

EDITION -1
JAN - JUN 2025

<https://tkrcet.ac.in/>



NEWSLETTER
DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING

THE DIGITAL DISPATCH

THE ENGINEERING DIGEST



<https://tkrcet.ac.in/>



info@tkrcet.ac.in

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PREFACE

Step into our electrifying digital world, where innovation comes alive! Welcome aboard our newsletter, crafted by the genius minds of our Computer Science Engineering family. These pages are overflowing with the rhythm of innovation, the beat of code that blasts through the limits of imagination, and the harmony of bytes conducting the future. It's a glimpse into a world where circuits hum tunes of possibility, algorithms write stories of transformation, and pixels paint the canvas of our dreams. This newsletter is not just a collection of words; it's a symphony of our collective aspirations, a testament to our unyielding pursuit of knowledge and passion for discovery. It bridges the gap between the analog past and the digital present, and takes us on a quantum leap towards the uncharted horizons of tomorrow. From unraveling the mysteries of AI to navigating the complexities of cybersecurity, from celebrating our budding developers to exploring the frontiers of software engineering, this newsletter reflects our shared journey - a compass guiding us through the ever-evolving landscape of technology. We are grateful to our contributors, the guiding lights of our faculty, and the unwavering support of our peers. Together, we light up the path towards innovation, creating a community where ideas flourish and creativity knows no bounds. So, dear readers, buckle up as we embark upon this electrifying adventure. Let these pages fuel your curiosity, ignite conversations, and inspire you to be the architects of the digital age. Welcome aboard! The journey starts now.

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 Computer Science & 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 into the digital revolution!"

MESSAGE FROM PRINCIPAL

DR.D.V. RAVI SHANKAR
PRINCIPAL-TKRCET



"As the College Principal, I'm thrilled to witness the boundless potential within our Computer Science 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 armor. 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!"

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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 meets enthusiasm, and together, we sculpt the future. Embrace the spirit of exploration, for here, possibilities are limitless, and brilliance knows no bounds."

FACULTY COORDINATORS

P .PRASHAMSA
Assistant Professor

STUDENT COORDINATORS

CHANDRA SHEKAR
23K91A05C3
MANIKESH
23K91A05C0

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ABOUT THE DEPARTMENT

Dr. A. Suresh Rao
VICE-PRINCIPAL DEAN ACADEMICS
HEAD OF DEPARTMENT-CSE



"Welcome to the vibrant hub of technological evolution at TKR College of Engineering and Technology! Established in 2002, our Computer Science Department, led by the visionary Dr. A. Suresh Rao, is a Professor in the Department of Computer Science & Engineering and was conferred with the PhD Degree in Computer Science & Engineering from NIT Warangal, in the year 2015. He is currently the Vice Principal, Dean of Academics and Head of the Department of Computer Science and Engineering at TKRCET. His experience spans across a period of 20 years; stands as a beacon of innovation and excellence. Nestled at the crossroads of tradition and cutting-edge technology, our department thrives on pioneering research, avant-garde teaching methodologies, and a commitment to shaping future tech leaders. Our state-of-the-art labs, driven by a dynamic curriculum, foster a culture of creativity and problem-solving. Join us in exploring the endless possibilities in the ever-evolving landscape of computer science, where innovation knows no bounds!"

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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

TOPPERS

1st YEAR 1st SEMESTER

24K91A05G3 KARNATI SHIVANI 9.50

4th YEAR 1st SEMESTER

21K91A05P6 TALARI SAI CHANDANA 8.23

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FACULTY BULLETIN

PUBLICATIONS

A. Suresh Rao presented a paper on “Advanced Predictive Modeling of Diabetic Readmissions Using Machine Learning and Essential Health Metrics comparative analysis and pre-processing Journal of Information Systems Engineering and Management 2025, 10(19s) e-ISSN: 2468-4376 Accepted: 15 Feb 2025 Department of CSE, TKR College of Engineering and Technology, Hyderabad, India

D. V. V. Deepthi, presented a paper on CUSTOMER CHURN PREDICTION USING GNN Using Various Machine Learning models ISSN 2249-3352 (P) 2278-0505 (E) UG. Scholar Department Of CSE, TKR College Of Engineering and Technology MAY 2025, Volume 15, ISSUE 2 UGC Approved Journal

P. Kishan Rao presented a paper on “Advanced Predictive Modeling of Diabetic Readmissions Using Machine Learning and Essential Health Metrics comparative analysis and pre-processing Journal of Information Systems Engineering and Management 2025, 10(19s) e-ISSN: 2468-4376 Accepted: 15 Feb 2025 Department of CSE, TKR College of Engineering and Technology, Hyderabad, India

K. Gayathri published a paper Expense tracker using machine learning ISSN:2583-6129, DOI:10.55401/ISJEM03764 in International Scientific Journal of Engineering & Management (ISJEM) ON VOLUME 04 ISSUE 05 MAY 2025

FACULTY DEVELOPMENT PROGRAM



M THANMAYEE has participated in 2 Week faculty development program on GEN AI and AGENTIC AI organized by Department of Computer science and Engineering from 09th June 2025 to 27th June 2025 at MIT Academy of Engineering.

