TVISHI

(TKREC'S Ray Of Vision & Brilliance)

NEWSLETTER

ISSUE | 01

JAN-JUNE | 2023

TEEGALA KRISHNA REDDY ENGINEERING COLLEGE

(UGC-AUTONOMOUS)

(Approved by AICTE, NBA & NAAC- 'A' Grade. Affiliated to JNTUH)



Vision of the Institute

Imparting Knowledge and instilling skills to the aspiring students in the field of engineering, Technology, Science andManagement to face the emerging challenges of the society.

Mission of the Institute

- **Encouraging scholarly activities that transfer knowledge in the areas of Engineering, Technology , Science and Management.**
- **Ensuring Students of all levels well trained to meet the needs of education and their future endeavors.**
- **Inculcating human values and ethics into the education system for the all-round development of the students.**

Courses Offered

UG Courses in CE, EEE, ECE, CSE, CSG, AIML & IT & PG Courses in M.Tech & MBA.

Diploma Courses in CE, EEE, ECE & CSE.

Institute Quality Policy

Teegala Krishna Reddy Engineering College is committed to provide quality Technical education to the students through dedicated and talented faculty, good infrastructure,

Teegala Krishna Reddy Engineering College (TKREC) was established in the year 2005 with a vision of imparting technical education and meeting the growing demands of trained engineers for various industrial and developmental projects. It is an Autonomous college accredited by NBA, NAAC-A, affiliated to JNTUH and approved by AICTE.

Editorial Board

Chief Editor:
Dr.K.Venkata Murali Mohan (Principal)

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Mr.R.Nagaraju (H&S)
Mrs.M.Annapurna (MBA)



Under the guidance of our charismatic Chairman Sri Teegala Krishna Reddy, the erstwhile Mayor of Hyderabad, Ex-Chairman of HUDA and Ex-MLA of Maheshwaram, the TKR Educational Society has grown into an embodiment of academic and moral values.

The Chairman, with a commendable reputation of disseminating education to innumerable youth of our country always vouches the fact that education is not just technical excellence, but an overall development of personality that envisages social and ethical values

Sri Teegala Krishna Reddy
(Chairman)

" The newsletter which is being rolled out today marks the launch of an effervescent activity that would enable the management to bring out to the eyes of the competitive world, the academic achievements of our prestigious institution."

Dr T.Harinath Reddy is a medical professional, who strongly believes that creativity, innovativeness and the urge to think differently alone can help students to become masters in any field of study.



" The essence of Engineering and Management education which has spread in India is a very positive sign not only to cater domestic needs but provide manpower to the entire world and become biggest technically trained community. Teegala Krishna Reddy Educational Society is a venture contributing to this Endeavour. We have started with full force to play a leading role in providing quality education and careers.

Dr. T. Harinath Reddy
(*Secretary*)

We have identified the needs of modern engineering, technology and management education for modern age students, with a vision and mission accompanying transparency, accountability and accessibility which keeps us.



Mr. T. Amarnath Reddy , an MBA graduate with his management skills has taken the responsibility of making the educational society reach the highest peaks of development.

" The motive of TKRES is to develop a global perspective to cope -up with the fast changing technology scenario. In addition to this, values with discipline are the hallmark of our college, besides, ensuring quality of the students; here the emphasis is not only on academic excellence but the development of the overall total personality of a student. To achieve this goal, add on courses, training in personality development, and other soft skills are also provided in our college.

Sri. T. Amaranath Reddy
(Treasurer)

We take special care to ensure that new ideas are not merely discussed here but executed. Execution of new ideas helps the faculty and students to tread the path of 'Innovation' which is the slogan of our Institution. As excellence is the only criterion for selection of students, we are confident that in due course, promises will become 'Achievements' in their respective fields."

Dr.K Venkata Murali Mohan, an accomplished Electronics & Telecommunications Engineer from Nagpur University, Nagpur has completed his M.Tech from JNTU, Kakinada, Ph.D from Acharya Nagarjuna University in Computer Science Engineering(2016) and Ph.D form Rayalaseema University, Kurnool in Electronics and Communications Engineering(2019). He nurtures an intense sense of social and environmental responsibility through academic and co-curricular activities.



He continues to strive towards the attainment of his organizational goals in the interest of the TKRES.

Dr. K.Venkata Murali Mohan
(Principal)



Dr. K.M.V Madan Kumar Vice Principal & Dean Academics, did his BE from Gulbarga University, M.Tech from JNTUH and Ph.D (CSE) from Acharya Nagarjuna University. He has 17 years of experience in Industry and Academics.

His area of interest is Data mining and has published 22 research papers in reputed International Journals. He also presented 10 papers in international and national conferences.He is the reviewer of many International Journals.

Dr. K.M.V. Madan Kumar
(Vice-Principal & Controller of Examination)

Editorial

Integrity means following at all times one's highest sense of what is right,whatever the consequences may be, however solitary your path, andhowever loud the taunts and the mockeries of the crowd and the Pharisees. Following your integrity means "speaking truth to power," as the Quaker wisdom goes, even when silence would better serve your interests. It means hanging on to truth when all those surrounding accept compromises or pretend that it's not really important. It means being unflinching and firm when others disappear in the underground shelters of their fears and timidity.

Integrity means refusing to dilute one's inner sense of truthfulness, be it to satisfy, appease, or gain the approval of one's beloved.

Above all, integrity means refusing to cheat yourself, lie to yourself, or abide in the shade of half truths. You can lie to others—even deceive them—and be forgiven. But when you lie to yourself, who is there to forgive you? After a defeat of this sort, who will help you get up again? Even if you are sufficiently ignorant to let yourself indulge in the supreme absurdity of deceiving yourself, will not your inner strength abandon the ship of he who voluntarily scuttles it in that manner? In such moments, grace alone can save you.

To deceive oneself kills the discernment that is the basis of honest judgments and meaningful choices. To consciously avoid what one knows to be true or to lie to oneself is the sin against the spirit, which resides deep down in each one of us.

Integrity, as the most intimate substance of our being, constitutes the marrow of our identity and the foundation of all our qualities, starting with love. It is the woof on which we weave the exquisite textures of our existence, creating a tapestry. No woof, no tapestry. When integrity is married to love in a joyful dance, it forms the perfect couple, and our existence becomes a celebration of life.

So, when winds and tempests howl or when a tempter whispers that "a compromise is absolutely essential" and attempts to make us avoid the challenges we need to grow and stay awake, let us at all costs hold on firmly to that inner foundation, our integrity—for in it resides true life.

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

The Department of Computer Science and Engineering is headed by Dr.Ch.V.PHANI KRISHNA who has 14 Years of experience. The aim of the department is to provide high quality education along with training the students with all the new advancements in the computers field.

The department is keen in academic exposure of the students to the latest domain trends which conducs a series of seminars and workshops regularly to help the faculty and students in updating their knowledge about the latest tools and technologies.



Dr.Ch.V.Phani Krishna
(HOD)

Vision

Enhance learning that promotes techno graduates aiming employability and entrepreneurship with human values to face the challenges in the global technological society

Mission

 # Empowering students for professional career and higher studies by providing hands on experience and value education to become successful technocrats in the society.
 # Nurturing students with interpersonal and entrepreneurial skills, so that they gain ability to work as a team.
 # Imparting quality education, employability skills and techno ethical values among the students for the benefit of the society.

