



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

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Dr. M. Santhiramudu, Chairman of RGM Group of Institutions addressing the gallery at **NATIONAL CONFERENCE – WORLD POETRY DAY- Musings of Great Poets** held on March 21st 2024, organized by Department of English.

Chief Guest **Sri Goreti Venkanna garu**, Principal **Dr. T. Jayachandra Prasad** and other guests were present.



Chief Patron
Dr. M. Santhiramudu
Chairman - RGM
Group of Institutions
NANDYAL

RAYS PANEL

Dr.T. Jayachandra Prasad
Principal
and
The Department of English

RAYS STORY BOARD

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



Education is not merely acquirement of facts but also of values which help us to improve the different facets of mankind. It ensures that the world a far better place than we found it.

A pivotal role of education lies in shaping the personality of a student into a healthy mind equipped with 21st century skills. Therefore, the system of education should work as a catalyst in making each student a balanced human being with core strengths embedded in the learning experiences.

In RGM CET, we strive to map academic excellence with co-curricular activities which would develop the overall personality of students. To achieve this, I strongly feel that a paradigm shift in the minds of all stake holders should take place by innovative education system.

In this pursuit of excellence, I appreciate our faculty fraternity for supporting the institute in every aspect. The faculty members have been playing a vital role in research to bring out this institute as a premier one. Last semester, the institute witnessed a National Conference, FDPs, workshops and multiple expert talks from distinguished resource persons from divergent fields. I extend my thanks to all organizing members for their contribution.

Each issue of our college Newsletter is a milestone that marks our growth and unfolds our achievements. It unleashes a wide spectrum of activities conducted by different departments. I congratulate the entire editorial team for their hard work and dedication to publish RGM RAYS.

Teamwork is the hallmark of RGM CET. I am very sure through collaborative effort we can achieve more to benefit our students who are the future leaders of tomorrow.

Dr.T.Jayachandra Prasad
Principal



Mr. N. Nagaraja Kumar,

Associate Professor, Dept. of ECE received Doctorate from JNTUK, Kakinada on 27th March, 2024. He carried out his

research on Multi modal medical image fusion using metaheuristic approaches for improving quality of medical images under the supervision of Dr. T. Jaya Chandra Prasad, Professor, RGM CET, Nandyal.

Mr. Rajashekar, Asst.

Professor, Dept. of MBA received Doctorate from JNTUA, Anantapuramu, on 21st March, 2024.



He carried out his research work titled as A Study on impact of corporate actions on investor's reactions and share price movement with reference to National Stock Exchange under the guidance of Prof. D. Sudarsana Murthy, Dept. of MBA, SVIM College, Tirupati and Dr. T. Narayana Reddy, HoD of MBA, JNTUA, Anantapuram.

National Conferences

RGM CET witnessed a National Conference and National symposia organized by Engineering & non- engineering departments. Department of English organized a National Conference on World Poetry Day – Musings of Great Poets on March 21st 2024. More than 50 papers were presented and a Conference Proceedings with ISBN was released by the honorable Chairman Dr. M. Santhiramudu and Chief Guest Goreti Venkanna, an elite literary personality. Also, Civil Engineering department organized a National Conference during 29th-30th April, 2024 to provide a platform to faculty and researchers to present the innovative developments in technology. Nearly 40 members took part in the conference.



World Poetry Day – March 21st 2024



Dignitaries at RACE ' 2024

ARTICLE

New Technologies in AI: Exploring the Latest Trends



Nowadays, when the technological industry is developing every month, artificial intelligence (AI) stands as the major force that is progressing every minute and revolutionizing the way we live and work. Some difficult tasks that seemed impossible only a few years ago are now becoming an integral part of our reality. While scientists and engineers are arguing whether these rapid changes are good or bad, businesses should stay ahead of the curve in adopting the new technologies in AI in order to survive and grow in today's constantly changing landscape.

In today's world, new technologies in AI are no longer confined to the realms of science fiction. They are fully integrated into our daily lives. Despite many people thinking that they are behind the use of new technologies in AI, its impact takes part in the life of each individual, whether they have a mobile phone, an Internet connection, or simply buy something at the supermarket. The IT sphere has also witnessed intense changes. Everyone, from web developers and UI/UX designers to Android and iOS programmers, was forced to accept the new reality and modify their working processes.

In this article, we will reveal all the secrets that new technologies in AI hides, discuss its main trends and features, and find out how to successfully implement new technologies in AI in every business. From the remarkable advancements in natural language processing (NLP) and GPT to the impact of AI on the sales and marketing industries, we will explore the statistics, fascinating facts, and real-world business examples that successfully turn a new AI technology into profit.

TOP 11 New Technologies in AI

1. GPT-3.5/GPT-4
2. Generative Adversarial Networks (GANs)
3. Explainable AI (XAI)
4. Natural Language Processing (NLP)
5. Healthcare
6. Biometrics
7. Reinforcement Learning
8. Predictive AI Analytics
9. Chatbots and Virtual Assistants
10. Sales and Marketing
11. Data Analytics

DEPARTMENT OF CIVIL ENGINEERING

Faculty Research Publications in International Journals

- **M. Umar Basha, Manish Pandey, Deeksha Nayak; Satyavati Shukla and Anoop Kumar Shukla** published a paper on “**Spatial–Temporal Assessment of Annual Water Yield and Impact of Land Use Changes on Upper Ganga Basin, India, Using Invest Model**”. in the Journal of Hazardous, Toxic, and Radioactive Waste ,Vol: 28, Issue: 2, on April, 2024.
- **Faisal Mehraj Wani, Jayaprakash Vemuri and Chenna Rajaram** published a paper on “**Strong ground motion characteristics observed**” in Earthquake Science Journal on 06th Feb, 2024. <https://www.keaipublishing.com/en/journals/earthquake-science/>.
- **Dr K Ramadevi, Sonal Banchhor, P Sudheer Kumar, Riyaz Syed, B Naga Kiran, and Amruta Jagadish Killol** published a paper entitled “**Evaluation Of Compressive Strength Of Concrete Using Ndt And Artificial Intelligence Methods**” in the Journal of Advanced Zoology, Vol: 45, Issue:2, Pp: 235–241, 2024. <https://doi.org/10.53555/jaz.v45i2.3813>.
- **Neeraja Konkula, Faisal Meharaj Wani, Chereddy Navyatha, Jayaprakash Vemuri, and Chenna Rajaram** published a paper on “**Evaluation of Constant Ductility Displacement Response Spectra for Near-Fault Ground Motions of the 1999 Chi-Chi Earthquake**”, in the journal of Current Science, Vol:126, Issue:7, Pp:1-11, 2024. DOI: 10.18520/cs/v126/i7/837-847.

Book Chapter

V. Sai Neeraja, Sruthi, S. Rajendra Kumar and P. Prudhvi Raj published a Book Chapter entitled “**Studies on The Properties of Pervious Concrete**” in a book entitled as Futuristic Trends in Construction Materials & Civil Engineering, Vol: 3, Book 3. IIP Series, ISBN:978-93-5747-6867, Pp: 54-62, May, 2024.

TRACE -2K24

The Technical Symposium (**TRACE-2K24**), which was organized by Department of Civil Engineering during 03rd & 04th April 2024, was a resounding success, bringing together students, professionals, and experts from various locations in the field of Civil Engineering & Technology. The event featured a diverse range of activities, including workshop – PRIMAVERA, Paper presentations and poster presentations.



Constructions receiving the bouquet

Resource Person Mr. UdayaSnkar Ramaswamy, MD. BTR

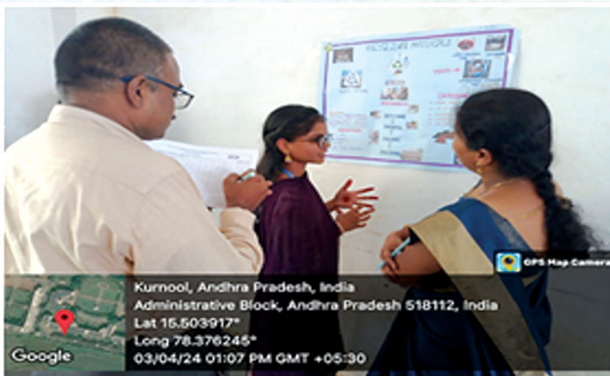
NATIONAL CONFERENCE – RACE -2K24



Distinguished Guests at RACE -2K24

National Conference on Recent Advances in Civil Engineering (RACE 2K24), was held on April 29th-30th 2024, emerged as a significant event in the field of civil engineering. The conference attracted a diverse audience of academics, and students to explore and discuss the latest developments, challenges, and future directions in civil engineering. **Dr. A.Muralikrishna**, Professor, IIT, Tirupathi attend as Guest Speaker and **Dr. Sunandana Reddy** was attended as Convener for this conference.

- A One day Online workshop on **True Mind: American Conventional Steel Detailing Process** was held on 11th January, 2024. The Lecture was given by **Dr. C Rajaram**.
- Various activities in collaboration with Institution's Innovation Council (IIC) were held during the semester. A Programme on **'Sustainable solutions against Plastic Pollution'** was conducted on 22-04-2024. A total of 110 students and 4 faculty members took part in the programme. **Ms. Fouzia Sulthana** was the Convener and Ms. T. Shanthala acted as Coordinator for this event.
- Another IIC driven activity on **'Innovations in Infrastructure – A Civil Engineering Expo'** was conducted on 6-5-2024. A total of 111 Students were benefited by the programme. **Ms. Fouzia Sulthana** was the Convener and **Ms. Shanthala. T.**, was the Coordinator of the event.
- National Science Day was celebrated on 28th February, 2024 with scientific temperament. A total of 175 students participated in Poster Presentations. **S.Kalyani** got I Prize and **P.Lahari & M. Sravani** obtained II Prize.