PRAGATHI VULPALA has participated in 6 Days faculty development program CYBER STRIKE : ADVANCED THREATS AND COUNTER MEASURES IN CYBER SECURITY organized by Department of Computer science and Engineering In collaboration with CYBERNAUTS from 23rd June 2025 to 28th June 2025 at CVR College of Engineering and Technology.

D .V. V. Deepthi has participated in 5 days faculty development program on AI Tools organized by Brainovision solution India Pvt ltd 17th Feb 2025 to 21st Feb 2025

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WORKSHOPS

Y. LATHA , has participated in 3 days day workshop on Trends and Technologies in software engineering and Organized by the GSTE from 09th EDITION -1 JAN - JUN 2025 to 11th EDITION -1 JAN - JUN 2025

D.V.V. Deepthi has participated in the workshop on Development with AI & Essential Skills (ESTP) organized by the TKRCET from 23rd June to 27th June

NPTEL CERTIFICATION

Anantha lakshmi Gali has completed a NPTEL online certification on “Deep Learning” - IIT ROPAR held on JAN-APR 2025

V V Deepthi Donavalli has completed a NPTEL online certification on “Computer Networks & Internet Protocol”- IIT KHARAGPUR held on JAN- APR 2025

Kunchakuri Anusha has completed a NPTEL online certification on “Machine Learning for Engineering & Science Application ”- IIT MADRAS held on JAN-APR 2025

M .Thanmayee has completed a NPTEL online certification on “Computer Networks & Internet Protocol”- IIT KHARAGPUR held on JAN-APR 2025





Elite
NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
ANANTHA LAKSHMI GALI
for successfully completing the course

Deep Learning - IIT Ropar

with a consolidated score of **90 %**

Online Assignments	22.06/25	Proctored Exam	68.35/75
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Total number of candidates certified in this course: 3779

Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM

Jan-Apr 2025
(12 week course)

Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

Roll No: NPTEL25CS215947002389 To verify the certificate No. of credits recommended: 3 or 4

NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
V V DEEPTHI DONAVALLI
for successfully completing the course

Computer Networks And Internet Protocol

with a consolidated score of **58 %**

Online Assignments	23.81/25	Proctored Exam	34.5/75
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Total number of candidates certified in this course: 6290

Jan-Apr 2025
(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

Roll No: NPTEL25CS1551247004218 To verify the certificate No. of credits recommended: 3 or 4

NPTEL ONLINE CERTIFICATION
(Funded by the MoE, Govt. of India)

This certificate is awarded to
KUNCHAKURI ANUSHA
for successfully completing the course

Machine Learning for Engineering and science applications

with a consolidated score of **52 %**

Online Assignments	21.13/25	Proctored Exam	30.75/75
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Total number of candidates certified in this course: 1166

Prof. Andrew Thangaraj
Chair
Centre for Outreach and Digital Education, IITM

Jan-Apr 2025
(12 week course)

Prof. Vignesh Muthuvijayan
NPTEL Coordinator
IIT Madras

Indian Institute of Technology Madras

Roll No: NPTEL25CS495647001380 To verify the certificate No. of credits recommended: 3 or 4

Elite
NPTEL Online Certification
(Funded by the MoE, Govt. of India)

This certificate is awarded to
M THANMAYEE
for successfully completing the course

Computer Networks and Internet Protocol

with a consolidated score of **64 %**

Online Assignments	23.13/25	Proctored Exam	40.56/75
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Total number of candidates certified in this course: 9310

Jan-Apr 2024
(12 week course)

Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur

Indian Institute of Technology Kharagpur

Roll No: NPTEL24CS195357404693 To verify the certificate No. of credits recommended: 3 or 4

STUDENT BULLETIN



We are excited to announce the establishment of the IEEE Student Branch at TKRCET! This branch is a gateway for students to connect with the global IEEE community, gain access to cutting-edge technological resources, and participate in transformative professional development opportunities. Through workshops, technical projects, competitions, and networking events, the IEEE Student Branch empowers students to enhance their skills, collaborate on innovative ideas, and contribute to advancements in technology. Join us to explore, innovate, and excel with IEEE as we pave the way for a brighter future in science and engineering!

Mrs. K. Naga Maha Lakshmi from the CSE Department serving as the overall coordinator.

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4- Days GEN AI workshop conducted by -IEEE STUDENT CHAPTER Which is Held On 24th April 2025

