MALLA REDDY COLLEGE OF ENGINEERING

(Approved by AICTE(New Delhi), Permanently Affiliated to JNTUH)
Recognised under Section 2(f) & 12(B) of the UGC Act 1956, An ISO 9001:2015 Certified Institution.

DEPARTMENT
OF
COMPUTER SCIENCE & ENGINEERING & INFORMATION TECHNOLOGY

ORGANIZING

FACULTY DEVELOPMENT PROGRAM

ON

AI TOOLS FOR MODERN PEDAGOGY

"Welcome to the Faculty Development Program — advancing teaching excellence through innovation and collaboration."

22nd July - 26 July, 2025

VENUE: SEMINARHALL, MAINBUILDNG

WELCOME TO

FDP





SHRI. CH.MALLA REDDY
FOUNDER AND CHAIRMAN, MRGI



"We built this college with bricks of hope and cement of vision carry it forward with deeds, not just dreams."

Intellectuals are not born—they are shaped through perseverance, dedication, and a commitment to purposeful learning. The values upheld by true visionaries, grounded in logic, reason, and integrity, continue to inspire countless students and guide them toward successful professional journeys. In today's fast-evolving and highly competitive era, institutions that consistently uphold quality and innovation naturally stand apart.

MRGI, under the dynamic and visionary leadership of its charismatic Chairman, has always embodied this pursuit of excellence. With its state-of-the-art infrastructure and forward-thinking academic ecosystem, MRGI has earned a distinguished reputation across Southern India for delivering top-tier education. As the largest hi-tech private campus in the region, it stands as a symbol of academic brilliance, technological advancement, and holistic development.

The successful organization of the Faculty Development Programme (FDP) further reflects this commitment. By empowering educators with modern pedagogical tools, AI-driven methodologies, and future-ready teaching practices, MRGI reaffirms its dedication to nurturing professionals who can thrive in the rapidly evolving landscape of engineering, infotainment, and advanced technology. This blend of visionary leadership and continuous faculty development ensures that the institution remains a powerhouse of knowledge, innovation, and progressive learning.

SHRI. CH. MAHENDER REDDY
SECRETARY, MRGI



"True education isn't just about careers it's about character, community, and conscience."

Mr. Ch. Mahender Reddy continues to carry forward the pioneering legacy of his visionary father, Mr. Ch. Malla Reddy, with dedication, excellence, and a deep commitment to educational transformation. Every assignment he undertakes is marked by distinction, reflecting his dynamic leadership and unwavering passion for elevating MRGI to greater heights.

A multifaceted and forward-thinking leader, he brings enthusiasm, innovation, and a strong sense of purpose to the institution's continuous journey of success. With an indomitable team spirit, he is redefining the standards of quality education while upholding the core values and vision established by his father.

In following this remarkable path, he is blazing new trails of achievement, setting benchmarks, and strengthening the institution's reputation for excellence. For students, he stands as a constant source of motivation and inspiring figure whose dedication to teaching and learning fosters growth, confidence, and ambition. His innovative thoughts and progressive practices continue to shape MRGI into a center of holistic, future-ready education.

SMT. CH. SHALINI REDDY
DIRECTOR - MRGI



"Light your passion not just to shine, but to become a lighthouse for others in the dark."

Smt. Ch. Shalini Reddy, Director of MRGI, is a dynamic leader who plays a vital role in shaping the institution's vision for sustainable growth, innovation, and community development. With an academic foundation in Environmental Science and Rural Development, she brings a unique blend of technical understanding and social awareness to her work. Her leadership bridges the gap between modern technology and real-world community needs through various impactful initiatives.

She is deeply committed to promoting sustainable practices across the institution and encouraging the adoption of renewable energy solutions. Her passion for women's empowerment and youth development is reflected in her continuous mentorship of students and young professionals, inspiring them to pursue meaningful and socially responsible careers.

A visionary in every sense, Smt. Shalini Reddy exemplifies how compassionate leadership, combined with innovative thinking, can create transformative change. Her efforts continue to strengthen MRGI's mission of fostering well-rounded, future-ready individuals who contribute positively to society.

Malla Reddy College Of Engineering

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INSTITUTE VISION

To emerge as a Center of Excellence in higher education by producing globally competent professionals and leaders in technology, innovation, entrepreneurship, and management, who contribute meaningfully to the advancement of society and humankind.