Students exhibiting the posters & models at Civil Engineering Expo

FACULTY FDP'S/ SEMINARS/ WORKSHOPS ATTENDED

S. No	Name of the faculty	Title of the program	Duration	Organization
1	Mr. M. Umbar Basha	Geodata Processing Using Python	15/01/2024 To 19/01/2024	ISRO & IIRS-Dehradun
2	Mr. C. Krishnama Raju	Blockchain Technology	28/01/2024	GUVI Geek Networks
3	Mr. Bharath Kumar	Exploring Earth's Moon Through Chandrayaan	19/02/2024 To 23/02/2024	ISRO & IIRS-Dehradun
4	Mr. D. V. Prudhvi Raj	Advanced Materials Processing & Characterization Methods	26/02/2024 To 02/03/2024	Gates Institute of Technology (Autonomous), Gooty, Anantapur
5	Ms. T. Shantala	IA Training "Foundation level"	10/04/2024	MoE's Innovation Cell
6	Mr. C. Krishnama Raju	Fat Chance: Probability from the Ground Up. (edX Course)	14/04/2024	Harvard University
7	Mr. K. Venkateswarlu	Machine Learning with Python: A Practical Introduction. (edX Course)	14/04/2024	IBM
8	Ms. T. Shantala	Climate Change: Carbon Capture and Storage. (edX Course)	15/04/2024	The University of Edinburgh
9	Mr. T. Raghavendra	Machine Learning with Python: A Practical Introduction. (edX Course)	15/04/2024	IBM
10	Mr. G. N. Sreekanth	IA Training "Foundation level"	16/04/2024	MoE's Innovation Cell
11	Ms. T. Shantala	National Intellectual Property Awareness Mission	26/04/2024	Intellectual Property Office, India
12	Mr. D. V. Prudhvi Raj	NEP 2020 Orientation & Sensitization Programme	06/06/2024 To 15/06/2024	S.V. University, Tirupati & UGC-MMTTC
13	Dr. B. Naga Kiran	Sustainable Construction Management. (edX Course)	08/06/2024	University System of Maryland
14	Mrs. S. Snigdha Malya	Climate Change: Carbon Capture and Storage. (edX Course)	10/06/2024	The University of Edinburgh
15	Dr. C. Rajaram	Introduction to Machine Learning and AI. (edX Course)	12/06/2024	Raspberry Pi Foundation
16	Ms. B. Sailaja	Climate Change: Carbon Capture and Storage. (edX Course)	12/06/2024	The University of Edinburgh
17	Mr. V. Madhu	Climate Change: Carbon Capture and Storage. (edX Course)	15/06/2024	The University of Edinburgh
18	Mr. G. N. Sreekanth	IA Training "Advanced level"	21/06/2024	MoE's Innovation Cell

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Faculty Research Publications in International Journals

- **M. Surya Bhupal Rao**, et.al., published a paper entitled “**Deep learning based classification of COVID-19 severity using hierarchical deep max out model, Bio medical Signal Processing and Control**” in the journal of Biomedical Signal Processing and Control, Vol:88, Part A, ISSN: 1746-8094, 2024. <https://doi.org/10.1016/j.bspc.2023.105653>. (SCI)
- **Usen Dudekula** et.al., published a paper entitled “**Evaluating CZTS Solar Cell Performance Based on Generation and Recombination Models for Possible ETLs Through Numerical Analysis**” in the Journal of Electronic Materials 2024. <https://doi.org/10.1007/s11664-024-10930-3>. (Springer)
- **V. V. Jaya Rama Krishnaiah** et.al., published a paper on “**Optimizing ZnO/CdS/CdTe bilayer structures for enhanced CdTe solar cell efficiency: A machine learning approach**” in the Journal of MRS Advances, Jan, 2024. <https://doi.org/10.1557/s43580-024-00772-w>. (Springer)
- **Y. Madhusudhana Reddy**, et.al., published a paper on “**Integrating IoT and Artificial Intelligence for Enhanced Electric Vehicle charging and Autonomous Driving for Sustainable Transportation**” in the Journal of Electrical Systems 20-2s(2024), Pp:893-900, ISSN: 2229-838X, April, 2024. (SCI)
- **Dr. J. Sofia Priya Dharshini**, published a paper entitled “**Optimized NOMA system using Hybrid Coding and Deep Learning - Based Channel Estimation**” in the Journal of Wireless Personal Communications, Vol: 134, pp. 1801-1826, April, 2024. (SCI)
- **C.Venkataiah, Y. Mallikarjuna Rao, S. Rambabu, Kumar T**, published a paper on “**Performance Analysis of Nano Transistor Based Binary and Ternary Logic Gates**”, in the International Journal of Integrated Engineering, Vol:16(2), Pp:66-75, ISSN : 2229-838X, April, 2024.(ESCI)
- **C. Venkataiah, R. Sireesha** et al., published a paper entitled “**A novel NASNet model with LIME explainability for lung disease classification**” in the Journal of Biomedical Signal Processing and Control, Vol: 93, ISSN: 1746-8094, 2024. <https://doi.org/10.1016/j.bspc.2024.106114>. (SCIE)
- **R. Sireesha, K. Raju, B. Geetha Rani and V. Saraswathi** published a paper entitled “**Optimizing Power Consumption in Signal Processing through Approximate Compressors**”, in the Journal of VLSI Design and its Advancement, Vol:7, Issue: 1, Pp. 33-41, 2024. DOI:<https://doi.org/10.5281/zenodo.10795836K>. <https://doi.org/10.5281/zenodo.10990505>

• **Raju, M. Chennakesavulu, V. Saraswathi B. Geetha Rani and R. Sireesha** published a paper on **“Enhancing Stock Market Predictions: Leveraging Machine Learning and Time Series Analysis for Accurate Forecasting”** in the Journal of Advancement in Communication System, Vol: 7, Issue: 2, 2024. DOI: <https://doi.org/10.5281/zenodo.10940713> .

<https://doi.org/10.5281/zenodo.10990505>

• **Manjula Jayamma, Farooq Sunar Mahammad, N. Ramadev and C. Venkataiah** published a paper on **“Security Solution for Bank Lockers Utilizing RFID and IOT Voice Reporting”** in the Journal of Advancement of Signal Processing and its Applications, Vol: 7, Issue: 2, April, 2024.

FDP/ SEMINAR/ WORKSHOP ATTENDED

• **Dr. N. Ramanjaneyulu**, successfully completed Faculty Development Programme on **“Advanced Computer Architecture”** through NPTEL-AICTE during Jan-Apr, 2024.

• **Dr. N. Ramanjaneyulu** successfully completed Faculty Development Programme on **“Computer Networks and Internet Protocol”** through NPTEL-AICTE during Jan-Apr, 2024.

• **Dr. A. Sathish**, successfully completed Faculty Development Programme on **“Probability for Computer Science”** through NPTEL-AICTE during Jan-Mar, 2024.

Book Publications

• **Dr. J. Sofia Priya Dharshini**, published a book entitled Fundamentals of Digital Circuits, ISBN: 978-93-6132-071-2, Scientific International Publishing House, March 2024.

Awards and Honors

• **Dr. J. Sofia Priya Dharshini**, HoD-ECE received **“Jyestha Acharya Award: in Bharat Educational Excellence”** from Brain O’ Vision at Vijayawada in April, 2024.

• **Dr. J. Sofia Priya Dharshini**, HoD received **“Student Mentorship and Development Award”** from Artificial Intelligence Medical Emerging Research Society, Hyderabad in March, 2024.



Patents

• **Dr. V. N. V. Satya Prakash** received Patent on **“Head Scanning Device to Diagnose Brain Activity Problems”** on 04th January, 2024. He also obtained a Patent on A Novel Mini Rice Quality Testing Machine for Farmerson 05th January, 2024.

• **Dr. J. Sofia Priya Dharshini** received Patent on **“Developing a Consent Management Framework for User Centric IoT Devices”** on 22nd March, 2024.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Faculty Research Publications in International Journals

- **Mr. P. Sai Sampath Kumar, D. Lenine**, and et.al., published a paper on **"Performance improvement of predictive voltage control for interlinking converters of integrated micro grid"** in an International Journal of Measurement Sensors, Vol:33, June, 2024. <https://www.sciencedirect.com/science/article/pii/S2665917424001727> (Scopus)

FDP/Workshops/Seminars/Conferences Attended

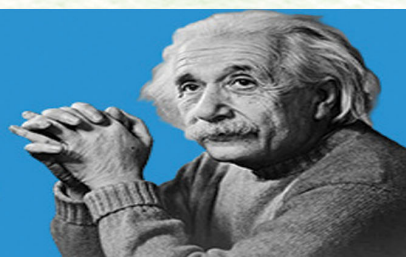
- **Dr .D. Lenine, Mr. P. Sai Sampath Kumar**, presented a paper on **"Performance Improvement of Integrated Micro-grid Based Predictive Control Scheme"** in International Conference on Computational Innovations and Emerging Trends (ICCIET-2K24) organized Bonam Venkata Chalamayya Engineering College, Odalarevu, A.P., during 4th to 5th April, 2024.
- **Dr. V. Narasimhulu**, presented and published a paper on **"Maximum Power Extraction of PV Panel Adopting AI-MPPT Scheme in Standalone System"**, in an International Conference on Smart Systems for applications in Electrical Sciences (ICSSES) at Tumakuru on 21st June, 2024, DOI: 10.1109/ICSSES62373.2024.10561358.
- **Mr. G. Kumaraswamy** et.al., along with students presented a paper entitled **"Dual Axis Solar Tracking System Using Arduino with IOT Monitoring"** in an International Conference on Innovations in Advanced Artificial Intelligence and Augmented Reality (IAAA2024) organized by Sri Padmavati Mahila Visvavidhyalam (SPMVV), Tirupati from 11th to 12th, March 2024.

Books Published

- **Mr. G Kumara Swamy** Published a book entitled **"Power Electronic and Renewable Energy System"** ISBN: 978-81-19359-80-6, Cosmos Scientific Publications, 2024.
- **Dr. Y. Vijaya Suresh** published a book entitled **"Non-Conventional Energy Sources"** ISBN: 978-93-6096-885-4, Cosmos Scientific Publications, 2024.

**"If you always do what you
always did, you will always get
what you always got"**

-ALBERT EINSTEIN



Book Chapter

- **Mr. V. Narasimhulu**, published a Book Chapter on **“Performance Analysis of Single-Stage PV Connected Three-Phase Grid System under Steady State and Dynamic Conditions”** in P.C. Sharma is text book of Production Engineering, 2024.

Awards and Honors



Dr. V. Nagabhaskar Reddy, Professor and Hod receive Innovative Teaching Excellence Award from AIMERS Society on 23rd, March, 2024, for his outstanding contribution in Academics

Dr. V. Nagabhaskar Reddy, receiving award from the AIMERS Members

Workshops / Seminars / Guest lectures organized

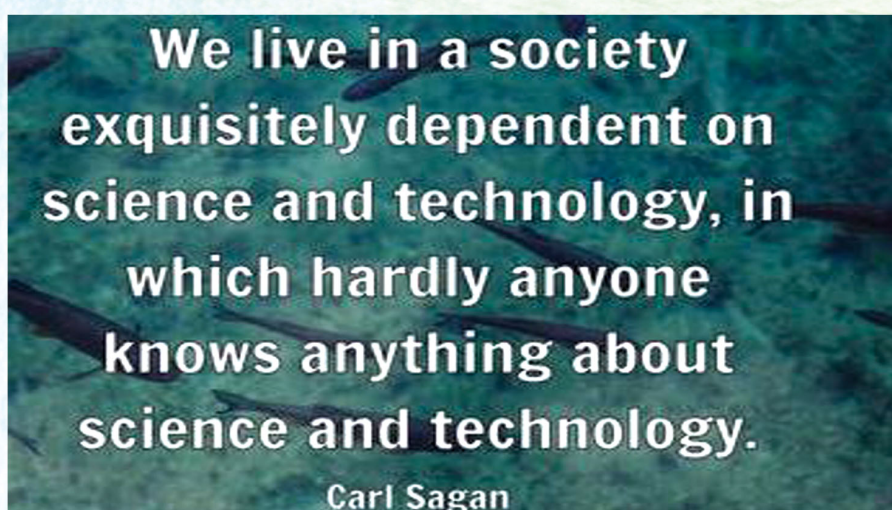
- The Department organized a program for III. B. Tech students entitled **“An overview on VLSI Physical Design”** on 27th February, 2024. **Mr. M. Sathish Kumar Reddy**, Design Engineer, NVIDIA Solutions attended as a resource person for the program.
- The Department organized a National Level Technical Symposium **Ripple -2k24 PRAVAHA** on 14th and 15th March, 2024 with association of IEEE. The Technical Events and Non-Technical Events such as Pragma, Technozen, codathon were conducted for students. The HOD and Faculty was supervised the program and made success.



