



MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
(UGC-AUTONOMOUS INSTITUTION)



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NAAC Accredited with A+ Grade, NIRF India Rankings 2024 - Band: 201-300 (Engg.)

NBA Accredited - B.Tech. (CIVIL, CSE, ECE, EEE, MECH, CST), MBA & MCA

DEPARTMENT OF COMPUTER APPLICATIONS

Report on Five-Days Skill Development Program

Report Submitted by Mrs. Suganya.S, Assistant Professor, MCA

Title: Five Days Skill Development Program on “Next-Gen Tech

Skills: Building Expertise in Emerging IT Trends”

Dates: 7th –11th April, 2025

**Organized by: Department of Computer Applications in association
with Skill Development Cell**

Venue: Seminar Hall C, MITS

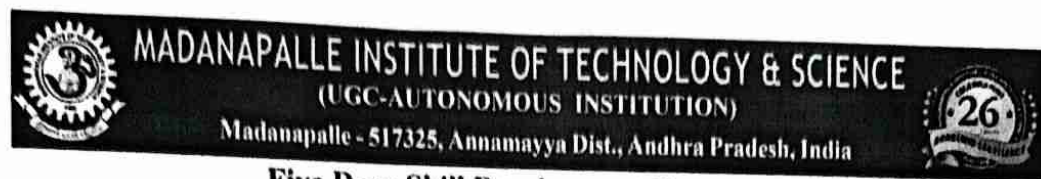
**Guest Resource Person: Mr. S. Sivagnanam, Director, HIIQ
Software Solutions Pvt. Ltd., Adyar, Chennai, Tamil Nadu, India.**

Inaugural Session:

The Skill Development Program series commenced with a warm welcome address by **Dr. N. Naveen Kumar**, Head of the Department of Computer Applications, MITS. He emphasized the importance of staying abreast with emerging IT trends and the role of such skill development programs in bridging the gap between academia and industry.

Following the welcome address, **Mrs. S. Suganya**, Assistant Professor, Department of Computer Applications, MITS, introduced the

esteemed guest speaker, Mr. S. Sivagnanam, highlighting his extensive experience and contributions to the IT industry.



Five Days Skill Development Program

on

"Next-Gen Tech Skills: Building Expertise in Emerging IT Trends"

Organized by

Department of Computer Applications

in association with Skill Development Cell

Date : 07/04/2025 - 11/04/2025

Time : 10:00 AM to 3:00 PM

Venue : Seminar Hall - C

Target Audience : MCA Students



MR. S. SIVAGNANAM

DIRECTOR OF HIQ SOFTWARES SOLUTIONS PVT LTD
NO:63, KAMARAJ AVE 1ST ST, RUKMANI NAGAR,
ADYAR, CHENNAI, TAMIL NADU 600020

Chief Patron	Patron	Program Chair	Convenor	Coordinator
Dr. N. Vijaya Bhaskar Choudary Secretary & Correspondent	Mrs. Keerthi Nadella Executive Director	Dr. C. Yuvaraj Principal	Dr. N. Naveen Kumar HOD - Dept. of MCA	Mrs. S. Suganya Asst. Prof/ Dept. of MCA

www.mits.ac.in

Day-wise Session Details:

Day 1: April 7, 2025 – Introduction to Emerging IT Trends

Mr. Sivagnanam provided an overview of the rapidly evolving IT landscape, discussing the significance of emerging technologies such as Artificial Intelligence (AI), Machine Learning (ML), Cloud Computing, and Cybersecurity. He emphasized the need for continuous learning and adaptability in the face of technological advancements.

Day 2: April 8, 2025 – Deep Dive into Artificial Intelligence and Machine Learning

The session focused on the fundamentals of AI and ML, exploring their applications across various industries. Mr. Sivagnanam demonstrated how AI and ML are transforming sectors like healthcare, finance, and manufacturing, and discussed the skills required to excel in these domains.

