Reinforced Alumina Composites”* in the journal of Pensee, Vol: 50, 2024, Pp: 1231-1243. ISSN: 0031-4773.
- **Venugopal Naidu M** published a paper entitled *“Productivity Enhancement by time Study Analysis of an Assembly Line in an Automotive Industry”* in the journal of Industrial Engineering, ISSN: 0970-2555, Vol: 53, Issue:11, November, 2024. http://www.journal-iiie-india.com/1_nov_24/25_online_nov.pdf

Conferences Attended

- **M. KhajaGulamHussain and Dr. SyedAltafHussain** presented a paper on *A Review: Study of WEDM Parameters on AZ31 Magnesium Alloy* in INC (ICMMSD-2K24) organized by GPREC, Kurnool, during 22nd to 23rd November, 2024.



**Dr. Altaf Hussain
Receiving the
Certificate from the
Authorities at GPREC,
Kurnool**

- **Venugopal Naidu. M** presented a paper on *“Experimental Investigation on Degradable and Strength Weakening Characteristics of Arhar Composite”* at 14th International Conference organized by Gitam University from 28th November to 01st December, 2024.
- **Dr. B. Sidda Reddy** presented a paper on *“Effect of Vibration Control Mechanisms on the Vibrational Behaviour of Al 6061/SiC Composite Beam, MATEC”* on Web Conference 405, 02003. DOI: <https://doi.org/10.1051/matecconf/202440502003>.

Book Publication

Dr. U.Rajakauthored a book entitled *Clean Energy: Technology, Advances, and Applications*, published by CRC Press, December, 2024. ISBN: 9781003521341. <https://doi.org/10.1201/9781003521341>.

DEPARTMENT OF EEE

Faculty Research Publications in International Journals

- **D. Lenine**, published a paper entitled "*Ant Colony Optimization Technique Based Harmonic Suppression in Active Power Filters*" in International Journal of Integrated Engineering Vol:16, Issue:7, ISSN: 2229-838X, Pp: 188-198, 2024.
- **D. Lenine**, published a paper on "*Gaps of Indian Electrical Energy Sector and its Optimal Mitigation by using Optimal Utilization of Indian Renewable Energy Policy With the Help of The P&O MPPT Technique*" in Archives for Technical Sciences Vol:2, Issue:31, ISSN: 1840-4855, Pp.94-115, 2024.
- **Dr.J. Surya Kumari**, published a paper entitled "*Simulation and Design of Modified Adaptive-based Maximum Power Point Tracking Methods for Photovoltaic Systems*" in an International Journal of Integrated Engineering Vol:16, Issue:7, ISSN: 2229-838X, Pp:176-187, 2024.
- **P. Sai Sampath Kumar**, published a paper on "*Design and Investigation of Sliding Mode Control Based DC-link Converter of Hybrid Microgrid System*" in an International Journal of Integrated Engineering Vol:16. Issue:7, ISSN:2229-838X, Pp. 346-357, 2024.
- **P. SaiSampath Kumar**, published a paper -"*Performance improvement of predictive voltage control for interlinking converters of integrated micro grid*", in the Journal of Measurement: Sensors Vol:33, ISSN: 2665-9174, 2024.

FDP/Seminar /Workshop/Conference Attended

- **Mr. P. SaiSampath Kumar** presented a paper entitled *Design and Implementation of Integrated Micro grid Based Predictive Control Scheme* at 5th Global Conference for Advancement in Technology (GCAT) during 4th to 6th October, 2024.
- **Dr. D. Lenine and Mr P SaiSampath Kumar** presented a paper entitled *Performance Analysis of an Integrated Micro grid Based Predictive Control Scheme*, at Third International Conference on Electrical, Electronics, Information and Communication Technologies (ICEEICT) ISBN:979-8-3503-6908-3/24/\$31.00©2024 IEEE Xplore. DOI: 10.1109/ICEEICT6159, in2024.

- **Dr. V Naga Bhaskar Reddy** attended a Faculty Development Program on *Machine Learning*, sponsored by AICTE in August, 2024.
- **Mr. Y. Vijaya Sureshand Dr. K Pahlada Reddy** attended a Faculty Development Program on *Artificial Intelligence and Data Science*, organized by self-Finance PVT, in September, 2024.
- **Mr. J. Nagarjuna Reddy** et.al., attended a Faculty Development Program on *Blocks chain and Data Science* in August, 2024.
- **Dr. K Pahlada Reddy** attended a Faculty Development Program on *The future of Quantum computing and High-Performance Computing (HPC)*, organized by P.S.V. College of Engineering and Technology, Elathagiri, Tamil Nadu, in December, 2024.
- **Dr. K. Pahlada Reddy**, attended a Faculty Development Program on *AI-Driven Pedagogy: Enhancing Teaching and Learning Experiences*, organized by Chanderprahu Jain College of Higher studies, New Delhi, in August, 2024.
- **Mr. P. SaiSampath Kumar, Mr. T Ashok Kumar and Mr. K Rajesh** attended a Faculty Development Program on *Role of Power Electronics in Electric Vehicle Technology*, organized by KKR & KSR Institute of Technology and Sciences, Guntur, in November, 2024.
- **Dr. K. Pahlada Reddy** et.al., attended a Faculty Development Program on Inculcating Universal Human Values in Technical Education, organized by RGM CET, in September, 2024.

Seminar Organized

The department initiated **IEEE Student Chapter of PELS (Power Electronics Society)** in collaboration with IAS (Industry Applications Society) organized a seminar entitled Transforming Dreams into Financial Reality for students on 26th October, 2024.



Mr. Gnana Sainath Viswanadhuni, Managing Director – Optionerds, NISM Certified Investment Advisor, attended as resource person for this program. The event aimed to inspire students and professionals to align their aspirations with practical financial strategies.

Mr. Gnana Sainath Viswanadhuni, addressing the students

Guest Lectures Organized

- A lecture was organized on *Introduction to Robotics* on 10th July 2024. **Dr. G Satheesh**, Associate Professor, GPREC, Kurnool, contributed as a resource person for this program.
- A lecture on *Virtual Reality in Engineering Education* was conducted on 12th July, 2024. **Dr. C Harinath Reddy**, Associate Professor, GPREC, Kurnool, attended as a resource person for the program.

Patents

- **Mr. P Sai Samapth** published a Patent on *Deep Learning-Integrated* on 02nd August, 2024. Application No. 202441056319.

PG-AICTE Certification Programs

The following faculty members attend and received certificates

| S.No. | Name of the Faculty | QIP Centre | Sponsorship | Area of QIP |
|-------|---------------------------|----------------|--------------|--|
| 1 | Dr. V. Naga Bhaskar Reddy | IISC Bangalore | AICTE | Machine Learning |
| 2 | Mr. Y. Vijaya Suresh | IIIT Kottayam | Self-Finance | Artificial Intelligence and Data Science |
| 3 | Mr. J. Nagarjuna Reddy | IIT Patna | AICTE | Blockchain and Data Science |
| 4 | Mr. R. Satish Kumar | IIT Patna | AICTE | Blockchain and Data Science |
| 5 | Mr. K. Rajesh | IIT Patna | AICTE | Blockchain and Data Science |
| 6 | Mr. E. Narasimhulu | IIIT Kalyani | AICTE | Block chain and Cybersecurity |

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Faculty Research Publications in International Journals