HoD, faculty members and students at PRAVAHA'24

Patents

- **Dr. D. Lenine, Dr. J. Surya Kumari and Dr. V. Nagabhaskar Reddy** published a Patent on “Parking Management system using arduino” in February, 2024.
- **Dr. D. Lenine, Dr. J. Surya Kumari** published a Patent on “Ardui9no Based inverter power backup for the home appliances” in March, 2024.
- **Dr. J. Surya Kumari , Mr. R. Satish Kumar and Mr. E. Narashimuhulu** published a Patent on “ Voting Access through Fingerprint” in Mar, 2024.
- **Dr. V. Naga Bhaskar Reddy, Dr. J. Surya Kumari** published a patent on “Design of Smart Walking Stick for Visually Impaired People” in Mar, 2024.
- **Mr.E Narasimhulu, Mr.J. Nagarjuna Reddy** published a patent on “IOT based Health Monitoring System” in May, 2024.
- **Mr. P. Sesi kiran, Mr. P Sai Samapth Kumar, Dr. J. Surya Kumari and Dr. D. Lenine** “Nano-Enhanced Pcm Formulations For Rapidcharge/Discharge In Ev Thermal Energy Storage Systems” in June, 2024.
- **Mr. P. Sai Sampath Kumar and Mr. P. Sesi Kiran** published a patent on “Solar Powered Autonomus Multipurpose Agricultural Robot Using Bluetooth” in June, 2024.



DEPARTMENT OF MECHANICAL ENGINEERING

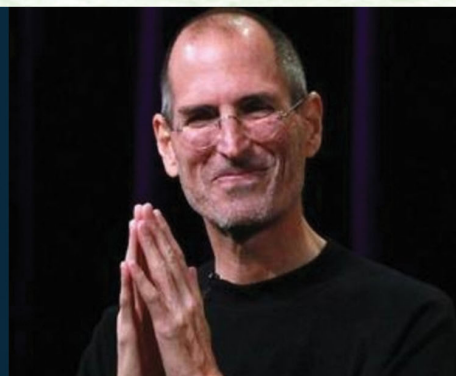
Faculty Research Publications in International Journals

- **Dr. B. Sidda Reddy and Dr. K. Vijaya Kumar Reddy**, published a paper on **“Analyzing the Buckling Behavior of In-plane Bidirectional Functionally Graded Porous Plates”** in the Journal of Computational Applied Mechanics, Vol:55, Issue:3 Pp. 322-339,2024. DOI: 10.22059/jcamech.373641.995,2024.
- **H. Panchal and Gujjala. R.** published a paper entitled as **“Effect of Microcrystalline Cellulose on The Mechanical Properties of Flax Reinforced Methyl Methacrylate and Urethane Acryl Ate Composites”** in the Journal of Materials Science, Vol:59, Issue:7, Pp.2872-2892, 2024. <https://doi.org/10.1007/s10853-024-09349-2>.
- **Hussain, S. A.** et.al., published a paper on **“Turning GFRP Composites With Multi-Response Optimization Using TOPSIS Method”** in International Journal on Interactive Design And Manufacturing (Ijidem), Vol: 1, Issue: 13, 2024.<https://doi.org/10.1007/s12008-024-01762-w>.
- **Rajak, U.**, et.al., published a paper on **“A Numerical Investigation on a Diesel Engine Characteristic Fuelled Using 3D CFD Approach”** in the Journal of Fuel, Vol:368, Pp.131488, 2024. <https://doi.org/10.1016/j.fuel.2024.131488>.
- **Upendra Rajak**, et.al, published a paper entitled **“Artificial Intelligence Based-Prediction Of Energy Efficiency And Tailpipe Emissions of Soybean Methyl Ester Fuelled CI Engine Under Variable Compression Ratios, Energy”**, in the Science Direct Journal of Energy, Vol: 294, May 2024.
- **Abishek, M.S., Kachhap, S., Rajak, U.** et. al., published a paper on **“Energy Sustainability, And Emissions Assessment Of Guizotiaabyssinica (L.) Fuel Blends with Metallic Nano Additives”** Sci Rep 14, 3537 (2024). <https://doi.org/10.1038/s41598-024-53963-8>.
- **Rajak, U., Chaurasiya, P.K., Verma, T.N.** et.al., published a paper on **“Optimizing soybean biofuel blends for sustainable urban medium-duty commercial vehicles in India: an AI-driven approach. Environment”** SciPollut Res 31, 32449–32463, 2024. <https://doi.org/10.1007/s11356-024-33210-3>.

- **Abishek S. and Rajak U.** published a paper on **“Analysis And Optimization Of Guizotiaabyssinica (L.) With Alumina, Titanium And Diesel Blends On DI Engine Combustion And Emissions”** in the Journal of Environment Development and Sustainability, 2024. <https://doi.org/10.1007/s10668-024-04841>.
- **Suresh B A** et.al., published a paper on **“Predict The Characteristics Of Diesel Engine Using Glycine Max Oil Biofuel”** in proceedings of the Institution of Mechanical Engineers with Part E: Journal of Process Mechanical Engineering. 2024. 0(0).doi:10.1177/09544089241230885.
- **Upendra Rajak** et.al., published a paper on **“Numerical Investigation of the Effect of Operating Conditions on Performance of PV-PCM System”** in the Journal of Process Mechanical Engineering, Procimech E Part E: 1-13, Sage Publications. April, 2024.
- **Panchal M** et.al., published a paper on **“Assessment of Mechanical Behavior of Jute/Glass Fiber Hybrid Composites Filled with Charcoal”** in the Journal of Recent Advances in Mechanical Engineering , Vol:1, Pp 439–447, 2024. (Springer)
- **Raghavendra G** et.al., published a paper entitled **“Recent Advances in Mechanical Engineering”** in Lecture Notes in Mechanical Engineering. Springer, Singapore, Vol: 1, 2024. https://doi.org/10.1007/978-981-97-0918-2_36. (Scopus)

*“Innovation distinguishes between
a leader and a follower.”*

– Steve Jobs



NATIONAL LEVEL TECHNICAL SYMPOSIUM: SANKALP – 2024

*The Department organized 27th National Level Technical Symposium: **SANKALP – 2024** during March 1st- 2nd 2024. Nearly 850 students from different branches participated in various events of the Symposium. The program was organized to enhance the Technical skills among the students.*



A Two Day workshop was organized on the topic CNC Mill and Turn during March 1st and 2nd 2024. **Dr. Manoj Panchal** was attended as convener for this program. A total of 56 ESC Government Polytechnic Students were benefitted from the workshop.

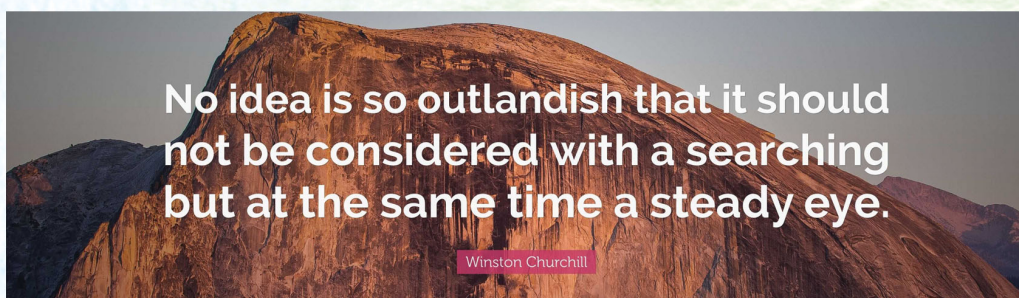
Polytechnic Students are at workshop



- The Department organized Awareness program on **Meera Pehla Vote- Desh Ke Liye** in association with AICTE on 06th March, 2024. The second and third year students took part in the oath ceremony.

Students at the oath-taking event

- The Department conducted Essay writing competition on **Beaureau of Indian Standards** on 17th February, 2024, in association with Standard Clu. Nearly 130 students participated in the essay writing competition
- The Department organized an Industrial Visit to **Ramco Cements, Kolimgundla**. **Dr. B. Sidda Reddy** and Mr. B. Dinesh Babu accompanied the students and discussed technical issues during visit on 28th March, 2024.



DEPARTMENT OF CSE

Faculty Research Publications in International Journals

Faculty Members of CSE published nearly 40 papers in the current semester. Few of them are mentioned below:

- **P. Harikrishna and R. Kaviarasan**, published an article on “**Securing the Fog Computing Environment and Enhancing Resource Allocation**” in journal called as Wireless Personal Communication, ISSN: 1572-834X, Vol: 136(1), 2024. <https://doi.org/10.1007/s11277-024-11308-8> (SCI).
- **Mr. Monelli Ayyavaraiah**, published an article titled “**Smart Devices for Monitoring Health and Diseases Using Machine Learning and Deep Learning Methods**” in Journal of Basic Science and Engineering, ISSN: 1005-0930, Vol: 21 Issue: 01, June, 2024. <https://yjgkx.org.cn/index.php/jbse/article/view/175>(Scopus).
- **Dr. K. Subba Reddy** et.al., published an article titled “**Captioning the Scene: Automated Image Description**” in the journal of Information and Computational Science, ISSN: 1548-7741, Vol:14, Issue: 04, 2024.
- **Dr. K. Narasimhulu** et.al., published an article titled “**Estimation And Detection of Potholes in Urban Roads Using Machine Learning for Enhancing Drivers’ Safety**” in the journal of Information and Computational Science, ISSN: 1548-7741, Vol: 14, Issue: 04, 2024.
- **Dr. K. Nageswara Reddy** et.al., published an article titled “**Camera System for Over Speed Detection and License Plate Detection Using Machine Learning and Video Streaming Analysis**” in the International Journal of Advanced Research in Computer and Communication Engineering , ISSN: 2278-1021, Vol:13, Issue:04, 2024.
- **Mr. K. Viswanath** published an article titled “**Smart Waste Management System Using Wsn for Enhanced Circular Economy of the Smart City**”, in Journal of Environmental Protection and Ecology, Vol: 25, No 2, Pp:430–439, April, 2024.
- **Mr. C. Hrishikesava Reddy** et.al., published an article titled “**Creative Visionaries through Machine Learning**” in International Journal of Advanced Research in Computer and Communication Engineering, ISSN: 2278-1021, Vol:13, Issue:04, April, 2024.
- **Dr. Sunil and V. K. Gaddam** et.al., published an article titled “**Financial Risk Management by Predicting Cryptocurrency Prices using Deep Learning Mechanism**” in the journal of Information and Computational Science, ISSN: 1548-7741, Vol:14, Issue:04 2024, Pp: 397 – 402, 2024. DOI:10.12733/JICS.2024.V14I04.535569.10056.

