

A Report on **Guest Lecture** Revolutionizing Software Development on Event-Driven Micro Services Architecture 12 August 2022

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
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Madanapalle-517325, Chittoor Dist., Andhra Pradesh

One day Online Guest Lecture on
"Revolutionizing Software Development on Event-Driven Micro services Architecture"

Resource Person
Dr.S.Ramamoorthy
Associate Professor
SRM Institute of Science and Technology
Chennai

Date: 12.08.2022 (Friday)
Time: 10:00 am To 12:00 pm

Chief Patron: Dr. N Vijaya Bhaskar Choudary, Secretary & Correspondent
Patron: Mrs. Keerthi Nadella, Executive Director
Program Chair: Dr. C Yuvaraj, Principal
Co-Chair: Dr. M Sreedevi, Professor & HOD / CST
Convener: Dr.R.Manikandan, Assistant professor / CST

Department of Computer Science & Technology

Submitted by Dr.Manikandan R, Associate Professor, Department of CST.

Resource Person details:

Resource Person: Dr. Manikandan R
Designation: Associate Professor
Department: CSE
Organization: SRMIST, Chennai
Participants: III year CST
Attendance: 90 participants (Internal)
Venue: Seminar Hall – B, MITS, AP
Mode: Online

Department of Computer Science and Technology, has organized Guest lecture on " Revolutionizing Software Development on Event-Driven Micro Services Architecture " on 12-08-2022 (Friday), 10:00 am.

Aim of the Guest Lecture:

The guest lecture titled "Revolutionizing Software Development on Event-Driven Micro Services Architecture" aimed to provide a comprehensive understanding of the transformative impact of event-driven microservices architecture on contemporary software development practices. The primary objective was to familiarize students with the underlying concepts, principles, and practical applications of this innovative approach to designing and implementing software systems.

Topic Covered by Resource Person:

Dr. Ramamoorthy S, a distinguished Professor at SRMIST Chennai renowned for his expertise in software architecture and cloud computing, led the session. Dr. Ramamoorthy provided an in-depth exploration of event-driven microservices architecture, elucidating its fundamental principles, design considerations, and real-world implementations. Drawing from his extensive experience and research in the field, he illustrated the importance of adopting event-driven architectures in modern software development paradigms, particularly in the context of cloud computing environments.

Question and Answer Session:

Following Dr. Ramamoorthy's insightful presentation, the audience actively engaged in a vibrant question and answer session. Students demonstrated their eagerness to delve deeper into the topic by posing thought-provoking queries related to the practical implementation challenges, scalability considerations, and performance optimizations associated with event-driven microservices architectures. Dr. Ramamoorthy, with his profound knowledge and clarity of explanation, addressed each question comprehensively, fostering an environment conducive to interactive learning and knowledge exchange.

Outcome of the Guest Lecture:

The guest lecture on "Revolutionizing Software Development on Event-Driven Micro Services Architecture" yielded significant educational benefits for the attendees. Students gained a holistic understanding of the foundational concepts and emerging trends in software architecture, particularly in the context of event-driven microservices. The session served as a catalyst for stimulating discussions and critical thinking, inspiring students to explore innovative approaches to software design and development.

The Department of Computer Science & Technology extends its sincere appreciation to Dr. Ramamoorthy S for his invaluable contributions to the academic enrichment of our students. We also express our gratitude to all participants for their active participation and enthusiastic engagement throughout the guest lecture. Moving forward, we remain committed to fostering an environment of continuous learning and professional development within our academic community.