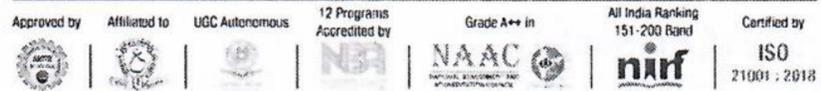




**CHAITANYA BHARATHI
INSTITUTE OF TECHNOLOGY**

An Autonomous Institute | Affiliated to Osmania University
Kokapet Village, Gandipet Mandal, Hyderabad, Telangana-500075, www.cbit.ac.in



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**Report on the Inaugural of IEEE CBIT Student chapters
Communications Society (ComSoc), Nanotechnology Council,
Aerospace & Electronics Systems Society (AESS)**

&

**Two-Day Workshop on “CISCO Routing and Switching
Masterclass”**

The poster features the IEEE Hyderabad Section and IEEE ComSoc logos at the top. The main title reads "A 2 DAYS WORKSHOP ON HIGH SPEED ROUTING AND SWITCHING CONCEPTS IN DATA COMMUNICATION AND NETWORKING USING CISCO PACKET TRACER". It lists two speakers: Dr. C. Kumar, Chair of IEEE ComSoc, and Dr. V. Jayaprakashan, a Senior IEEE member. The event is scheduled for October 28th and 29th, 2025, at TPO Lab 2. Contact information for Praneeth (9100236886) and Srinithi (8106661457) is provided, along with a QR code for registration.

Dates: 28th & 29th October 2025

Duration: 2 Days

Venue: Assembly hall, TPO Lab-2, Chaitanya Bharathi Institute of Technology (Autonomous)

Organized by: Department of Computer Engineering and Technology, CBIT (A)

In Association With: IEEE Communications Society (ComSoc), Hyderabad Section

Details of the Inaugural:

The IEEE Societies Inaugural Programme was successfully conducted on 28 October 2025 by the Department of Computer Engineering and Technology, CBIT (A). The event formally marked the inauguration of three prestigious IEEE student chapters:

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- IEEE Communications Society (ComSoc)
- IEEE Nanotechnology Council
- IEEE Aerospace & Electronics Systems Society (AEES)

The inaugural session aimed to familiarize students and faculty with the vision, objectives, and professional scope of these IEEE societies. It emphasized the role of IEEE in fostering technical competence, research orientation, professional ethics, and global networking opportunities, thereby encouraging active student participation in technical activities, conferences, and research initiatives.

Details of the Workshop:

In conjunction with the inaugural ceremony, a two-day technical workshop titled “CISCO Routing and Switching Masterclass” was organized on 28th and 29th October 2025 at TPO Lab-2, CBIT (A).

The workshop was conducted under the guidance of Prof. Sangeeta Gupta (Convener) and coordinated by Mrs. N. Sujata Gupta and Mrs. Ch. Srilakshmi, with active involvement from the student organizing committee. The program was designed to bridge the gap between theoretical networking concepts and real-world implementation, aligning with current industry requirements.

The workshop aimed to bridge theoretical concepts with practical applications in the domain of computer networks and communication systems, providing participants with hands-on exposure to Cisco Packet Tracer and essential networking principles.

Objectives of the Workshop

The primary objectives of the workshop were to:

- Strengthen foundational knowledge in computer networking concepts
- Provide hands-on exposure to Cisco-based networking tools
- Enable participants to design, configure, and analyze LAN and WAN architectures
- Familiarize participants with routing mechanisms and intermediate networking devices
- Enhance practical problem-solving skills using simulation-based learning

Chief Patrons and Organizing Committee:

- **Chief Patron:** Sri. N. Subash, President, CBIT (A)
- **Patron:** Prof. C. V. Narasimhulu, Principal, CBIT (A)
- **Convener:** Prof. Sangeeta Gupta, Head, Department of CET
- **Coordinators:** Mrs. N. Sujata Gupta and Mrs. Ch. Srilakshmi, Assistant Professors, Department of CET

Advisory Committee:

Prof. K. Krishnaveni,
Prof. P. V. R. Ravindra Reddy,
Prof. P. Ravinder Reddy,
Prof. Umakanta Choudhary,
Prof. A. D. Sarma,
Prof. N. V. Koteswara Rao,
Prof. Suresh Pabboju,
Prof. P. Prabhakar Reddy,
Prof. D. Krishna Reddy,
Prof. B. Linga Reddy,
Dr. N. L. N. Reddy.