- **Usen Dudekula** et.al., published a paper entitled *"Exclusive Optimization Techniques For Cesium Based Perovskite Solar Cell Forth Efficiency Increment"* in the Journal of Electronic Materials, in July, 2024. <https://link.springer.com/article/10.1007/s12596-024-02026-2> (Springer)
- **Usen Dudekula** et.al., Published a Paper entitled *"Optimization of efficiency of CZTS-based solar cell through exclusive BSF layer engineering method"* in the Journal of Electronic Materials. <https://doi.org/10.1016/j.jpcs.2024.112156>. (Springer)
- **R.Hanuma Naik** et.al., published a paper entitled *"Flow of Magneto hydrodynamic Maxwell Fluid in Darcy – Forchheimer Model, with Cattaneo – Christov Heat Flux, Over a Stretching Sheet Subjected to Convective Boundary Conditions"* in the Journal of East European Journal of Physics. Vol:3, Pp: 226-235, in 2024. DOI: 10.26565/2312-4334-2024-3-22 (Web of Science-ESCI)
- **Dr. P.V. Gopi Krishna Rao** et.al., published a paper entitled *"An Effective Hybrid Attention Model For Crop Yield Prediction Using IoT-Based Three-Phase Prediction With An Improved Sailfish Optimizer"* in the Journal of Expert Systems with Applications, Vol: 255, Part C, ISSN: 0957-4174, 2024. <https://doi.org/10.1016/j.eswa.2024.124740> (ESCI)
- **Maheswari and M.Salendra Govindarajulu**, presented a paper entitled *"A study on CNFET quaternary logic"* in the International Conference on Emerging Trends in Electronics and Communication Engineering, AIP proceedings, Vol: 3018, Issue: 1. Pp: 020079-1 to 020079-6, in 2024. <https://doi.org/10.1063/5.0212595> (Scopus)
- **Dr. J. Sofia Priyadharshini** et.al., published a paper entitled *"Multi-focus framework for image fusion"* in an International Conference on Emerging Trends in Electronics and Communication Engineering AIP Conference Proceedings, Vol: 3018, Issue: 1. Pp: 020080-1 to 020080-6, in 2024. <https://doi.org/10.1063/5.0212582> (Scopus)
- **N.Ramanjaneyulu**, et.al., presented a paper entitled *"Removal Of Specular Reflection Of An Image Using Dark Channel Prior"* in an International Conference on Emerging Trends in Electronics and Communication Engineering, AIP Conference Proceedings Vol: 3018, Issue: 1, Pp: 020078-1 to 020078-6, in 2024. <https://doi.org/10.1063/5.0212715> (Scopus)

- **Dr. P.Rangappa and Dr. A. Sathish** presented a paper entitled *"Comparative analysis of hybrid logic style full adders in multistage structures"* in an International Conference on Emerging Trends in Electronics and Communication Engineering, AIP Conference Proceedings, Vol: 3018, Issue-3, 2024. <https://doi.org/10.1063/5.0212733> (Scopus)
- **Dr. Venkataiah and Dr.VNV Satya Prakash** et.al., presented a paper entitled *"Design and performance analysis of CNTFET based ternary encoders for next generation communication systems"* in AIP Conference Proceedings Vol: 3018, Issue:1, 2024. <https://doi.org/10.1063/5.0212512> (Scopus)
- **Sireesha Ramanathula** presented a paper entitled *"KongalaClustering based emotional speech recognition using fuzzy and K-means for Tamil language"* AIP Conference Proceedings, Vol:3028, Issue:1, 2024. <https://doi.org/10.1063/5.0213359>(Scopus)

Book Publication

- **Y.Madhusudhana Reddy** authored a book entitled *Diagnosis of Diabetic Retinopathy through Retinal Image Segmentation* published by LAMBERT Academic Publications, ISBN: 978-620-7-47555-1, July, 2024.
- **Dr.P.V. Gopikrishna Rao**, et.al., authored a book entitled *Techniques for Object Edge Detection and Multi Scale Contextual Information* published by VSRD Academic Publishing (A division of Visual soft India Pvt. Ltd) ISBN:13:978-81-972449-7-1, in July, 2024.

Workshops/Guest Lecture Organized



- The department organized a Guest Lecture talk on *"Intersectionality and Mental Health"*, on 20th July, 2024. **Dr. Vishnu Priya**, M.D, Psychiatrist, Santhiram Medical College, Nandyal delivered her lecture. A total of 250 students, HOD and faculty members of ECE have participated in the program.

- A talk on Conformal and Flexible Antennas for Future Communication Systems was organized on 30th July, 2024. Dr. B T. P. Madhav distinguished academician and researcher from K L Deemed to be University, attended as Guest Speaker of the program



• The department also organized a Guest Lecture on *Exposure on Solar Power Generation-Theoretical Versus Practical Analogy* on 14th August, 2024 in association with IEEE. **Mr. P. Venkateswarlu**, Electrical Manager, from O&M, Kandikayapalle, attended as a Guest Speaker for this program. The lecture was held on the current requirement of exposure on solar power generation-theoretical versus practical analogy in the industry.



Mr. Narendra Kadiri addressing the students

A Guest lecture on *Biomedical Engineering Programs in India* was held on 17th September, 2024. **Mr. S. Kumar** Vice-President-Technical & Business Development, TMI Systems, Bengaluru, provided key aspects on how to anticipate the special difficulties in working with living systems and to evaluate a wide range of possible approaches to solutions.



RGM College of Engineering and Technology
(Autonomous)
NANDYAL, A.P.
Department of Electronics and Communication Engineering
Six Days Workshop on
"Nano Scale VLSI System Design using CADENCE Tool"
Dates: 23-09-24 to 28-09-2024 Time: 9 AM to 11:50 AM
Venue: RB 3080, RGM CET

RESOURCE PERSONS:

Dr. N. Ramanjaneyulu
Associate Professor,
Dept. of ECE, RGM CET

Dr. M. Chenna Kesavulu
Associate Professor,
Dept. of ECE, RGM CET

Smt. M. Maheswari
Associate Professor,
Dept. of ECE, RGM CET

Dr. M. Santhiramudu
Honorable Chairman

Sri. M. Siva Ram
Managing Director

Dr. T. Jayachandra Prasad
Principal

Dr. D. V. Ashok Kumar
Director

Dr. B. Rami Reddy
Dean- Student's Affairs

Dr. J. Sofia Priya Darshini
HOD of ECE

IEEE Signal Processing Society
IEEE

• A Two-Day workshop on *Designing of Nano Scale VLSI systems* using CADENCE was organized from 23rd to 28th September, 2024. The faculty members **Dr. N. Ramanjaneyulu**, **Dr. M. Chenna Kesavulu**, **Smt. M. Maheswari** and **Dr. J. Sofia Priya Darshini** attended as speakers of the program. The targeted audiences were provided with insights into the foundational principles and cutting-edge advancements in this critical field, laying a solid foundation for the subsequent proceedings of the inaugural ceremony.

Student Clubs

• The department launched Seven Segment Council Clubs - Avishkaar, Udhbhav, Svarn Vikaas, Yantra Vidya, Sambhava, Kalaa Vihar, and Nipunatva in the month of August, 2024. The main objective of the clubs is to motivate students to involve in the technical and non-technical events to enhance their skills. These clubs are the best platforms for students to enhance multi-talents in the technical areas.

Glimpses of Seven Segment Council Clubs



DEPARTMENT OF CSE

Faculty Research Publications in International Journals

- **Mr. Monelli Ayyavaraiah**, published a paper entitled "*Identification of Illegal Access to Internet of Things and Personal Devices*" in the Journal of Electrical Systems, Vol: 20, Issue:03, ISSN: 1112-5209, Pp: 3640-3649, on 17th July, 2024. (ESCI)
- **Dr. K Narshimhulu, S Saddam Hussain**, published a paper entitled "*A Machine Learning Framework For Identifying Autism Spectrum Disorders In Their Early Stages*" in Advancement of Signal Processing and its Applications (HBRP), Vol:07, Issue:2, Pp:31-42. in July, 2024, <http://hbrppublication.com/OJS/index.php/ASPIA/article/view/5784/7833>
- **Dr. R Raja Kumar**, published a paper entitled "*Empowering Health Prognosis: QuineMccluskey Binary Classifier Algorithm for Predicting Heart Disease*" in Nanotechnology Perceptions, ISSN: 1660-6795, Issue:S6, Pp:893–906, September, 2024 (SCOPUS)
- **Dr. O. Sampath**, published a paper entitled "*Climate Impact Prediction: Whale Optimized Conv XGBoost with Remote Sensing and Sociological Data*" in Remote Sensing in Earth Systems Sciences, 2024. DOI: <https://doi.org/10.1007/s41976-024-00136-w>. (SCOPUS)
- **Dr. K Subba Reddy and Dr. Monelli Ayyavaraiah** published a paper entitled "*Use AI and Machine Learning to Look at the Data You've Gathered and Find Links Between Health Factors and The Start of a Disease*" in African Journal of Biomedical Research, ISSN: 1119-5096. DOI: <https://doi.org/10.53555/AJBR.v27i3S.2035> (SCOPUS)
- **Dr. Monelli Ayyavaraiah**, published a paper entitled "*Clustering-Based Ensemble Learning From COVID-19 Respiratory Sound Signals for Severity Prediction*" in African Journal of Biomedical Research, ISSN: 1119-5096. DOI: <https://doi.org/10.53555/AJBR.v27i3S.2040> (SCOPUS)

