Chowgule Education Society's
Parvatibai Chowgule College of Arts & Science
(Autonomous)

DEPARTMENT OF COMPUTER SCIENCE

Since 1989

BITS & BYTES

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In This Issue

- Editorial
- Faculty Participation
- Department Activities
- Student Participation & Activities

Editorial

The Department of Computer Science at Parvatibai Chowgule College of Arts and Science (Autonomous) continues to promote innovation, creativity and technological excellence through various academic and co-curricular initiatives.

During June, July and August 2026, the department organised workshops encouraging students to develop technical knowledge and practical skills. Competitions on AI and Viksit Bharat, AI-generated imagery and photography provided platforms for creativity, critical thinking and innovation.

The installation of the FireBits Club Council further strengthened student leadership and teamwork, while the MoU signed with Haztech Innovation LLP opened avenues for industry collaboration, internships, training and skill development.

These initiatives reflect the department's commitment to preparing students for an evolving technological world by nurturing curiosity, responsible technology use and practical learning.

Sanas Shaikh
Assistant Professor
(EDITOR)

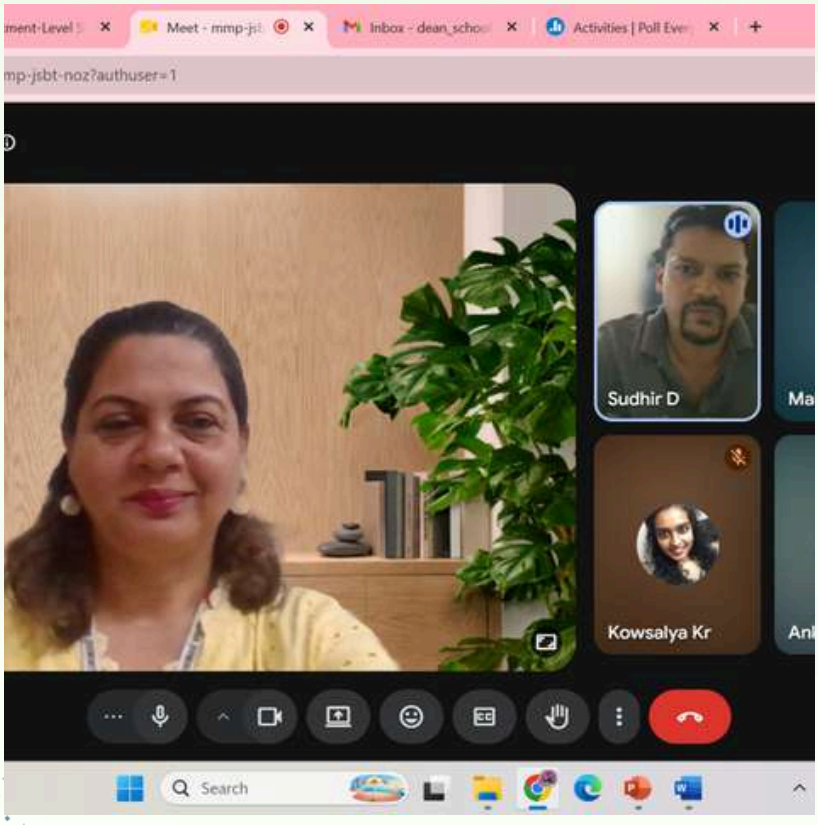
Faculty Participation

Subject Expert for Computer Science Selection Panel

Dr. Sameena Falleiro, Dean of Physical and Earth Sciences Science and Professor in the Department of Computer Science, was invited to the selection panel as the subject expert in Computer Science on the recommendation of the Vice-Chancellor, Goa University at DCTs Dhempe College of Arts and Science, Autonomous, Miramar, Goa on 7th July, 2026 at 10.00am.

Resource Person for Refresher Course on MOOCs and Cyber Security

Dr. Sameena Falleiro, Dean of Physical and Earth Sciences Science and Professor in the Department of Computer Science, served as the Resource Person for the Refresher Course in Commerce/Management (Online) on MOOCS and CYBER SECURITY, organized by UGC-MMTTC, Goa University for College/University teachers from all over India on 18th July, 2026 from 11:45 a.m. to 1:15 p.m.



Recipient of the Most Influential Professor – Goa Leadership Award 2026

Dr. Sameena Falleiro, Dean of Physical and Earth Sciences Science and Professor in the Department of Computer Science, was awarded the MOST INFLUENTIAL PROFESSOR - GOA LEADERSHIP AWARD 2026 on 22nd July, 2026 in Goa. The felicitation was organised by Dr. R. L. BhatiaFounder – World CSR Day & World Sustainability, Mumbai.



Academic Auditor for Computer Science

Dr. Sameena Falleiro, Dean of Physical and Earth Sciences Science and Professor in the Department of Computer Science,
was invited to conduct the Academic Audit for Computer on 27th July, 2026 at the DCTs, Srinivassa Sinai Dempo College of Commerce & Economics, Cujira, Bambolim, Goa.