Student Organizing Committee:

Praneet Bende,
A. Srinithi Reddy,
Sathvika Cheelamanthula,
Amrutha Varshini,
L. Vardhan Reddy,
Ch. Pawan Mohit,
Mehul Agarwal,
Talamala Abhinaya,
Natalie Sasha Thadmalla,
Sri Sadhana Medha Challa

Resource Persons:**1. Dr. C. Kumar**

Chair, IEEE Communication Society, Hyderabad Section
Associate Professor, MITS, Madanapalle, Andhra Pradesh
Cisco Trained Instructor since 2010

2. Dr. V. Jayaprakasan

Treasurer, IEEE Hyderabad Section
Professor, ECE Department, SNIST, Hyderabad
Cisco Trained Instructor since 2006

Workshop Overview:

The two-day workshop was meticulously structured to deliver both conceptual clarity and practical proficiency in modern computer networking technologies.

Day 1 focused on strengthening theoretical foundations, covering key topics such as:

- Wired and wireless communication paradigms
- OSI and TCP/IP reference models
- IP addressing schemes and subnetting concepts



- Functional roles of intermediate networking devices, including switches and routers

Day 2 emphasized experiential learning through extensive hands-on sessions using Cisco Packet Tracer. Participants actively designed and simulated LAN and WAN networks, configured static and dynamic routing protocols, and analyzed packet flow and network behavior in real time. This approach enabled learners to visualize networking concepts and gain industry-relevant practical skills.

Session Details:

Day 1 (28th October 2025) – Conducted by Dr. V. Jayaprakasan

| Time | Topic |
|-----------------|----------------------------------------------------------|
| 9:30 – 12:00 PM | Inaugural Event |
| 1:00 – 1:40 PM | Wired & Wireless Communication – A Closer Look |
| 1:45 – 2:30 PM | Overview of the OSI Model & TCP/IP Model |
| 2:40 – 3:20 PM | Addressing Concepts in Data Communication & Networking |
| 3:30 – 4:00 PM | Functions of Intermediate Devices (Switches and Routers) |

Day 2 (29th October 2025) – Conducted by Dr. C. Kumar

| Time | Topic |
|------------------|---------------------------------------------------------------|
| 9:00 – 9:40 AM | Introduction to Cisco Packet Tracer and LAN/WAN Network Setup |
| 9:40 – 10:30 AM | Static & Dynamic Routing Protocols – Hands-on Session |
| 10:30 – 11:20 AM | Building LAN & WAN Networks – Practical Session |
| 11:20 – 12:00 PM | Understanding Switch and Router Functions – Practical Session |




Number of Participants:

The workshop received enthusiastic participation from faculty members, research scholars, and students across various departments. In total, over 70 participants registered for the event, including both IEEE and non-IEEE members.

- **IEEE Members:** ₹100 registration fee
- **Non-IEEE Members:** ₹150 registration fee

Registrations for the event:

| Form Responses | | | |
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| 7 | 10/26/2025 16:58:54 | Ibrahim Syed Ahmed | 160124749038 |
| 8 | 10/26/2025 17:03:47 | Medha Challa | 160124749003 |
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| 11 | 10/26/2025 17:04:52 | TEJAVATH BHASKAR | 1601-24-749-057 |
| 12 | 10/26/2025 17:07:03 | Kadarla Ramya Sri | 160124749009 |
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| 14 | 10/26/2025 17:08:32 | B.S. Satwik | 160124749029 |
| 15 | 10/26/2025 17:08:33 | Dyapa Aashritha Reddy | 160124749006 |
| 16 | 10/26/2025 17:11:05 | M. Deekshitha | 160124749012 |
| 17 | 10/26/2025 17:11:34 | Anvita Reddy | 160124749016 |
| 18 | 10/26/2025 17:16:26 | Adhvika | 160124749008 |