- **Dr. M. Sravan Kumar Reddy**, Hongmei Li, published a paper entitled *“Remote Dance Action Correction Based on EM and Min-min Algorithms”* in Mobile Networks and Applications (Springer), ISSN: 1572-8153, September, 2024. DOI: <https://doi.org/10.1007/s11036-024-02427-4> (SCIE)
- **Mr. M Vinay Kumar and Dr. N Madhusudhana Reddy**, published a paper entitled *“Exploring Cold Start Challenges in Recommender Systems Using Deep Learning Approaches”* in Lecture Notes in Electrical Engineering (LNEE), Vol:1, ISSN: 1876-1100, on 06th October, 2024. https://link.springer.com/chapter/10.1007/978-981-97-8031-0_33, (Scopus)
- **MahaboobBasha Shaik**, published a paper entitled *“A Hybrid Particle Swarm Optimization and Simulated Annealing With Load Balancing Mechanism for Resource Allocation in Fog-Cloud Environments”* in IEEE Xplore Open Access Journals, Vol:12, ISSN: 2169-3536, Pp:1-1, November, 2024. DOI: 10.1109/ACCESS.2024.3489960
- **G. Nirmala and P. Prathap Nayudu**, published a paper entitled *“Automatic cervical cancer classification using adaptive vision transformer encoder with CNN for medical application”* in Pattern Recognition, Vol:160, ISSN:1873-5142, December, 2024. DOI: <https://doi.org/10.1016/j.patcog.2024.111201> (SCIE)
- **K. Samunnisa and Sunil VK Gaddam**, published a paper entitled *“Design and Evaluation of a Quantum-Resilient Cryptographic Framework for Enhancing Security and Efficiency in Distributed Cloud Environments”*, in the SSRG International Journal of Electrical and Electronics Engineering (IJEEE), Vol: 11, Issue: 07, ISSN: 2348-8379, Pp. 1–22, July, 2024. <https://www.internationaljournalssrg.org/IJEEE/>, (Scopus).

Conference Papers

- **Dr. Pogula Sreedevi**, presented a paper entitled *“Design and Implementation of a Socially Assistive Robot for Enhancing Health and Well-being: A Multi-Domain Approach to Cognitive Support and Behavior Change”*, in an International Conference on Advancements in Sustainable Energy, Materials & Manufacturing Technology (ICASMMT 2024), organized by the Department of Mechanical Engineering, MLR Institute of Technology, Hyderabad, during 13th to 14th September, 2024.
- **Janardhan Komarolu and C. Nagaraju**, presented a paper on *“Improving the efficiency of coverless image steganography using refined hash algorithm”*, at ICAMMSD International Conference in November, 2024, Hyderabad.

Workshops/Conference/Seminars/ FDPs/Guest Lectures organized



- The Department organized a Four Day training program on "*Competitive Coding*" from 16th to 20th July, 2024, in association with Bodhasoft Technologies pvt. Ltd, Hyderabad. Resource person from Bodhasoft Technologies addressed the students. The HoD and faculty supervised the program.

Resource person was addressing the Gallery

A Three Day training program was organized on *Celonis Process Mining* from 29th to 31st July, 2024 in association with EduSkills Foundation for students. The resource person was **Mr.Pavan Kumar**.



- A Two week short-term training program was organized on *AWS CLOUD FOUNDATIONS* from 12th to 24th December, 2024 in association with IEEE & ISTE Student's Chapter for II B.Tech II semester students. **Dr. K Subba Reddy**, HOD of CSE attended as resource person for this program.

A Five Day workshop on *Machine Learning with Python* was organized for III B.Tech II semester students from 9th to 13th September, 2024. **Mr. Adgaonker Shashank**, Corporate Trainer, Hyderabad, attended as a resource person for this program.



Workshops/Seminars/FDPs/Training Programs Attended

- Dr. Monelli Ayyavaraiah**, participated in the Faculty Development Program on *Qualitative and Quantitative Research Design* in Higher Education (FDP QQR), organized by Eudoxia Research University, ERU-USA, from 12th to 21st September, 2024.
- Dr. R. Kaviarasan, Dr. M Sravan Kumar Reddy, Dr. R. Raja Kumar, Mr. P. Naveen Sundar Kumar, Mr. V.V. Nagendra Kumar, Mr. K. Janardhan, Mr. V. Ravikanth, Mrs. S. Tahseen Banu, Mrs. P. Sucharitha and Mrs. Y. Durga Tejaswi** attended a National Level Online Faculty Development Program on *Advancements in Cloud Computing and Security* from 01st to 05th July, 2024.

• **Dr. K. SubbaReddy**, participated in the 4th edition EduSkills Connect'24 & EduSkills HR Summit Faculty Development Program at Dr. Ambedkar International Centre, New Delhi from 27th to 29th September, 2024.

• **Mr. M Ravi Kumar**, participated in a Five Day International Faculty Development program on *Gen-AI and Prompt Engineering Using Microsoft Co-Pilot* held from 16th to 20th September, 2024. The program was organized by BNM Institute of Technology Bangalore (BNMIT), Karnataka, in Collaboration with EXCELR Edtech Pvt. LTD.

The following Faculty Members attended Three Day Face-to-Face Faculty Development Program on the theme of **“Inculcating Universal Human Values in Technical Education”** organized by All India Council for Technical Education (AICTE) at Rajeev Gandhi Memorial College of Engineering and Technology, from 9th to 11th August, 2024.

| | | |
|---------------------------|------------------------|--|
| Dr. N Madhusudhana Reddy | Dr. O. Sampath | Mr. C Hrushikash Reddy |
| Mr. B V Chandra Sekhar | Mr. G Rajasekhar Reddy | Mr. V. V. Nagendra Kumar |
| Mrs. P. Sucharitha | Dr. K Nageswara Reddy | Mr. M Vinay Kumar |
| Dr. K Narashimhulu | Mr. K Viswanath | Mr. K Viswanath |
| Mr. P Naveen Sundar Kumar | Dr. R Raja Kumar | Mr. V Raja Sekhar |
| Dr. N. Ramanjaneya Reddy | Mr. M Ravi Kumar | Mr. P Murthuja |
| Mr. B Rameswara Reddy | Mrs. Y. DurgaTejaswi | Mrs D Sravanthi and Mrs S RubiaParveen |

Patents

• **Mrs. R. Arshiya, Dr. K. Subba Reddy, Dr. P. Sreedevi, Dr. G. Sunil Vijaya Kumar**, published a Patent on *Area-Aware Adaptive Image Compression System Using Dual Background Classification And Saliency-Based Unitization*, by Indian Patent, 2024 Application No.: 202441086984.

• **Mr. B. Khasim, G. Sunil Vijaya Kumar, Dr. M. Sravan Kumar Reddy, Mrs. V. Lakshmi Chaitanya**, published a Patent on *Enhancing College Students Information Literacy: Analysing Learning Behaviour Characteristics And predicting Learning Outcomes Using Xgboost And Machine learning Techniques*, by Indian Patent, 2024 Application No.: 202441086591.

• **Mr. T. Mahesh Mithra, Dr. N. Madhusudhana Reddy, Mr. P. Bhaskar**, published a Patent on *Client Side Protection Against Web Spoofing Attacks Withphish Catcher: The Advanced Xgboost Algorithm*, by Indian Patent, 2024 Application No.: 202441086587

• **Mr. P. Nagarjuna Reddy, Dr. R. Raja Kumar, Mr. P. SubbaRao**, published a Patent on *Optimizing Wild Bird Species Identification: Integrating A Lightweight Model with A Hybrid Random*, by Indian Patent, 2024 Application No.: 202441086595.

