DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

IEEE Computer Society Student Branch Chapter

- Objectives of the IEEE Computer Society Student Branch Chapter:

The objectives of an IEEE Computer Society Student Branch Chapter typically align with the overarching goals of the IEEE Computer Society, adapted to support student members. These objectives may include the following:

1. Promote Technical Awareness

   o Foster awareness of emerging technologies, trends, and advancements in computer science and engineering.

   o Provide access to technical resources and tools to enhance learning and innovation.

2. Facilitate Professional Development

   o Organize workshops, seminars, and training sessions to develop technical and soft skills.

   o Encourage participation in competitions, hackathons, and technical conferences to boost students' practical knowledge.

3. Encourage Research and Innovation

   o Provide opportunities for students to explore research in computer science and related fields.

   o Support projects and ideas that contribute to technological advancement.

4. Networking Opportunities

   o Connect students with professionals, academics, and industry leaders through events, talks, and conferences.

Event Name	IEEE Computer Society Student Branch Chapter Inauguration
Theme	IEEE Branch Chapter
Date	3/12/2024
Faculty	Dr. Nandini C, Prof and Hod, CSE, DSATM Dr Priya Nandihal, Assoc Prof, CSE,DSATM

Purpose:

The purpose of the **IEEE Computer Society Student Branch Chapter** is to inspire, empower, and equip students with the knowledge, skills, and professional network needed to excel in the field of computer science and engineering. It serves as a platform for fostering innovation, promoting technical excellence, and bridging the gap between academic learning and industry demands. Through collaborative learning, hands-on projects, and community engagement, the chapter aims to cultivate leadership, encourage research, and contribute to societal advancements in technology.

Resource person:

1) **Dr. Parameshachari B.D, IEEE SAC CHAIR**
2) **Dr. Shashidara K S, IEEE Senior Member**
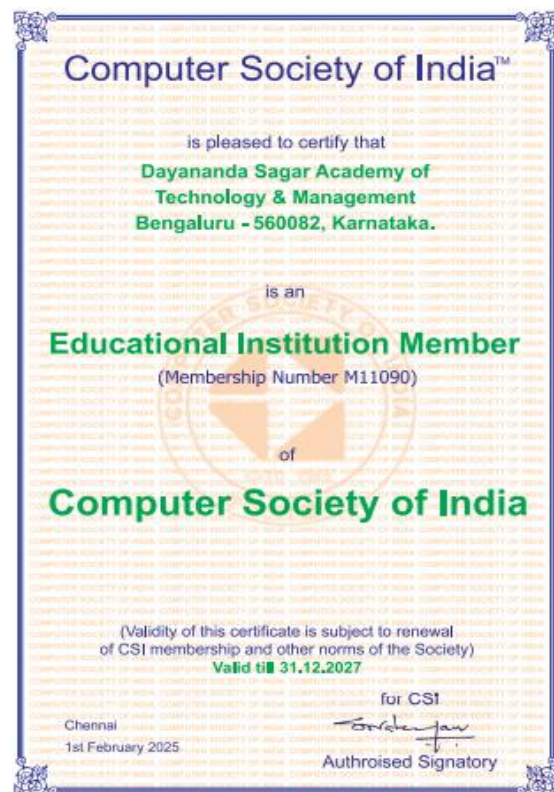3) **Dr M S Bhargavi, IEEE ExeComm CS Student Branch Chapter**
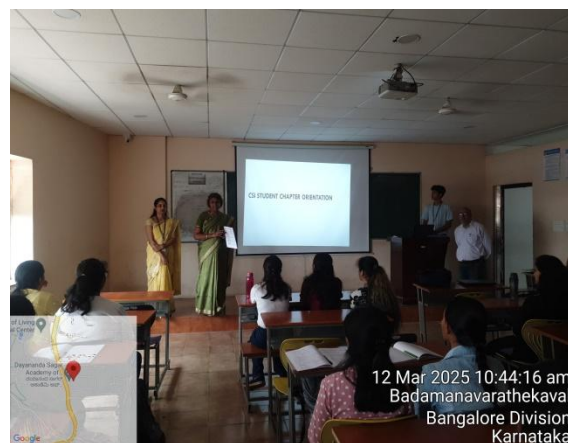
DSATM CSI Professional Chapter