- **Dr R. Raja Kumar, R priyanka, K Madhu and P Meghana** , published an article titled "**Deep Learning Advancements in Voice Emotion Reconition with Neural Networks**" in Strad Research Journal, ISSN: 0039-2049, Vol:11 Issue:4, Pp. 181-188, April, 2024.
- **Mr. M. Vinay Kumar & Masalchi Akhila** published an article on "**Detection and classification of coffee leaf disease using Deep Learning**" in International Journal of Engineering & Science Technology, ISSN::2277-2685, Vol:14, Issue:2, Pp:1004-1016, May, 2024. <https://ijesr.org/admin/uploads/Article%20%20pp%201004-1016.pdf>
- **Dr. O. Sampath and Sanikala Anil Kumar** an article on "**Revolutionizing Health Systems Efficiency: A Novel Software Engineering Approach Leveraging Machine Learning**" in an International Journal of Engineering Science and Technology ISSN: 2250-3676, Vol: 24, Issue:5, Pp:255-264, May, 2024. <https://www.ijesat.com/ijesat/files/>
- **Mr. B. Rameswara Reddy and Besta Balaji** published an article on "**Predictive Modeling for Electric City Bus Energy Consumption: A Data-Driven Approach**" in the Journal of Engineering Sciences, ISSN: 0377-9254, Vol:15, Issue:5, Pp: 608-617, May, 2024. <https://jespublication.com/uploads/2024-V15I5072.pdf> .
- **Mr.V.Raja Sekhar and P. Guru Sai** published an article on "**A Data-Driven Approach: Urban Water Quality Prediction Through Ubiquitous Data**" in the Journal of Engineering Sciences, ISSN: 0377-9254, Vol:15, Issue:5, Pp:320-328, May, 2024. <https://jespublication.com/uploads/2024-V15I5037.pdf>
- **Mr. M. Ravi Kumar & Konda Likhitha** published an article on "**Detecting gas in hyperspectral images using 3D -CNN and Autoencoder**" in an International journal of Engineering & Science Technology ISSN: 2277-2685, Vol:14, Issue:2, Pp:1468-1482, May, 2024. <https://ijesr.org/admin/uploads/Article%20%20pp%201468-1482.pdf>
- **Dr. R. Kaviarasan and Shaik Mahimun** published an article on "**Novel Centralized Organ Donation and Transplantation System Using Blockchain Based Technology**" in the Journal of Current Science & Humanities, ISSN: 2347-7792, Vol. 12, Issue: 2, Impact Pp:12-19, May, 2024. <https://jcsonline.in/issues.php?id=34>
- **Mr. V.V. Nagendra Kumar and Arepogu Mounika** published an article on "**A Framework of Machine Learning for Early-Stage Detection of Autism Spectrum Disorders**" in an International Journal of Management Research and Review ISSN: 2249-7196, Vol: 14, Issue: 4, Pp:01-08, June, 2024. <https://ijmrr.com/admin/uploads/Article%20V14%20%20I4%20%20pp%2001-18.pdf> .
- **Dr. K. Subba Reddy et.al.**, published an article on "**Captioning the Scene: Automated Image Description**" in the journal Information and Computational Science, ISSN: 1548-7741, Vol:14, Issue: 04, 2024.

- **Mr. P. Murthuja and Shaik Omar Farhan** Farhan published an article on "**Optimized Yolo V5 For Solar Cell Surface Defect Detection**" in Strad Research Journal, ISSN:0039-2049,Vol:11, Issue: 5, Pp:145-154, May, 2024. <https://doi.org/10.5281/Zenodo.11609288>
- **Mrs. Chaitanya Nukala and Chakali Rama Tulasi** published an article on "**Assessing User Trustworthiness in Social Reviewing Systems**" in an International Journal of Engineering Science and Technology ISSN: 250-3676, Vol:24, Issue: 6, Pp:50-58, June:2024. https://www.ijesat.com/ijesat/files/V24I0607_1718091764.pdf
- **Mrs. Bana Swetha and Raja Sai Krishna Karthikeya** published an article on "**Securing IoT: A Dual Machine Learning Strategy For Botnet Attack Prevention and Detection**" in the journal Strad Research, ISSN: 0039-2049,Vol:11, Issue:5, Pp:162–171, May, 2024. <https://doi.org/10.5281/Zenodo.11143263>
- **Dr. Pogula Sreedevi and Narisepalli Sai Sneha** published an article on "**Securing Wireless Signal Classifiers: Defense Against Membership Inference Attacks With Deep Learning**" in International Journal of Engineering Science and Technology ISSN:2250-3676, Vol:24, Issue: 5, Pp:409-417, May, 2024. https://www.ijesat.com/ijesat/files/V24I0550_1715747512.pdf
- **Mrs. S Tahseen Banu and Singa Sanjeeva Raju** published an article on "**AI-Powered Cybersecurity: Machine Learning for Threat Identification in Financial Institutions**" in Strad Research Journal, ISSN: 0039-2049, Vol:11, Issue:5, Pp:216-225, May,2024. <https://doi.org/10.5281/Zenodo.11151478.pdf>
- **Dr. Kunam Subba Reddy and Sugumar Shakthi Priya** published an article on "**Deep Learning For Bird Species Recognition**" in Strad Research Journal, ISSN: 0039-2049, Vol:11, Issue:5, Pp:172–176, May, 2024. <https://doi.org/10.5281/Zenodo.11151433>
- **Mr. K. Janardhan and A. Srikanth** published an article on "**Deep Learning For Detecting and Classifying Inappropriate Content in Youtube Videos**" in Journal of Engineering Sciences, ISSN: 0377-9254,Vol:15, Issue:5, Pp: 711-719, May, 2024. <https://DOI:10.15433.JES.2024.V15I5.43P.85>
- **Dr. M. Sravan Kumar Reddy and P. Supraja** published an article on "**Framework for Outlier Detection in Large-Scale Datasets Using Local Dynamic Neighborhoods**" in Strad Research Journal ISSN:0039-2049,Vol:11, Issue:5, Pp:853-858, May, 2024. <https://doi.org/10.5281/Zenodo.11403490>
- **Dr. K. Nageswara Reddy and Y P Venkateswar Reddy** published an article on "**Early Detection Of Cardiac Arrest in Neonatal Intensive Care: A Machine Learning and Statistical Modeling Apporach**" in Strad Research journal ISSN:0039-2049, Vol:11, Issue:5, Pp:143-153, May, 2024. <https://zenodo.org/records/11143251>

- **Mrs. D. Sravanthi and Valmiki Vikas** published an article on "Enhancing Earthquake Early Warning Accuracy: Machine Learning Approaches for Rapid Source-Location Estimation" in Strad Research Journal, ISSN:0039-2049, Vol:11, Issue:5, Pp:367-372, May, 2024. <https://doi.org/10.5281/Zenodo.11181553>
- **Dr. K. Subba Reddy and GundaAruna** published an article on "Captioning The Scene: Automated Image Description Journal of Information and Computational Science" ISSN:1548-7741, Vol:14, Issue:4 Pp:243 – 249, May, 2024. <https://joics.org/vol-14-issue-4-2024/>
- **Mr. P. Naveen Sundar Kumar et.al.,** published an article on "Real time Face Emotion Recognition And Worker in Stress Analysis" in the Journal of IJARCCCE ISSN: (O) 2278-1021, Vol: 13, Issue.4, Pp:301-310, May, 2024. <https://ijarcce.com/papers/realtime-face-emotion-recognition-and-worker-stress-analysis/>
- **Dr. N. Madhusudhana Reddy & VR. Chandana Priya Reddy** published an article on "Gesture Voice-Empowering Communication" in Strad Research Journal Vol:11, Issue:4 Pp:201-206, May, 2024. <https://stradresearch.org/index.php/volume-11-issue-4-2024/>

Book Publications

Sl. No.	Name of the Author	Title of the Book	ISBN number	Publisher
1.	Dr. K Subba Reddy	Fundamental Practices of Computer Graphics	978-93-91478-87-2	Sara Book Publication
2.	Dr. R Kaviarasan	Machine Learning-Based Intrusion Detection System with Tuned Spider Monkey Optimization for Wireless Sensor Networks	9781394233922	<u>Scrivener Publishing LLC</u>
3	Dr. R Kaviarasan	Securing the Internet of Things (IoT) Environment Using Bio-Inspired Meta-Heuristic Methodologies	9781032686745	<u>Auerbach Publications</u>
4.	Dr. R Kaviarasan	IoT-Based Classification of COVID-19 Using Feature Extraction and Hybrid Architectures of Convolutional Neural Network (CNN)	9781032686745	<u>Auerbach Publications</u>
5.	Dr. P Sreedevi	IMPROVE FAULT DETECTION AND SENSOR ROUTING PROBLEMS WITH NAIVE BAYES CLASSIFIER AND DATA AGGREGATION APPROACH	978-93-6252-967-1	<u>IIP Series</u>

Awards



Dr. K. Subba Reddy, HOD received an award titled ***"Iyestha Acharaya Award"*** from Bharat Education Excellence Awards, on March, 2024.

Dr. N. Madhu Sudhana Reddy, Professor, received an award titled ***"Master Educator in Academic Leadership Award 2024"*** from AIMER Society, on 02nd March, 2024.



Dr. P Prathap Nayudu, Assoc. Professor, received an award ***"Student Mentorship and Development Award 2024"*** from AIMER Society, on 02nd March, 2024.

Patents

S.No	Dept.	Application No.	Name of the faculty	Title of the invention	Date of Filing	Status
1	CSE	202441020464	Dr. K. Subba Reddy	Exploring Machine Learning with Graph Theory: A Generalised Social Network Analysis-Based Classification	29-03-2024	Published
2	CSE	202341088178	G Naga Pavani	Enhancing Cybersecurity in Leveraging Machine Learning Models for Detecting Distributed Denial of Service Attacks in Agriculture 4.0	12-01-2024	Published
3	CSE	396981-001	Dr R Kaviarasan	UNIVERSAL IOT REMOTE FOR LIVE STREAMING DEVICES	23-02-2024	Registered
4	CSE	20244100690	B.V. Chandra Sekhar	System And Method For Tracking And Managing Chronic Diseases Using Iot And Machine Learning	01/03/2024	Published

DEPARTMENT OF CSE (DATA SCIENCE)

Faculty Research Publications in International Journals

Faculty Members of CSE published nearly 40 papers in the current semester. Few of them are mentioned below:

- **B. Bhaskara Rao and S. Karimulla Basha** published a article on **“Securing the Fog Computing Environment and Enhancing Resource Allocation”** in journal called as Wireless Personal Communication, ISSN: 1572-834X, Vol: 136(1), 2024. <https://doi.org/10.1007/s11277-024-11308-8> (SCI).
- **Mr. Monelli Ayyavaraiah**, Assistant Professor, published an article on **“Smart Devices for Monitoring Health and Diseases Using Machine Learning and Deep Learning Methods”** in Journal of Basic Science and Engineering, ISSN: 1005-0930, Vol: 21 Issue: 01, June, 2024. <https://yjgkx.org.cn/index.php/jbse/article/view/175>(Scopus).
- **Dr. K. Narasimhulu** et.al., published an article on **“Estimation And Detection of Potholes in Urban Roads Using Machine Learning for Enhancing Drivers’ Safety”** in journal of Information and Computational Science, ISSN: 1548-7741, Vol: 14, Issue: 04, 2024.
- **Mr. K. Viswanath** published an article on **“Smart Waste Management System Using Wsn for Enhanced Circular Economy of the Smart City”**, in Journal of Environmental Protection and Ecology, Vol: 25, No 2, Pp:430–439, April 2024.
- **Mr. C. Hrishikesava Reddy** et.al., published an article on **“Creative Visionaries through Machine Learning”** in International Journal of Advanced Research in Computer and Communication Engineering, ISSN: 2278-1021, Vol:13, Issue:04, April, 2024.
- **Dr. Sunil and V. K. Gaddam** et.al., published an article titled as **“Financial Risk Management by Predicting Cryptocurrency Prices using Deep Learning Mechanism”** in the journal of Information and Computational Science, ISSN: 1548-7741, Vol:14, Issue:04 2024, Pp: 397 – 402, 2024. DOI:10.12733/JICS.2024.V14I04.535569.10056.
- **Dr. K. Nageswara Reddy** et.al., published an article on **“Camera System for Over Speed Detection and License Plate Detection Using Machine Learning and Video Streaming Analysis”** in International Journal of Advanced Research in Computer and Communication Engineering , ISSN: 2278-1021, Vol:13, Issue:04, 2024.