FACULTY ACHIEVEMENTS

Dr. Ch. V. Phani Krishna published a paper on " Deep Learning Neural Networks for Object Recognition and Contour Tracking-Bases Knowledge Extraction" (ISSN 2063-5346).
Dr.K. Bhargavi published a paper on "Design and Metaphor Evaluation for Extreme Software Development" (ISSN 2063-5346).
Dr. M. Suresh Babu published a conference paper on "Enabling Change with Artificial Intelligence and Machine Learning" (ISO 9001-2015).
Mr. P V Rama Gopala Rao published papers on "Mpox Detection Using Modified Vgg16 & Custom CNN Model" ISSN NO : 2347-3150, "A Bi-Objective Hyper-Heruristic Support vector machine (SVM) For Big Data Cyber Security" ISSN: 2366-1313 & "Vehicle Detection And Counting System" ISSN: 2366-1313.
B. Narsingam published papers on "AI Based Personality Assistant System" ISSN: 2366-1313 & "TKR Community" ISSN: 2366-1313
Mr. P V Rama Gopala Rao participated in 5 Days Online International FDP on AWS (Amazon Web Services) organized by AVS Engineering College in Collaboration with ExcelR & in 5 Days Online International FDP on Data Analytics using Power BI organized by the G Narayanamma Institute of Technology and Science (for women) in Collaboration with ExcelR.
Mrs. K. Srilatha participated in 5 Days Online FDP on Data Science with Python organized by Sridevi Institute of Engineering and Technology in Collaboration with ExcelR & on "Webinar and Entrepreneurship and IPR patents" organized by Chaitanya Deemed to be University Warangal
Mrs B. Vijitha attended FDP on "Cyber Security & Cryptography" conducted by the Dept. of CSE, NIT Warangal.
Mrs. NVN. Sowjanya cleared NPTEL course in Machine Learning
Mrs. NVN. Sowjanya attended FDP on Block Chain Technology which is conducted by Anurag University & participated in 5 Days Online International FDP on Data Science and Chat GPT organized by K L Deemed to be University in collaboration with ExcelR.
Mrs. Perumandla Srilaxmi participated in 30 hours live training program on Fundamentals of Full Stack Development, organiged by ExcelR solutions & in 5 Days Online International FDP on Data Analytics using Power BI organized by the G Narayanamma Institute of Technology and Science (for women) in Collaboration with ExcelR.

STUDENT'S ACHIEVEMENTS

 # 19R91A05H4 - Nimish Padal, 19R91A05C9 - Andoju Adarsh, 19R91A05E3 - Gigula Varsha, 19R91A05H0 - Satwik Reddy Mokila participated in a state level hackathon conducted by JNTUH and short listed under Top-10 for Frontiers of Knowledge(Black Bugs)



 # 10 teams (each team of 6 members)registered for Kavach –all India hackathon by AICTE.
S.Shivateja participated in skill training on Full Stack Developer which is organized by AVODHA EDUTECH private limited.
 # 20 students participated in 20 hours live training program Cloud Fundamentals which is organiged by ExcelR solutions.
 # Students of 19R9- batch published more than 100+ Articles in UGC journals.
 # K. Vimal Kumar, M. Sai Shreya, K. Poojith Goud, K.Prabath Raj of 3rd Year, were awarded as first prize winners for Internal Hackathon - CODEZINE conducted by the department.





DEPARTMENT EVENTS

Internal Hackathon- CODEZINE was conducted for students on 17th and 18th March 2023.
Students visited Industries - T-HUB and NRSC(National remote sensing center) on 23rd and 24th March 2023.





A 3-DAY Practical workshop on ARDUINO was conducted for students from 3rd to 5th May 2023.





A one week workshop on PYTHON PROGRAM was conducted for students from 17thto 24th April 2023.





A 3-DAY Practical workshop on EFFECTIVE COMMUNICATION SKILLS & ENTHUSIASM- "A SUPER POWER TO SUCCESS" was conducted for students from 19th to 21st June 2023





STUDENT'S ARTICLE

The King's Painting

There was a king with only one leg and one eye but was generous and competent as a ruler. One day while walking in his palace, the king noticed the portraits of his ancestors along the hallway. He also wanted his portrait painted by an artist but was unsure how it would turn out due to his physical abnormalities. The King invited all the painters across the kingdoms and asked who could paint a beautiful picture of him. The painters were confused about how to make a beautiful picture of the King with only one leg and one eye.

All the painters politely refused to make a painting of the King. Then one young painter came forward and ensured to make a beautiful portrait of the King. After a few days, the young painter unveiled the portrait in the court in which the King was seen sitting on the horse with one leg visible, holding his bow and aiming the arrow with one eye closed. There was no sign of physical deficiencies in the king in the painting. The King was pleased to see that the painter had creatively presented the King's positive characteristics but not highlighted the abnormalities.

Moral: *Look at the positive aspects of someone without emphasizing the limitations.*

– M. Sai Shreya.
(20R91A0594)

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

Artificial Intelligent & Machine Learning is the key enabler for disruptive innovations of this century and the emerging technological revolutions have reshaped the work culture and life style. The dept is established in the year 2021, headed by Dr. Vadivelan Natarajan who has 12 years of teaching experience and 5 years of Industrial experience.

The department aims to develop skilled and socially responsible engineers in the field of artificial intelligence and machine learning for notable contributions to society.

This program is designed to empower students to build intelligent machines, software or applications with cutting-edge combinations of machine learning.



Dr. Vadivelan Natarajan
(HOD)

Vision

Encourage young minds to lead through experiential learning, develop collaborative solutions and contribute to social responsibility.

Mission

- To instill in students a taste for research to solve complex engineering problems to meet industry demands.
- To allow graduates to adapt to fast-changing technology with strong fundamentals.
- Assimilate human values and ethics in students to become responsible citizens of society.

FACULTY ACHIEVEMENTS

A.Mounika attended a FDP on "DevOps and Cloud Technology" from 13th March to 17th March at Sreyas Engineering College.


CERTIFICATE
OF PARTICIPATION
Faculty Development Program
on
DevOps and Cloud Technology

Poster Presentation was conducted at department level in the month of February 2023.

J.Rachana, Asst.Prof registered for PhD from Anurag university in the month of March 2023.

STUDENTS' ACHIVEMENTS

Our student MUKESH RAMAVATH-21R9A7340and his team initiated a social service organization "NELATALLI" in June 2021, which is planting plenty of trees in the surroundings.





• Julluri Dinesh-21R9A07312, Vamshi Krishna-21R9A7319,Palthi Sai Charan-21R9A7326&Laishetti Varshith-21R9A7326 participated in HEXAGON HACKATHON-2023.









V Keeriti participated in Annual Day cultural fest-2023 conducted in our college.



DEPARTMENT OF INFORMATION TECHNOLOGY

The Department of Information Technology is headed by Dr. V. Sidda Reddy, with 23 years of academic and software experience, and supported by well experienced, qualified, and dedicated faculty. The Journey of IT started in 2005 to promote global IT professionals to meet the industry. The department has well-equipped laboratories and digital class rooms to promote quality education. The department looks forward to contributing to solving the technological challenges of real-time problems in the IT industry and society.



