



# MALLA REDDY COLLEGE OF ENGINEERING

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



**INDUSTRY  
INSTITUTE  
INTERACTION  
CELL**

## INDUSTRY ACADEMIA COLLABORATION

MRCE's industry-academia interaction enthuses the spirit of innovation in the budding engineers!



**ORACLE®**  
Academy

**tcs iON**



**ESCI**

**Infosys  
Springboard**



An MoE Govt of India Initiative





# CH. MALLA REDDY

FOUNDER & CHAIRMAN

Intellectuals are not born but are made. They live a trail with unmatched perseverance, rocky commitment in their principled endeavors. Visionaries' logical and reasonable encounters in their walks of life, become values, these conscientious values are irradiating millions of student fraternity and kindled their careers.

This millennium poses numerous challenges to educational institutions, who chant quality mantra. An institution of par excellence, has reached unflinching success, in its strides of imparting quality education recognized. This feat was achieved by the Chairman of MRGI, in all his humble, mesmerizing and charismatic ways.





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# PATRON

## SECRETARY



## SRI. CH. MAHENDER REDDY

**Mr. Mahender Reddy** is carrying forward the pioneering legacy of his visionary father, Mr. Ch. Malla Reddy. All the assignments or pursuits he shoulders are punctuated with distinctions. This multifaceted personality in write enthusiastic in bringing laurels to MRGI in its continuing saga of success. He is redefining the etiquette of the quality education with an indomitable team spirit. In treading the path of his father he is blazing the way, with a trail of achievements and accomplished goals. For students, he is a sustainable source of inspiration with hallmarked practice of teaching and learning process.

## SMT. CH. SHALINI REDDY

**Smt. Ch. Shalini Reddy** is a highly accomplished leader with a distinction in Master's in Business Administration (MBA) and has a remarkable track record of achievements, showcasing her exceptional leadership in steering the institution to new heights. Shalini madam envisions the institution as a hub for developing future leaders and innovators.

## EXECUTIVE DIRECTOR





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# PATRON

## PRESIDENT



## SRI. CH. BHADRA REDDY

**Dr. Ch. Bhadra Reddy**, President, MRGI is highly qualified professional with an M.D. degree in medicine. By his youthful presence and with a proactive approach, he tirelessly endeavours to shape the destiny of the student community by imparting quality education in a conducive environment thereby motivating the students to successfully meet the contemporaneous needs of the industry.

## VICE-CHAIRMAN

## SMT. CH. PREETI REDDY

**Dr. Ch. Preeti Reddy**, Vice-Chairman of Malla Reddy Vishwavidyapeeth (MRV), Hyderabad, is a dynamic leader dedicated to advancing healthcare standards and driving organizational growth. With an MBBS and MD in General Medicine from Dr. D.Y. Patil Medical College, Pune, she earned a gold medal for academic excellence, reflecting her commitment to excellence and innovation in the medical field.





# DR. M. ASHOK

## PRINCIPAL



Dr. M. Ashok is a highly experienced and accomplished educator with a proven track record of success in leadership roles. He is a strategic thinker with a strong focus on results. He is also an effective communicator and collaborator who is able to build relationships and get things done.

Dr. M. Ashok is passionate about education and is committed to providing students with the best possible learning experience. His innovative academic leadership focused on engaging with students and educators to meet learning objectives and drive students' all-round progress

He is passionate about education and is committed to providing students with the best possible learning experience. His innovative academic leadership focused on engaging with students and educators to meet learning objectives and drive students' all-round progress

He has a kind and approachable demeanour, and he maintains a healthy and productive relationship with all stakeholders, including students, parents, employees, management, and other stakeholders. He encourages the faculty and students to succeed in their endeavours.

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# DR. V. VIVEKANANDHAN

Dean-IIIC



Vivekanandhan VijayaRangan is an Associate Professor in the Department of Computer Science & Engineering and Dean EDC & IIIC at Malla Reddy College of Engineering, Secunderabad, Hyderabad, India. He has more than 13 years of experience in teaching and research.

His research interests include Wireless Sensor Networks (WSN), Computational Complexity, Artificial Intelligence, and Machine Learning, with a particular focus on Deep Learning and Convolutional Networks. He has a strong background in Web, Java, and Python Programming and has taught numerous courses in these areas.

He has published extensively in reputed international journals and conferences and has been involved in various academic and administrative responsibilities, including coordinating innovation activities, maintaining institutional websites, and organizing seminars and workshops.

Additionally, he has guided over 200 students in their B.E. and M.E. projects and played active roles in R&D and accreditation processes. Dr. Vivekanandhan VijayaRangan is also recognized for his contributions as a mentor in the Smart India Hackathon and has received multiple awards and recognitions for his teaching and research excellence.