- **A. Annapurna** published a paper titled **“Multi-Disease Detection with X-ray Images Using Deep Learning Techniques”** in an International Journal of Organization Development Journal, ISSN: 0889-6402, Vol:12, Issue: 4, April, 2024. (SCI)
- **Dr. S Karimulla Basha** published a paper titled **“A Secure Framework based on Hybrid Cryptographic Scheme and Trusted Routing to Enhance the QoS of a WSN”** in an International Journal of Engineering, Technology & Applied Science Research (ETASR) . ISSN: 1792-8036, Vol: 14, Issue: 4, Pp: 15711-15716, May, 2024. DOI: <https://doi.org/10.48084/etasr.7633>. (ESCI)
- **Dr. M. Jahir Pasha** published an article titled **“Trust based reputation Framework for data security in cloud environment”** in journal called as Journal of Electrical Systems, Vol: 20, June, 2024. <https://doi.org/10.52783/jes.3603> ISSN 1102-111. (WOS)
- **Mr. Y P Srinath Reddy** published a paper titled **“Multi-Modal Deep Learning Architecture for Precise Brain Tumor Detection”** in an International Journal of African Journal of Biological Sciences (South Africa), ISSN: 2663-2187, Vol: 6, Issue: 2, Pp: 2171-2182, May, 2024. DOI: 10.33472/AFJBS.6.Si2.2024.2170-2182. (ESCI)

Paper Publications in Conferences



M. Jahir Pasha presented a paper on **Ethereum Blockchain-Based Design and Implementation of Electronic Records for Home Care** at 2nd International Conference on Networking and Communications (ICNWC), SRM University, Chennai, India, 2024, Pp. 1-8, DOI: 10.1109/ICNWC60771.2024.10537339.

Book Chapters

- **M. Jahir Pasha** presented a Book Chapter entitled **Machine Learning Applications in Predictive Pest Modeling for Developing Pest-Resistant Crop Varieties** book called as Revolutionizing Pest Management for Sustainable Agriculture. DOI: 10.4018/979-8-3693-3061-6.ch016Source.
- **Dr K Rangaswamy** published a Book Chapter on **Navigating Green Computing Challenges and Strategies for Sustainable Solutions**, entitled as IGI Global -2024. DOI: 10.4018/979-8-3693-1552-1.ch003.

FDPs / Seminars/ Workshops Attended

- *Mr. B.Bhaskara Rao, Dr. S. Karimalla Basha, Dr. M.Suleman Basha, Dr. K.RangaSwamy, Dr. M. Jahir Pasha, Dr. M. Sri Raghavendra, Dr. P. Penchal Prasad Mr. G.Vikram Chandra, MS. K.Rathi , Mrs. A.Annapurna, Mr.G. Viswanath , Mr.S.Khaleel, Mr.Y.P.Srinath Reddy and Mr. S. Mohammed* participated in A Five Day Online Faculty Development Program on **Machine Learning and Deep Learning** from 27th to 31th May, 2024 organized by Department of Computer Science and Engineering & Business Systems and Computer Science and Engineering (Artificial Intelligence & Machine Learning) in association with Institution's Innovation Council.
- *Mr. Y. P. Srinath Reddy*, participated in A Five Day Online Faculty Development Program on **Blockchain Technology** from 8th to 12th January, 2024, organized by D.Y.Patil Deemed to be University.
- *Dr. K Rangaswamy*, participated in National Level Faculty Development Program on **Deep Learning and Artificial Intelligence** organized by Andhra Pradesh State Skill Development Corporation (APSSDC) in Collaboration with ExcelR Edtech Pvt. Ltd., from 26th February to 1st March, 2024.
- *Dr. M. Jahir Pasha*, participated in Faculty Development Program on **Machine learning and Deep learning Algorithms and Applications** organized by NIT Warangal & IIITDM KURNOOL from 13th to 25th March, 2024.
- *Dr.M. Jahir Pasha*, participated in Five Day Faculty Development Program on **Unlocking Industry Insights in Data Science** organized by MITS, Madanapalle, from 12th to 16th, February, 2024.
- *A Annapurna*, participated in online Five Day FDP on **Data Visualization using Tableau**, organized by Department of Computer Science & Engineering, at Mohan Babu University, Tirupati, from 01st to 05th May, 2024.
- *Mr. S Khaleel* participated, in One Week FDP on Significance of **Artificial Intelligence and Augmented Reality in Various Application**, organized by DST-CURIE-AI Center, Sri Padmavathi Mahila Visvavidyalayam. from 26th Feb to 02nd March 2024.
- *Mr. S Khaleel*, participated in Five Day FDP on **Block chain Technology**, organized by EXCEL R, Online, from 08th to 12th January, 2024.
- *Mr. Y P Srinath Reddy*, participated in One Week FDP on **Cyber Security And Analysis**, organized by Global Institute of Technology , Jaipur, from 08th to 13th January, 2024.
- *Dr. M. Jahir Pasha*, participated in Five Day FDP on **Role of Big Data and Cloud in the Era of Transformation**, organized by Department of Computer Science & Engineering, GATES Institute of Technology, Autonomous, Gooty, ONLINE. From 2024-01-29 to 2024-02-03.

Certification Programs

- **Dr. K . Rangaswamy** received a certificate in **Java Programming: Basic Skills** a course of study offered by Codio, an online learning initiative of Codio.
- **Dr. K. Rangaswamy** received a certificate in **PY0101EN Python Basics** for Data Science a course of study offered by IBM, an online learning initiative of IBM.
- **Dr. M Jahir Pasha** received a certificate from **NPTEL-AICTE** program on Data science for Engineers Jan-March 2024.
- **G. Vikram Chandra** received a certificate in **Python Basics for Data Science** a course of study offered by IBM, an online learning initiative of IBM.
- **Dr. P.Penchala Prasad** received a certificate in **DL0120EN: Deep Learning with Tensor flow** a course of study offered by IBM, an online learning initiative of IBM.
- **Y.P. Srinath Reddy** received a certificate in **Python Basics for Data Science** course of study offered by IBM, an online learning initiative of IBM.
- **Y.P. Srinath Reddy** received a certificate from **NPTEL-AICTE** on Python program March 2024.
- **S. Khaleel, K. Rathi and A. Annapurna** received a certificate in **Python Basics for Data Science** a course of study offered by IBM, an online learning initiative of IBM.
- **K. Rathi and A. Annapurna** received a certificate in **Java Programming: Basic Skills** a course of study offered by Codio, an online learning initiative of Codio.
- **Dr. M.Suleman Basha** received a certificate in **Python Programming: Basic Skills** a course of study offered by Codio, an online learning initiative of Codio.

Student Clubs



The SHIELD Prep Club (Strategic Help and Intervention for Employment Leadership Development) was founded with a vision to equip students with the skills and knowledge necessary for success in the professional world. Our mission is to provide members with targeted training, mentorship, and networking opportunities to ensure they are well-prepared for the challenges of the job market.

Lançamento Launching the Clubs was held on 6th April, 2024 with a vision to equip students with skills. This Interview preparation club empowers students by providing a comprehensive program. It provides skill-building training sessions on communication and interview techniques, along with regular mock interview sessions for practical experience and feedback.



Hod, faculty members & students of CSE –DS launching the Shield Prep club

DEPARTMENT OF CSE - BS AND AI & ML

Faculty Research Publications in International Journals

G. Kishor Kumar, G. Chandana Swathi and A.P. Siva Kumar published an article on “**Ensemble classification to predict botnet and its impact on IoT networks**” in journal of Measurement: Sensors, Vol:33, Pp:101130, Mar, 2024. (SCI)

FDPs/ Seminars/ Workshops Organized



HoD AIML, Faculty and Students at the event

The Departments of CSE & BS and CSE (AI&ML) together organized an event titled as **AMOGHA-2K24** under the platform RIPPLE - 2K24 - A National Level Student Technical Symposium” from 26th to 27th March, 2024. Along with paper presentations various events such as technical, coding, business and non-technical also conducted. Mr. Naresh Billa, Senior Program Manager, DELL Technologies, Hyderabad, attended as a keynote speaker for this program.

- The Department of CSE & BS and CSE (AI&ML) conducted a Five Day Faculty Development Program on **Artificial Intelligence & Machine Learning** from 27th to 31st May, 2024 through virtual mode. Dr. Vipul Kumar Mishra, Associate Professor at Gati Shakti Viswavidyalaya, Vadodara, Gujarat was attended as Resource person for this FDP

- The Departments of CSE(BS) and CSE (AI&ML) conducted a **National Science Day** program in association with Institutions Innovation Council on 28th February, 2024 on occasion of Sir C.V. Raman’s Birth anniversary.



HoD Dr. Kishore along with participants at the workshop

The department organized a Project Development Using Github Repository hands-on session workshop for the students.

DEPARTMENT OF CSE - CYBER SECURITY

Faculty Research Publications in International Journals

- **R. Kaviarasan**, HoD, published an article titled **“Securing the Fog Computing Environment and Enhancing Resource Allocation”**, in journal called as Wireless Personal Communication, Vol:136, Pp:989–1016, 25th June, 2024. <https://doi.org/10.1007/s11277-024-11308-8>(SCI).

Book Chapters

- **R. Kaviarasan**, published a book chapter titled **Machine Learning-Based Intrusion Detection System with Tuned Spider Monkey Optimization for Wireless Sensor Networks** in the book Metaheuristics for Machine Learning: Algorithms and Applications, pp. 163-178, 2024 Scrivener Publishing LLC, Wiley, 2024.
- **R. Kaviarasan**, published a book chapter titled **IoT-Based Classification of COVID-19 Using Feature Extraction and Hybrid Architectures of Convolutional Neural Network (CNN)** in the book AI and IoT Technology and Applications for Smart Health Care Systems, ISBN: 9781032686745, Auerbach Publications, 2024.