INSTITUTE MISSION

M1: To provide a dynamic and inclusive learning environment that promotes excellence in emerging technologies and interdisciplinary education.

M2: To nurture a state-of-the-art teaching–learning ecosystem supported by innovation, research, and a strong R&D culture.

M3: To foster effective collaboration and networking with alumni, industry, reputed institutions, and other stakeholders for knowledge exchange and professional growth.

M4: To inculcate ethical values, social responsibility, and lifelong learning, encouraging commitment towards societal development.

Department of
Computer Science Engineering

DEPARTMENT VISION

To impart futuristic knowledge in Computer Science and Engineering and to produce highly skilled, innovative, and socially responsible professionals capable of contributing to industry, research, and global technological advancement.

DEPARTMENT MISSION

M1: To promote strong academic growth by providing sound foundational knowledge and exposure to state-of-the-art technologies, fostering excellence in research and development.

M2: To create a stimulating learning environment that develops analytical thinking, problem-solving abilities, and proficiency in advanced programming, using modern tools and technologies.

M3: To encourage collaborative and experiential learning through real-time projects, enhancing teamwork, communication, and interpersonal skills for improved employability.

M4: To instill high ethical standards, professional values, and social responsibility through active societal engagement.

ALIGNMENT WITH SUSTAINABLE DEVELOPMENT GOALS (SDGS)

The Faculty Development Programme on "Empowering Educators: AI Tools for Modern Pedagogy" is closely aligned with the United Nations Sustainable Development Goals (SDGs), particularly those promoting quality education, innovation, inclusivity, and lifelong learning.



SDG 4 – QUALITY EDUCATION

The FDP makes a significant contribution to SDG 4: Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all. By emphasizing faculty development, effective communication, learner-centric teaching approaches, and AI-enabled instructional practices, the programme enhanced educators' ability to deliver high-quality and engaging learning experiences.



SDG 9 – INDUSTRY, INNOVATION AND INFRASTRUCTURE

Aligned with SDG 9, the programme encouraged innovation through the adoption of AI-driven tools and digital platforms in teaching. Faculty members were introduced to modern pedagogical strategies that promote efficiency, creativity, and technological integration, fostering an innovative academic environment and responsible use of emerging technologies.



SDG 10 – REDUCED INEQUALITIES

The FDP also supports SDG 10 by promoting inclusive teaching practices, empathy-based communication, and the use of adaptive and assistive technologies. These approaches help address diverse learner needs and ensure equitable access to quality education for students from varied backgrounds and learning abilities.



SDG 17 – PARTNERSHIPS FOR THE GOALS

The collaborative participation of resource persons, faculty members across departments, and institutional leadership reflects the spirit of SDG 17. Knowledge sharing, teamwork, and collective engagement strengthened the programme's impact and highlighted the importance of partnerships in achieving sustainable educational development.

DR. ASHOK MARAM
B. TECH, M. TECH, PH.D.(CSE)
PRINCIPAL
MALLA REDDY COLLEGE OF ENGINEERING



Don’t just chase success - grow roots of values, and let your branches touch lives."

Dr. M. Ashok, Ph.D. in Computer Science with a specialization in Digital Image Processing, is a distinguished academician and an inspiring leader known for his unwavering commitment to excellence. With an impressive portfolio that includes seven authored books, 43 impactful research publications, and five patents, he continues to contribute significantly to the advancement of technology and research.

A dedicated mentor, he actively guides Ph.D. scholars and leads various innovative academic initiatives that strengthen the institution’s research culture and academic standards. Dr. M. Ashok is admired for his kind, approachable nature and his ability to maintain healthy, constructive relationships with students, parents, faculty, management, and all stakeholders.

He consistently motivates faculty members and students to strive for excellence, explore new possibilities, and achieve their highest potential. His visionary leadership and commitment to holistic growth continue to elevate the academic and professional standards of the institution.

DR. MANJUNATH GADIPARTHI
B. TECH, M. TECH, PH.D
HEAD, DEPARTMENT OF CSE



"Let your education light up your intellect, but let wisdom guide where you shine it."

Dr. Manjunath Gadiparthi, Professor & Head of the Department of CSE at Malla Reddy College of Engineering, is an accomplished academician and researcher with a distinguished record of achievements. He earned his Ph.D. from Acharya Nagarjuna University, specializing in the prediction of psychosomatic disorders using machine learning, a field that reflects his deep interest in applying AI for societal well-being.