# FACULTY COORDINATORS



Dr. K. Madhan Mohan  
Professor  
CSM



Mr. G. M. Subhani  
Assistant Professor  
CSE



Mrs. Naru Divya Jyothi  
Assistant Professor  
ECE



Mr. Sajin R Nair  
Assistant Professor  
CSD



Mrs. Priya Pachouri  
Assistant Professor  
IT



# FACULTY COORDINATORS



Mr. C. Dinesh  
Assistant Professor  
CSM



Mr. B. Srinivas  
Assistant Professor  
CSE



Mr. P. Bala Suresh Reddy  
Assistant Professor  
ECE



Mr. R. Harish Kumar  
Assistant Professor  
CSD

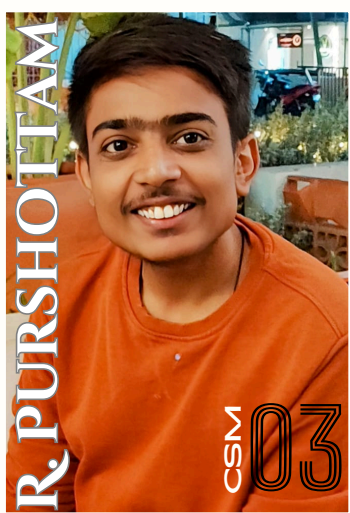


Bandari Rajesh  
Assistant Professor  
CSE



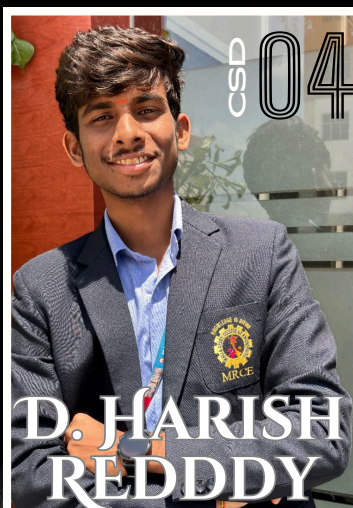
# COORDINATORS

## IIC



# COORDINATORS

## IIC







# COORDINATORS



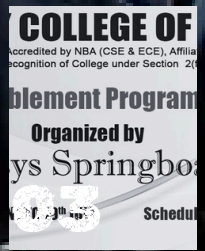
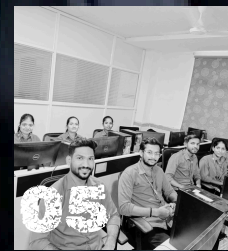
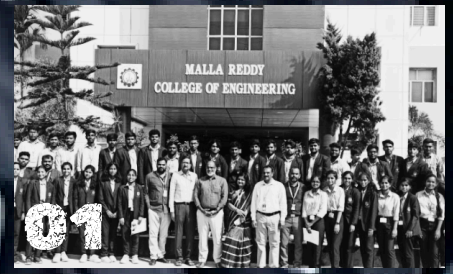
# COORDINATORS





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DEPARTMENT OF HUMANITIES AND SCIENCES (H&S)

ARK INFOSOLUTIONS PVT LTD

# INDUSTRY ALLIANCE PROGRAM

## AUGMENTED REALITY & VIRTUAL REALITY

Redefining Realities: The Future of AR & VR Unveiled



Immersing Minds, Transforming Realities: Insights  
from the AR & VR Industry Alliance Program.





# THE ALLIANCE OF AR & VR

## Shaping Tomorrow's Tech Leaders Through Immersive Innovations

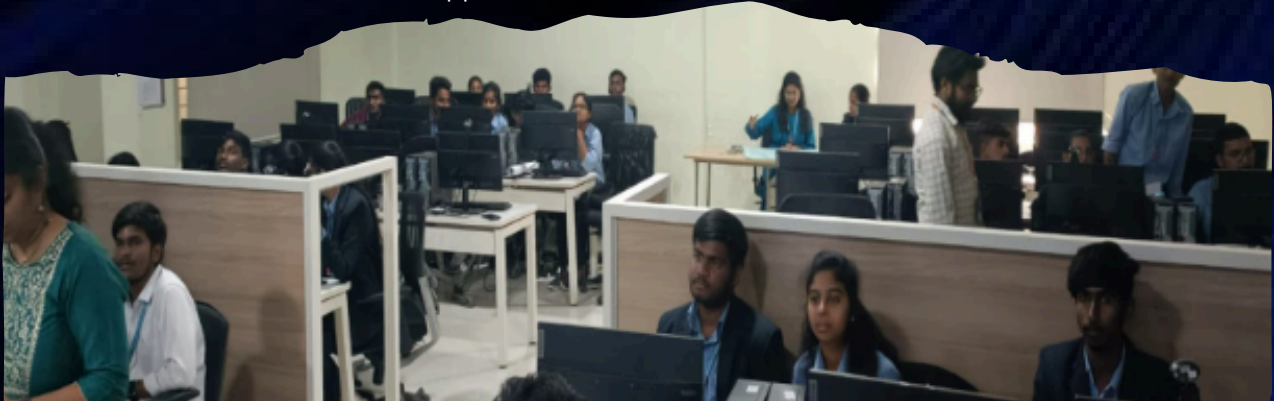
The AR & VR Industry Alliance Program, conducted at Malla Reddy College of Engineering (MRCE) in collaboration with **ARK Infosolutions** and **Fusion VR**, was a remarkable initiative aimed at exposing students and faculty to the latest advancements in immersive technologies. Held from February 26 to March 3, 2024, this program offered an in-depth understanding of augmented reality (AR) and virtual reality (VR), bridging the gap between academia and industry needs.

The AR & VR Industry Alliance Program was brought to life by a dedicated team of organizers and esteemed individuals. Led by the Department of Humanities and Sciences at MRCE, the event featured key contributions from Principal Dr. M. Ashok, who provided unwavering support and guidance.