Dr.V.Sidda Reddy
(HOD)

Vision

The program aims at creating capable engineering professionals to meet the flourishing needs of the Industry and society in the field of Information Technology.

Mission

M1.*Impart adequate employability skills to make the students industry ready with global standards.*
M2.*Inculcate ethical values and leadership qualities in addressing the societal needs using Information Technology.*

PROGRAM EDUCATIONAL OBJECTIVES (PEOs):

PEO 1: *The graduates will be prepared to adopt emerging technologies for professional growth.*
PEO 2: *The graduates will be able to pursue research in upcoming technologies related to Information Technology with ethics.*
PEO 3: *The graduates will be able to apply their knowledge through lifelong learning to meet the challenges of the society.*

FDP /WORKSHOP /SEMINAR /WEBINAR :

Dr V. Sidda Reddy participated in the Webinar DATA PRIVACY IN THE AGE OF ARTIFICIAL TELLIGENCE.


CERTIFICATE OF
PARTICIPATION
Dr. V. Sidda Reddy
DATA PRIVACY IN THE AGE OF ARTIFICIAL INTELLIGENCE

Dr. J.Praveen Kumar participated in
National Level One Week Faculty Development Programme on "Recent Trends in Data Science for Engineering" organized by Department of Information Technology, Chaitanya Bharathi Institute of Technology, Hyderabad, Telangana in association with CBIT IEEE-RAS student branch chapter from 26th June 2023 to 30th June 2023.


Certificate of Participation

Dr. Ramu Moodu participated in

Training of Trainers program on Cyber Security Essentials under "Future Skills PRIME" programme held from Feb 15,2023 to Feb 28,2023.

Faculty Development Program on Accelerate Research conducted by Dept.of IT, Anurag University during 12th -18th March 2023.

Faculty Development Program on Blockchain Technology and Applications conducted by Dept.of IT, Anurag University during 2nd -6th January 2023.









Mrs .Somireddy Pavani received Best Faculty award from College, on 13 th MAY 2023.

Mr.SRAVAN KUMAR participated in

National Level One Week Faculty Development Programme on “Recent Trends in Data Science for Engineering" organized by Department of Information Technology, Chaitanya Bharathi Institute of Technology, Hyderabad, Telangana in association with CBIT IEEE-RAS student branch chapter from 26th June 2023 to 30th June 2023.

5 Days Online International Faculty Development Program on Data Analytics using Power BI organized by the Department of IT. G.Narayanamma Institute of Technology and Science (for Women) in Collaboration with ExcelR. Date: 20th March 2023 to 24th March 2023.

Faculty Development Program on Accelerate Research conducted by Dept.of IT, Anurag University during 12th -18th March 2023.

Training of Trainers program on Cyber Security Essentials under "Future Skills PRIME" programme held from Feb 15,2023 to Feb 28,2023.

Faculty Development Program on Blockchain Technology and Applications conducted by Dept.of IT, Anurag University during 2nd -6th January 2023.



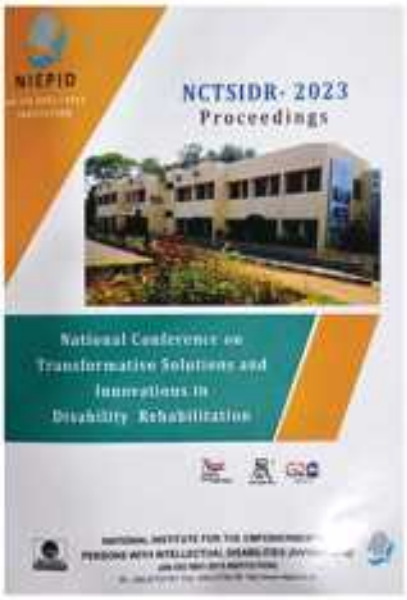








Mrs. Priyanka Nellogu participated in
Paper Presentation in
NATIONAL INSTITUTE FOR THE EMPOWRMENT OF PERSONS WITH INTELLECTUAL DISABILITIES (DIVYANGJAN). National Conference on "Transformative solutions & Innovations in Disability Rehabilitation" Govt. of India vide approval No. F-16(169)2023-RCI, Date: 5th April 2023.
Faculty Development Program on Blockchain Technology and Applications conducted by Dept.of IT, Anurag University during 2nd -6th January 2023




Enabling Change with Artificial Intelligence and Machine learning

Dr. M. Suresh * Babu, Kalva Hymavathi** Nellogu Priyanka***

Abstract

This paper aims to help people working in the field of AI understand some of the unique issues regarding disabled people and examines the relationship between the terms "Personalization" and "Classification" with regard to disability inclusion. Classification using big data struggles to cope with the individual uniqueness of disabled people, and whereas developers tend to design for the majority or ignoring outliers, designing for edge cases would be a more inclusive approach. Other issues that are discussed in the study include personalizing mobile technology accessibility settings with interoperable profiles to allow ubiquitous accessibility; the effects of using generic data-driven personalization to ensure fairness are not born with disabilities; the importance of including disabled people in decisions to help understand AI implications; the relationship between localization and personalization as assistive technologies need localizing in terms of language as well as culture; the ways in which AI could be used to create personalized symbols for people who find it difficult to communicate in speech or writing; and whether blind or visually impaired persons will be permitted to "drive" an autonomous car. This study concludes by suggesting that the relationship between the terms "Personalization" and "Classification" with regards to AI and disability inclusion is a very unique one because of the heterogeneity in contrast to the other protected characteristics and so needs unique solutions.

Keywords: 1. Artificial Intelligence 2. Personalization 3. Classification 4. Ubiquitous

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***Nellogu. Priyanka, Asst. Professor, Department of IT, Teegala Krishna Reddy Engineering College, Hyderabad. Email : priyankareddy77@gmail.com



Mrs.Jyoshna Allenki participated in
5 Days Online International Faculty Development Program on Data Analytics using Power BI organized by the Department of IT. G.Narayanamma Institute of Technology and Science (for Women) in Collaboration with ExcelR. Date: 20th March 2023 to 24th March 2023.



Mrs. B.Nirupama participated in the

• Five days faculty development program on "ETHICAL HACKING" Organized by Blackbuck Engineers and Dept.Of IT and CSE, KKR & KSR Institute of Technology & Sciences from 27th February to 3rd March 2023.

• Faculty Development Program on Accelerate Research conducted by Dept.of IT, Anurag University during 12th -18th March 2023.

• Mrs. B.Nirupama published a paper

Title: Machine learning valuable tool for distancing intellectual and development disabilities.

NATIONAL INSTITUTE FOR THE EMPOWRMENT OF PERSONS WITH INTELLECTUAL DISABILITIES (DIVYANGJAN). National Conference on "Transformative solutions & Innovations in Disability Rehabilitation" Govt. of India vide approval No. F-16(169)2023-RCI, Date: 5th April 2023.









Mr. GADDA RAJKUMAR participated in the

• Paper Presentation in

NATIONAL INSTITUTE FOR THE EMPOWRMENT OF PERSONS WITH INTELLECTUAL DISABILITIES (DIVYANGJAN). National Conference on "Transformative solutions & Innovations in Disability Rehabilitation" Govt. of India vide approval No. F-16(169)2023-RCI, Date: 5th April 2023.