- **Mr. S. Saddam Hussain, Dr. K. Narasimhudu, Dr. G. Sunil Vijaya Kumar, Dr. S. Md.Farooq** published a Patent on *Improving Alzheimer's Disease Diagnosis With convolutional Neural Networks Leveraging Advanced maxpo*, by Indian Patent, 2024 Application No.: 202441086596.
- **Mrs. C. Supraja, Dr. M. Sravan Kumar Reddy, Dr. P. Sreedevi, Dr. G. Sunil Vijaya Kumar,** published a Patent on *A Dual-Dimensional Clustering Framework Utilizing Auto encoders for Enhanced Predictive Modeling in Financial Time Series Analysis*, by Indian Patent, 2024 Application No.: 202441087817.
- **Dr. D. Anandan, Dr. M. Kanchana, Mrs. A. M. Vidhyalakshmi, Dr. NalavalaRamanjaneya Reddy, Mr. J.V. Rama Kumar,** published a Patent on *Smart Device for Skin Cancer Detection*, by Indian Patent, 2024 Design No. : 426576-001(Published).
- **Mr. B. Khasim, G. Sunil Vijaya Kumar, Dr. M. Sravan Kumar Reddy, Mrs. V. Lakshmi Chaitanya,** published a Patent on *Enhancing College Students Information Literacy: Analysing Learning Behaviour Characteristics and predicting Learning Outcomes Using Xgboost and Machine learning Techniques*, by Indian Patent, 2024 Application No.: 202441086591.
- **Mr. T. Mahesh Mithra, Dr. N. Madhusudhana Reddy, Mr. P. Bhaskar,** published a Patent on *Client Side Protection Against Web Spoofing Attacks With phish Catcher: The Advanced Xgboost Algorithm*, by Indian Patent, 2024 Application No.: 202441086587.
- **Ms. S. Sireesha Bai Dr. R. Kaviarasan, Dr. O. Sampath, Dr. G. Sunil Vijaya Kumar,** published a Patent on *Enhancing Monkey Pox Detection: A Deep Learning Approach*, by Indian Patent, 2024 Application No.: 202441086590.
- **Shiak Saddam Hussain, Dr. K.Narasimhulu, Dr. G. Sunil Vijaya Kumar, Dr. Farooq Sunar Mahammad** Published a Patent on *Improving Alzheimer's Disease Diagnosis With convolutional Neural Networks Leveraging Advanced maxpo* on 15th November, 2024. Application Number: 202441086596.
- **Rajammagari Arshiya, Subba Reddy Kunam, Pogula Sreedevi, Gaddam Sunil Vijaya Kumar.** published a Patent on *Area-Aware Adaptive Image Compression System using Dual Background Classification and Saliency-Based Quantazation* on 15th November, 2024 (Page No: 1377)
- **Talarimittameedi Ramesh, Dr. P. Prathap Nayudu, Dr. M. Sravan Kumar Reddy, Dr. G. Sunil Vijaya Kumar, M. Sharmila Devi.** Published a Patent on *Migration of Virtual Machines (Vms) in Federated Cloud to optimize Profits* on 22nd November, 2024, Application Number: 202441086592.

Book Publications

- **Dr. K Subba Reddy and Dr. K Rajendra Prasad**, published a book - *Fundamental Practices of Computer Graphics: Algorithms Design and Concepts*, through Sara Book Publication, ISBN: 978-93-91478-87-2, in November, 2024.
- **Dr. N. Ramanjaneya Reddy**, published a book entitled *Python Programming for Engineers, Scientific International Publishing House*, ISBN: 978-93-6674-917-4, in August, 2024.

Book Chapters

Dr. Ayyavaraiah.M, Published following Book Chapters:

- **In-depth analysis of machine learning algorithms for IoT data processing**, in the Book - *Advanced machine learning models for high volume data processing in IoT Analytics* (pp. 37-68). RADEMICS Research Institute.
- **Innovative data preprocessing methods for large-scale IoT applications** in the Book - *Advanced machine learning models for high volume data processing in IoT* (pp. 133-154). RADEMICS Research Institute.

Student Clubs



The Department started Student Club activities under Computer Science Innovative Student Clubs (CISC) on 5th October, 2024. The main objective of these Clubs is to provide a platform for students to enhance their technical skills to reach the global requirements. **Mr. P Naveen Sunder Kumar**, coordinator for this program.

DEPARTMENT OF CSE AI & ML AND BS

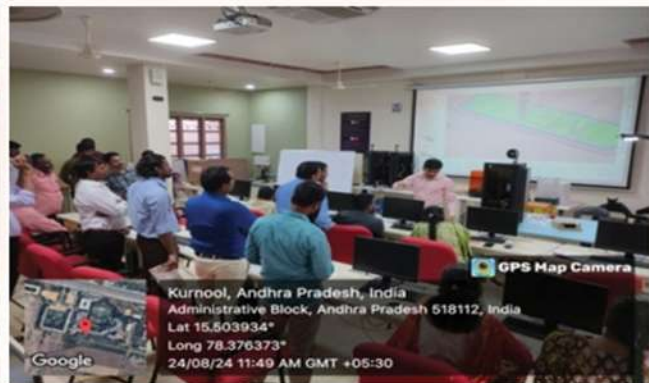
Launching of Humanoid Robot – NILA



The department organized an event Unveiling the *Humanoid Robot – NILA* on 5th July, 2024. The Library Management System (LMS) is an application of NILA Robot. NILA Robot was launched for the application of LMS.

Principal Dr. T. Jayachanchara Prasad, Dean Administrations Dr. D V. Ashok Kumar, Dr. B. Rami Reddy, Dean - Student Affairs, Dr. G. Kishore Kumar, HoD of AI & ML and Mr. B. Bhaskara Rao, HoD of CSE DS were present

- The Departments of CSE BS and CSE AI&ML organized a training program on *Applications of 3D Printers* on 24th August, 2024. The faculty members from CSEAI&ML, BS, Civil and ME attended this program. **Mr. Vignesh Waran** CEO and Founder of Virtual Frontier Robotics attended as a Resource Person for the program.



The Faculty Members at the Program

- The Departments of CSE AI&ML and CSE BS organized a Two-Day workshop on *From Data to Decisions: Mastering using Power BI* for III B.Tech II Sem students of CSE & BS from 20th to 21st December, 2024. **Mr. R. Subrahmanyam Chandaluru**, CEO, UniFirst Robotics, from Bengaluru attended as a Resource Person for this program. Dr. G. Kishor Kumar, HoD of AI&ML attended is Convener for this workshop.



The students from CSE AI&ML and CSE BS are at workshop.

- **Mr. V.P. Hara Gopal** attended *Harnessing AI for Healthcare Transformation – A Collaborative Indo-US Workshop 2024* hosted by Department of Computer Science, IIT Hyderabad, during 16th to 18th December, 2024.

- Dr. G. Kishor Kumar, Mr. V.P.HaraGopal, Mr. P.ArunBabu, Mr. N. BalaKishor, Mr. P.Sreekanth Reddy, Mr. S.ManoVenkat, Mrs. B.nV. S. N. Lakshmi and Ms. C. Rekhaattended the FDP on *Universal Human Value 1* conducted by RGM CET from 9th to 11th August, 2024.



- The Department of CSE & BS students organized a Social Service program for old age people at Sneha Old Age Home, Nandyal on 4th August, 2024.

Students at Sneha Old Age Home

DEPARTMENT CSE (DATA SCIENCE)

Faculty Research Publications in International Journals

- **Dr. M. Jahir Pasha** published a paper on "*A deep experimental analysis of energy-efficient firewall policies and security practices for resource limited wireless networks*" Security and Privacy (journal) Vol:7, Issue:6, ISSN:2475-6725, Pp: 1-25, August, 2024. <https://doi.org/10.1002/spy2.450>.

- **Dr. M. Jahir Pasha** published a paper on "*Dominating Energy and Dominating Laplacian Energy of Hesitancy Fuzzy Graph*" Math & Informatics, Vol: 45, Issue: 4, Pp: 725 – 737, July, 2024.<https://doi.org/10.14317/jami.2024.725>

- **Dr.M. SulemanBasha** published a paper on "*Reinforced Multi-Path Graph Attention Network (MPGA-R.L-Net) for Adaptive Robotic Vision with Task-Specific Region Prioritization*" in Communications on Applied Nonlinear Analysis(journal), Vol: 32, Issue:3s, ISSN:1074-133X, Pp:279-294, November, 2024. <https://internationalpubs.com/index.php/cana/article/view/2643>

Conference Papers

- **Y.P. Srinath Reddy and Dr. M.Jahir Pasha** presented a paper on titled "*Deep Learning Techniques For Dogs Image Dataset Analysis in the Conference FLAME 2024*,"organized by Department of Mechanical Engineering Amity School of Engineering & Technology, Noida.

- **S. Mohammed Shakeer** presented a paper on titled "*Face recognition of Faces with and without Mask in CNN*" in International Conference on Advance in Science, Engineering and Technology (ICASET - 2024), organized by Department of Computer applications, Integral University, Lucknow, in association with CRC Press, Routledge, Taylor and Francis Group.

FDP/ Seminar/ Workshop/ Conference Attended

- **Dr. M. Sri Raghavendra** attended a Faculty Development Program on "*Educational Leadership: Integrating AI, EI, and Research Excellence*," jointly organized by Narayanamma Institute of Technology & Science (Women), Shaikpet, Hyderabad and Research Hub, Coimbatore, Tamil Nadu, India during 9th to 14th December, 2024.
- **Mr. Y. P. Srinath Reddy** attended Faculty Development Program on "*Inculcating Universal Human Values in Technical Education*," organized by All India Council for Technical Education (AICTE) at Rajeev Gandhi Memorial College of Engineering and Technology, Nandyal from 9th to 11th August, 2024.