Dr. A. Athiraja and Dr. N. Rajeswaran, along with the organizing secretary Dr. V. Vivekanandhan, ensured seamless coordination and execution. The program also benefited immensely from the expertise of resource person Mr. Mohith Vamsi Manne from ARK Infosolutions, whose interactive sessions enriched participants with practical insights and real-world applications.

The alliance program provided a unique platform to delve into the transformative power of AR and VR technologies. Key features included: Hands-on certification courses in AR and VR. Expert-led sessions on cutting-edge topics like Unity3D and Unity2D game development, AR fundamentals, and advanced VR applications for Industry 4.0. Collaborative efforts with industry pioneers ARK Infosolutions and Fusion VR, ensuring participants gained industry-relevant skills.

Additionally, the tireless efforts of faculty members and the enthusiastic participation of students made this initiative a resounding success. The collaboration with ARK Infosolutions and the active involvement of experienced professionals, such as Mr. K. Lalith Kumar, further enhanced the program's quality, creating a dynamic and engaging learning environment.





# Short Term Training Program

## MAKER LAB ON WHEELS

In Collaboration with

Infosys  
Springboard





# MAKER LAB ON WHEELS

LEARNING BEYOND BOOKS, INNOVATING FOR  
THE FUTURE



The core mission of the Maker Lab on Wheels was to cultivate a culture of innovation, adaptation, and design thinking among participants. Through engaging workshops and projects led by experts, students gained practical exposure to various engineering concepts and emerging technologies.

## TECH EMPOWERMENT

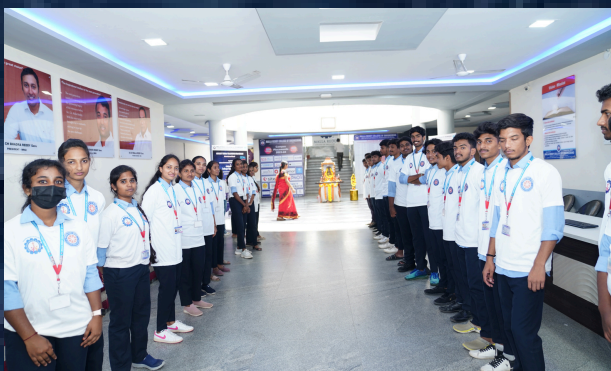
The Short Term Training Program: Maker Lab on Wheels organized by Malla Reddy College of Engineering (MRCE) in collaboration with Infosys Springboard was a pioneering initiative aimed at nurturing the design thinking and adaptive learning capabilities of young minds. This event was conducted at the MRCE campus from September 18 to September 23, 2024, and exemplified the college's commitment to enriching the educational experiences of its students. This collaboration emphasized the importance of practical, hands-on learning and technological proficiency to prepare students for a future in a rapidly evolving job market.





photo

Gallery





# FACULTY ENABLEMENT PROGRAM

JULY  
19TH - 24TH  
2024

**MRCE**  
in Collaboration with

Free access to self-  
learning materials.

Infosys  
Springboard



## MALLA REDDY COLLEGE OF ENGINEERING

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ISO 9001:2015 Certified Institution, Recognition of College under Section 2(f) & 12 (B) of the UGC Act, 1956.

### Faculty Enablement Program Phase 3

Organized by

Infosys Springboard

Infosys  
Springboard

- Artificial Intelligence
- Java Programming
- DevOps

**Duration:** 24<sup>th</sup> JUNE TO 19<sup>th</sup> JULY

**Schedule:** 10:30am to 5:00pm

ARTIFICIAL  
INTELEGEENCE

JAVA  
PROGRAMMING

DEV OPS





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# MRCE-INFOSYS COLLABORATION

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19, July, 2024

● <https://mrce.in/infosys.html>

● MRCE X INFOSYS

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## Malla Reddy College of Engineering (MRCE) - Infosys Springboard Partnership

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To realize its educational vision, MRCE aims to integrate cutting-edge skill development subjects into their engineering curriculum through collaboration with Infosys Springboard. This initiative necessitates that the faculty of all MRCE-affiliated institutions are proficient in the latest technologies to effectively train students in industry-relevant skills. Infosys Springboard, which offers a vast repository of over 12,000 courses, has launched an initiative to support this goal.



Consequently, MRCE and Infosys Springboard have signed a Memorandum of Understanding (MoU) to leverage the Infosys Springboard program for enhancing the digital skills of both faculty and students at MRCE.

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## The Benefits of This Partnership

### Key Highlights of MRCE:

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Free access to self-learning materials, videos, assignments, projects, and more.

Industry-relevant certifications

Professional skill development courses.

Opportunities to participate in faculty enablement programs, master classes, and events organized by Infosys Springboard.