With 17 years of extensive academic and research experience, Dr. Manjunath has published 38 research papers, contributed to impactful thematic research in mobile governance alongside international collaborators, and holds an IPR patent for his innovative work. His expertise spans several key domains, including Artificial Intelligence, Network Security, Cloud Computing, and Social Networks, making him a versatile and forward-thinking leader.

He has served in significant academic and administrative roles both in India and Ethiopia, contributing to global academic standards and diverse educational environments. Dr. Manjunath is also a Life Member of ISTE and ISCA, recognized for his meaningful contributions to teaching, research, and institutional development.

A visionary head of department, he continues to guide students and faculty toward excellence, innovation, and research-driven learning.

DR. G. SRAVANTHI
DEPUTY HEAD, DEPARTMENT OF CSE



"Education is not preparation for life; education is life itself."

I am truly proud of the remarkable milestone our department has achieved through the successful completion of the Faculty Development Programme (FDP). This initiative reflects the dedication, enthusiasm, and continuous learning spirit of our faculty members who are committed to staying updated with emerging technologies and modern pedagogical practices.

In a world driven by innovation and rapid transformation, it is essential for educators to evolve alongside the technology they teach. This FDP has not only strengthened our understanding of AI tools but has also encouraged us to embrace creativity, empathy, and adaptability in our teaching methodologies.

Let this programme serve as a reminder of how far we have come as a department and how much further we can grow when we embrace new knowledge with purpose and passion. Together, let us continue striving for excellence and creating meaningful impact in the academic and professional journeys of our students.

MS. SUFIA ENAYAT
IVTH YEAR HEAD



"What you get by achieving your goals is not as important as what you become by achieving your goals."

The successful completion of our Faculty Development Programme (FDP) marks an important step forward for our department. This initiative reflects our commitment to continuous learning and our determination to adapt to the evolving landscape of education and technology. I am proud of the enthusiasm and dedication shown by our faculty as they explored new tools, innovative teaching methods, and AI-driven approaches that will greatly benefit our students.

As we move ahead, I encourage our faculty and students to remain open to growth, embrace new ideas, and stay aligned with the values that guide us. This FDP stands as a reminder of our collective strength and our ability to evolve together. Let us continue to inspire, lead, and create a meaningful impact within our academic community and beyond.

MRS. PUSHPA JOSHI
IIIRD YEAR HEAD



"Go confidently in the direction of your dreams. Live the life you have imagined."

The successful completion of our Faculty Development Programme (FDP) stands as a testament to our department's commitment to continuous growth and academic excellence. Just as the third year serves as a bridge between learning and application for our students, this FDP has served as a bridge for our faculty connecting traditional teaching practices with emerging AI-driven methodologies.

I am proud of the enthusiasm with which our faculty embraced new tools, explored innovative approaches, and strengthened their ability to guide students in a rapidly advancing technological world. This initiative highlights our dedication to evolving as educators and to creating an environment where learning remains dynamic and impactful.

Let this FDP serve not only as a record of our progress but also as inspiration for the journey ahead. With perseverance, purpose, and an openness to change, we can continue shaping meaningful learning experiences for our students and uplift the overall academic culture of our department.

Mrs. M. Vamsi Priya
IIND Year Head



“The beautiful thing about learning is that no one can take it away from you.”

The successful execution of our Faculty Development Programme (FDP) reflects the continuous growth and evolving vision of our department. Just as the second year strengthens the foundations for students, this FDP has strengthened the foundation for our faculty equipping them with modern pedagogical tools, AI-driven techniques, and innovative methods to enhance the teaching-learning process.

I am proud of how enthusiastically our faculty embraced this opportunity to upskill themselves, explore new ideas, and adapt to the changing educational landscape. This initiative highlights our collective commitment to delivering quality education and shaping meaningful learning experiences for our students.

Let this FDP be a reminder of how far we have progressed and how much more we can achieve when we stay curious, dedicated, and open to learning. Together, let us continue building an environment where growth is constant, knowledge is shared, and every effort contributes to a brighter academic future.

Resource Person

Mrs. KAVITA HEDA
Soft Skills Trainer & Corporate Educator



“ Growth begins when we step out of comfort and into curiosity -I strive to awaken that spark in every session. ”

It was a privilege to be a part of the Faculty Development Programme at Malla Reddy College of Engineering. The dedication, openness, and enthusiasm shown by the faculty throughout the sessions truly reflect the institution’s strong academic culture and commitment to continuous improvement.