Book Chapter

- **Dr. K. Rangaswamy**, published a book chapter entitled "*Navigating Green Computing Challenges and Strategies for Sustainable Solutions*" ISBN: 979836931552, Pp.42-59. DOI: 10.4018/979-8-3693-1552-1.ch003

Student Clubs

- A student club - Jignasa Learning Club was started on 21st July, 2024, to enhance technical skills of students such as freelancing opportunities, video editing techniques, and the effective community building. The students **Mr. S. Hameed** and **Mr. Harshith** guided the club members. A total of 56 students from various departments attended the event.



- The department unveiled a student club -SHIELD Prep Club to provide a platform for students to showcase their talents, build confidence in public speaking, and enhance their presentation skills. The students **Pabbathi Satish Kumar** and **Kotha Naga Harshitha** were attended as speakers for this club. A total of 58 students from various departments were attended for in this event on 27th July, 2024.

The department initiated a student club - Hydra Club to inculcate skill-building, fostering a collaborative environment among students. Students **Kushala, Veera Rohith and Sandeep** attended as speakers for the club. Students from various departments attended the

Ms. Kushala and other students interacting in the club



- The department started a student club Art House Club to provide “*Frame the moment*” to showcase the creativity and talent of participants by capturing stunning visuals across various themes. The Art House Club hosted The Photography Event. Students from various departments attended and presented 3D related photos at the session on 27th July, 2024.

DEPARTMENT CSE (CYBER SECURITY)

MoU

- The department signed a Memorandum of Understanding (MoU) with Savory Minds Pvt. Ltd on 21st December, 2024

Principal Dr. T. Jayachandra Prasad, Mr. Amith Kumar and HOD of CSE CS receiving the MoU



Conference Papers

- **Dr. R. Kaviarasan** et.al., presented a paper entitled “*Differential Region-based Segmentation Method for Brain Tumor Detection Using Computed Tomography Images*” in the 6th International Conference on Systems, Computation, Automation and Networking (ICSCAN), IEEE organized by Mankula Vinayagar Institute of Technology, Puducherry, from 24th to 25th December, 2024.

Workshop Organized

- The department organized a workshop on Ethical Hacking from 19th to 21st December, 2024, in association with Savory Minds Pvt. Ltd, New Delhi, India for students. **Mr. Amith Kumar** attended as a resource person for this program.

Book Publication

- **Dr. R. Kaviarasan** et al. has published a book - Identification of NLOS nodes in VANETs for enhancing safety, by (LAP) Lambert Academic Publishing, ISBN: 978-620-8-11865-5, in November, 2024.

DEPARTMENT MBA

Faculty Research Publications in International Journals

- **Dr. M.Sudheer Kumar** published the paper titled *"Innovation & Technological Entrepreneurship"* in the journal Journal of Advanced Zoology, Vol:45 Issue: S-4, ISSN: 0253-7214, Pp: 485-493, September, 2024.
- **Dr. M.Sudheer Kumar** published the paper on *"Collective Bargaining process and Industrial Relation Environment in Public utility Services in India"* in Journal of Informatics Education and Research, Vol:4, Issue:3, Pp: 2774-27, October. 2024.
- **K.Rama Krishna** published the paper on *"The Mediating Role of Investment Strategy on the relationship between market timing ability and mutual fund performance"* in the Journal of European Economic Letter, Vol:14, Issue: 4 Pp: 1393-1405, October, 2024.

Workshops Organized

- The department organized a One Day workshop on *Financial Planning and Investment Options* on 23rd April, 2024. **Mr. P. Naveen Kumar**, Financial analyst in Geojit financial service ltd from Hyderabad, attended as resource person for this workshop.

The department organized a One Day workshop titled *Digital Marketing* on 25th November, 2024. **Dr. K.Nagraju**, Assistant Professor, JNTUA attended as resource person for this workshop. A total of 110 students and faculty members attended on 25th October, 2024

Dr.K.Nagraju, JNTUA, the students



- A One Day workshop on *Transforming Dreams into Financial Reality* on 26th October, 2024 was conducted to enlighten the students regarding Finance. **Mr. Gnana Sainath Viswanathuni**, M.D at Optionerds, NISM Certified Investment advisor attended as resource person for the program.

Certification Program

1. **Dr. M.Sudheer Kumar**, received a certificate of Appreciation as a valued reviewer of manuscript titled *"Impact of Human Resource Development Initiatives on Employee Performance"* on selected IT Companies in Hyderabad on 28th October, 2024.
2. **Mr.K.RamaKrishna**, has undergone 3 level certificate course on *"Innovation Ambassador training Foundation level conducted by MoE's"* by Innovation Cell & AICTE, IIC in August, 2024.
3. **Dr. S.Sowjanya**, completed 12 weeks NPTEL course on *"HR Analytics"* on from July to October, 2024.

4. **Ms.S.Haritha**, completed the 12 weeks NPTEL course on “*HR Analytics*” from July to October, 2024.
5. **Mr. Y.Mallikarjuna Achari** completed 8 weeks NPTEL course on “*Business Analytics & Text Mining Modeling using Python*” from July to September, 2024.
6. **Dr. S.Sowjanya**, attended a short term course on “*Quantitative Data Analysis Interpretation using SPSS*” organized by IIT Kharagpur in September, 2024.
7. **Mr. Y. Mallikarjuna Achari**, attended a short term course on “*Quantitative Data Analysis Interpretation using SPSS*” organized by IIT Kharagpur in September, 2024.

DEPARTMENT MATHEMATICS

Faculty Research Publications in International Journals

- **Dr. P. Sudarsana Reddy and Dr.P. Sreedevi** published a paper entitled “*Unsteady gyrotactic microorganisms and magnetic nanofluid heat and mass transfer analysis inside a chamber with thermal radiation*” in the International Journal of Ambient Energy, Vol: 45, Issue1, Pp.2277301, 2024. (ESCI) <https://doi.org/10.1080/01430750.2023.2277301>.
- **Dr. P. Sudarsana Reddy and Dr. P. Sreedevi** published a paper entitled “*Heat transfer investigation of nano – Encapsulated phase change materials (NEPCMs) in a thermal energy storage device*” in the Journal of Applied Thermal Engineering, Vol: 250, in 2024. <https://doi.org/10.1016/j.applthermaleng.> (Elsevier)
- **Dr.P. Sudarsana Reddy and Dr. P. Sreedevi** published a paper entitled “*Enhanced entropy generation and heat transfer characteristics of magnetic nano-encapsulated phase change materials in latent heat thermal energy storage systems*” in the Journal of Applied Mathematics and Mechanics, Vol:45, Issue:6,2024. <https://doi.org/10.1007/s10483-024-3126-9>. (SCIE)
- **Dr. P. Sreedevi and Dr. P. Sudarsana Reddy** published a paper entitled “*Comparative study of Convective Oldroyd-B nanofluid and hybrid nanofluid flow, heat and mass transfer analysis over Stretching sheet with Cattaneo - Christov heat flux model*”, in the Journal of Nano fluids, Vol:13, Pp:839-850, 2024. (ESCI)
- **Dr. P.Sudarsana Reddy and Dr.P.Sreedevi** published a paper entitled “*Brownian motion and thermophoresis impact on heat and mass transfer analysis of thermally radiative magnetic nanofluid flow inside a cavity with gyrotactic microorganisms*” in ZAMM: Journal of Applied Mathematics and Mechanics, Vol: 104(11), September, 2024. (Wiley)