- State-of-the-Art Infrastructure.
  - Experienced Faculty
  - Industry Collaboration
  - Research and Development
  - Holistic Development
  - Placement Support
-



**JULY, 2024**

# **STUDENT ENABLEMENT PROGRAM**

**PYTHON  
PROGRAMMING**

In Collaboration With

**Infosys  
Springboard**



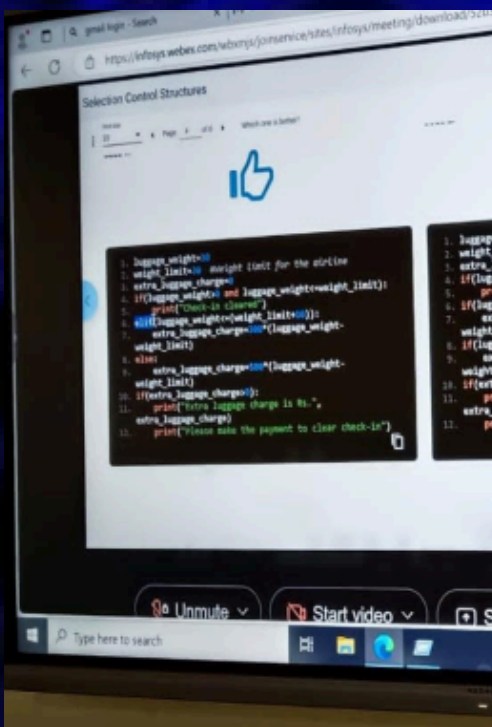
**INFOSYS & MRCE  
PIONEERING THE PATH  
TO SUCCESS**

**WANT TO LEARN THE SKILLS TOP  
COMPANIES ARE LOOKING FOR?  
WHAT IF YOU COULD EXPLORE  
12,000+ COURSES TAILORED TO  
YOUR INTERESTS?**



# Empowering Students with Infosys

“Unlocking Potential, Empowering Futures”



Dive into a realm where creativity knows no bounds and innovation is the norm. Our latest initiative celebrates the limitless potential of imagination, offering a canvas for ideas that push the boundaries of conventional thinking. Here, every project is an opportunity to explore uncharted territories and bring visionary concepts to life, turning the extraordinary into reality.

Join us in this exciting adventure where the only limit is your imagination. Embrace the freedom to experiment, innovate, and reinvent, and discover how far your creativity can take you. Together, we will chart new paths, redefine possibilities, and unlock the full spectrum of creative potential. By engaging with a community of like-minded visionaries, you'll gain fresh perspectives and collaborative opportunities that elevate your creative pursuits. Our platform provides the resources and support you need to turn your boldest ideas into reality, making this journey a transformative experience for all involved.

As you delve into this vast creative landscape, each challenge is a chance for growth and discovery. Our supportive network encourages collaboration and celebrates diverse perspectives, ensuring every voice is valued. With the freedom to experiment without limits, you can push beyond traditional boundaries and innovate in surprising ways. Embrace this journey of exploration, where your ideas can evolve and flourish, and connect with others who share your passion. Engaging with this dynamic community not only leads to personal breakthroughs but also helps shape the future of art and design in transformative ways.

