



**TKR COLLEGE OF ENGINEERING AND TECHNOLOGY
(AUTONOMOUS)**

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ELECTRICAL AND ELECTRONICS ENGINEERING

NEWS LETTER

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1. PREFACE

It gives us immense pleasure to present the latest edition of the Electrical and Electronics Engineering Department Newsletter. This publication serves as a vibrant platform to showcase the achievements, innovations, and activities of our students, faculty, and staff, while also highlighting recent developments in the ever-evolving world of Electrical and Electronics Engineering.

In this fast-paced technological era, the role of Electrical and Electronics engineers has become more critical than ever. From advancements in power systems and embedded technology to breakthroughs in automation and renewable energy, our department continues to stay at the forefront of academic excellence and research innovation.

This newsletter is a reflection of our collective efforts — featuring technical articles, project highlights, research contributions, industrial visits, workshops, guest lectures, and student accomplishments. It is a celebration of curiosity, creativity, and collaboration within our department.

We extend our heartfelt gratitude to the editorial team, contributors, and all those who supported the making of this issue. Their dedication and hard work have made this publication possible.

We hope this newsletter not only informs but also inspires readers to engage more deeply with the exciting field of Electrical and Electronics Engineering. May it serve as a testament to our department's commitment to learning, growth, and innovation.

Happy Reading!



2. MESSAGE FROM MANAGEMENT



**SRI TEEGALA KRISHNA REDDY
CHAIRMAN**



**SRI TEEGALA HARINATH REDDY
SECRETARY**



**SRI TEEGALA AMARNATH REDDY
TREASURER**

"Unlock the code to innovation with our branch of Electrical and Electronics Engineering! Our brilliant minds are shaping the future, one algorithm at a time. Join the journey of discovery, where bytes become breakthroughs. Embrace the power of knowledge, where tomorrow's tech leaders are born today. Dive in to the digital revolution!"



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3. MESSAGE FROM THE PRINCIPAL



Dr. D.V. RAVI SHANKAR

PRINCIPAL-TKRCET

"As the College Principal, I'm thrilled to witness the boundless potential within our Electrical and Electronics Engineering realm. Here, innovation isn't just a word; it's a lifestyle. Embrace the fusion of logic and creativity, for it births groundbreaking solutions. Our community breeds pioneers, shaping tomorrow's tech landscape. Let curiosity be your compass, resilience your fuel, and knowledge your arm or. Remember, every line of code is a step toward progress. Together, let's amplify our impact, leaving an indelible mark on the digital frontier. Your journey here isn't just about learning; it's about pioneering the future. Seize every opportunity, and let's thrive together!"



4. EDITORIAL

Dear Enthusiasts,

"Welcome to the pulse of innovation! Within these pages, discover the collaborative synergy between our esteemed faculty and visionary student coordinators. Together, we traverse the ever-evolving landscape of Computer Science Engineering, nurturing creativity, and fostering excellence. Our journey isn't just about acquiring knowledge; it's about applying it to redefine boundaries. From groundbreaking research to dynamic events, witness our collective passion for innovation. We invite you to join this vibrant community, where expertise meet enthusiasm, and together, we sculpt the future. Embrace the spirit of exploration, for here, possibilities are limitless, and brilliance knows no bounds."

FACULTY COORDINATORS

**Dr. K. Raju
(Associate Professor)**

**Mr. P. Veeraraghava Reddy
(Assistant Professor)**

STUDENT COORDINATORS

D. Rakesh



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5. ABOUT THE DEPARTMENT



:

Dr. K. RAJU

HEAD OF DEPARTMENT-EEE

"Welcome to the vibrant hub of technological evolution at TKR College of Engineering and Technology! Established in 2002, The Department of Electrical Engineering, established in 2002, initially offered a B. Tech program in Electrical & Electronics Engineering. To diversify and provide industry-oriented training at the postgraduate level, the department introduced M. Tech courses in Power Electronics in 2010. Currently, Research efforts are focused on various areas within Electrical Engineering, such as Power Systems, Power Electronics and Drives, Power Converters, High Voltage Engineering, Control Systems, Artificial Intelligence Techniques, Renewable Energy Resources, Electric Vehicles, and software tools like ETAP, MATLAB, Ansys, and Python.



6. ACADEMIC EXCELLENCIA

"Embarking on the journey of academic excellence, our stellar achievers have illuminated the path to success with their unwavering dedication and brilliance. Join us in celebrating the remarkable achievements of our top scholars, whose relentless pursuit of knowledge has set a soaring standard in our academic community."

