MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE

(UGC-AUTONOMOUS INSTITUTION)
Affiliated to JNTUA, Ananthapuramu & Approved by AICTE, New Delhi
NAAC Accredited with A+ Grade
NBA Accredited - B.Tech. (CIVIL, CSE, CST, ECE, EEE, MECH) MBA & MCA

A Report on Career Guidance session on
"Navigating the Path to Full-Stack Mastery: Building Your Career as a Versatile Developer"
Organized by Department of Computer Science & Technology
in association with IETE Students Forum (ISF), MITS
07.03.2025 (Friday)

Report submitted on 11.03.2025
Submitted by: Mrs.P.Jayaselvi, Assistant Professor, Department of CST
Organized by: Mrs.P.Jayaselvi, Assistant Professor, Department of CST
Resource Person Details: Mr. Gokul Kumar Vishwanathan, Hysteresis Pvt.Ltd Founder and CEO,Pune, Maharashtra, India.
Participants: Attendance: Around 85 participants from III CST A, B, C
Venue: Classroom - WB321
Mode: Offline

Department of Computer Science & Technology has organized **"Career Guidance session on "Navigating the Path to Full-Stack Mastery: Building Your Career as a Versatile Developer in association with IETE Students forum(ISF), on 07.03.2025** from 2:00PM to 5:00 PM in Classroom -WB321.

WELCOME ADDRESS

The session began at 2:00 PM with an inspiring welcome address delivered by Ms. P. Jayaselvi, Assistant Professor, Department of CST at Madanapalle Institute of Technology & Science (MITS), Madanapalle. Ms. P.Jayaselvi highlighted the primary objective of the Career Guidance session, focusing on the significance of Career Path and Growth as a Full-Stack Developer.
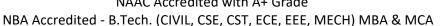
Mr. Gokul Kumar Vishwanathan, Hysteresis Pvt.Ltd Founder and CEO, started his session briefing on "Navigating the Path to Full-Stack Mastery: Building Your Career as a Versatile Developer" would emphasize the essential skills and knowledge required to become a proficient full-stack developer. It covers the balance of front-end and back-end

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expertise, including mastering technologies like HTML, CSS, JavaScript, React.js, and server-side programming languages like Node.js or Python. A full-stack developer should also be adept in database management, API integration, version control (Git), and deployment using tools like Docker and cloud services. The session highlights the importance of hands-on experience, portfolio building, and continuous learning, while also exploring emerging trends such as serverless architecture and AI integration in development. Ultimately, the session provides a roadmap for developers to grow from entry-level to senior roles, equipping them with the skills, resources, and career strategies needed to thrive in the ever-evolving tech landscape.

Key Highlights:

- Introduction to Full-Stack Development
- Key Skills for Full-Stack Developers
- Tools and Technologies
- Design and Architecture Patterns
- Building a Full-Stack Application
- Career Path and Growth as a Full-Stack Developer
- Industry Trends and Future of Full-Stack Development

OUTCOMES:

The outcome of the session on "Navigating the Path to Full-Stack Mastery: Building Your Career as a Versatile Developer" is to equip participants with a clear understanding of the skills, tools, and strategies required to become a successful full-stack developer. Attendees will gain insights into both front-end and back-end development, including key technologies like HTML, CSS, JavaScript, React.js, Node.js, and database management. The session will also emphasize the importance of continuous learning, hands-on experience, and building a strong portfolio. By the end, participants will have a practical roadmap for advancing from junior to senior developer roles, with a deeper understanding of industry trends and best practices. They'll also learn how to leverage tools like Git, Docker, and cloud platforms for efficient development and deployment, and gain an awareness of emerging technologies that are shaping the future of full-stack development.

Vote of thanks:

The session was concluded with a vote of thanks delivered by Ms. Kumudini Naidu Boya, III A, Department of CST. In her address, she expressed heartfelt gratitude to the resource person Mr. Gokul Kumar Vishwanathan, Hysteresis Pvt.Ltd, Founder and CEO, as well as the faculty members and students of the Department of CST, for their efforts in organizing the Career Guidance session.