Mr. GADDA RAJKUMAR published a paper
Title: A MACHINE LEARNING MODEL FOR AIR CRAFT TICKET PRICES.
(Scopus indexed journals - Chem. Bull. 2023, (Special issue 12),1844-1854.)



A MACHINE LEARNING MODEL FOR AIR CRAFT TICKET PRICES

[1]G.Raj Kumar, [2]P.veera Kumar, [3]A.Sanjeeva Rao, [4]N.Nikesha
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Associate Professor Teegala Krishna Reddy Engineering College, Hyderabad, India.
Asst Professor Teegala Krishna Reddy Engineering College, Hyderabad, India.
Asst Professor ,Stanley College of Engineering & Technology for Women Hyderabad, India.

Abstract

Flight ticket fare is the most fluctuating data which varies every day. Depending on various factors that affect it directly or indirectly, we cannot say that price of the ticket stays the same or not. It is quite a tough task to predict the flight ticket fare. It may change throughout the week, month or sometimes days, but it can be predicted nearly accurate to actual flight ticket fare. The prime objective of our project "Flight fare prediction system" is to make a prediction of the flight ticket fare for the future flights. We build a machine learning model using a dataset of aircraft ticket prices for different carriers and different routes at different times of the year. The regression model which we have selected for our prediction is "Extreme Gradient Boosting".

DOI: 10.48047/ecb/2023.12.si12.169

STUDENT'S ARTICLE

Being kind—truly kind—is hard. Nice requires little effort. I can be nice while also being indifferent, critical, and even sarcastic. But I can't be kind and be any of those things. Being kind means caring. It means making an effort. It means thinking about the impact I'm having in an interaction with someone and endeavoring to make it rich and meaningful—giving them what they need at that exact moment, without worrying about whether I get anything in return. It means letting go of my judgments and accepting people as they are. Kindness requires me to do something my upbringing discouraged—it demands that I reach out and that I take a risk.
Nice doesn't ask too much of us. It isn't all that hard to be nice; in fact, it's easy. It's also benign. Passive. Safe. One can be nice without expending too much energy or investing too much of oneself in others. One can be nice without taking risks. Nice is holding the door, smiling at the cashier; nice may even be dropping a couple of dollars in a homeless person's hand if we do so without looking him in the eye and saying a genuinely caring word. Kind is asking how we can help, offering our hand, jumping in without being asked, and engaging in conversation that goes beyond the superficial. All of these actions have an element of risk: we might be rebuffed, ignored, or disrespected.

B.Chaithanya
20R91A1206
IT 3rd YEAR



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

The Electronics and Communication Engineering Department is headed by Dr.SK.Umar Faruq who has 15 years of teaching experience. The dept. aims to deepen the knowledge and skills of the students on the basic concepts and theories that equips them in their professional work involving analysis, systems implementation, operation, production, and maintenance of the various applications in the field of Electronics and Communications Engineering.



Dr.SK.Umar Faruq
(HOD)

Vision

To be a centre of learning in the field of Electronics and Communication Engineering to develop competent professionals for industry and to fulfill the needs of the society.

Mission

M1 : To *impart quality education through effective teaching learning process.*
M2: *To provide essential inter-disciplinary technology to make the students readily employable.*
M3: *To inculcate entrepreneurial skills to provide socially relevant and sustainable solutions.*

PROGRAM EDUCATIONAL OBJECTIVES (PEOs):

PEO1: *The graduates will be able to adopt emerging technology for career development.*
PEO2: *The graduate will be able to develop professional skills and sense of social responsibility that paves them a way to secure key position.*
PEO3: *The graduate will have the capability to analyses real life problems of the society and produce innovative solutions.*

Faculty Achievements:

Sunkari Prathyusha as ECE faculty coordinator for CSE students won award for being in top 10 for contest Telangana got tech talent conducted by JNTUH on 19/4/23.
Dr.Padmaja successfully completed NPTEL Course on Cloud Computing during jan-Apr2023 and received Elite Certification.
D.Vemanachary successfully completed NPTEL Course on Foundation of Cloud IOT Edge ML during Feb-Apr2023 and received Elite Certification with NPTEL AICTE FDP certificate.
V.Deepa successfully completed NPTEL Course on Introduction to Internet of Things during Jan-Apr2023 and received Elite Certification.
V.Sravani successfully completed NPTEL Course on Introduction to Internet of Things 4.0 and Industrial Internet of Things during Jan-Apr2023 and received Elite Certification.









Seminar conducted in department

A Seminar was conducted on Indian Satellite Missions in association with IETE by Dr.A.Supraja Reddy on 24-06-23





Under our NSS faculty coordinator K.Kumara Swamy Assistant professor, the following activities were held

• Tree plantation program was conducted by NSS unit at college on 17-02-2023.

• On 08/03/2023, The NSS Unit celebrated WOMENS DAY in the college auditorium by inviting the eminent and successful women celebrity Dr. TEEGALA ANITHA REDDY, Z.P Chairman, Ranga Reddy Dist.

Awareness program on Narcotic drugs and adverse effects , Rally on international day against drug abuse and illicit trafficking was organized by NSS at JNTUH on 3rd June 2023.

Awareness program on women safety and cyber crime by NSS on 13 June 2023.

One day career excellence Program on 6th May 2023.

Industrial Visit:

Final year Students of ECE went to industrial visit on 24th March 2023 to National Remote Sensing Centre under ISRO.

Student Achievements:

C.Sravan Kumar 2nd year A section won 15000 for winning 1st prize in KIMO tech competition held in April 2023.



DEPARTMENT OF ELECTRICAL& ELECTRONICS ENGINEERING

The Department of Electrical and Electronics Engineering is headed by Mr.T.Madhu Babu who has 13 Years of experience.

The primary objective of the department is to impart quality education, training and research at the undergraduate in various areas of Electrical and Electronics Engineering with broad emphasis on design aspects of electrical systems.

The Department has been accredited by NBA in 2018 and 2021 for excellence in engineering education.



Mr.T. Madhu Babu
(HOD)

Vision

Imparting knowledge and Engineering skills to the aspiring students in the field of Electrical and Electronics Engineering, and to face the emerging challenges of the society.

Mission

- *Encouraging scholarly activities that transfer knowledge in the areas of Electrical and Electronics Engineering.*
- *Encourage the students and train them to meet the needs of education and their future endeavors.*
- *Inculcating human values and ethics into the education system for the all-round development of the students*

PATENT

- *Smart Electric Switch Design with IOT by Kalagotla Chenchireddy on 2023/1. Application number 3380531-001*

REVIEW HISTORY REPORT

 # Khammampati R Sreejyothi Reviewed the papers in the "International Conference on Computational Sciences and Sustainable Technologies (ICCSST - 2023)" held on 8th and 9th May 2023, organized by the Department of Computer Science, CHRIST (Deemed to be University) Bangalore, India and Modern College of Business and Science, Muscat, Oman.
 # Kalagotla Chenchireddy reviewed the papers in Various Journals listed below.

PAPER PUBLICATIONS: FACULTY (indexed in SCOPUS)

[1]. T. Madhubabu, A. Anireddy, N. Sahithi, K. S. Krishna Suman, S. Vikas and K. Chenchireddy published "Reduction of Harmonics to Improve Power Quality in Distribution Lines using a Series Active Power Filter," 2023 7th International Conference on Trends in Electronics and Informatics (ICOEI), Tirunelveli, India, 2023, pp. 123-128, doi: 10.1109/ICOEI56765.2023.10126006.