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| 28 | 10/26/2025 17:27:58 | BANDARU SAI SIDDARTI | 160124749027 |
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| 45 | 10/26/2025 18:14:43 | Banala Sadhika Reddy | 160124749304 |
| 46 | 10/26/2025 18:22:34 | Mubashir Shahwez | 160124749052 |
| 47 | 10/26/2025 18:25:00 | V MANIDEEP | 160124749063 |
| 48 | 10/26/2025 18:25:01 | CH.TAJ RISHIK | 160124749033 |
| 49 | 10/26/2025 18:25:35 | DUMPETI SATHWIK | 160124749302 |
| 50 | 10/26/2025 18:28:52 | Thalla Rajesh | 160124749058 |
| 51 | 10/26/2025 18:29:21 | V.Naga Aswin Reddy | 160124749061 |
| 52 | 10/26/2025 18:32:06 | Mayank Nandella | 160124749051 |
| 53 | 10/26/2025 18:36:29 | J.Akshith | 160124749042 |

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Newspaper clippings :

IEEE Student Branch Societies Inaugurated at CBIT



DECCAN NEWS SERVICE
■ HYDERABAD

The Department of Computer Engineering and Technology at Chaitanya Bharathi Institute of Technology (CBIT) inaugurated three new IEEE Student Branch Societies — the IEEE Communications Society, IEEE Nanotechnology Council, and IEEE Aerospace and Electronic Systems Society — on Tuesday.

The event was graced by CBIT Principal Dr. C.V. Nar-simhulu, Head of Department Prof. Sangeeta Gupta, and Advisor for Innovation & Incubation Dr. Umakanta Choudhury.

Distinguished Chief Guests included Dr. C. Kumar, Chair of the IEEE Communications Society (Hyderabad Section); Dr. Thirimal, Chair of the IEEE Nanotechnology Council (Hyderabad Section); Dr. Jayaprakasan, Chair of the IEEE Aerospace and Electronic Systems Society (Hyderabad Section); and Dr.

Bhudeb Chakravarti, Executive Member of IEEE Hyderabad Section. They delivered insightful talks emphasizing the importance of interdisciplinary research, innovation, and technology convergence in driving the future of engineering and scientific discovery.

Faculty Advisors Ms. N. Sujata Gupta and Ms. Ch. Sri-lakshmi were instrumental in organizing the program and ensuring its academic relevance. The event was also supported by the respective IEEE Society Student Chairs and coordinated efficiently by the Student Organizing Team.

The inauguration of these three IEEE societies marks a new milestone in CBIT's commitment to fostering innovation, collaboration, and excellence in technical education and research. The initiative is expected to create new opportunities for students to engage in global research networks and contribute to emerging fields in science and technology.



Feedback of the Event:

The workshop received overwhelmingly positive feedback from participants. Key highlights include:

Appreciation for the interactive teaching methodology

- High engagement during hands-on Cisco Packet Tracer sessions
- Improved understanding of real-time networking operations
- Promotion of peer learning, collaboration, and technical confidence

Participants expressed interest in advanced workshops on routing optimization, network security, and switching technologies.

Participants expressed interest in more advanced sessions on topics such as routing protocols, network security, and switching technologies in the future.

Conclusion:

The CISCO Routing and Switching Masterclass successfully achieved its intended objectives by enhancing participants' understanding of core networking principles and Cisco-based configurations. The expert-led sessions and practical simulations significantly enriched technical proficiency and industry readiness.

The success of this event highlights CBIT's commitment to academic excellence, technical innovation, and professional development, reinforcing the role of IEEE student chapters in nurturing future-ready engineers.

Faculty Co-ordinators:

Head of the Department
Dept. of Computer Engineering and Technology
CBIT (A), Gandipet, Hyderabad-500 075.
HOD-CET