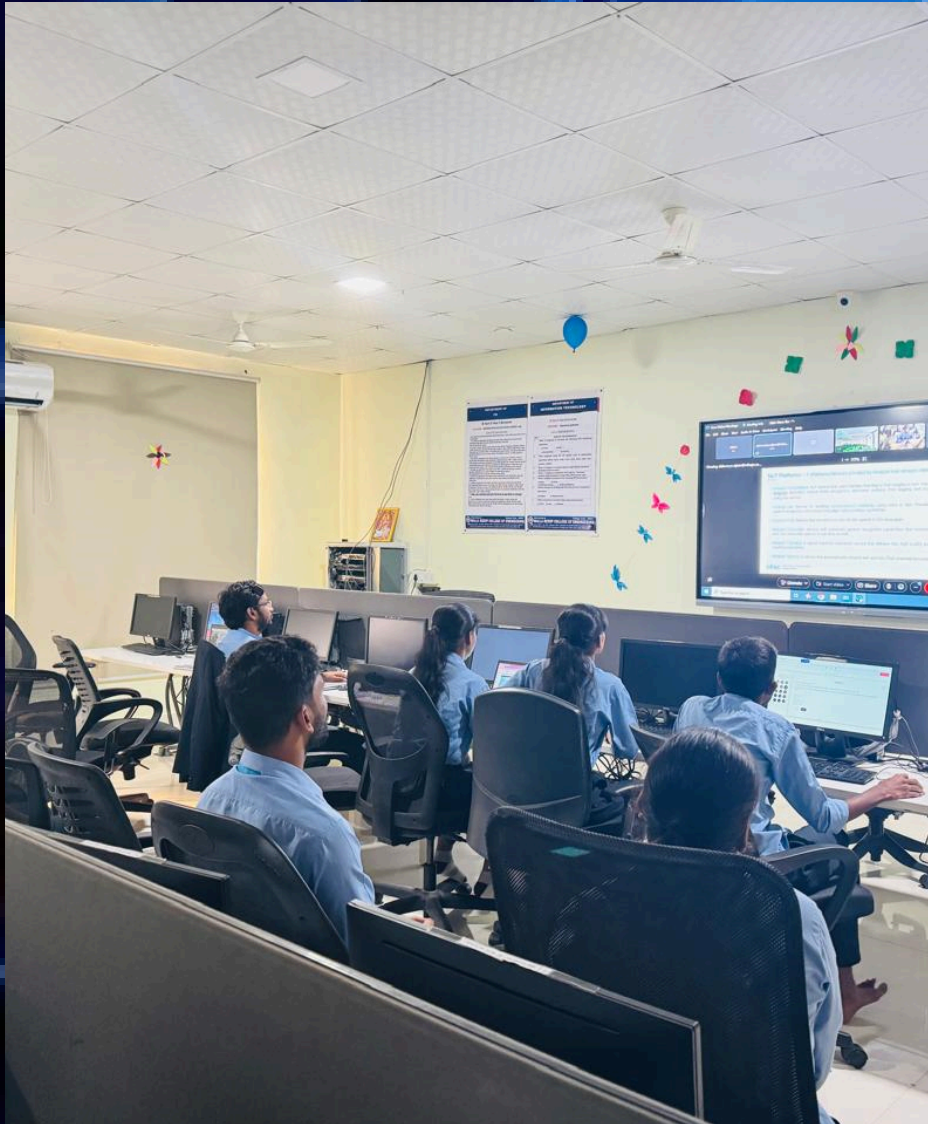


# STUDENT ENABLEMENT PROGRAM

In Collaboration With

**Infosys**  
Springboard

## GENERATIVE AI



## BUILDING TOMORROW WITH GENERATIVE AI

In this article published in Nature, researchers discuss recent breakthroughs in the study of dark matter, a mysterious substance that constitutes a significant portion of the universe's mass but has eluded direct detection



# FROM LEARNING TO LEADING WITH INFOSYS SPRINGBOARD

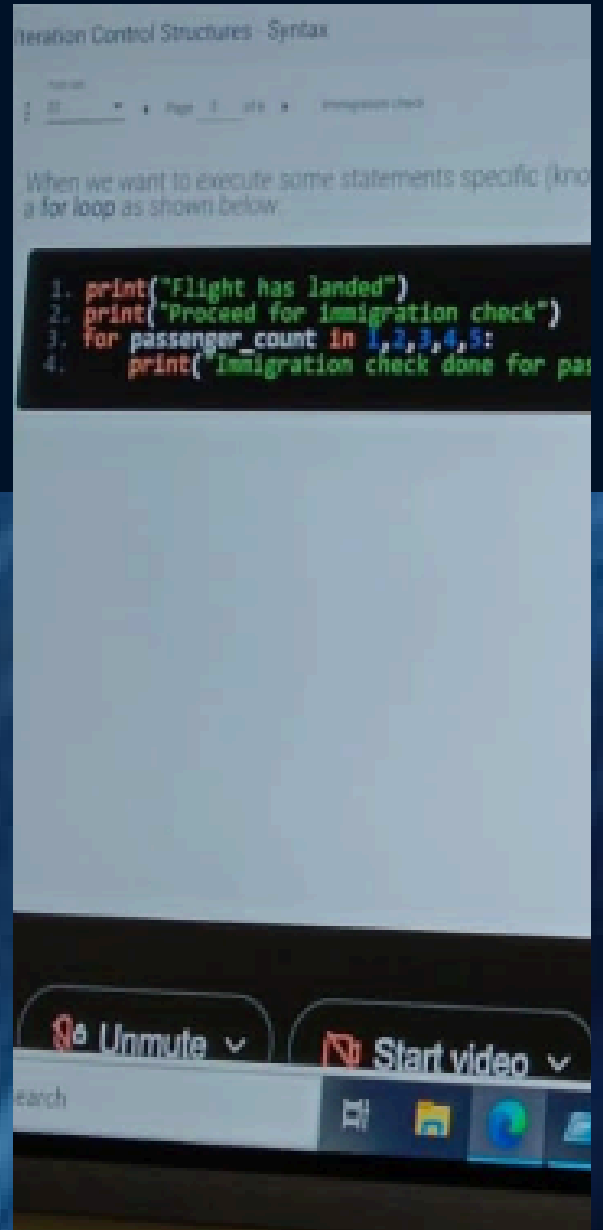
LEARN AI, BUILD THE  
FUTURE

Infosys  
Springboard



Malla Reddy College of Engineering (MRCE) successfully conducted a Student Enablement Program on Generative AI in collaboration with Infosys Springboard, aimed at equipping students with cutting-edge skills in artificial intelligence. The program brought together young, curious minds to explore the transformative power of Generative AI and its applications in shaping the future of technology and innovation.

Infosys Springboard, a renowned platform for skill development, played a crucial role in designing and delivering a curriculum that blended theoretical knowledge with hands-on experience.



Students walked away with valuable skills, certifications, and a renewed enthusiasm for pursuing careers in the field of AI and technology.