“To stay ahead in innovation, look at horizontal industries and the ones leading your current industry, someone is always doing something new.” - Jeff Butler

DEPARTMENT OF MBA

Faculty Research Publications in International Journals

- **Dr. M. Sudheer Kumar and K. Rama Krishna** published the paper titled **“The impact of HR Analytics on Organizational culture and Employee Engagement”** in Journal of Advanced Zoology, Vol: 45 Issue: 6, Pp: 40-46. <https://doi.org/10.53555/jaz.v45i6.4851>
- **Mr.Y. Mallikarjuna Achari** published the paper titled **“A study on awareness of investment towards rayalaseema region of Andhra Pradesh”** in the Journal of Management (JOM) Vol: 11, Issue: 1, ISSN: 2347-3940, Pp: 55-60, April, 2024. https://iaeme.com/Home/article_id/JOM_11_01_005
- **Dr. Aliya Sultana**, published an article titled as **“Harmony in numbers: Unifying management and accounting for Financial Success”** in Environmental and Social Management Journal, E-ISSN: 1891-982X, Vol: 18, Issue: 9, 2024. Doi: <https://doi.org/10.24857/rgsa.v18n9-053>, 30.4.2024. (Scopus)

Book Publication

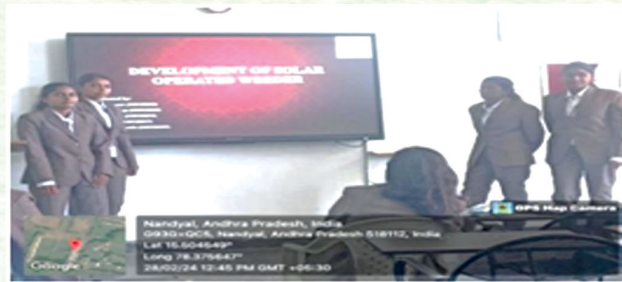
- **Dr. Aliya Sultana** published a book entitled **Corporate Social Responsibility** by Rest Publishers Ltd, India, ISBN: 978-81-971629-1-6, on Mar, 2024.

Conference Proceedings of the Faculty

- **Dr. S. Sowjanya** published the paper titled as **“Predictive Modeling of Solar Energy Production: A Comparative Analysis of Machine Learning and Time Series Approaches”** in proceedings of ICWITE 2024: IEEE International Conference for Women in Innovation, Technology and Entrepreneurship, Pp: 235–241,2024. <https://www.scopus.com/authid/detail.uri?authorId=59094328800>

FDPS/ Seminars/ Workshops Organized

The Department was organized a student based program titled as Notion Negotiation and Product Dazoroloon the occasion of National Science Day for II & IV Semester MBA students on 28th February, 2024.



HOD & FACULTY OF MBA AT NATIONAL SCIENCE DAY STUDENTS GIVING PRESENTATION

- The Department conducted an Online workshop entitled **Emerging reforms and Trends in BFSI Sector** on 12th Mar, 2024. Mrs. CH. Varalakshmi, Assistant Professor, from Andhra Loyola College, Vijayawada, attended as Resource Person for this program.
- The Department organized the National Level Manmeet program called **Kaizen2k24** on 18th April, 2024. Approximately Fifty Eight students from various colleges of Nandyal and Kurnool districts were participated in this meet.



*HoD, Faculty felicitating the Resource person
Dr.C.Gangadhar, SBI, Ananthapuramu*



Dr. Sowjanya, HoD lighting the lamp of Kaizen



A student giving the presentation at the kaizen-24 Students and Faculty members at kaizen - Manmeet



Workshops Attended

- **Dr. Aliya Sultana** participated in One Day workshop titled as **A systematic way of Project Writing jointly** organized by (Department of Commerce & IQAC) Kishore Bharti Bhagini Nivedita College(Co-Ed), West Bengal, Research Foundation of India & RFI-care on 27 April, 2024.

DEPARTMENT OF PHYSICS

Faculty Research Publications in International Journals

- **Dr. N. Ravi**, et.al., published a paper entitled **“High-Performance of The ZnO/NiO Nano composite electrode Materials for Supercapacitor”** in the journal **Colloids and Surfaces A: Physicochemical and Engineering Aspects**, Vol: 680 (20240 132749) 2024. (Web of Science)
- **Dr. N. Ravi**, et.al., published a paper entitled **“Highly Performing MSM Type Ag/N-Titanium Dioxide Nanotubes/P-Si Heterojunction Based Ultraviolet-A Photodetectors”** in the Journal of Silicon, Vol: 1-12, 2024. (Web of Science)
- **Mr. M Prasanth and Dr. N. Ravi**, et.al., published a paper entitled **“Erbium-Ion-Doped Bismuth Borate Glasses for High Optical Gain NIR Fiber Laser Applications”** in the Journal of Solid State Science and Technology Vol: 13 (2) 026004, (2024). (ECS)
- **Dr. B.C. Jamalaiah and Dr. Nayab Rasool Shaik**, et.al., published a paper entitled **“UV-Excited Gd³⁺-Doped Ba₂SiO₄ Red Phosphors for White Lighting Emission Diodes and Plant Growth Light-Emitting Diodes in the journal - Physica Status Solidi”**, Vol: (a) 221 (16) 2400092. 2024. (Web of Science)
- **Dr. B.C. Jamalaiah**, et.al., published a paper entitled **“Enhanced Red Luminescence From Gd³⁺-Doped Ba₂SiO₄: Pr³⁺ Phosphors Under NUV Excitation”** in journal - Luminescence, Vol: 39 (8) (2024) e4864.
- **Mamilla Rathaiah, Dr. Rallapalli Ravanamma and Dr. N. Ravi**, et.al., published a paper entitled **“Optical, Vibrational, and Photoluminescence Properties of Holmium-Doped Potassium Bismuth Germanate Glasses”** – Luminescence, Vol: 39 (7) (2024), e4822. (Web of Science)
- **Dr. R. Ravanamma and Dr. N. Ravi** et.al., published a paper entitled **“Visible And NIR Steady-State Luminescence Properties Of Dy³⁺ Ions-Doped Calcium Phosphate Glasses For Light-Emitting Diodes”**, in the journal of Materials Today, 2024. (Web of Science)

Thesis Submission

- **Mr. M. Prasanth, (15PH0705)** Research Scholar submitted his thesis to JNTUA- Anantapuramu. under the supervision of Dr. N. Ravi, on 30th June, 2024.

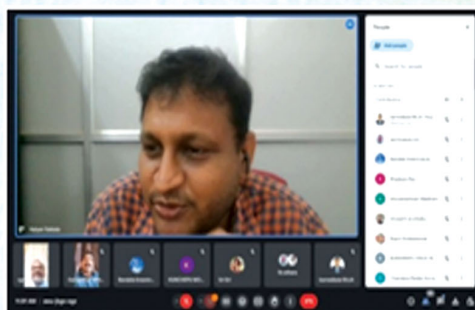


DEPARTMENT OF CHEMISTRY

Faculty Research Publications in International Journals

- **Sakthivel Kumaravel and Balakrishna Avula** et.al., published a paper titled as **“Materials Development of Bimetallic Ru/Ni/SBA-16 Catalysts For Catalytic Hydrogenation Of Bio-Based Furfural To 2-Methylfuran and Furfural Alcohol”** in the journal of Chemistry and Physics, Vol: 316, 129083, 2024. (Web of Science)
- **Balakrishna Avula** et.al., published a paper entitled **“Rational Construction Of MOF Derived A-Fe₂O₃/G-C₃N₄ Composite For Effective Photocatalytic Degradation Of Organic Pollutants And Electro Catalytic Oxygen Evolution Reaction”** Molecular and Biomolecular Spectroscopy with Part A 310, 123972, 2024 <https://doi.org/10.1016/j.saa.123972>. (Web of Science)
- **Bhaskara Rao, Gadiraju Venkata P.Sobhanachalam; Sani, Vijaya Dasaradha and Avula\ Balakrishna** et.al., published a paper on **“Comprehensive Structural Analysis Identifies The Relationships Between The Electrical Characteristics Of Environmentally Friendly Nbtmn-Bal-Nanb Ceramics”** in ECS Journal (Solid State Science and Technology) 13 013005, 2024.
- **Dr. B. Arun Babu and Mala Sreenivasulu**, were published a Paper on **“Structural, Optical, Dielectric And Ferroelectric Properties of Nano Crystalline Yb⁺³ Doped Ba₂NaNb₅O₁₅”** in Scopus Indexed Journal called as Strad Research, Vol: 11, Issue – 8, Pp 294-306, 2024.

Programs Organized



Department organized a Webinar on the occasion of 'The World Environment Day' on 05th June, 2024 on UNO Theme: **Land restoration, desertification and drought resilience under the slogan - OurlandOur future** Significance: **Our Environment - Our Responsibility**. **Dr.Kalyanyakkala,.and Dr. Gangadhar battala** have attended as resource persons from University of Delhi for this webinar.

DEPARTMENT OF MATHEMATICS

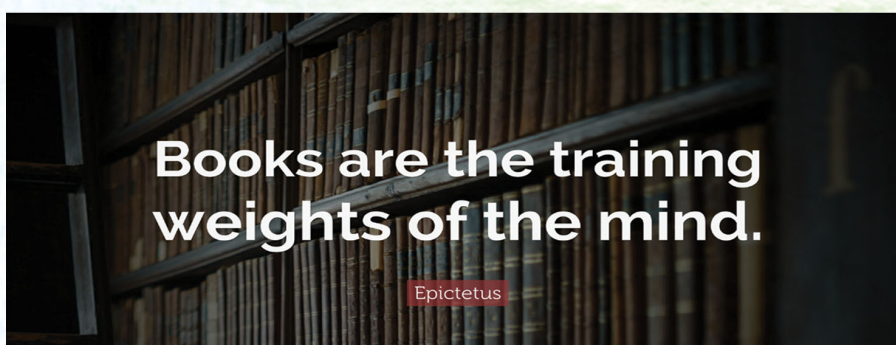
Faculty Research Publications in International Journals