In today’s rapidly evolving educational landscape, the role of educators extends far beyond delivering lessons—it involves inspiring learners, fostering confidence, and embracing new tools that enhance the teaching-learning experience. Through this FDP, I witnessed the faculty’s proactive approach in exploring AI-driven methodologies, communication strategies, and modern pedagogical practices.

I appreciate the active participation, thoughtful discussions, and eagerness to adapt innovative approaches demonstrated by the faculty members. When teachers grow, their classrooms transform—and the impact reaches generations of students. It is heartening to see such dedication toward professional development and the willingness to create more engaging, inclusive, and future-ready learning environments.

I wish the faculty continued success in implementing these learnings and contributing to meaningful academic progress within the institution.

FACULTY DEVELOPMENT PROGRAMME (FDP) – 2025



“ Empowering Educators: A 5-Day Journey into AI Tools for Modern Pedagogy ”

The group photograph displayed here captures the faculty members and resource persons who participated in the 5-Day Faculty Development Programme on “Empowering Educators: AI Tools for Modern Pedagogy” conducted at Malla Reddy College of Engineering. This moment reflects the collective enthusiasm, dedication, and professional spirit that shaped the entire programme.

With education rapidly evolving alongside technological advancements, Artificial Intelligence is becoming an essential part of modern teaching and learning. To ensure that educators stay updated and confident in adopting these emerging tools, this FDP was designed to introduce faculty members to the practical, meaningful, and responsible use of AI in classrooms.

The participants, representing various departments across the institution, came together with a shared vision—to explore new ways of enhancing teaching effectiveness and improving student engagement. Their presence in this photograph symbolizes unity, collaboration, and a commitment to continuous learning. Throughout the five days, they actively took part in demonstrations, hands-on sessions, discussions, and workshops that focused on integrating AI into everyday pedagogical practices.

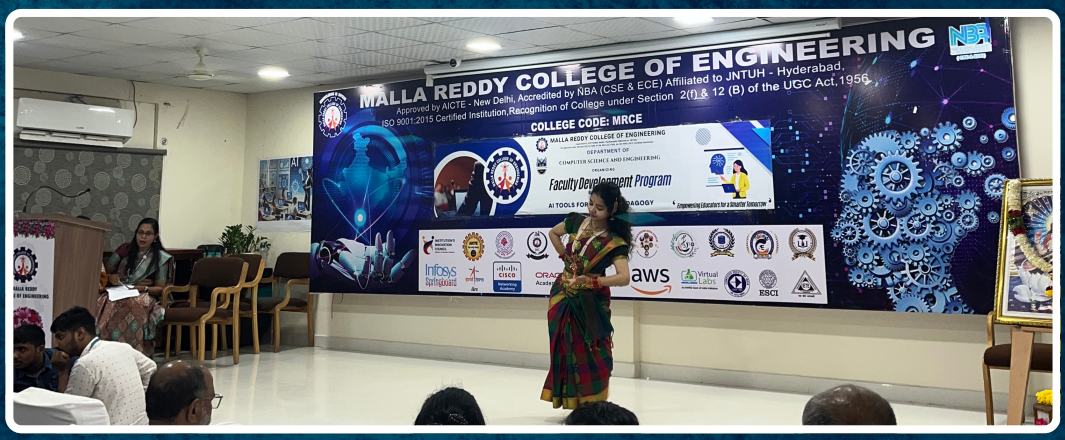
The sessions covered personalized learning tools, intelligent tutoring systems, AI-driven content creation, automated assessments, classroom management technologies, and inclusive assistive solutions. Each day encouraged educators to think creatively, experiment with digital platforms, and understand how AI can support efficiency, innovation, and improved learning outcomes.

This photograph stands as a representation of the institution’s dedication to empowering its educators. It captures not only the attendees but also their willingness to adapt to the changing landscape of education and embrace modern strategies. The unity reflected in this image highlights the institution’s strong academic culture—one that values growth, skill enhancement, and forward-thinking approaches.

As the opening page of this book, this image marks the beginning of a transformative journey. It introduces a programme that inspired collaboration, strengthened digital readiness, and prepared faculty members to integrate AI-driven techniques into their teaching. This FDP serves as a stepping stone toward a more innovative, inclusive, and future-ready academic environment.