The **Computer Society of India (CSI) Professional Chapter at Dayananda Sagar Academy of Technology & Management (DSATM)** serves as a dynamic and inclusive platform where students, faculty members, and industry professionals come together to explore, innovate, and contribute to the field of computer science and information technology. The chapter plays a pivotal role in fostering a culture of technological excellence and continuous learning by organizing a wide range of intellectually stimulating activities such as technical workshops, seminars, expert talks, coding challenges etc. Through these initiatives, the chapter not only enhances the academic and practical knowledge of its members but also encourages innovation, leadership, and problem-solving abilities. It acts as a bridge between the academic curriculum and the ever-evolving demands of the tech industry, ensuring that members are well-equipped with the skills and insights needed to excel in their professional journeys. By promoting active participation, the CSI DSATM Chapter inspires students to go beyond textbooks and become creators of technology, rather than just consumers.

Objectives

- To promote the study and application of Computer Science and Information Technology in academic and industrial domains.
- To facilitate workshops, seminars, guest lectures, and technical symposiums that enrich the learning experience of students.
- To provide members with access to the latest trends, research, and industry insights in computing and IT.
- To encourage collaboration between students and industry professionals through projects, internships, and networking opportunities.

Event Name	**Advantages of Professional Chapter membership**
Theme	Orientation on Computer Society of India- DSATM
Date	12.03.2025
Venue	A Block, Class rooms, DSATM

Purpose:

The purpose is to create awareness among students about the significance of professional networking, continuous skill development, and community involvement through CSI membership at DSATM. The **Computer Society of India (CSI)** is one of the largest and most prestigious professional bodies for computer science and IT professionals in India. The **Professional Chapter** at DSATM aims to:

- Encourage students and faculty to engage in real-world tech initiatives.
- Offer a platform for research, innovation, and skill-building.
- Promote leadership, communication, and teamwork through active participation.

Resource person: Dr. Nandini C, Vice Principal, Head of the Department, CSE

DSATM CSI STUDENT BRANCH
REPORT ON STUDENT ACTIVITIES

1. Inter College Project Exhibition-2019 in association with CSI Bangalore Chapter was organised on 13-05-2019. The event was inaugurated on 10.00am by lightning the lamp followed by tape cutting by Dr.C Nandini, Vice Principal & Head of the department, Chief Guest/ Judges Raju Gowda, , Hon. Treasurer CSI Bangalore Chapter and Dr.Chaya Devi, Associate Professor, ISE Department, JSSATEB.

   The Project was deeply reviewed by the chief guests Raju Gowda , Honourable Secretary CSI Bangalore Chapter and Dr Chaya Devi, Associate Professor, ISE Department, JSSATEB. and valuable inputs are given to the students for further improvisation of the work. 31 projects along with external projects from KSSEM, KSIT and APS Engineering Colleges were showcased.

2. Three days Workshop on "The Research Methodology" is organized by Dept. of CSE, DSATM in association with CSI Bangalore Chapter from 21st to 23rd Feb 2019. The inauguration is started by invocation song by Ms.Yashswini 8th sem B Section student followed bywelcome address delivered by Dr. C Nandini for the guests, HOD's of various departments and participants.

   Guest of Honor Dr. Sangappa S B, EC Member, ISTE, New Delhi addresses the gathering about importance of research as well as importance of being a good researcher and also the linkage between the progress in society and research by conducting research from a long term career prospective.

   Chief Guest Dr. M. H. Bala Subramanya, Professor , IISc, Bengaluru addressed the gathering to take advantage of the workshop and enhance knowledge. He emphasized the importance of research and the proper understanding of research and emphasised that knowledge exploration is possible only through scientific research.

3. Five Day National level Faculty Development Program on Zero-Defect Coding Using Altair MBD for IOT and Embedded Solution from June 28th – 2rd July 2019, Organized by Department of CSE In association with Visvesvaraya Technological University (VTU), DESIGNTECHSYS & CSI-Bangalore Chapter.