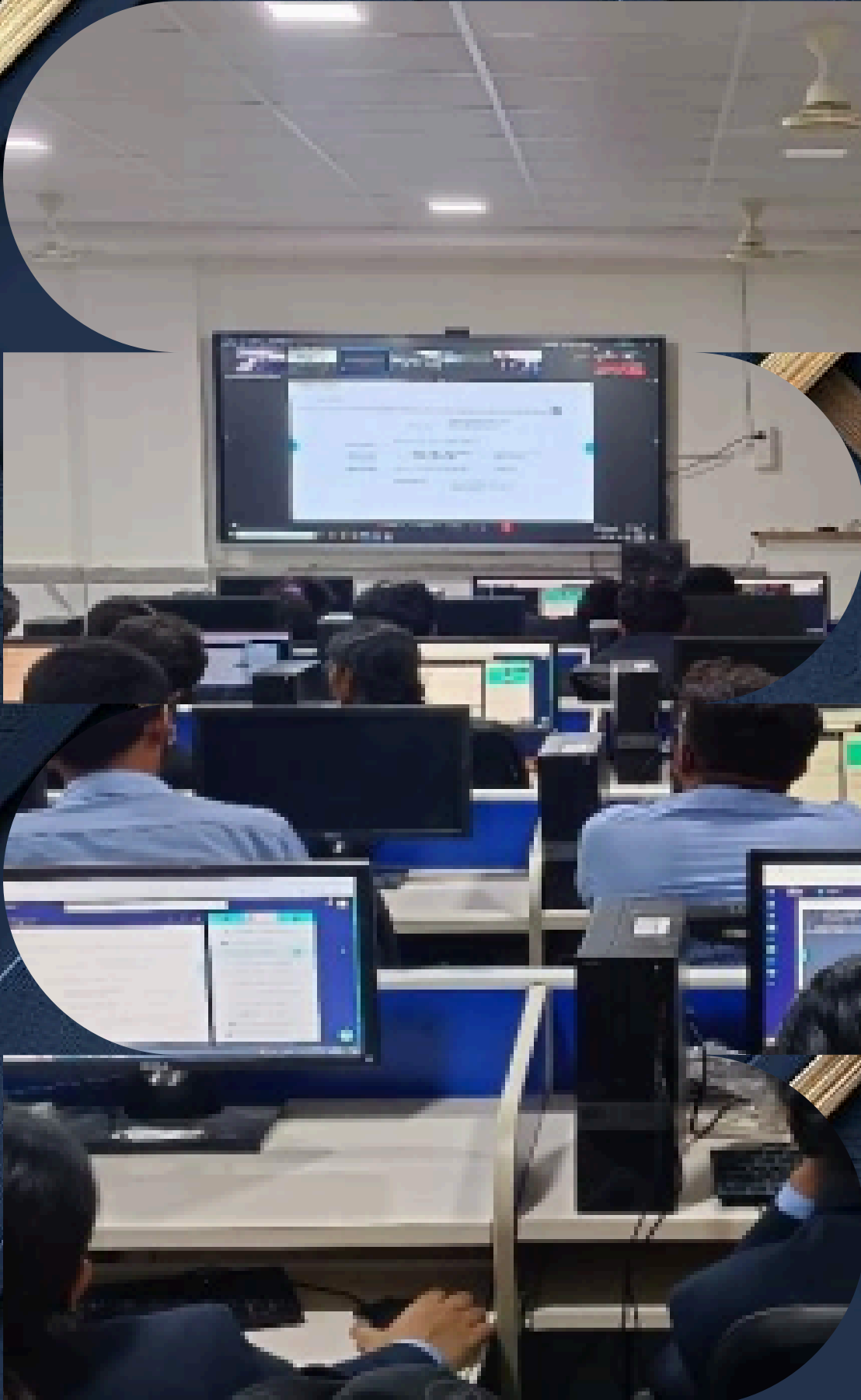
Where Learning Meets Innovation



# Student Enablement Program

IN  
COLLABORATION  
WITH

**Infosys**  
**Springboard**



ENABLING  
YOUNG MINDS  
FOR AN AI-  
DRIVEN WORLD



# INNOVATIVE LEARNING



## AI Skills for Tomorrow's Innovators

Malla Reddy College of Engineering (MRCE) successfully organized a Student Enablement Program on Artificial Intelligence in collaboration with Infosys Springboard. This initiative aimed to provide students with essential knowledge and skills in Artificial Intelligence (AI), preparing them to excel in the ever-evolving technological landscape.

The program focused on introducing students to the fundamentals of AI and its real-world applications, fostering innovation, and encouraging creative problem-solving. Delivered through an engaging and interactive format, the sessions provided participants with a deep understanding of AI concepts, tools, and techniques.

Infosys Springboard, a leading platform for education and skill development, brought its expertise to the program, offering students access to high-quality learning materials, hands-on activities, and expert guidance. The curriculum covered a wide range of topics, including:

- Introduction to AI and Machine Learning
- AI Tools and Applications
- Practical Use Cases of AI
- Future Trends in Artificial Intelligence

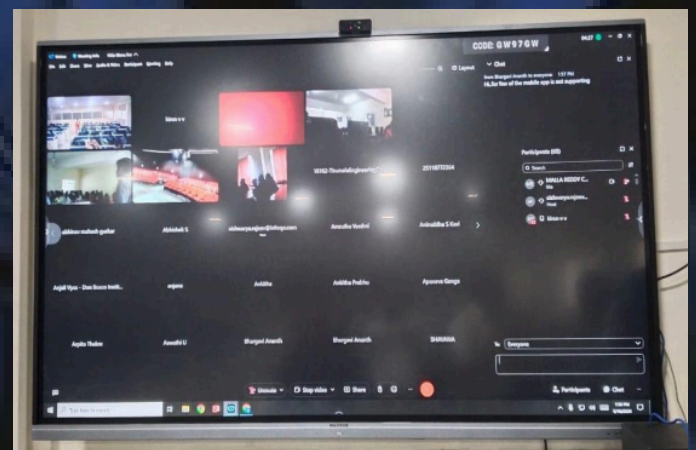
## Bridging Knowledge and Innovation with AI

The program not only focused on theoretical knowledge but also emphasized hands-on learning, allowing students to explore AI tools and platforms, experiment with AI-based solutions, and understand the transformative impact of AI across industries.