[2]. Dr. G.N.R. Varma, A. Spandana, P. A. Kumar, B. Venumadhav and B. P. Kumar published "Design and Implementation of Three-phase Three Level NPC Inverter," 2023 7th International Conference on Trends in Electronics and Informatics (ICOEI), Tirunelveli, India, 2023, pp. 106-110, doi: 10.1109/ICOEI56765.2023.10125979.

[3]. N. Rajasekhar Varma, D. G, K. Tanuja, G. Avinash, K. S. Reddy and T. S. Teja published "15 Level Inverter for Stand-Alone Applications," 2023 7th International Conference on Computing Methodologies and Communication (ICCMC), Erode, India, 2023, pp. 1439-1443, doi: 10.1109/ICCMC56507.2023.10083851.

[4]. Vidyasagar, B., Priya, K. S., Sagar, S. S., Naidu, B. K., & Reddy, M. S published Different Types of Faults Detection and Identification in Synchronous Generator Using MFO-based FL Techniques" Eur. Chem. Bull. 2023, 12(7), 2085-2095.

[5]. Vidyasagar, B., Priya, K. S., Sagar, S. S., Naidu, B. K., & Reddy, M. S. published Automatic Fire Control System in Railways" Eur. Chem. Bull. 2023, 12(Special Issue 4), 2147-2152 .

[6]. K. R. Sreejyothi, S. Umesh, V. R. Kumar, K. Chenchireddy, Y. A. Sai and B. Nagarjun published "Reduction of THD and Power Quality Improvement by using 48-pulse GTO-based UPFC in the Transmission Systems," 2023 7th International Conference on Computing Methodologies and Communication (ICCMC), Erode, India, 2023, pp. 1466-1470, doi: 10.1109/ICCMC56507.2023.10083821.
[7]. K. R. Sreejyothi, K. Chenchireddy, M. Jahnavi, S. Boini, R. Ganna and V. Prashanth published "Fuel Cell based Grid Connected Two-Level Inverter," 2023 International Conference on Sustainable Computing and Data Communication Systems (ICSCDS), Erode, India, 2023, pp. 1628-1632, doi: 10.1109/ICSCDS56580.2023.10104523.
[8]. V. Kumar, K. Chenchireddy, K. R. Sreejyothi, T. Usha, A. Venkatasaireddy and B. Rakesh published "Distribution System Power Quality Improvement using IRP Theory," 2023 7th International Conference on Computing Methodologies and Communication (ICCMC), Erode, India, 2023, pp. 1450-1454, doi: 10.1109/ICCMC56507.2023.10084162.
[9]. V. Kumar, Y. M. Aniteja Reddy, P. Meghana, M. Prashanth, J. Srilakshmi and K. Chenchireddy published "Grid-Connected Inverter Fed from PV Array," 2023 7th International Conference on Computing Methodologies and Communication (ICCMC), Erode, India, 2023, pp. 1433-1438, doi: 10.1109/ICCMC56507.2023.10083810.
[10]. K. Chenchireddy, V. Kumar, N. S. Shankar, P. Vamshi, S. Tulasi and K. Radhika published "3-Phase 7-Level Diode Clamped Inverter for Standalone Application," 2023 Third International Conference on Artificial Intelligence and Smart Energy (ICAIS), Coimbatore, India, 2023, pp. 309-314, doi: 10.1109/ICAIS56108.2023.10073661.
[11]. K. Santhosh, K. Chenchireddy, P. Vaishnavi, A. Greeshmanth, V. M. Kumar and P. N. Reddy published "Time-Domain Control Algorithms of DSTATCOM in a 3-Phase, 3-Wire Distribution System," 2023 International Conference on Intelligent Data Communication Technologies and Internet of Things (IDCIoT), Bengaluru, India, 2023, pp. 781-785, doi: 10.1109/IDCIoT56793.2023.10053535.
[12]. N. R. Varma, D. G, E. H. V. Reddy, A. Manisha, M. T. Kumar and K. Charan published "Output Voltage and Power Factor Improvement for Non-Conventional Energy Generation," 2023 7th International Conference on Trends in Electronics and Informatics (ICOEI), Tirunelveli, India, 2023, pp. 151-156, doi: 10.1109/ICOEI56765.2023.10125899.
[13]. S. D. Ram, A. V. C. Cholleti, M. C. Rohit and S. Tharun published "Series Hybrid Vehicles by using Solar and Batteries," 2023 7th International Conference on Computing Methodologies and Communication (ICCMC), Erode, India, 2023, pp. 1444-1449, doi: 10.1109/ICCMC56507.2023.10084176.
[14]. S. K. Ghanapuram, D. Sirimalla, V. Edla, S. K. Bykani and L. Utpalla published "Reduced Device Count 9-Level Inverter for Standalone Applications," 2023 7th International Conference on Computing Methodologies and Communication (ICCMC), Erode, India, 2023, pp. 1422-1428, doi: 10.1109/ICCMC56507.2023.10084282.
[15]. A. Manjula, M. Palepu, N. Karnekanti, S. Gogireddy and C. K. Chiguru published "Renewable Energy Source Fed Multilevel Inverter," 2023 International Conference on Intelligent Data Communication Technologies and Internet of Things (IDCIoT), Bengaluru, India, 2023, pp. 786-791, doi: 10.1109/IDCIoT56793.2023.10053486.
[16]. N. R. Babu, K. Chenchireddy, V. H. V. Reddy, D. Samhitha, P. Apparao and C. p. Kalyan published "Case study on Ni-MH Battery," 2023 2nd International Conference on Applied Artificial Intelligence and Computing (ICAAIC), Salem, India, 2023, pp. 1559-1564, doi: 10.1109/ICAAIC56838.2023.10140812.
[17]. K. Chenchireddy, M. G. Basha, S. Dongari, P. Kumar, G. Karthik and G. Maruthi published "Grid-Connected 3L-NPC Inverter with PI Controller Based on Space Vector Modulation," 2023 9th International Conference on Advanced Computing and Communication Systems (ICACCS), Coimbatore, India, 2023, pp. 94-98, doi: 10.1109/ICACCS57279.2023.10113092.
[18]. R. Mudigondla, K. Chenchireddy, R. M. Sudhan, P. A. Kumar, Y. Swamy and P. S. Priya, published "Induction Motor Speed Control Through Vector Control Approach," 2023 International Conference on Sustainable Computing and Data Communication Systems (ICSCDS), Erode, India, 2023, pp. 1069-1074, doi: 10.1109/ICSCDS56580.2023.10104959.
[19]. R. Mudigondla, B. S. G. Reddy, B. Vinitha, P. Vishwateja, A. Kamble and K. Chenchireddy, published "Wind - Battery Controller Based Standalone Alternating Current Microgrid Applications," 2023 International Conference on Sustainable Computing and Data Communication Systems (ICSCDS), Erode, India, 2023, pp. 1063-1068, doi: 10.1109/ICSCDS56580.2023.10104926.

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[22]. Chenchireddy, K., & Jegathesan, V. (2023). ANFIS Based Reduce Device Count DSTATCOM. Journal of Applied Science and Engineering, 26(11), 1657-1666.