4. 33RD KARNATAKA STATE STUDENT CONVENTION 2020 **"ARTIFICIAL , VIRTUAL & ANIMATED COMPUTING"** 28TH & 29TH FEBRUARY 2020.

   The Convention provides a professional platform for students of various streams of IT to showcase their talent. Invited talks by experts from the IT industry, exposes the students to the latest developments. This also provides an opportunity for networking between students, professionals and academicians.

   The main aim of State Student Convention is to build a foundation and inspire the young students of engineering to understand and apply the new trends in technology. The convention targets to give a broad overview of Technical Fusion.

   Artificial intelligence (AI), is intelligence demonstrated by machines, unlike the natural intelligence displayed by humans . Virtual Computing is a processing of resources that aren't available on their local machines, and virtual computing solves the problem by connecting client machines to a host workstation over a remote network.

   Dr. Sunil Panwar, IFS, Executive Director, Center for Smart Governance, Govt. of Karnataka was the chief guest and Ashok Gopinath, Managing Director, Accenture, Bengaluru.

   Prof. M. Surendra Prasad Babu, Regional Vice President, CSI, Region-V, Guest of Honours. CSI-BC Chairperson.

   Prof. Anbunathan presented his gratitude towards DSATM for arranging this auspicious event and congratulated all the participants, delegates and students of DSATM . Students , Guests, Faculty & CSI delegates : 500

5. Five Days Webinar Series on Research Focus in Computer Science .Organized by Dept. of Computer Science & Engg , Dayananda Sagar Academy of Technology and Management, Bengaluru in association with CSI Bangalore Chapter from 08-6-2020 to 12-6-2020.

   Inauguration Session of the Webinar done in Board room in the presence of Dr. B R Lakshmikantha, Principal , Dr C Nandini, Vice Principal, Prof. & CSE Head, Prof. Dr Sandhya N, Prof. Manjunath D R, Prof. Manasa Sandeep and Prof. Jahnavi S from Dept. of CSE , DSATM with the Resource Persons Prof. Raghavendra Prasad , SAC-IEEE, Dept. of ISE RVCE.

   Session 1: Resource Person Prof. Raghavendra Prasad , SAC-IEEE, Dept. of ISE RVCE

   Session 2: IoT for health care on 9-6-2020 from 11.00 to 12.30pm by Dr.Padmashree T, Dept. of ISE, RVCE

Session 3: Network Intrusion Detection System on 10-6-2020 from 11.00 to 12.30pm by Prof. Gururaj H S, Dept. of ISE,BMSCE

Session 4: Cloud Computing and Applications on 11-6-2020 from 11.00 to 12.30pm by Dr. Inbavalli, Vice Principal, Marudhar Kesari Jain College for Women

Session 5: Image Processing and Applications on 12-6-2020 from 11.00 to 12.30pm by Dr. C.Nandini, Vice Principal, Prof. & Head CSE Dept. DSATM

Inter college Project Exhibition Report

5- DAY NATIONAL LEVEL FACULTY DEVELOPMENT PROGRAM ON
Zero-Defect Coding Using Altair MBD for IOT and Embedded Solution
from June 28th – 2rdJuly 2019
Organized by

Department of CSE
(Accredited 3 years by NBA, New Delhi (Validity : 26-07-2018 to 30-06-2021))
In association with
Visvesvaraya Technological University (VTU),
DESIGNTECHSYS & CSI-Bangalore Chapter
FDP REPORT

3- DAY WORKSHOP ON RESEARCH METHODOLOGY from February 21st – 23rd 2019
Organized by
Department of CSE & ISE
(Accredited 3 years by NBA, New Delhi (Validity : 26-07-2018 to 30-06-2021))
In association with
Visvesvaraya Technological University (VTU),
ISTE Faculty Chapter , DSATM & CSI- Bangalore Chapter

Dayananda Sagar Academy of Technology and Management and Computer Society of India, Bengaluru chapter jointly organized "33rd CSI KARNATAKA STUDENT CONVENTION" on 28th and 29th Feb 2020. under the supervision of Dr. B. R. Lakshmikantha, Principal, DSATM, Dr. C. Nandini, Vice Principal, HOD, CSE dept. DSATM, Dr. Sumithra Devi K. A. Dean Academics, DSATM.