BACHELOR OF TECHNOLOGY

The following students have a topper an EEE Dept.

S.No	Year and Sem.	Roll No	Name of the student	cgpa
1	4-2	21K95A0230	KOMMETA VENA	8.68



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7. NEWS AND ACHEIVEMENTS

Ayudha Puja and **Bathukamma** was celebrated on 07/10/2023; Durga Devi Mandapam was specially decorated the visitor have appreciated the uniqueness of arrangements.





FACULTY DEVELOPMENT PROGRAMMES

1. Mr G. Jagadeshwar Reddy Asst. Professor was attended NPTEL-AICTE FDP Reinforcement Learning on July-Oct-2023

2. Mr P. Veeraraghava Reddy Asst. Professor was attended One week online international FDP on Trends & Challenges in the development of EV & Hybrid ev(series-2)on 14-11-2022 to 18-11-2022.



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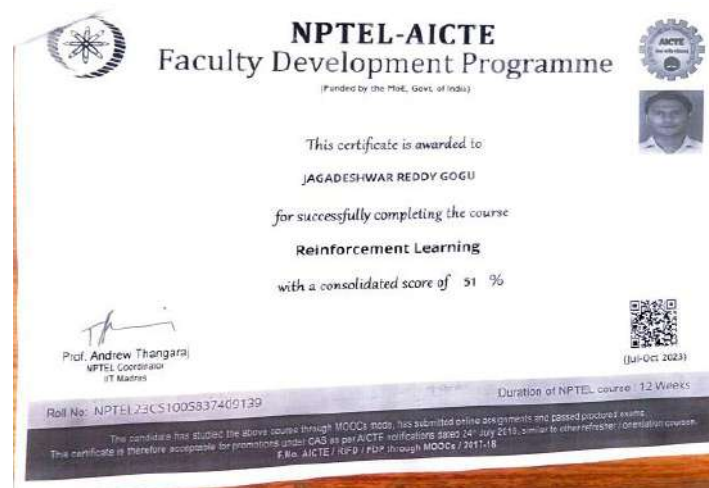
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1. I G. Jagadeshreddy Recently received for my participation in the NPTEL titled Introduction to machine learning, which took place on July- October 2023. I receiving this certificate have been an enriching experience.



2. I G. Jagadeshreddy Recently received for my participation in the NPTEL titled Reinforcement learning, which took place on jul-oct 2023. I receiving this certificate have been an enriching experience.





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Mr. Dr. K. Raju was attended a International Conference on On Disruptive Technologies in Computing and Communication system (ICDTCCS) will be held in the Teegala Krishna Reddy Educational Society, Medbowl, Hyderabad, Telangana, India during August 11-12, 2023.





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1. Mr.A.NandaKishor and Ch. Rakeshwars attend a National Level Technical Symposium PROMETHEAN 2023. Event an **Electro logic Quest** these students have first place. Will be held in EEE Dept. BVRIT Bachupally, 8-5/4, Nizampet Rd, Opposite Rajiv Gandhi Nagar Colony, Hyderabad, Telangana 500090. During 22-23 December -2023



1. The following B.Tech student was **Participation** various colleges in **VOLLEYBALL** .

Name of the student	Name of the Event	Name of the event	Place	Date	Result
K. Ajiy Kumar	National Level Inter Engineering Sports Fest Aura-24. (CBIT)	VOLLEYBALL	Kokapeta HYDERABAD	14-11-2024 to 16-11-2024	PARTICIPATED
B. Sandeep	National Level Inter Engineering Sports Fest Aura-24. (CBIT)	VOLLEYBALL	Kokapeta HYDERABAD	14-11-2024 to 16-11-2024	PARTICIPATED
K. Ajiy Kumar, B. Sandeep	National Level Inter Engineering Sports Fest Aura-24. (CBIT)	VOLLEYBALL	Kokapeta HYDERABAD	14-11-2024 to 16-11-2024	RUNNERS







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Industrial Visit to KKR Transformers (KKR), Nacharam, Hyderabad, Telangana, India by B-Tech EEE,
Students along with faculty on 16-11-2024.





A one day seminar on A guidance Program on MADE EASY on 21-11-2024. have been conducted for B.Tech EEE.





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1. Mr Bhavanaa Gorintla was attended Matlab expo on 13-11-2024 to 14-11-2024



2. Ms Sanjana Reddy S was attended Matlab Expo on 13-11-2024 to 14-11-2024.





1. Ms Raveena Sunkishala was attended Matlab Expo on 13-11-2024 to 14-11-2024.