PAPER PUBLICATIONS: FACULTY (indexed in GOOGLE SCHOLAR)

[1]. Punumalli Naga Ganesh, CH Prasanna, N Bharath Kumar, Botte Sathish, Vempalla Naveen, "Power Optimization Scheme On Induction Motor Using Artificial Neural Network For Electrical Vehicle", IJRAR - International Journal of Research and Analytical Reviews (IJRAR), E-ISSN 2348-1269, P- ISSN 2349-5138, Volume.10, Issue 2,PageNo pp.221-231, June 2023, Available at : http://www.ijrar.org/IJRAR23B3773.pdf

[2]. G. Raj Rohan Reddy, A. Nagasridhar, P. Alekhya, N. Pawan Kalyan, S.Madhusudhan, "Harmonic Reduction In Vsg Using Fuzzy Logic Considering Nonlinear Loads And Distorted Grid.", IJRAR - International Journal of Research and Analytical Reviews (IJRAR), E-ISSN 2348-1269, P- ISSN 2349-5138, Volume.10, Issue 2, Page No pp.232-240, June 2023, Available at : http://www.ijrar.org/IJRAR23B3774.pdf

[3]. Bhairi Vignesh, Khatravth Santhosh, Kancharla Jahnavi, Jillagoni Sai, Pasnoori Sanjay, "Bi-Directional Ac-Dc Converter For Electric Vehicle Charging Station", IJRAR - International Journal of Research and Analytical Reviews (IJRAR), E-ISSN 2348-1269, P- ISSN 2349-5138, Volume.10, Issue 2, Page No pp.11-16, June 2023, Available at : http://www.ijrar.org/IJRAR23B4011.pdf

[4]. Bhukya Aravind Nayak, Chandolu Sai Deepak, Allam Ajay Kumar, Mendu Rasagna, Nukala Naresh, "Performance Improvement Of Photo Voltaic Fed Series Active Power Filters For Distributed Generation", IJRAR - International Journal of Research and Analytical Reviews (IJRAR), E-ISSN 2348-1269, P- ISSN 2349-5138, Volume.10, Issue 2, Page No pp.665-674, June 2023, Available at : http://www.ijrar.org/IJRAR23B3832.pdf

[5]. Sanagari Lavanya, Eerla Krishna, Bhukya Sai Vandana, Lokasani Akshay Kumar Reddy, Kethawath Vijay, "Performance Improvement Of Grid Interfaced Hybrid System Using Distributed Power Flow Controller With Model Predictive Control", IJRAR - International Journal of Research and Analytical Reviews (IJRAR), E-ISSN 2348-1269, P- ISSN 2349-5138, Volume.10, Issue 2, Page No pp.373-383, June 2023, Available at : http://www.ijrar.org/IJRAR23B3792.pdf

[6]. Bonigala Ramesh, Gudimetla Madhu, Thungani Aravind, Epuri Bhanu Kovidh, Balamoni Srikanth, "Modelling And Simulation Of Grid Interconnection Of Variable Speed Wind Turbine Energy System", IJRAR - International Journal of Research and Analytical Reviews (IJRAR), E-ISSN 2348-1269, P- ISSN 2349-5138, Volume.10, Issue 2, Page No pp.634-642, June 2023, Available at : *http://www.ijrar.org/IJRAR23B3827.pdf*

FDP/WORKSHOP/SEMINAR/WEBINAR: FACULTY

[1]. T. Madhubabu participated and completed successfully State Level three days online FDP on "Emerging trends in Electrical Technology" from 03/04/2023 to 05/04/2023 organized by Department of Electrical Engineering at MIT Polytechnic Yeola, Dist-Nashik.

[2]. T. Madhubabu attened NPTEL FDP on " Introduction to Internet of Things" Jan-Apr-2023 & on " Data Analytics with Python" Jan-Apr-2023.

[3]. Kalagotla Chenchi Reddy participated in One Week FDP on" Energy Harvesting Technologies" organised by the department of EEE in coordination with IIC at GCET in association with IEEE PES//IAS/PELS-jt chapter and WiE AG IEEE Hyderabad Section from 27-02-2023 to 04-03-2023.
[4]. Kalagotla Chenchi Reddy attened NPTEL FDP on "Introduction to Industry 4.0 and Industrial Internet of Things" Jan-Apr 2023.
[5]. Khammampati R Sreejyothi participated in One Week FDP on" Energy Harvesting Technologies" organised by the department of EEE in coordination with IIC at GCET in association with IEEE PES//IAS/PELS-jt chapter and WiE AG IEEE Hyderabad Section from 27-02-2023 to 04-03-2023.
participated and completed successfully State Level three days online FDP on "Emerging trends in Electrical Technology" from 03/04/2023 to 05/04/2023 organized by Department of Electrical Engineering at MIT Polytechnic Yeola, Dist-Nashik.
Participated and successfully completed an online FDP on "Data Analytics & Cyber Security" organized by Department of Computer Engineering from 23rd March to 25th March 2023 At Matoshri Institute Of Technology, Yeola.
Participated in One Week National Level Online Faculty Development Program on "Recent Advances in Data Science, Data Analytics and Cyber Security" from 1-5 March 2023 organized by the department of CSE at Shri Vishnu Engineering College for Women (A), Bhimavaram.
[6]. Rosaiah Mudigondla participated in One Week FDP on" Energy Harvesting Technologies" Organised by the department of EEE in coordination with IIC at GCET in association with IEEE PES//IAS/PELS-jt chapter and WiE AG IEEE Hyderabad Section from 27-02-2023 to 04-03-2023.
Attened NPTEL FDP on"Data Mining" JAN-MARCH 2023.
Participated in the One day National Level Webinar on "Universal Human Values" organized by Department of Electrical and Electronics Engineering, SRM TRP Engineering College, Trichy - 621 105 on 05.04.2023.
Participated 5 Days Online Faculty Development Program on Data Science with Python organized by Shridevi Institute of Engineering and Technology in Collaboration with ExcelR Date: 30th Jan 2023 to 3rd Feb 2023.
Participated and completed successfully State Level three days online FDP on "Emerging trends in Electrical Technology" from 03/04/2023 to 05/04/2023 organized by Department of Electrical Engineering at MIT Polytechnic Yeola, Dist-Nashik.
Participated in 5 Days Online Faculty Development Program on AWS (Amazon Web Services) organized by AVS Engineering College in Collaboration with ExcelR. Date: 27th February 2023 to 3rd March 2023.
Participated in the NPTEL E-Awareness workshop on February 02, 2023.
[7]. N Ramesh Babu participated and completed successfully State Level three days online FDP on "Emerging trends in Electrical Technology" from 03/04/2023 to 05/04/2023 organized by Department of Electrical Engineering at MIT Polytechnic Yeola, Dist-Nashik.
[8]. Ankathi Manjula, participated in a one-day National webinar on " The Art of Writing Research Article and Publishing in High Impact SCOPUS/SCI-E Journals" organized by Department of Computer Science and Engineering on 09th June, 2023.
[9]. S Lavanya attened NPTEL FDP on " Introduction to Internet of Things" Jan-Apr-2023.
[10]. Chandolu Sai Deepak attened NPTEL FDP on " Introduction to Internet of Things" Jan-Apr-2023.