Through this enablement program, students gained valuable insights into the potential of AI and its ability to revolutionize industries such as healthcare, finance, education, and beyond. The collaboration with Infosys Springboard ensured that students received the best learning resources and were equipped with future-ready skills.

This initiative reflects MRCE's ongoing commitment to empowering students with cutting-edge knowledge and preparing them to thrive in an AI-driven world. By bridging the gap between education and industry, the program served as a stepping stone for students to explore the exciting opportunities that AI has to offer.

**"AI is not just a technology; it is the foundation for the future. At MRCE, we are proud to lead the way in preparing students to harness its potential and drive innovation."**





SHAPE THE FUTURE OF TECH



**Unlock Potential, Build with Azure**

*Explore innovation and unlock  
the power of Azure to shape  
the future of technology*



# AZURE DEV DAY

Discover the future of development through the power of the cloud

INSPIRING THE NEXT GENERATION OF DEVELOPERS TO  
LEAD WITH INNOVATION





# Azure Dev Day

Unlock limitless opportunities with  
Microsoft Azure

Empowering  
students to  
innovate, build,  
and transform  
with Azure



## INSPIRING THE INNOVATORS OF TOMORROW

Malla Reddy College of Engineering (MRCE) proudly hosted Azure Developers Day on 12th September 2024, an exciting and impactful event organized in association with the Microsoft Azure Developers Community and managed by Reskill.

The event, held at the Seminar Hall, featured engaging sessions from prominent speakers, including Mrs. Ankita Singh (Technical Consultant 2, Microsoft), Mrs. Nethra K. (Senior Consultant, Microsoft), and Mr. Pavan Kumar M. (Microsoft Azure Community Lead). Their insightful talks covered a range of topics, such as GitHub Copilot, Microsoft 365 Copilot, and building custom solutions using MS Copilot Studio. These sessions provided attendees with invaluable knowledge on how to leverage modern tools for innovation and development. In addition to the inspiring talks, the event highlighted the Microsoft Student Developer Pack and its various opportunities for young learners.







# AZURE DEVELOPERS DAY

Unleash the  
Power of Azure,  
Shape the Future  
of Tech.

Elevating Developers, One  
Cloud at a Time.





# Azure Unleashed

MRCE hosted the highly anticipated Azure Developers Day, a comprehensive event managed by Reskill. This day-long celebration of technology was highlighted by the inauguration of the Innovation Club and featured insightful sessions led by distinguished speakers from Microsoft. Nethra K., Purushotham Chanda, and Shravya Bandaru, all accomplished consultants at Microsoft, shared their knowledge and expertise on cloud computing, technological innovation, and the vast possibilities of Microsoft Azure. Their sessions inspired the student audience to explore the potential of cloud technologies and stay ahead in the rapidly evolving tech landscape.

The Azure Developers Day was a unique blend of learning and inspiration, creating a platform for students to interact with industry experts and gain insights into the practical applications of cutting-edge technologies. The event, organized in collaboration with the Microsoft Azure Developers Community, drew a large audience eager to deepen their understanding of cloud technologies and innovation.





# Infosys Springboard

## SUMMIT 2024

— Empowering Digital Innovators of Tomorrow —

Empowering  
Educators

Inspiring  
Innovation

Education  
Beyond Limits.

Infosys | Springboard  
**SUMMIT 2024**  
— Empowering Digital Innovators of Tomorrow —



Nurturing Digital Natives:  
Technical Education for the Future



**Dr. M C Sudhakar**

Hon'ble Minister for Higher Education,  
Government of Karnataka.





# SUMMIT 2024

**ADVANCING DIGITAL  
LEARNING NATIONWIDE**



Malla Reddy College of Engineering (MRCE) proudly participated in the Infosys Springboard Summit 2024, a flagship event that brought together educators, industry leaders, and students to explore the transformative potential of education and technology. The summit, hosted by Infosys Springboard, served as a platform to celebrate innovation, collaboration, and the power of digital learning.



The Infosys Springboard Summit 2024 focused on enabling students and educators to embrace future-ready skills through interactive sessions, thought-provoking discussions, and showcases of cutting-edge technologies. Attendees gained insights into emerging trends in technology, leadership development, and the role of AI and automation in reshaping industries.

With such initiatives, MRCE continues to pave the way for students to become industry-ready professionals, equipped with the skills and knowledge to excel in an ever-evolving technological landscape.





**MAKER  
BHAVAN  
FOUNDATION**

**itic**  
IIT HYDERABAD  
TECHNOLOGY INCUBATION CENTER

# Academic Interaction with Industry



COLLABORATION WITH MAKER BHAVAN FOUNDATION THROUGH IITH





Challenge

Collaborate

Create

# ACADEMIC SYNERGY

Hands-on Learning, Minds-on Innovation



Tinkerers' Labs are 24/7, student-managed makerspaces that enable students to experiment, exercise imagination, work together in multidisciplinary groups, toy with ideas, tinker with tools, build novel systems and convert concepts and ideas to tangible engineering products.



The Labs are equipped with the latest desktop manufacturing equipment like 3-D printers, laser cutters, milling machines, vinyl cutters, a fully-equipped electronics section and a variety of tools and machines necessary for any type of fabrication. To date, 10,000 students have benefited from access to eleven labs across colleges in India.