- **Dr. K.V. Suryanarayana Rao**, et.al., published a paper on **“Impact of Deborah number on heat and mass transfer analysis over a stretching sheet”** in the Journal of Strad Research , Vol: 11, Issue: 6, Pp. 195-295, June, 2024. (Scopus)
- **Dr. K.V. Suryanarayana Rao**, et.al., published a paper on **“Impact of double stratification on heat and mass transfer analysis of magnetic nano fluid flow over a stretching sheet”** in the Journal of Xidian University) ,Vol:18, Issue: 6, pp. ISSN:1032-1051, June, 2024(Scopus)
- **Dr. K.V. Suryanarayana Rao**, et.al., published a paper on **“Heat and mass transfer characteristics of radiative hybrid nano fluid flow over a stretching sheet with chemical reaction”** in the Web of science of Journal, Vol:18, Issue: 6, Pp. ISSN:1310-1331, June, 2024. (WOS)
- **Dr. P. Sudarshana Reddy and Dr. P. Sreedevi Published** a paper entitled **“Unsteady gyrotactic microorganisms and magnetic nano fluid heat and mass transfer analysis inside a chamber with thermal radiation”** in ESCI Journal (Taylor & Francis), Vol: 45 (1), Pp.227-7301, ISSN: 0143-0750. 2024. <https://doi.org/10.1080/01430750.2023.2277301>.
- **Dr. P. Sudarshana Reddy and Dr. P. Sreedevi** published a paper on **“Heat transfer investigation of nano – Encapsulated phase change materials (NEPCMs) in a thermal energy storage device”** Journal Applied Thermal Engineering, Vol: 250 ISSN: 1359-4311, 2024. <https://doi.org/10.1016/j.applthermaleng.2024.123495>.
- **Dr. P. Sudarsana Reddy and Dr. P. Sreedevi** published a paper on **“Enhanced entropy generation and heat transfer characteristics of magnetic nano-encapsulated phase change materials in latent heat thermal energy storage systems”** in Springer, SCIE Journal Applied Mathematics And Mechanics English Edition, Vol: 45 (6), ISSN: 0253-4827, Pp. 1051-1070.. 2024. <https://doi.org/10.1007/s10483-024-3126-9>.
- **Dr. P. Sreedevi and Dr. P. Sudarshan Reddy** published a paper entitled **“Comparative study of Convective Oldroyd – B nanofluid and hybrid nano fluid flow, heat and mass transfer analysis over Stretching sheet with Cattaneo - Christov heat flux model”** Journal of Nanofluids,(ESCI journal) ISSN: 2169-432X, 2024.
- **Dr. P. Sudarsana Reddy and P. Sreedevi** published a paper entitled **“Heat and mass transfer features of Oldroyd – B nanofluid/hybrid nanofluid under the influence of improved Fourier’s heat flux”** Journal of Nano fluids (A S Publishers) with ISSN: 2169-432X, 2024.

- **Dr. P. Sreedevi and Dr. P. Sudarsana Reddy** Reddy et.al, published a paper “**Entropy and heat Transfer analysis of magnetic hybrid Nano fluid inside a porous square cavity with thermal radiation Special Topics and Reviews in Porous Media**” ESCI Journal, Begell House Publishers, ISSN: 2151-4798, 2024.
- **Dr. P. Sudarsana Reddy and Dr. P. Sreedevi**, published a paper on “**Enhanced entropy generation and heat transfer characteristics of magnetic nano-encapsulated phase change materials in latent heat thermal energy storage systems**” in Springer, SCIE Journal, Applied Mathematics And Mechanics English Edition, Vol: 45 (6), Pp. 1051-1070, ISSN: 0253-4827, 2024. <https://doi.org/10.1007/s10483-024-3126-9>.
- **Dr. P. Sreedevi and Dr. P. Sudarsana Reddy**, published a paper on “**Comparative study of Convective Oldroyd – B nanofluid and hybrid nano fluid flow, heat and mass transfer analysis over Stretching sheet with Cattaneo - Christov heat flux model**” in the E-Journal of Nano fluids A S Publishers , ISSN: 2169-432X. 2024. (ESCI)
- **Dr. Gunisetty Rama Sekhar**, et.al., published a paper entitled “**Scrutinization of BVP Midrich method for heat transfer analysis on various geometries in the presence of porous medium and thermal radiation**” in the Journal of Nano fluids (Q3) , Vol:13, Issue:1, Pp. 100-107. 2024. (<https://doi.org/10.1166/jon.2024.2130>). (ESCI) in Web of Science=ESCI – I.F. = 2.7
- **Dr. Gunisetty Ramasekhar**, et.al., published a paper on “**Machine learning approach of Casson hybrid nanofluid flow over a heated stretching surface**” in the Journal of Web of Science, Q1, I.F. = 2.2 AIMS Mathematics, Vol: 9, Issue:7, Pp. 18746-18762, 2024.

Ph.D Awarded

- **P. Aparna received** Doctorate Degree from JNTUA, Anantapuram in March 2024. She carried out her research on A study on Split and Annihilator Domination in Arithmetic Graphs, Strong Product Graphs and Fuzzy Graph Products under the supervision of Prof. K.V. Suryanaraya Rao, Department of Mathematics, RGM CET, Nandyal,



DEPARTMENT OF ENGLISH

Faculty Research Publications in International Journals

- **Dr. G.Kiran Kumar Reddy** published a paper entitled **“Re-Reading of Aphra Ben’s Orunoko”** in an International Journal of Galaxy: International Multidisciplinary Research Journal, ISSN: 2278-9529, Vol: 13, Issue:1, Jan, 2024.
- **Dr. A.K .Gopi Krishna, Dr. P. Kousar Basha, Dr.Y. Suneetha and Dr.G.Kiran Kumar Reddy** published a paper entitled **“Assessment on recruiters’ judgments in the resumes of engineering students in campus recruitment”** in the journal of Management Research and Analysis 2024; Vol: 11, Issue:2, ISSN : 2394-2762, Pp:99-108, DOI: <http://doi.org/10.18231/jmra.2024.018>
- **Mr.C.Sankar Goud and Mr. M.Venkateswara Reddy** Published a paper entitled **“Adapting Revelation Good Omens as Humorous Corrective by Gaiman and Terry Prathett’s”** in an International Journal of Stard Research, ISSN: 0039-2049, Vol: 11, Issue: 2, 2024.
- **Dr.G.Kiran Kumar Reddy, M.Venkateswara Reddy and C.Sankar Goud** Published a Paper entitled **“An overview on Joan’s Mindset in Bernard Shaw’s St. Joan” in Daath Voyage: An International Journal of Interdisciplinary Studies in English** Vol:8, Issue: 4, ISSN: 2455-7544, March, 2024.https://www.daathvoyagejournal.com/book/issue_4_c51ce410c124a10e0db5e4b97fc2af39_13.
- **Dr.A.K. Gopi Krishna, M.Aparna Dr. P.Kousar Basha and Dr. G. Kiran Kumar Reddy** published a paper entitled **“Role of Soft Skills in Engineering Education for Employability: An Overview”** in The IUP Journal of SOFT SKILLS, Vol:18 Issue:1 ISSN:0973-8479, March, 2024. https://openurl.ebsco.com/EPDB%3Agcd%3A2%3A29273714/detailv2?sid=ebsco%3Aocu%3Arecord&id=ebsco%3Agcd%3A177127605&bquery=AU%20Reddy%2C%20K.%20Kiran%20Kumar&page=1&link_origin=www.google.com

Papers Presented in the National Conference – WPD –‘24

- **Dr.Y.Suneetha and Dr.Naga Lakshmi** published a paper on **“Glimpses of Mysticism, Magical Realism and Romanticism in the Poetry of R. B.Tagore, Vinod Shukla & Devulapalli Krishna Shastri –A Study”** in a National Level Conference,titled asWorld Poetry Day Musings of Great Poetsorganized by Dept. of English, on 21st Mar, 2024. ISBN: 978-93-340-2790-7, Pp: 27 to 32.
- **Dr. A.K.Gopi Krishna** Published a Paper on **“Significance of Poetry in English Language Learning: A Close Study”** Pp: 242 to 245, Pp: 101 to 107.
- **Dr.G. Kiran Kumar Reddy and Dr. Ballarapu Sreekanth Reddy** Published a Paper on **“Classical Poetry of Uzbekistan –Challenges in translation of Uzbek poems into English”** Pp: 242 to 245, Pp: 41 to 46.

- **Dr.C.Sankar Goud and Mr. M.Venkateswara Reddy** published a paper on “Shelley’s Insights Pp: 176 to 179.
- **Mrs. M. Aparna** published a paper on “**Enhancement of Communication Skills through Poetry –An Analysis on Selected Poems**” Pp: 225 to 229.
- **Mr.M.Venkateswara Reddy and Mr.C.Sankar Goud** Published a Paper on “**Tagore’s Vision on Where the Mind is Without Fear: A Study**” Pp: 179 to 181.
- **Dr.P.Kousar Basha** published a paper on “**Developing Communication Skills among Students through Selected Poems** -A Study Pp: 192 to 199.
- **Mr.C.Parameswara Reddy** published a paper on “**Shakespeare’s Sonnets –A Study**” Pp: 238 to 241. 242 to 245, Pp: 41 to 46.

Book Chapters

- **Dr. A.K. Gopi Krishna and Dr. P. Kousar Basha** published a book chapter titled as **Development of Vocabulary Gaining Among ESL Higher Educational Students Through Reading Practices** – A Review of Literature Study in Research Trends in Language & Linguistics journal e-ISBN: 978-93-6252-267-2 IIP Series, Vol:3, Book- 3, Part - 6, Chapter – 7, Pp No: 141 -147, April, 2024.
- **Dr.G.Kiran Kumar Reddy** published a book chapter titled as An **origin of English Language Development and Its Influences: An outlookin Futuristic Trends in Language, Literature & Linguistics** e-ISBN: 978-93-6252-267-2, IIP series, Vol:3, Book-3, Part - 5, Chapter – 1, Pp: 63 – 70, April, 2024

Faculty Achievements

- **Dr.G.Kiran Kumar Reddy** Reddy received Reviewer Certification from International Neuropsychiatric Disease Journal India for his Excellence in Reviewing in recognition of an outstanding contribution to the quality of the journal. Validation Link: <https://dashboard.peerreviewcentral.com>
- **Dr. A.K. Gopi Krishna**, Asst. Professor, received a Peer-reviewed certificate for the contribution of quality of book from B P International, Certificate No: BPI/PR/Cert/_ 8237E/DRA, on 05th March. 2024.
- **Dr. G.Kiran Kumar Reddy**, Asst. Professor, received a Reviewer Certificatefrom South Asian Journal of Social Studies and Economics, London.
- **Dr.G.Kiran Kumar Reddy**, Asst. Professor, received a reviewer certificate from International Journal of Language and Literary Studies, Italy.

FDPs/ Seminars/ Workshops Attended

- **Dr.Y. Suneetha and Dr.C. Sankar Goud** participated in a virtual Faculty Development Program on **Innovative Teaching and Learning Pedagogy** during 9th-14th February, 2024 jointly organized by Research Foundation of India and World Innovators University.
- **Dr. A.K.Gopi Krishna** participated in Seminar a Two Day National Level Virtual Seminar on **Academic Writing and Strategic Publishing for Research** on 15th and 16th February, 2024 organized by School of Social Sciences and Languages, Vellore Institute of Technology, Chennai, India.

National Conference(WPD- '24)



Chief Guest Sri Goreti Venkanna Garu along with Chairman Dr.M.Santhramudu garumaking Jyothi Prajwalanaat WPD'24

The Department organized a National Level Conference on **World Poetry Day – Musings of Great Poets (WPD'24)** on 21st March, 2024. **Sri Goreti Venkanna Garu**, MLC, Poet, singer and lyricist was attended chief guest. **Dr. Pratima Roy**, Department of English, St. Joseph Degree College, Kurnool, has attended as the Resource person for the conference. Honorable Chairman **Dr. M Santhiramudu** unveiled the Conference proceedings at the conference. Fifty seven papers across India have been presented at the conference.