- **Dr. P. Sreedevi**, et.al., published a paper entitled "*Effect of magnetic field and radiation on heat transfer analysis of Nano fluid inside a square cavity filled with silver nanoparticles: Tiwari–Das model, Waves in Random and Complex Media*" in the Journal of Taylor & Francis publishing, Vol: 34, Issue:2, 2024. DOI: 10.1080/17455030.2021.1918798.
- **Dr. P. Sreedevi and Dr. P. Sudarsana Reddy** published a paper entitled "*Williamson hybrid nano-fluid flow over swirling cylinder with Cattaneo – Christov heat flux and gyrotactic microorganism, Waves in Random and Complex Media*" in the Journal of Taylor & Francis Publishing, Vol. 34, Issue: 4, 2024. DOI: 10.1080/17455030.2021.1918798.
- **Dr. D. Dastagiri Babu**, et.al., published a paper entitled "*Flow of Magnetohydrodynamic Maxwell Fluid in Darcy–Forchheimer Model, With Cattaneo–Christov Heat Flux, Over A Stretching Sheet Subjected to Convective Boundary Conditions*" in the Journal of East European Journal of Physics, Vol:3, 2024. (ESCI)<https://doi.org/10.26565/2312-4334-2024-3-22>
- **Dr. Gunisetty Ramasekhar**, et.al., published a paper entitled "*Heat transfer innovation of engine oil porous stretching conveying SWCNTs-MWCNTs-TiO₂ nanoparticles embedded in a cylinder.*" in the Journal of Scientific Reports Vol:14, Issue:1, 2024.(SCIE)
- **Dr. Gunisetty Ramasekhar** published a paper entitled "*Entropy generation analysis on hybrid dusty nano fluid flow over a heated stretching sheet: aerospace technology.*" in the Journal of Radiation Effects and Defects in Solids, 02th September, 2024. 1-15. (SCIE).<https://doi.org/10.1080/10420150.2024.2397138>.
- **Dr. Y. Raja Obula Reddy** published a paper entitled as "*Two dimensional incompressible unsteady nanofluid flow over a stretching sheet by porous medium with the impact of thermal stratification, solutal stratification and non-uniform heat generation/absorption*" in the journal of Periodico di Mineralogia, Vol: 93, Issue:4, ISSN: 0369-8963, Pp: 80-92, in October, 2024. <https://doi.org/10.37896/pd93.4/93412>
- **Dr. Gunisetty Ramasekhar** et.al., published a paper entitled "*Hybrid Nano fluid Flow Through a Stretching Cylinder. Entropy Generation for Novel Trend of Biomedical Aspects on Magneto hydrodynamics*" in the Journal of Nano fluids Vol: 13, Issue: 4 (2024): 1021-1029. (SCIE).DOI: <https://doi.org/10.1166/jon.2024.2187>.
- **Dr. Gunisetty Ramasekhar**, et.al., published a paper entitled "*Novel heat exploration investigation for bioconvected Oldroyd-B nano fluid with variable thermal conductivity and Arrhenius energy induced by nailed boundary*" in the Journal of Numerical Heat Transfer, Part B: Fundamentals , August, 2024, 1-18. (SCIE). <https://doi.org/10.1080/10407790.2024.2386585>.

Research

- **Dr. K.V. Suryanarayana Rao**, produced a Ph.D from JNTUA, Anantapuram in August, 2024. The research candidate is Mr. B. Siva Kumar Reddy, who carried out his research on *"A study on MHD flow of Non-Newtonian fluid through porous medium with Hall, Soret and Dufour effects."*

DEPARTMENT OF PHYSICS

Faculty Research Publications in International Journals

- **Dr. N Ravi** et.al., published a paper entitled *"High magnetic susceptibility-based vanadate tellurite glasses for magneto-optical device applications"*, in Current Applied Physics (journal), Vol: 68, Pp: 206-213, December, 2024. (SCI)
- **Dr. N Ravi** et.al., published a paper entitled *"Influence of high-k La₂O₃ interfacial oxide layer on the performance of GaN based Schottky barrier ultraviolet-B and A photodetection sensors"*, in Optical Materials (journal), Vol:158, Pp: 116-499, December, 2024. (SCI)
- **Dr. B C Jamalaiah**, published a paper entitled *"Er³⁺/Tm³⁺ codoped CaF₂ based oxyfluoroborosilicate glass-ceramics for fiber laser applications"*, Infrared Physics & Technology (journal), Vol:142, in November, 2024. (SCI)
- **Dr. B C Jamalaiah**, published a paper entitled *"Study on impact of Yb³⁺ on 1.54 μ m broadband emission of Er³⁺ doped oxyfluoroborosilicate glass ceramics with embedded CaF₂ nanoparticles"*, in Applied Physics A (journal), Vol:130, 2024. (SCI)
- **Dr. B C Jamalaiah**, published a paper entitled *"Yb³⁺-doped oxyfluoroborosilicate glasses and glass ceramics containing CaF₂ nanocrystals for 981 nm near infrared fiber lasers"*, in Journal of Materials Science: Materials in Electronics (journal), Vol:35, 2024. (SCI)
- **Dr. B C Jamalaiah**, Nayab Rasool Shaik, et.al., published a paper entitled *"UV-Excited Gd_{1-x}EuxAl₃(BO₃)₄ Red Phosphors for White Lighting Emission Diodes and Plant Growth Light-Emitting Diodes"*, in Physica status solidi (journal), Vol:221, Issue:16, August, 2024.
- **Dr. V B Sreedhar**, et.al., published a paper entitled *"An overview of crystallization, structural, optical, dielectric, and thermal characterization methods for amino acid chloride crystals and their technological uses"*, in Phase Transitions A Multinational Journal, Vol:97, Issue:10, 2024.
- **Dr. V B Sreedhar** et.al., published a paper entitled *"Novel Organic Synthesis Techniques for Complex Molecules, Nanotechnology Perceptions"*, Vol:20, Issue:S11, Pp:403-419, 2024.

- **S. Farooq** et.al., published a paper entitled *“Investigation of the structural, spectral, dielectric and electrical characteristics of L-histidine maleate-(1.5)-hydrate crystals for frequency conversion processes”*, in Journal of Material Science:Mater Electron, in 2024.

Research

- **Dr. N. Ravi produced** a Ph.D from JNTUA, on 5th September, 2024. The researcher is **Mr. M. Prasanth** who received Ph.D degree for his research entitled *“Structural & Energy Transfer Studies of Rare- Earth doped Bismuth Borate Glasses: Applications in Optical Amplification.”*

DEPARTMENT OF CHEMISTRY

Faculty Research Publications in International Journals

- **Dr. Raja K** et.al., published a paper entitled *“Synthesis, DFT, ADMET, and Docking studies of Novel SulfonylPiperidine Analogues containing 2,3-Dihydrobenzofuran-5-Carboxamide”* in the Journal of Current Medicinal Chemistry, October, 2024. DOI: 10.2174/0109298673329232241007101050.
- **Dr. Raja K K** et.al., published a paper entitled *“Structural, Optical, and Magnetic Properties of Brownmillerite KBiFe_2O_5 and $\text{KBiFe}_{1.95}\text{Ti}_{0.05}\text{O}_{5+}$ via Reactive Templated Method”* in the Journal of ACS Omega, Vol:9, Issue 43, October, 2024. <https://doi.org/10.1021/acsomega.4c07882>.
- **Dr. B.ArunBabu and M Sreenivasulu** published a paper entitled *“Phase equilibria, thermal and microstructural studies on organic analog of a nonmetal-nonmetalmonotectic alloy; 2-cyanoacetamide-4-bromonitrobenzene system”* in the Journal of Periodico di Mineralogia, Vol: 93, Issue:6, 2024.
- **Dr. B. ArunBabu and M Sreenivasulu** published a paper entitled *“Structural, optical, dielectric and ferroelectric properties of nanocrystalline Yb^{+3} doped $\text{Ba}_2\text{NaNb}_5\text{O}_{15}$ ”* in the Journal of Periodico di Mineralogia, Vol:11, Issue: 8, 2024.
- **Dr. Balakrishna A**, et.al., published a paper entitled *“Development of Chitosan /Mg-Zn-HAP/ ZrO_2 Bilayer Coating on Ti Alloy for Biomedical Applications”* in the Journal of Chemistry Select, 2024. e202304724. <https://doi.org/10.1002/slct.202304724>.
- **Dr. Balakrishna A**, et.al., published a paper entitled *“Hydrothermal synthesis of cadmium sulfide decorated reduced graphene oxide photocatalyst for the degradation of photostablenaphthol blue black dye”* in the Journal of Diamond and Related Materials, 148, (2024)111513., in October, 2024. <https://doi.org/10.1016/j.diamond.2024.111513>.