DEPARTMENT EVENTS:

1. Conducted a Seminar on "GATE Guidance" for III Year EEE students on 23.02.2023.
2. Conducted 3 day Workshop on "Entrepreneur" for IV Year EEE students from 27th to 29th March 2023.

NPTEL CERTIFICATES

1. T. Madhubabu got NPTEL certificate in “Introduction to Internet of Things”.

2. T. Madhubabu got NPTEL certificate in “Data Analytics with Python”.

3. Kalagotla Chenchireddy got NPTEL certificate in “Introduction to Industry 4.0 and Industrial Internet of Things”.

4. Khammampati R Sreejyothi got NPTEL certificate in “ Facts Devices “

5. Rosaiah Mudigondla got NPTEL certificate in “Data Mining”.

6. S Lavanya got NPTEL certificate in “Introduction to Internet of Things”.

7. Chandolu Sai Deepak got NPTEL certificate in “Introduction to Internet of Things”.















DEPARTMENT OF CIVIL ENGINEERING

Md. Muneeruddin Khan, M.Tech (structural engineering) currently pursuing PhD from JNTUH in earthquake engineering who has vast experience of 25 years both in industry and teaching is the HOD.

He is GHMC approved structural engineer, having designed many multi-storeyed building in Hyderabad city.

He is a member of association of consulting civil engineer and structural engineer. He is giving free technical training for the benefit of students after college hours at his various sites.



Md. Muneeruddin Khan
(HOD)

Vision

To impart technical knowledge in the field of civil engineering and expose the graduate students to the technology.

Mission

- *To provide good theoretical and practical knowledge to the students during their course of study, and create awareness in technology.*
- *To encourage students for higher studies and to have research oriented direction.*
- *After completion of course, the students are empowered with good technical knowledge, employability and ethical values to serve the nation.*

EVENTS IN THE DEPARTMENT

One week workshop on "Technical Training Program – C, C++" was conducted for students from 06.03.2023 to 15.03.2023





One day seminar was conducted on 21-02-23 for students on "A Guidance Program On Career Opportunities After B.Tech"





Workshop was conducted on "Entrepreneur Journey in Digital start up" from 27.03.2023 to 29.03.2023 for students.





Students & Faculty attended two days all India seminar on 09.06.2023-10.06.2023 on "Technological Advancement in Architectural Engineering" at The Institution of Engineers (INDIA)-Khairatabad.





Mr. Mohammed Muneeruddin Khan published a paper on "Performance Evaluation Of Special Concrete With Steel Slag And Waste Glass" in International Research Journal Of ECB in the month of 20.06.2023.
Mr G.Veeresh Kumar received Best Faculty award from college, on 13 th MAY 2023.



Mr.Muneeruddin Khan received certificate for completing technical training on "Design of Steel Structures with Latest Indian Codes".

Student Placement Data

- Two students, M.Shravani and M.Anusha got placed in Mold Teak with 2.4 LPA.
- Six students P.Siri, S.Susmitha, D.Champla, B.Sandeep Laxman, K.Akhila and K.Nikhil got placed in "Savantis" with 2.8 LPA.
- Three students, V.Havya Sree, A.Harsha Vardhan, and V.Sravya Sree got placed in "Formonic Technology" with 1.8 LPA.
- M. Mani Kiran got placed in "Needs Resources" with 2 LPA.

DEPARTMENT OF HUMANITIES & SCIENCES

The Department of Humanities & Sciences is headed by Dr.AYACHITHULA NAGARJUNA who has 11years of teaching and 5 years of research experience.
The department plays a unique role in the college,where the ethos of science and technology prevails and aims in providing competitive quality education and supports the students to lay basic profound foundation in all the branches of Engineering.



Dr.Ayachithula Nagarjuna
(HOD)

PATENT

 # Measurement of alpha and beta radiation around the physics complex by
Dr. A. Nagarjuna, K. Siva Maha Laxmi, Dr. G.Kiran, Dr. Ch S.L.N Sridhar and Dr. Ch S.Lakshmi
ApplicationNo.202341013293APatentOfficeJournalNo:11/2023Dated 17/03/2023

PUBLICATIONS

 # Comparative study of binary liquid mixtures containing p-methoxy benzoate acid and amides by
Dr.A.Nagarjuna, K.V.S.N Raju, Dr. N.Kotilingaiah & B. M. Praveen.
European Chemical Bulletin 2023, 12 (Si6), 3395 – 3407 doi: 10.31838/ecb/2023.12.si6.302
 # Spectroscopic and textural analysis of glucose dispersed fundamental nematic liquid crystals by
K.V.S.N Raju, SK. Salma Begum, Dr.A. Nagarjuna & B M Praveen.
Brazilian Journal of Physics,53, 89 (2023)https://doi.org/10.1007/s13538-023-01313-w.

FACULTY ACHIEVEMENTS

 # Dr A. Nagarjuna, HOD joined in Post Doctorate Fellowship (PDF) in the field of Physics at Srinivas University, Mangalore, Karnataka in January 2023.
 # On 10-02-23, Dr A.Nagarjuna, HOD accomplished BEST RESEARCHER AWARD from Novel Research Academy Puducherry in name of National faculty award 2022-23.
 # Dr A.Nagarjuna,HOD got Life membership in International Association of Engineers (IAENG)
 # H.Vindhya, Asst. Prof of Chemistry & R.Nagaraju, Asst. Prof of English got qualified in TSSET-2023 conducted by Osmania University, Hyderabad.
 # Mr.L.Nagaraju joined Ph.D. in the field of Mathematics at ANURAG University, Hyderabad in the month of APRIL 2023.
 # Dr.V.J.E Caroline Prof. of English acted as a resource person for customer orientation techniques for all the conductors of TSRTC, organized by TSRTC MIDHANI DEPOT during 26th -28th April 2023.
 # D.S.L Sudha Rani, Assoc.Prof of Mathematics presented a paper in first international conference on recent innovations in Science Engineering and Technology organized by Vignan Institute of Engineering for women,
 # Vishakhapatnam, during 19th-20th May 2023.
 # DR.V.Madhavi, Assoc.Prof.of English participated in one week FDP programme on recent trends in Teaching language literature.

Department Activities

I# B.Tech students participated in DRUG AWARENESS PROGRAMME in collaboration with NSS, organized by TS Police authority at Saroornagar parade grounds,Hyderabad.





Department of H&S organized NATIONAL SCIENCE DAY celebrations on 28THFEB, 2023.In morning session conducted seminar on ENVIRONMENTAL PROTECTION. The resource person for this program was Dr.K. Babu Rao Environmentalist, NGRI, Hyderabad.
Afternoon session project expo was conducted for all I B. Tech students. Total 80 group of students explained their ideas through their charts/posters.









On the Occasion of Telangana Formation Decennial Celebrations, the Department of H&S organized literary events on 20-6-2023 for all the students of TKREC. Total 180 students registered for various competitions. Our Management announced cash prizes for the 1st and 2nd Prize winners.









Management announced Best faculty awards as part of college Annual day celebrations to faculty, for their outstanding performance in Teaching as well as Research. The following faculty received the award from the dept.

Mathematics - D.S.L SUDHA RANI
Physics - K. SHIVA MAHA LAXMI
Chemistry - Dr.N.KOTI LINGAIAH
English -Dr.V.MADHAVI

ARTICLES

Air Pollution

A gentle touch of the cool breeze is charming.
A fragrance of the garden is
fascinating.
A crystal clear sky is captivating.
The serenity of the environment is enchanting.
A drastic change in the environment is distressing.
Severity of air pollution is suffocating.
Fighting with lung disease caused by air pollutants is frightening.
Severe health risks can be deadly maddening.