Day 3: April 9, 2025 – Cloud Computing and Its Applications

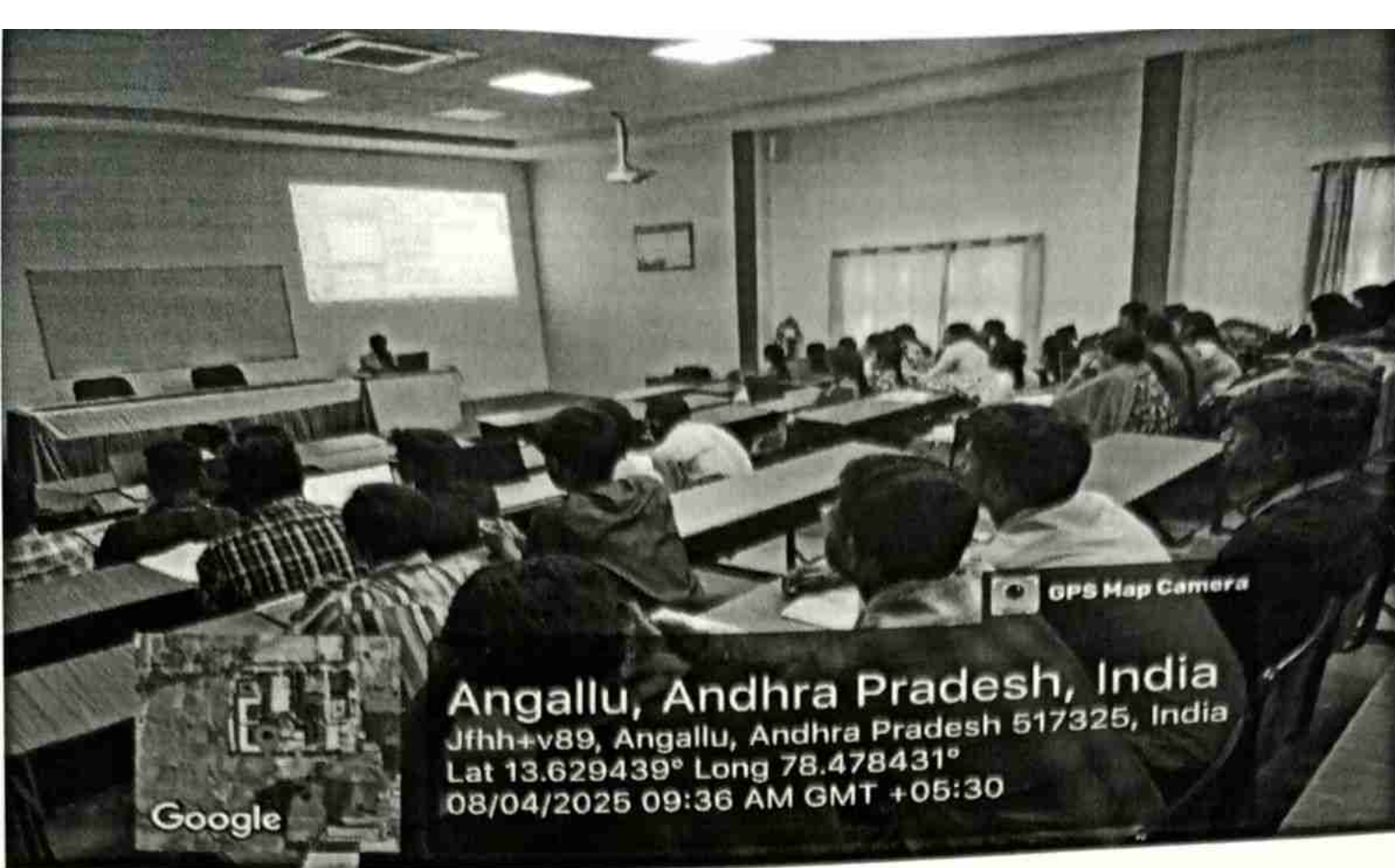
Participants were introduced to the concepts of cloud computing, including Infrastructure as a Service (IaaS), Platform as a Service (PaaS), and Software as a Service (SaaS). The session covered the benefits of cloud adoption, such as scalability, cost-efficiency, and flexibility, and included hands-on demonstrations of cloud platforms.

Day 4: April 10, 2025 – Cybersecurity in the Modern Era

This session highlighted the growing importance of cybersecurity in the digital age. Mr. Sivagnanam discussed common cyber threats, security protocols, and best practices for protecting data and systems. He also touched upon the career opportunities in cybersecurity and the skills needed to pursue them.