- **Dr. Arun Babu B**, et.al., published a paper entitled “*Synthesis and characterization of multi-responsive iron oxide nanoparticles: Evaluation of antibacterial properties and photocatalytic activity*” in the Journal of Molecular Liquids, Vol:417, Issue: 1, December 2024. <https://doi.org/10.1016/j.molliq.2024.126619>. (Scopus)
- **Dr. G.S.S. Anjaneya Vasavi**, et.al., published a paper entitled “*Bioprospecting Endophytic Fungi For Bioactive Substances With Potential Antioxidant & Anti-Diabetic Activity -Current Review*” in the Journal of REDVET - Revista electrónica de Veterinaria, Vol:25, Issue:1S, 2024. DOI: <https://doi.org/10.69980/redvet.v25i1S.1215>. (Scopus)

Projects Submitted

| S. No | Name of the Faculty | Funding Agency | Reference Number | Title of the Project | Total Budget | Submission Date | Present Status |
|-------|---------------------|----------------|--------------------------|--|---------------|------------------------------|----------------|
| 1. | B. Rajasekhar | DST | ANRF/EC RG/2024/00126/CS | Sustainable Synthesis of Titanium-Based Ceramic Materials for Advanced Energy Applications | Rs. 52,77,272 | 7 th Nov, 2024. | Submitted |
| 2 | Dr.A.Bala krishna | DST | TPN/119189 | Development of new porphyrin based metal organic frameworks as Nano reactors for carbon dioxide and methane gas sequestration and their in situ chemical conversion into value added chemicals | RS. 45,85,680 | 01 st , Oct 2024. | Submitted |

DEPARTMENT OF ENGLISH

Faculty Research Publications in International Journals

- **Dr. P. Kousar Basha** published a paper on *“Environment and Indian English Novel: A Critical Study with Reference to Amitav Ghosh’s Novels”* in an International Research Journal on Advanced Engineering and Management, Vol: 02, Issue: 08, ISSN: 2584-2854, Pp: 2746-2751, August, 2024. (UGC CARE)
- **Dr. Y. Suneetha, Dr. P. Kousar Basha and Dr. A.K. Gopi Krishna** published a paper entitled *“Soft Skills for Successful HR Interviews: An Assessment of Interview Questions and Answers”* in an IUP Journal of Soft Skills (IJSS) Vol: 18 Issue: 3, ISSN 0973-8479, September, 2024. (UGC CARE)
- **Dr. A.K. Gopi Krishna**, et.al., published a paper on *“Identification of Soft Skills Gaps in Engineering Education: A Theoretical Study”* in Bulletin For Technology And History Journal, Vol: 24, Issue: 07, ISSN: 0391-6715, Pp: 100-107, 2024. DOI Serial Number: 10.37326. (UGC CARE)
- **Dr. G. Kiran Kumar Reddy and Dr. A.K. Gopi Krishna** published an Article entitled *“Philosophical concerns in Mahabharatha and Bhagavadgita – A Study”* in Bulletin of Pure and Applied Sciences- Zoology, Vol: 43B, Issue: 2s, December, 2024. (ESCI)
- **Dr. G. Kiran Kumar Reddy** published an article entitled *“Portrayal of Indigenousness, Tribe, culture and land encroachment in the movie- Kantara – An Over view”* in Bulletin of Pure and Applied Sciences- Zoology, Vol: 43B, Issue: 2s, December, 2024. (ESCI)
- **Dr. P. Kousar Basha**, et.al., published a paper entitled *“Social media a Novel Platform for ELT: Connect, Collaborate, and Share is a Good Idea in the Teaching & Learning Process of the English Language”* in a Research Journal Of English (RJOE) Pp: 334-341 Vol: 9 Issue: 4 by Oray’s Publications, November, 2024. DOI: 10.36993/RJOE.2024.9.4.34. (UGC CARE)
- **Dr. G. Kiran Kumar Reddy** published an article entitled *“View of Fostering English Language and Communication skills in Engineering Students: A Study on the Eclectic Method”* in the Journal of Library Progress International, Vol: 44, Issue: 3, Pp: 8777-8782, in December, 2024. www.bpasjournals.com(SCOPUS)
- **Dr. G. Kiran Kumar Reddy** Published an article on *“Disability In Literature And Movies – A Study”* in RJELAL Journal, Vol: 12, Issue: 02, Pp: 345-349, in 2024. DOI: 10.33329/rjelal.12.2.345. (OTHERS)
- **Dr. C. Sankar Goud** published a paper on *“Approaches to Developing Communicative Competence in English Language in India”* in Periodico di Mineralogia Vol: 93, Issn: 6, ISSN: 0369-8963, in 2024. <https://doi.org/10.5281/zenodo.14548117>. (UGC CARE)

- **Dr. G. Kiran Kumar Reddy** published a paper on *“William Wordsworth’s Prelude as an autobiographical poem- An Overview”* in RJOE Journal. Vol: 9, Issue: 3, Pp: 126-133, in 2024, DOI: 10.36993/RJOE.2024.9.3.133. (OTHERS)
- **Dr. P. Kousar Basha and Dr. Y.Suneetha** published a paper entitled *“An Examination of the Suitability and Profitability of the Integration of ICT into Teaching – Learning English”* in an International Journal of Research Culture Society (IJRCS) Vol:08, Issue:37, ISSN: 2456-6683, in 2024. (UGC CARE).

Conference Papers

- **Dr. P. Kousar Basha** presented a paper entitled *“Environment and Indian English Novel: A Critical Study with reference to Amitav Ghosh’s Novels”* in Global Conference Hub, Coimbatore, Tamilnadu, India on 24th & 25th July, 2024.
- **Dr. A. K.Gopi Krishna**, et.al. presented a paper entitled *“Representation of Ethos in R.K. Narayan’s Selected Novels - A Study”* in an International Conference organized by Central University of Kashmir, during 24th to 25th October, 2024.
- **Dr. P. Kousar Basha & Dr. Y. Suneetha** presented a paper on *“An Examination of the Suitability and Profitability of the Integration of ICT into Teaching – Learning English”* in an International Conference on Research and Innovations ICRI-2024 Bangkok, Thailand during 8-9 November 2024.
- **Dr. G. Kiran Kumar Reddy** presented a paper entitled *“An Overview of Australian Poetry”* in a Two Day National Conference on Neocolonialism: Representing Narratives, Realities and Responses held on November 8th & 9th, 2024 organized by KristuJayanti College, Bangalore.
- **Mrs. Aparna** presented a paper entitled *“Empowered Healing: Feminist Perspectives in Chimamanda Adichie’s Narratives”* in a two days international conference on Global Perspectives on gender based violence – Intersectionality & Interdisciplinary space during 2nd to 4th December, 2024 organized by REVA University Bangalore.

Book Publication

- **Dr. C. Sankar Goud** authored a Book entitled *Diasporic Vision in the Select Novels of V.S. Naipaul*, published by Lap Lambert Academic Publishing with ISBN: 978-620-8-01112-3, 2024.

Achievements

- **Dr. A.K.Gopi Krishna** received a Certificate of Excellence in reviewing an outstanding contribution from Asian Journal of Education and Social Studies.
- **Dr. G. Kiran Kumar Reddy** received a certificate as a reviewer for an Asian Journal of Research in Agriculture and Forestry.
- **Dr. G. Kiran Kumar Reddy** selected as the editor of The SPL Journal of Literary Hermeneutics: A Bi annual International Journal of Independent Critical Thinking, Lucknow, India.

FDPs

The following faculty has attended the AICTE Sponsored UHV –I, organized by RGM CET

| S.No | Name of the Faculty | Program | Organization | Duration |
|------|-------------------------|--|---|--|
| 1 | Dr.P.KousarBasha | UHV-I FDP (F2F) on “Inculcating Universal Human Values in Technical Education” | All India Council for Technical Education(AICTE) at RGM CET, Nandyal. | From 9 th to 11 th August 2024 |
| 2 | Dr.A.K.Gopi Krishna | | | |
| 3 | Dr.C.ShankarGoud | | | |
| 4 | Mr.M.Venkateswara Reddy | | | |
| 5 | Ms.S.Prashanthi | | | |

- **Dr. A.K.Gopi Krishna**, attended a Five Day International Faculty Development Program (online) entitled “*Recent Trends and Best Practices in Teaching in Higher Education*” organized by Sri Indu College of Engineering and Technology, Hyderabad from 12th to 16th August.
- **Ms. S. Prashanthi**, participated online FDP on “*Tools and Strategies to Enhance Teaching & Learning*” during 18th to 24th November, 2024 organized by Vardhaman College of Engineering, Hyderabad.
- **Ms. S. Prashanthi**, participated online FDP on “*Working with Emotional Intelligence and Life skills Management*” in collaboration with ELT@I Guntur Chapter during 02nd to 06th December, 2024 organized by Dept. of English, Bapatla Engineering College, Guntur.
- **Ms. M.Aparna**, participated in a Six Day online FDP on “*Envisioning the Future: Multidisciplinary Approaches in research on Languages and Literatures*” organized by SRM institute of Technology Chengallapattu. Tamil Nadu during 2nd to 7th December, 2024.

- **Ms. S.Prashanthi**, participated in national level one week online FDP on *“Empowering Educators to Elevate Employability Skills”* during 16th to 21st December, 2024 organized by Lakireddy Bali Reddy College of Engineering, Mylavaram, A.P.