Faculty Participants at the WPD'24

The Department also conducted Literary activities for students to mark the World Poetry day. Students have participated in Pen-it - Essay writing competition, Speak-up competition and Poem Oration to mark the World Poetry Day. Dr. Y. Suneetha was the Convener of the Programme and Mrs. M.Aparna acted as Coordinator for these activities. M.Asha Reddy and III CSE, S.Shahid Afridi II CSE –DS won I & II Prizes in Speak-up competition. J.Rakshitha, III CSE and Ayesha Tabasum III CSE won I & II Prizes in Poem Oration. CH.Swathi, II CSE –BS and Sudha Aruna.P won I & II Prizes in Pen-it Event.



Faculty members conducting the competitions of WPD'24



Dr. Pratima Roy, Resource person giving away the Certificates to student winners at WPD'24

Certifications

- **Mrs. M. Aparna** completed EdX course entitled **"Conversational English Skills"** offered by Tsinghua University Certificate ID: 366eaa23d4cc4e20b88ea32aafc1fcae
- **Mr.C.Sankar Goud** completed EdX professional education certificate course in **HENGLISH 201. 4x: Upper-Intermediate English: Business and Technology** offered by UPValenicaX University through online. Certificate ID: 64eb4cabfdc742a99cc5cd754dd20 .
- **Dr. P. Kousar Basha** completed EdX Certificate entitled **Risk Management Tools and Practices** offered by New York Institute of Finance through online. Certificate ID: ca4e225a318d4c4d8f88e3c2baca5419 .
- **Dr. A.K. Gopi Krishna** completed EdX Course entitled **Machine Learning with Python: A Practical Introduction** offered by IBM Certificate ID: 313e799262954683ad63e62d7cef0e86.
- **Mr. M. Venkateswara Reddy** completed **EdX course entitled BUSM-E103: Developing Your Personal Leadership Style** offered by Indiana University Certificate No: cba4de655d2840ba0e1b6051034f2b .

NSS Activities



Awareness Programme on Voter Registration: The NSS Unit-1 and Unit-2 of RGM CET jointly organized a program on **"Awareness Programme on Voter Registration"** on 10th January, 2024 in association with EENADU and ETV to motivate the students to enroll in Voters Registration Process to vote in upcoming General Election of 2024. Around 115 students have taken part in this awareness program.

Sri. Maheswara Reddy, resurvey sub Tahsildar, Panyam speaking on the occasion

The NSS UNITS organized a program on **Cleanliness and Plastic Free** at Ahobilam, village, Nandyal (Dist) on 11th Feb, 2024. Nearly 110 volunteers participated in this event. This program associated with INTACH, Nandyal chapter, Mana Ooru Mana Gudi Mana Badhyatha, Nandyal.



*Volunteers
of
the NSS Units
were at work
in Ahobilam*



NSS Unit-1 and Unit-2 conducted a **Blood Donation Camp** in college campus in association with Blood Bank, Santhiram Medical College, Nandyal on 15th March, 2024. Around 60 NSS volunteers have participated in the camp to donate the blood and 50 units of blood was collected. The program was conducted under the supervision NSS Co-coordinator Dr. V.N.V. Satya Prakash and Dr. A. Suresh Kumar.



Students donating the blood in NSS - Blood Donation Camp

NSS UNIT-I and UNIT-II celebrated “**International Day of Yoga**” on 21st Jun, 2024 in the campus. The yoga instructor **Mr. M. Nageswara Rao**, Yoga Teacher, Nandyal demonstrated the different Asanas of Yoga and explained health benefits. Around 40 students participated in this program. The program was conducted under the supervision of NSS Unit II Co-coordinator **Dr. Dr. V.N.V. Satya Prakash** and Physical Education Director **Mr. Venkatesh**.



Students performing Asanas on YOGA DAY

NSS UNIT-I and UNIT-II organized an **Anti- Drug Awareness Campaign** on 26th June, 2024, on the occasion of International Day against Drug Abuse and Illicit Trafficking in association with “Special Enforcement Bureau” Nandyal. Sri. Rama Mohan Reddy, Superintendent of Police and Viswanatha Reddy, Circle Inspector of Police, Nandyal, delivered speeches against the Drug addiction.

Sports and Games

RGM CET conducted the **RPL-2K24** from 30th March to 1st April, 2024. The Department of Physical Education conducted 10 different Games and Sports competitions. Approximately 875 students participated in this event from all branches and years. The Winners and Runners received Trophies and Certificates.



DV. Ashok Kumar, Director, Dr. Sathyanarayana, Controller of Examinations, Dr. Venkateshwarulu Professor in Maths, Dr. Sudheer Kumar, Placement Officer and Venkateshwarulu, Physical Director are at the RPL-2K24 inaugural event. c

Department wise Winners and Runners List –RPL ‘24

WOMEN WINNERS & RUNNERS LIST

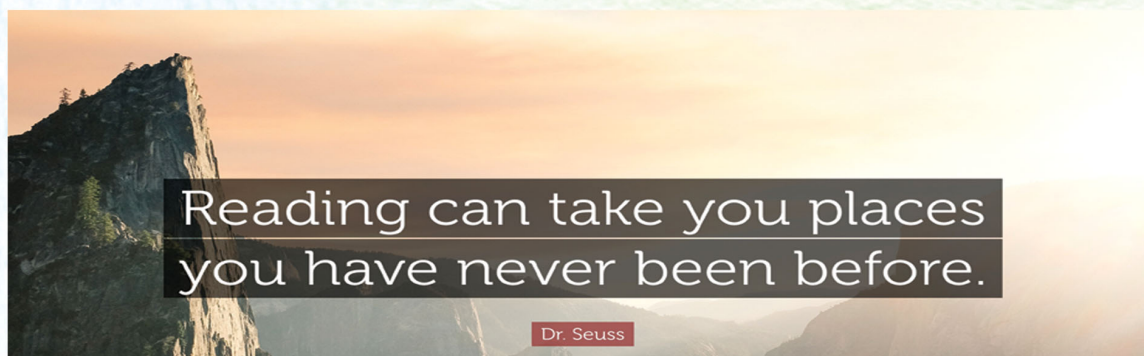
S.NO	NAME OF THE GAME	WINNERS	RUNNERS
1	THROWBALL	CSE	CSE-DS
2.	6A SIDE CRICKET	CSE	ECE
3.	BASKETBALL	CSE	ECE
4.	TENNICOIT	CSE-DS	ECE

MEN WINNERS & RUNNERS LIST

S.NO	NAME STUDENT OF THE GAME	WINNERS	RUNNERS
1.	CRICKET	ECE	CSE
2.	7 A SIDE FOOT BALL	ECE	CSE
3.	HAND BALL	ECE	CIVIL
4.	KABADDI	ECE	CSE-CS
5.	VOLLEY BALL	CSE	EEE
6.	BASKET BALL	EEE	CSE



Gimpes of RPL-2K24



Training & Placement Cell

List of Selected Students from 01-01-2024 to 30-6-2024

S.N O	Name of the Company	CIV	EEE	ME	ECE	CSE	CSE DS	CSE BS	MBA	MCA	Total	Salary Package in LPA	Date of drive
1	Teach Nook, Bengaluru	19	40	21	68	69	18	21	16		272	4.00 LPA	02.01.2024
2	Shakti Auto, Coimbatore			52							52	2.80 LPA	11.01.2024
3	Wilson Agri, Hyderabad								2		2	2.40 LPA	18.01.2024
4	Raster Technologies, Hyderabad	7									7	2.40 LPA	19.01.2024
5	SLOT IN, Hyderabad										0	3.00 LPA	24.01.2024
6	Interns Veda, Hyderabad				1			1			2	6.00 LPA	27.01.2024
7	Anagha Space, Hyderabad	4		2							6	3.60 LPA	30.01.2024
8	Grow Control, Hyderabad		5								5	2.75 LPA	29.01.2024
9	Numetry , Hyderabad				2	8	2				12	3.50 LPA	31.01.2024
10	Quality Kiosk, Mumbai					15	4				19	3.81 LPA	01.02.2024
11	Clyptus Software Solutions, Hyderabad								4		4	3.12 LPA	03.02.2024
12	Unistring, Hyderabad				4						4	4.00 LPA	05.02.2024
13	ZAZZ IT, Hyderabad					1					1	5.00 LPA	07.02.2024
14	E-Construct Build & Design, Bengaluru								3		3	3.50 LPA	07.02.2024
15	Steel Cube, Hyderabad	6		4							10	3.00 LPA	08.02.2024
16	Tech-Mahindra, Hyderabad				4	12	3	1			20	3.00 LPA	16.02.2024
17	Tech-Mahindra, Hyderabad(5.50 LPA)					1					1	5.50 LPA	16.02.2024
18	Nellys, Bangaluru										0	3.00 LPA	17.02.2024
19	Hyundai, Chennai										0	4.00 LPA	17.02.2024
20	Regami Solutions, Chennai				1						1	4.00 LPA	20.02.2024
21	Movate, Hyderabad										0	3.00 LPA	26.02.2024
22	Fashnear Technologies(Meesho), Hyderabad					1					1	15.00 LPA	29.02.2024
23	Hexaware, Chennai		2		2	7	2	1			14	4.00 LPA	05.03.2024
24	Hexaware, Chennai				1	1	1				3	6.00 LPA	05.03.2024
25	Quality Kiosk, Mumbai(3.00 LPA)									5	5	3.00 LPA	11.03.2024
26	Hanya Tech, Hyderabad					4	1				5	3.00 LPA	12.03.2024
27	Aptroid, Hyderabad										0	4.50 LPA	17.03.2024
28	Mitsogo, Chennai					1					1	4.00 LPA	18.03.2024
29	Surya Tech, Hyderabad		12		9						21	3.00 LPA	04.04.2024
30	Delphi TVS, Chennai		20	16	56						92	2.16 LPA	15.04.2024
31	Reshapp Software, Hyderabad			1							1	3.00 LPA	15.05.2024
32	Vaco Binary, Bengaluru	2	2	1		2	1				8	3.00 LPA	31.05.2024
33	Aparna Constructions, Hyderabad								5		5	3.50 LPA	01.06.2024
34	Capital Via, Hyderabad								3		3	3.50 LPA	03.06.2024
35	Furein Consructions, Hyderabad	1									1	3.00 LPA	14.06.2024

36	Soft Suave, Bengaluru				1	7	3				11	4.00 LPA	16.06.2024
37	Delloitte, Hyderabad				1						1	4.50 LPA	18.06.2024
38	Capgemini, Hyderabad(7.50 LPA)				1						1	7.50 LPA	22.06.2024
39	Capgemini, Hyderabad	1	3		14	9	7	1		1	36	4.25 LPA	22.06.2024
40	Divis Labs, Hyderabad			13							13	3.00 LPA	25.06.2024
	TOTAL	40	84	110	165	138	42	25	33	6	643		



RGM RAYS EDITORIAL TEAM

Dr.Suneetha Yadav Chief Editor

Dr.P.Kousar Basha, HOD English

Dr. A.K.Gopikrishna Associate Editor

Dr. Kiran Kumar Reddy, Associate Editor

Dr.Shankar Goud, Assistant Editor

Ms. M.Aparna, Assistant Editor

Mr.M.V.Reddy, Assistant Editor

Mr.C.Parameswar Reddy, Assistant Editor