Day 5: April 11, 2025 – Integrating Emerging Technologies

The final day focused on the integration of various emerging technologies to create innovative solutions. Mr. Sivagnanam presented case studies demonstrating the convergence of AI, cloud computing, and cybersecurity in real-world applications. He encouraged students to think critically about how these technologies can be combined to address complex challenges.



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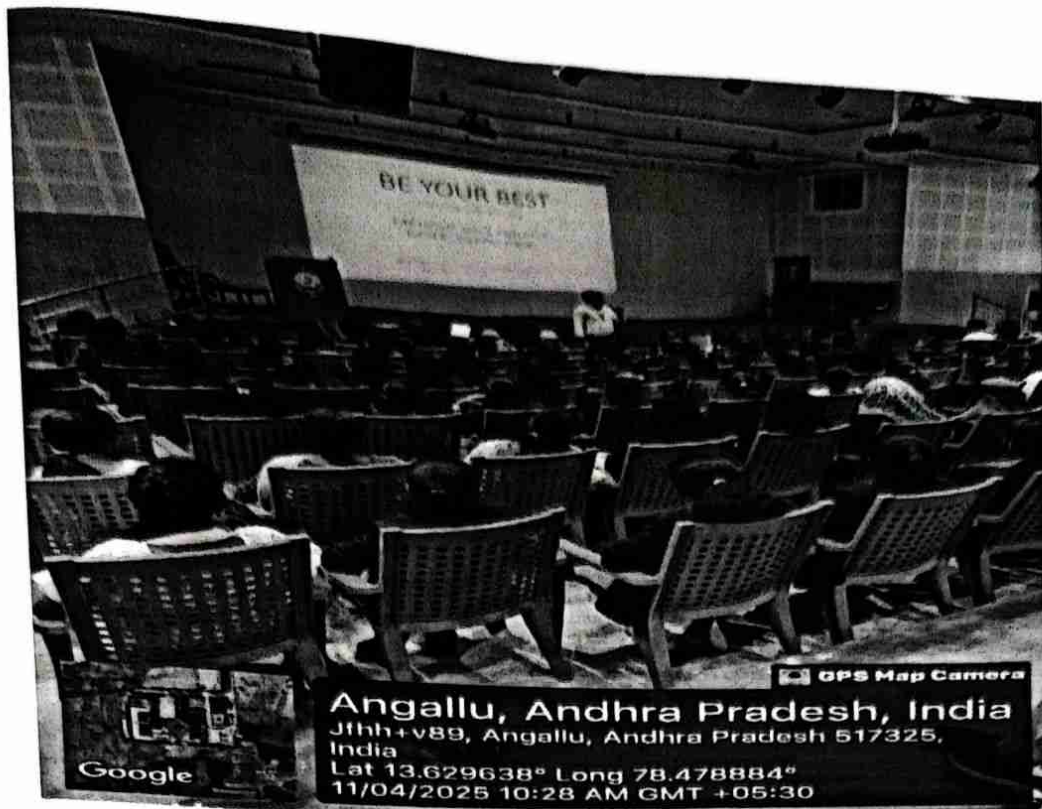
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Outcomes:

- Enhanced understanding of current and emerging IT trends among participants.
- Exposure to practical applications of AI, ML, cloud computing, and cybersecurity.
- Inspiration to pursue careers in cutting-edge technology domains.
- Recognition of the importance of continuous learning and upskilling in the IT industry.

Acknowledgments:

We extend our heartfelt gratitude to **Mr. S. Sivagnanam** for his invaluable insights and engaging sessions throughout the skill development program series. Appreciation is due to the Skill Development Cell and all faculty members who contributed to the successful organization of the program.

Conclusion:

The Five-Days Skill Development Program series on "Next-Gen Tech Skills: Building Expertise in Emerging IT Trends" provided MCA students with a comprehensive understanding of the current technological landscape. The sessions equipped participants with knowledge and inspiration to pursue careers in emerging IT fields, aligning with industry demands and future opportunities. The vote of thanks given by Dr. Mohd Sakib, Assistant Professor, Department of Computer Applications, MITS.



Faculty Incharge

S. Suganya,

AP/MCA, MITS

SDC - Coordinator.



HOD/MCA

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