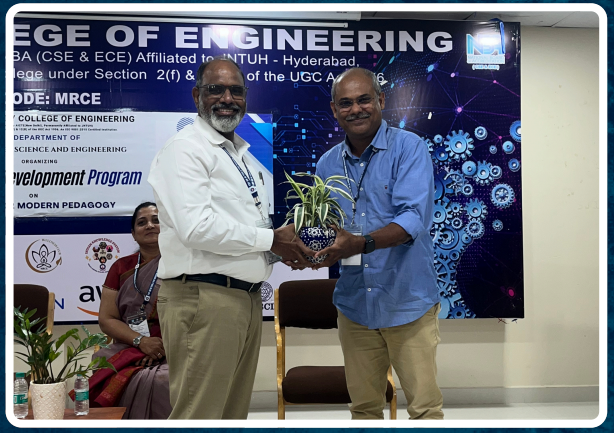
Inauguration

The FDP on “Empowering Educators: AI Tools for Modern Pedagogy” began with a formal inauguration ceremony attended by dignitaries, resource persons, and faculty members. The event opened with a warm welcome, highlighting the importance of adapting to emerging technologies in education. A graceful classical dance performance added a cultural touch to the ceremony, symbolizing tradition and creativity. Speakers emphasized the growing role of AI in modern teaching and the need for continuous faculty development. The inauguration set an enthusiastic tone for the programme, encouraging participants to engage actively, explore new tools, and embrace innovative pedagogical approaches. The session concluded with inspiring remarks, officially marking the beginning of the 5-day learning journey.









Lighting of Lamp

The inaugural programme commenced with the traditional Lighting of the Lamp, symbolizing wisdom, positivity, and the beginning of an inspiring learning journey. Dignitaries and faculty representatives came together to illuminate the ceremonial lamp, marking the formal opening of the Faculty Development Programme. This gesture reflected the institution's commitment to spreading knowledge and fostering academic excellence. The serene and meaningful ceremony set a bright tone for the sessions ahead, encouraging participants to embrace innovation, collaboration, and continuous professional growth.







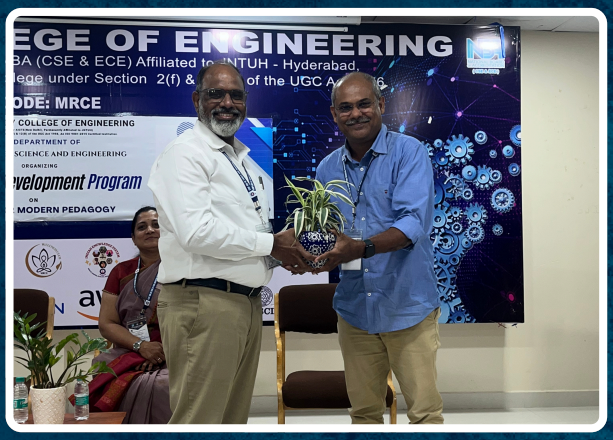


Felicitation of Dignitaries

The inaugural session included a graceful felicitation ceremony to honour the esteemed dignitaries of the event. Dr. Ashok Maram, Principal, was felicitated for his continuous guidance, support, and encouragement toward promoting innovative academic initiatives. Our distinguished guests, Ms. Kavita Heda and Mr. Radhe Shyam, were also warmly honoured for gracing the occasion and contributing their valuable expertise to the programme. Faculty representatives presented traditional tokens of respect, reflecting the institution's gratitude for their presence. The ceremony added dignity and warmth to the event, marking a memorable beginning to the FDP.







" A teacher's true power lies not in delivering lessons, but in awakening curiosity that lasts a lifetime. "

Faculty Development Session

The Faculty Development Session was led by Mrs. Kavita Heda, an experienced Soft Skills and Corporate Trainer known for her engaging and impactful training style. Her session focused on strengthening communication, enhancing classroom interaction, and improving the overall teaching-learning experience through modern approaches.

Mrs. Kavita Heda introduced faculty members to essential soft skills required in today's academic environment, including effective communication, presentation skills, professional writing, empathy, and interpersonal development. Through interactive discussions, hands-on activities, and practical demonstrations, she showcased how these skills play a crucial role in building rapport with students and creating an inclusive classroom environment.

The session encouraged educators to rethink traditional instructional methods and embrace a more learner-centric approach. Participants actively engaged in role-plays, reflective exercises, and collaborative tasks, gaining clarity on how to apply soft skills in real classroom scenarios. Mrs. Kavita's dynamic presentation, supported by real-time examples and insightful strategies, helped faculty members understand the importance of communication in achieving better learning outcomes.