# Signature Unveiled

## **MALLA REDDY COLLEGE OF ENGINEERING** **INDUSTRY INSTITUTE INTERACTION CELL** **Industry Academia Collaboration**

**MRCE's industry-academia interaction enthuses the spirit of innovation in the budding engineers!**



## **MALLA REDDY COLLEGE OF ENGINEERING**

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ISO 9001:2015 Certified Institution, Recognition of College under Section 2(f) & 12 (B) of the UGC Act, 1956.



# Logo Launch

identity defined

Inspire Innovation

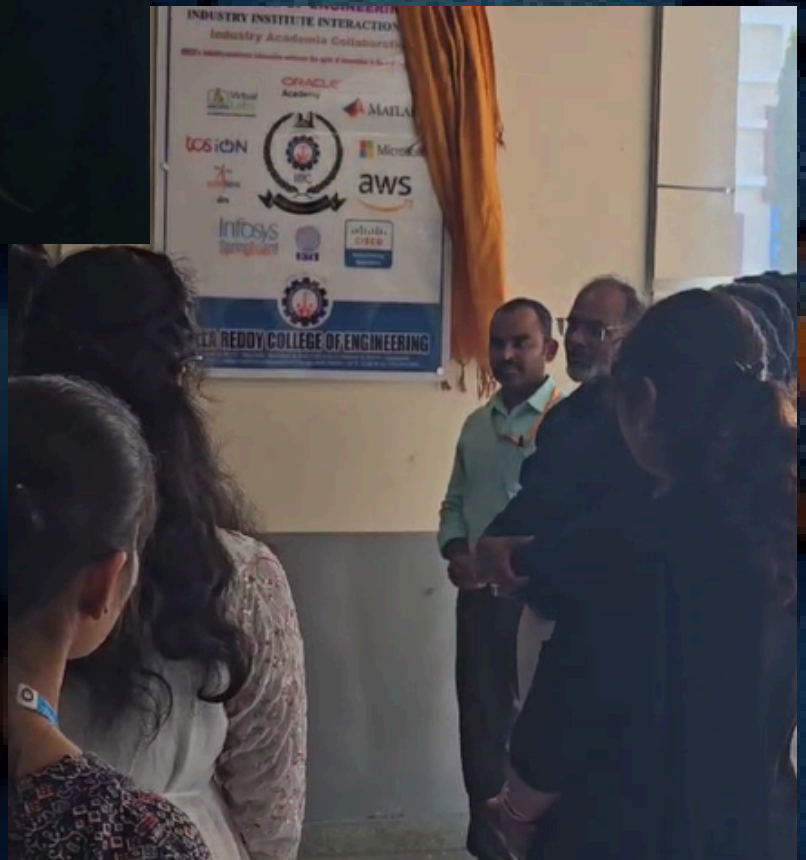
Imagine Beyond

## A clear vision for excellence

Malla Reddy College of Engineering proudly unveiled the glass board logo for the Institution's Innovation and Incubation Centre (IIIC) on the second week of November. This significant event marked a new chapter in fostering creativity, entrepreneurship, and cutting-edge research within the college.



The IIIC at MRCE aims to provide a platform for students and faculty to collaborate on groundbreaking projects, develop prototypes, and transform ideas into impactful solutions. The unveiling of the glass board logo reinforces the institution's dedication to excellence in education and innovation. This momentous occasion serves as a reminder of MRCE's commitment to fostering an environment where ingenuity thrives, making the Institution's Innovation and Incubation Centre a beacon of progress and inspiration.





# FOSTERING GROWTH THROUGH COLLABORATIVE INITIATIVES



Collaborative  
Growth

Program	Departments					Departments				
	No. of Registrations					No. of Completions				
	CSE	CSM	CSD	ECE	IT	CSE	CSM	CSD	ECE	IT
Infosys Springboard	312	304	412	223	91	416	339	345	450	110
Infosys Springboard-Maker Lab on Wheel	126	102	101	100	21	126	83	98	186	21
TCS-ION	224	190	83	78	54	366	561	62	150	23
Learnathon	-	01	73	85	-	-	01	-	444	-
Indian Institute of Remote Sensing	01	-	6	77	3	01	-	3	35	-

Malla Reddy College of Engineering (MRCE) has always been at the forefront of promoting industry-relevant skills and knowledge among students. Through its Industry Institute Interaction Cell (IIIC), the institution has successfully collaborated with industry leaders to deliver impactful programs.



# Internship Achievers



J.N.V. Sai  
Harshaaditya



R. Prem  
Shekar

K.Venkata Gopi  
Krishna Sai



M. Nithin



G. Harshini



D. Chaitanya  
Sri

Dhagai Rithik



Gaddam  
Shanthi







M. Sunil



Niharika

T. Pavani



B. Bhavani



Jampula  
Ashritha



Joseph  
Satharasi

K. Sruthi



A. Chandhu



P. Harshitha



# Internship Achievers



ANAND

ANAND

ANAND

ANAND

ANAND



The

EDITORS



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CSE-HOD

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AI&ML-HOD

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CSD-HOD

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IT-HOD

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ECE-HOD



---

DEAN IIIC

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PRINCIPAL





# MALLA REDDY COLLEGE OF ENGINEERING



**"SUCCESS IS  
WHEN YOUR  
SIGNATURE  
CHANGES TO AN  
AUTOGRAPH."**

**- A.P.J. Abdul Kalam**