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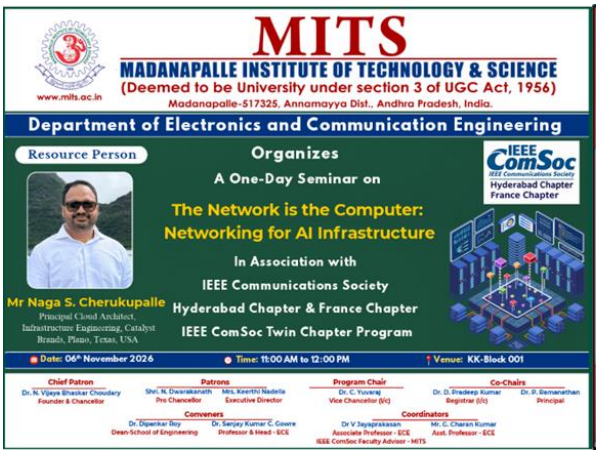
NAAC Accredited with A+ Grade, NIRF India Rankings 2025 - Band: 201-300 (Engg.)
NBA Accredited - B.Tech. (CIVIL, CSE, ECE, EEE, MECH, CST), MBA & MCA

A Report on One-day Seminar titled "The Network is the computer: Networking for AI Infrastructure" Organized by Department of Electronics and Communication Engineering In association with IEEE Communications Society Hyderabad Chapter & France Chapter under IEEE ComSoc Twin Chapter Program On 06.11.2026





Report Submitted by: Dr V Jayaprakasan, Associate Professor, Department of ECE & Mr C Charan Kumar, Assistant Professor, Department of ECE
Venue: Seminar Hall - A
Time: 11:00 AM–12:15 PM
Mode of Conduct: Offline
Attendees Count: 90
Report Received on 15.11.2026

The Department of Electronics and Communication Engineering (ECE), MITS Deemed to be University, Madanapalle, organized a **One-Day Seminar titled "The Network is the Computer: Networking for AI Infrastructure"** on **06th November 2026**, from **11:00 AM to 12:00 PM**, at **KK Block, Room No. 001**.

The seminar was organized by ECE in association with the **IEEE Communications Society (ComSoc), Hyderabad Chapter and France Chapter**, under the **IEEE ComSoc Twin Chapter Program**.

The resource person for the seminar was **Mr. Naga S. Cherukupalle, Principal Cloud Architect, Infrastructure Engineering, Catalyst Brands, Plano, Texas, USA**. He delivered an insightful session on the evolving role of computer networks in supporting Artificial Intelligence (AI) infrastructure.

During the seminar, the resource person highlighted the importance of advanced networking technologies, cloud infrastructure, high-performance connectivity, and scalable network architectures in modern AI applications. He explained how networking plays a vital role in enabling AI workloads, data processing, cloud computing, and communication between distributed systems.
The session provided students with valuable insights into the integration of networking and Artificial Intelligence, emerging industry trends, and the importance of developing technical skills in cloud computing and network infrastructure. The interactive session also helped students understand the growing career opportunities in networking and AI-related domains.

The talk also emphasized the evolving role of networking in connecting GPUs, servers, storage systems, and distributed computing resources to ensure efficient AI model training and deployment. The session provided valuable insights into emerging networking trends and the opportunities available for students to develop skills in networking and AI infrastructure. The programme was informative and provided participants with a better understanding of the convergence of networking and Artificial Intelligence, encouraging them to explore emerging technologies and industry-relevant career opportunities.

Learning Outcomes

After attending the seminar, the students were able to:

- Understand AI Networking: Gain knowledge of the importance of computer networks in supporting Artificial Intelligence infrastructure.
- Explore Cloud Infrastructure: Understand the role of cloud computing and infrastructure engineering in deploying AI applications.

- Learn Advanced Networking Concepts: Gain insights into high-speed connectivity, scalable network architectures, and modern networking technologies.
- Understand Distributed Systems: Learn how networks facilitate communication and data exchange between distributed computing systems.
- Explore Industry Applications: Understand the practical applications of networking technologies in AI, cloud computing, and data processing.
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Vote of Thanks:

It is my privilege and honour to propose the Vote of Thanks on the occasion of the One-Day Seminar on "The Network is the computer: Networking for AI Infrastructure", organized by the Department of Electronics and Communication Engineering in association with IEEE Communications Society (ComSoc), Hyderabad Chapter and France Chapter, under the IEEE ComSoc Twin Chapter Program.

First and foremost, I express my sincere gratitude to our distinguished resource person, Mr. Naga S. Cherukupalle, Principal Cloud Architect, Infrastructure Engineering, Catalyst Brands, Plano, Texas, USA, for sparing his valuable time and sharing his extensive knowledge and professional experience with our students. Sir, your insightful presentation on networking for AI infrastructure, cloud computing, and emerging networking technologies has provided our students with valuable industry exposure and inspiration.

On behalf of the Department of Electronics and Communication Engineering, we express our heartfelt gratitude to the Management of **MITS Deemed to be University** for their constant encouragement and support in organizing the One-Day Seminar on "The Network is the computer: Networking for AI Infrastructure" on 06.11.2026.

I extend my heartfelt thanks to our respected Vice Chancellor (I/c), Dr. C. Yuvaraj, for his valuable guidance and encouragement. I also express my sincere gratitude to our Registrar (I/c), Dr. D. Pradeep Kumar, and Principal, Dr. P. Ramanathan, for their continuous support and encouragement.

My special thanks to Dr. D. Dipankar Roy, Dean, School of Engineering, and Dr. Sanjay Kumar C. Gowre, Professor and Head, Department of ECE, for their guidance and support in organizing this seminar.

I would also like to thank Dr. V. Jayaprakasan, Associate Professor, ECE and MITS IEEE ComSoc Faculty Advisor, for his valuable coordination and efforts in making this programme successful. Finally, I extend my sincere thanks to all the faculty members, organizing team, and students for their active participation and cooperation.