Faculty Development Session's

The Faculty Development Session was led by Mrs. Kavita Heda, an experienced Soft Skills and Corporate Trainer known for her engaging, interactive, and impactful training style. Her sessions—conducted both in-person and online—focused on strengthening communication, enhancing classroom interaction, and improving the overall teaching-learning experience through modern and practical approaches.

Mrs. Kavita Heda introduced faculty members to essential soft skills required in today's academic environment, including effective communication, presentation skills, professional writing, empathy, and interpersonal development. Through interactive discussions, hands-on activities, and real-time virtual demonstrations, she showcased how these skills play a crucial role in building rapport with students and creating an inclusive classroom environment across both physical and digital platforms.

The sessions encouraged educators to rethink traditional instructional methods and embrace a more learner-centric approach. Participants actively engaged in role-plays, reflective exercises, collaborative tasks, and online interactive elements, gaining clarity on how to apply soft skills effectively in real classroom scenarios. Mrs. Kavita's dynamic presentation style—supported by relevant examples, case studies, and insightful strategies—helped faculty members understand the importance of communication in achieving better learning outcomes.

Her blended-mode sessions served as a valuable platform for educators to refine their teaching style, boost confidence, and adopt effective communication techniques that enhance student engagement in both offline and online settings. Overall, the sessions delivered by Mrs. Kavita Heda added tremendous value to the FDP, leaving participants inspired and motivated to implement these skills in their everyday teaching practices.

ONLINE SESSION



"Teaching is a very noble profession that shapes the character, caliber, and future of an individual."

-Dr. A.P.J. Abdul Kalam

Closing Ceremony of FDP

The Closing Ceremony marked the successful conclusion of the Faculty Development Programme on “Empowering Educators: AI Tools for Modern Pedagogy.” The event began with a warm acknowledgement of the collective efforts of all participants, resource persons, and organizers who contributed to making the FDP impactful and meaningful.

During the ceremony, key learnings from the five-day programme were highlighted, reflecting the enthusiasm and active participation of the faculty throughout the sessions. Participants shared their experiences, expressing how the FDP enriched their understanding of AI-driven teaching methodologies and strengthened their confidence in adopting modern pedagogical practices.

Certificates of participation were distributed to the faculty members, recognizing their commitment to professional growth and continuous learning. The dignitaries expressed their appreciation for the wholehearted involvement of the participants and emphasized the importance of integrating AI tools into everyday teaching to enhance student engagement and academic outcomes.





Leadership Insights from Dignitaries

The FDP concluded with valuable reflections and motivating insights shared by our distinguished dignitaries. **Dr. M. Ashok,** Principal, addressed the gathering with an inspiring message, appreciating the dedication of the faculty and emphasizing the need to embrace AI-driven teaching methodologies to meet the demands of modern education. His words encouraged participants to continue exploring innovative tools and to uphold the spirit of continuous learning.

Our resource person and guest, **Mrs. Kavita Heda**, shared her valuable perspectives on the evolving role of educators in today's dynamic learning environment. She highlighted the significance of effective communication, adaptability, and the integration of innovative tools to enhance student engagement. Her motivating words encouraged faculty members to apply the insights gained during the FDP and continue exploring new approaches to teaching and learning.
Their guidance added immense value to the event, leaving participants inspired, confident, and future-ready.





Recognizing and Appreciating Our Faculty

As part of the FDP, our faculty members were acknowledged for their enthusiasm, active participation, and dedication to continuous learning. Their willingness to explore new ideas, experiment with AI-driven tools, and adapt to modern teaching practices reflects their strong commitment to academic excellence. Recognizing their efforts not only motivates individual growth but also strengthens the collective vision of the department. This gesture of appreciation celebrates the hard work, passion, and collaborative spirit that each faculty member brings to the institution.













Recognizing and Appreciating Our Faculty

















STUDENT EDITORIAL BOARD



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3RD YEAR, CSE



PREETI
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JATHIN REDDY
3RD YEAR, CSE

THANK YOU



"GREAT INSTITUTIONS ARE NOT DEFINED BY INFRASTRUCTURE, BUT BY THE POWER OF THE EDUCATORS WHO BREATHE LIFE INTO LEARNING."

-DEPT OF CSE