Smog, soot, green house gases are exasperating.
Smog irritates eyes and causes lung damage which is annoying.
Soot contains carcinogenic agents that cause cancer to be traumatizing.
Green house gases lead to climate change being infuriating.

Reduction of air pollutants is highly demandable.
The responsibility of human beings in reducing air pollution is commendable.
Marching ahead to afforestation is approachable.
Mass transportation is highly admirable.

-Dr.VJE. Caroline
Professor

The Shepherd Boy and the Wolf

A shepherd boy in a village used to take his herd of sheep across the fields near the forest. He felt this job was very dull and wanted to have some fun. One day while grazing the sheep, he shouted, "Wolf! Wolf! The wolf is carrying away a lamb!" Farmers working in the nearby fields came running for help but didn't find any wolf. The boy laughed and replied, "It was just fun. There is no wolf here".

The boy played a similar trick repeatedly for many days. After some days, while the shepherd boy was in the field with the herd of sheep, suddenly, a wolf came out from the nearby forest and attacked one of the lambs. The boy was frightened and cried loudly, "Wolf! Wolf! The wolf is carrying a lamb away!" The farmers thought the boy was playing mischief again. So, no one paid attention to him and didn't come to his help.

--K.Danush Karthik
1st Year IT-A,
22R91A1258

DEPARTMENT OF MASTER OF BUSINESS ADMINISTRATION

The Department of MBA as established in the year 2007 with the approval of AICTE; New Delhi, headed by Dr.V.SURYANARAYANA who has vast experience.

The dept focuses on application of knowledge, development of positive attitude, diverse skills and competencies among the students. Pedagogy includes lectures, case discussions, role-plays and simulation.To accomplish the mission of Indian in values & International in excellence,TKREC MBA is imparting quality management education with excellent infrastructure and competent faculty.



Dr.V.Suryanarayana
(HOD)

Vision

Striving for an outstanding value based quality education, developing entrepreneurial skills to become global managers and continue to hold passion for knowledge-sharing in all facets of management education, embedding Indian culture and societal values.

Mission

- *Creating an environment that encourages students to achieve excellence in the field of their choice, through holistic, efficient and pertinent education.*
- *Developing innovative and dynamic leaders who are capable of managing for change and transformation in a globally challenging environment.*
- *Instilling all round personality development of the students by making them excellent individuals in understanding the human values.*

FACULTY ACHIEVEMENTS

 # Dr.V.Suryanarayana acted as a resource person for customer orientation techniques for all the conductors of TSRTC, organized by TSRTC MIDHANI DEPOT during 26th -28th April 2023.

S.No	Name of the faculty	Title Name	Name of the Journals/Conferences	ISSN/ISBN
1	Dr. V. SURYA NA RAYANA	Employee Attrition with Reference to Big Bazaar Volume 09 Issue 02	IJITECH	2321-8665
		Market Basket Analysis using Data mining	Journal of optoelectronics laser	1005-0086
		Performance analysis for supply chain Finance Management using Block chain Issue No.35/2022	The patent Office Journal No35/2022	No35/2022
2	Dr.CH.Ramesh	A study on performance of Sector Mutual Funds with reference to India Info line Limited	IJITECH	2321-8665
		Enhancement of Management skills among students in select Management College Vol 14 spl 03.2022	INT-JECSE	1308-5581
		Performance analysis for supply chain Finance Management using Block chain Issue No.35/2022	The patent Office Journal No35/2022	No35/2022
		Market Basket Analysis using Data mining	Journal of optoelectronics laser	1005-0086
3.	D.Srisailam	Performance analysis for supply chain Finance Management using Block chain Issue No.35/2022	The patent Office Journal No35/2022	No35/2022
4.	G.Srinivas	Performance analysis for supply chain Finance Management using Block chain Issue No.35/2022	The patent Office Journal No35/2022	No35/2022
5.	M. Annapurna	Market Basket Analysis using Data mining	Journal of optoelectronics laser	1005-0086
		Performance analysis for supply chain Finance Management using Block chain Issue No.35/2022	The patent Office Journal No35/2022	No35/2022
		A study on Employee Job Satisfaction Vol -09 Issue 02 dec 2022	IJITECH	2321-8665

HIGHLIGHTS

The college is proud to receive AAA ranking from CAREERS 360 in the category of India's best Engineering College.

In a survey done by Data Quest for 2023(Top T Schools),TKREC received 84rh rank in Top 100T schools in India(Govt&Pvt)sector & 74rh rank in Top 100T schools in India(Pvt)sector.

The Principal of the College received the "Frontiers of Knowledge" award on behalf of the students who participated in the "Telangana Got Tech Talent" Hackathon, organized by JNTU Hyderabad in association with BLACKBUCKS on 19th APR 2023. The college was shortlisted as one of the TOP 10 finalists for this award.

As a college that is encouraging innovative talent and high technology, Center of Excellence for Future Technologies (CEFT), a joint collaboration of JNTUH-Blackbucks felicitated "Teegala Krishna Reddy Engineering College" as "Frontiers of Knowledge" on 19th Wednesday at JNTU Hyderabad.

Below student team achieved this remarkable achievement from CSE dept.

19R91A05E3 – Varsha Gigula
19R91A05H0 - Satwik Reddy Mokila
19R91A05C9 - Andoju NA Adarsh
19R91A05H4 - Nimish NA Padal

Aerra Bhargavi, ECE 2023 batch got selected for Google Scholarship - Data Analytics and she received the Certificate from Honorable IT Minister Shri KalvakuntlaTaraka Rama Rao Garu in TASK MoU Exchange Program which was conducted in T-Hub 2.0 on 20th July, 2022.

Two UG programmes of ECE and IT are in the process of getting NBA.

Hybrid Vehicle(Electric and petrol) project is done by Diploma EEE department students.

TKREC is organizing Overseas Education Awareness Session for all the 2023 Graduating Students in association with University Hub.

The first International Conference on Disruptive Technologies in Computing and Communication Systems website hosting and brochure inauguration was launched by TKRES Treasurer Sri T. AmamathReddy on 24th March 2023. The conference ICDTCCS will be hosted by TKREC from 11 _12 August 2023 in Hyderabad, focusing on addressing urgent needs and gaps, and developed strategies and solutions for a sustainable future. These conferences, workshops and seminars would contain informative and useful content but also show guests how the new product can benefit them.

TKREC initiated a very unique skill enhancement programme called Job Skills Inculcation.
Program (JSIP) to produce industry-ready engineering students. The JSIP runs concurrently
with the academic calendar of II and III year of B.Tech. program..

74th Republic day celebrations were organized on 26 January 2023 at College.

A three day fest Thyohar, Shiznay and Annual day was organized in the campus from 11th May to 13th May, 2023.

10 years of Telangana Formation Day celebrations were held at College on 2 June 2023.













Talent
Knowledge
Righteousness
Enlightenment
Commitment

TEEGALA KRISHNA REDDY ENGINEERING COLLEGE

TKREC

HYDERABAD

Indian in Character ✪ International in Excellence