NPTEL Certification

- **Dr.A.K.Gopi Krishna**, completed 8 week online certification course during Aug-Oct 2024 on *“Developing Soft Skills and Personality”* offered by NPTEL (SWAYAM).

Webinars

- **Ms. M.Aparna**, attended a lecture on *“Using Scaffolding Techniques in Task-Based Language Teaching”* on 26th October 2024, conducted by VFSTR Deemed University, Vadlamudi, Guntur.
- **Ms. M. Aparna**, participated a one day webinar on *“Basic English Writing”* held on 06th November, 2024, organized by Swami Vivekananda Research Centre, Rama Krishna Vidyamandir, Hyderabad.

Students' Activities

The Department organized a Vocabulary Contest - **WIZARD OF WORDS** on 24th September 2024. A total of 394 students from various departments have registered for the event. The final round was conducted and prizes and certificates were given to all winners.



English Department faculty members along with participants




WORLD ORGAN DONATION DAY

NSS UNIT-1 and UNIT-2 conducted an Expert-Talk by **Dr. M. Janaki**, Professor & Head, Department of Pathology & Blood center, Santhiram Medical College and General Hospital, Nandyal, on the occasion of **WORLD ORGAN DONATION DAY** on 13th August, 2024 with the theme of Gift of Life : Pass it On. The main objective to conduct this noble event is mainly to encourage and educate people about volunteering for donating organs after death to save more lives. **Dr. Naga Bhaskar**, HoD of EEE, members from Santhiram Medical College, and General Hospital, attended for this program. Around 110 students and volunteers actively participated in the event.





Glimpses of World Organ Donation Day Camp

Activites

| Sl. No. | Date | Activity Conducted Under NSS Unit- 1 & 2 | Area | No. of Volunteers Participated | Photograph of the Event |
|---------|------------|--|---------|--------------------------------|---|
| 01 | 31-08-2024 | Awareness Program on BHARATH DARSHAN | RGM CET | 110 |  |

| | | | | | |
|----|------------|---|--|-----------------------------------|---|
| 02 | 24-09-2024 | Voluntary Blood Donation Camp | RGMCET | 65 (46 units of blood donated) |  |
| 03 | 26-09-2024 | SWACHHATA Pledge | RGMCET | 500 |  |
| 04 | 28-09-2024 | CLEAN & GREEN | MJPBCWRS, Nerawada | 50 |  |
| 05 | 29-09-2024 | Trash The Plastic And Cleanliness | KalvaBugga Temple Kurnool,AP | 45 |  |
| 06 | 29-09-2024 | SWACHHATA SRAMADAAN DRIVE | Kommucheruvu AnjaneyaSwamy Temple, Kurnool, AP | 45 |  |
| 07 | 30-09-2024 | Awareness Campaign on "STOP SINGLE USE PLASTIC" | Balapanur Village Panyam(mandal) | 45 |  |

| | | | | | |
|----|------------|---|------------------|----|---|
| 08 | 02-12-2024 | National Pollution Control Day | RGM CET | 54 |  |
| 09 | 14-12-2024 | Awareness Program on "ENERGY CONSERVATION FOR A SUSTAINABLE FUTURE" | Kowluru(Village) | 30 |  |

WOMEN EMPOWERMENT CELL

The Women Empowerment Cell conducted an Event *"Bloody Buddy - Every Girl Deserves Safety Period"* on 21st August, 2024. **Dr. M. Hindumathi**, HOD, OBG SRMC, Nandyal attended as resource person for the program. A total of 200 girl students were participated in the event. The resource person discussed the safety measurements and health issues regarding to the title.



- *Dr. M. Hindumathi, resource person was felicitated*



A Rally on *"Break the Silence - Rally for Harassment Free world"* was taken upon 22nd August, 2024. All students, staff and faculty of RGM CET participated in the rally. The Rally was initiated to condemn the atrocities against women.

- *Students, Staff and Faculty members are at rally.*

An awareness programme on Self Defence - *"Strike Back-Stay Fearless"* was organized on 30th November, 2024. **Mr. J.Ramesh Babu**, Circle Inspector of Police, Nandyal, Dhanamma, Sub Inspector of Mahila police, Nandyal, enlightened students and provided techniques to protect themselves. Around 200 girl students participated in the program.

Mr. J. Ramesh Babu, Circle Inspector of Police & Mahila police members and organizers of the program are at picture.





The Fact Hunt, an Inter College Competition held by Ramakrishna PG College, Nandyal on 17th December, 2024. Team of five girl students of RGM CET participated in the Competition.

Students are at Inter College Competition



The following students are selected in **JNTUA BALL BADMINTON** (Men & Women) selection trails held at Santhiram Engineering College (Autonomous) Nandyal, for the Academic Year (2024-2025) on 30th Sept 2024.

| S.NO | NAME OF THE STUDENTS | YEAR | BRANCH | ROLL.NO |
|------|----------------------|------|--------|------------|
| 1 | G. Akshara | III | ECE | 22091A0410 |
| 2 | N. Ganesh | III | ECE | 22091A0442 |
| 3 | B. Ashok Kumar | IV | EEE | 21091A0207 |

The following students are selected in **JNTUA Basket Ball (MEN & WOMEN)** selection trails for the Academic Year (2024-2025) on 1ST October, 2024.

| S.NO | NAME OF THE STUDENTS | YEAR | BRANCH | ROLL.NO |
|------|----------------------|------|--------|------------|
| 1 | J. Sahithi | III | CSE-DS | 22091A32B9 |
| 2 | C. Nandhini | III | CSE | 22091A05A6 |

The following student is selected in **JNTUA SOFTBALL (MEN)** selection trails held at Santhiram College of Pharmacy (Autonomous) Nandyal for the Academic Year (2024-2025) on 2nd October, 2024.

| S.NO | NAME OF THE STUDENTS | YEAR | BRANCH | ROLL.NO |
|------|----------------------|------|--------|------------|
| 1 | A. Govishnu | IV | CSE-BS | 21091A3412 |

The following student is selected in **JNTUA KHO-KHO (M & W)** selection trails held at NBKR Institute of Science & Technology (Autonomous) Vidyanagar, Nellore for the Academic Year (2024-2025) on 8th October, 2024

| S.NO | NAME OF THE STUDENTS | YEAR | BRANCH | ROLL.NO |
|------|----------------------|------|--------|------------|
| 1 | Y. Tanmai | II | ECE | 23091A04M5 |

The following student is selected in **JNTUA FOOT BALL (M)** selection trails held at Kuppam Engineering College, Kuppam for the Academic Year (2024-2025) on 16th October, 2024.

| S.NO | NAME OF THE STUDENTS | YEAR | BRANCH | ROLL.NO |
|------|----------------------|------|--------|------------|
| 1 | G. Venu | IV | ECE | 21091A04Q9 |

The following students are selected in **KHELO INDIA, ASMITA RUGBY LEAGUE (W)** held at Rajeev Gandhi Memorial College of Engineering & Technology, Nandyal for the Academic Year (2024-2025) on 27th October, 2024. In this ASMITA RUGBY LEAGUE RGM CET team secured 3rd place.

| S.NO | NAME OF THE STUDENTS | YEAR | BRANCH | ROLL.NO |
|------|----------------------|------|----------|------------|
| 1 | Y. Tanmai | II | ECE | 23091A04M5 |
| 2 | S. NavyaSree | II | CSE-DS | 23091A3297 |
| 3 | M. Tejaswini | II | CSE-CS | 23091A3757 |
| 4 | N. Jayasree | II | CSE-DS | 23091A3253 |
| 5 | Y. Chaturya | II | ECE | 23091A0436 |
| 6 | S. Vasavi | II | CSE-DS | 23091A32H7 |
| 7 | C. Rajeswari | II | CSE-AIML | 23091A3334 |
| 8 | C. Usha Rani | II | CSE | 23091A05Q0 |
| 9 | C. Komala | II | CSE-CS | 23091A3723 |
| 10 | N. Maithramma | I | ECE | 24091A04A9 |

The following students are selected in **JNTUA HAND BALL (M&W)** selection trails held at JNTUA COLLEGE OF ENGINEERING, PULIVENDULA on 8th November, 2024.

| S.NO | NAME OF THE STUDENTS | YEAR | BRANCH | ROLL.NO |
|------|----------------------|------|--------|------------|
| 1 | V. Manikanta | IV | ECE | 21091A04A0 |
| 2 | S. Surekha | I | ECE | 24091A04N6 |

RGM RAYS EDITORIAL PANEL
DEPARTMENT OF ENGLISH
 RGM CET.