R.V.Institute of Technology & Management

(Affiliated to Visvesvaraya Technological University, Belagavi and Approved by AICTE, New Delhi))
J.P.Nagar 8th phase. Bangalore

Department of Electronics and Communication Engineering
2024-2025

Event Name	NDLI Club Event: Technical Talk on Advancements in Computer Networks and Protocols.
Theme	Bridging the Gap Between Modern Networking Technologies and Student Skills
Date	28th April 2025
Venue	First Floor seminar Hall, RVITM, Bengaluru.

Objectives of the Event:

- To understand the evolution of computer networks – tracing the journey from traditional wired networks to modern high-speed wireless and optical networks.

- To explore the latest networking protocols and standards – including IPv6, Software-Defined Networking (SDN), 5G/6G integration, and emerging IoT communication protocols.

- To analyse challenges and solutions in modern networking – such as latency reduction, scalability, energy efficiency, congestion control, and cybersecurity.

- To highlight applications of advanced network technologies – in areas like cloud computing, edge computing, data centers, smart cities, and autonomous systems.

- To encourage innovation and research in next-generation networks – inspiring students to identify open problems and potential project/research opportunities in computer networking.

Faculty Coordinator/s:
Dr Shalini J, Assistant Professor, Dept of ECE.
Dr Venugopal B T, Assistant Professor, Dept of ECE.

POs addressed: PO1, PO2, PO3, PO9, PO10

Photos:


Geo-Tagging Camera
2025/04/28 10:52
Bengaluru,Karnataka,India
Brokery Haven, 69, Brookes Haven Layout, 8th Phase, J. P. Nagar,
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About the Event: The NDLI Club successfully organized a technical talk on "Advancements in Computer Networks and Protocols" on 28th April 2025 from 10:00 AM to 11:00 AM. The session was conducted by Mr. Sandesh C. Naik, a seasoned professional currently serving as a Senior Network Engineer at Bell Integration.

The event witnessed active participation from over 100 attendees, including students, faculty members, and tech enthusiasts. Mr. Naik delivered an insightful presentation covering recent developments in networking technologies, emerging protocols, and their real-world applications. Topics such as IPv6 adoption, and network security trends were highlighted.

The session concluded with an interactive Q&A segment, where participants engaged with the speaker on current challenges and career prospects in the field of networking. The talk was highly informative and appreciated by the audience for its depth and practical relevance.

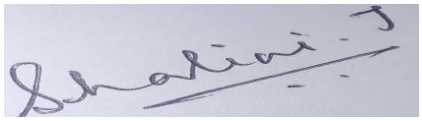
Addressing the GAP:

Example:

- Exposure to Modern Protocols and Technologies.
- Skill Development for Industry Readiness.
- Nurturing of Talent.

Preferable Measurable outcomes: Students will be able to

- Identify and explain modern network protocols.
- Relate IPv6 adoption and security trends with practical scenarios.
- Describe emerging networking technologies.
- Identify industry expectations and career pathways in networking.



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