Academic Auditor for Computer Science

Dr. Sameena Falleiro, Dean of Physical and Earth Sciences Science and Professor in the Department of Computer Science,
was invited to conduct the Academic Audit for Science Departments on 21st August, 2026 at Government College of Arts, Science and Commerce, Khandola, Marcela, Goa.



Department Activities

Orientation programme

The orientation programme for the students of First Year B.Sc. Computer Science (FYCS) was conducted on 27th June 2026 from 9:30 a.m. onwards in Classroom D-301.

The orientation session was conducted by Dr. Shaila Ghanti, Head of the Department of Computer Science. The programme aimed to familiarize the students with the department, the academic structure, and various opportunities available during their course of study.

The session began with an introduction of the faculty members by the Head of the Department, followed by an overview of the Department of Computer Science, its legacy, achievements, and presence on the new college website. Students were introduced to the department's distinguished alumni and briefed on the NEP curriculum structure, including the selection of MDC, AEC, SEC, and VOC courses. Information on departmental curricular and co-curricular activities, examination rules, assessment methods, and academic regulations was also shared. The session concluded with an interactive question-and-answer session, during which students' queries were addressed. The orientation helped students gain a clear understanding of the department, academic requirements, and campus expectations, making them feel confident and well-prepared for their academic journey.

A total of 34 students and 1 faculty member attended the orientation session.





Final Year Project Orientation Session

The Department of Computer Science organized a Final Year Project Orientation Session on 26 June 2026 from 1:15 p.m. onwards.

The session was conducted by Mrs. Ashweta Shirvoikar, Assistant Professor, Department of Computer Science, who served as the resource person.

The session provided students with comprehensive guidance on the systematic project development life cycle. The topics covered included domain selection, problem identification, literature survey, requirement analysis, system design, implementation, testing, and documentation. Students were also introduced to the data-centric workflow required for Machine Learning and Artificial Intelligence (ML/AI)-based projects, including data collection, exploratory data analysis (EDA), feature selection, model training, and model evaluation.

The orientation enabled students to gain a clear understanding of the project development process and helped them make informed decisions while selecting and planning their final year projects.

A total of 33 students and 1 faculty member attended the orientation session.





Orientation for PGDCA students

The Department of Computer Science Organized an Orientation Programme for PGDCA on 23rd July 2026 at 12:35 pm.

The resource Person was Mr. D Prabakaran, Associate Professor in the Department of Computer Science.

A total of 5 students and 1 Faculty member attended the Orientation Programme.

Objective of this Orientation was for Students to gain a clear understanding of Credit System, Teaching-Learning process, Assessment & Evaluation methods and Advantages of PGDCA Programme.



Installation Ceremony Of Firebits

The Department of Computer Science conducted the Installation Ceremony of the FireBits Club Council for the academic year 2025–26 on 14 August 2026, 1:15 pm onwards, in the Lower Auditorium. The ceremony marked the formal induction of the newly elected council members through the badging and oath-taking ceremony, along with addresses by the faculty and student representatives. The event celebrated the beginning of a new term for the club and encouraged the newly appointed members to take on their responsibilities with enthusiasm and commitment.

A total of 51 Students and 8 Faculty members participated in the Installation Ceremony Of Firebits.





MoU between Haztech Innovation LLP and Parvatibai Chowgule College of Arts and Science (Autonomous)

A Memorandum of Understanding (MoU) was signed on 20 August 2026 between Haztech Innovation LLP, an innovation agency engaged in digital marketing, software development and artificial intelligence, and Parvatibai Chowgule College of Arts and Science (Autonomous), Margao, Goa, an institution involved in education, research and training in the sciences and arts.

The MoU aims to strengthen industry–academia collaboration and create opportunities for students and faculty to engage with industry through skill development, training, internships, mentoring and other collaborative activities.





Student Activities

WORKSHOP ON CYBER SECURITY

The Department of Computer Science and Centre for Educational Technology, IIT Bombay Organized a Workshop On CYBER SECURITY On 17thJuly, 2026 (Friday) from 1.15pm to 5.15pm

The resource Person was Ms.Priya Nagvekar Assistant Professor in Computer Applications, GVM College, Ponda &PhD Research Scholar at Centre for Educational Technology, IIT Bombay

A total of 20 T.Y.B.Sc Computer Science students and 1 Faculty member attended the Workshop.

The workshop was highly informative and engaging, providing participants with practical exposure to cybersecurity concepts and SIEM tools, which was appreciated by the students. Participants gained hands-on experience in cybersecurity threat analysis and SIEM tools, enhancing their practical skills in identifying and responding to cyber incidents.



Vibe coding v/s Core Programming

The workshop “Vibe Coding vs Core Programming” was organized by the Department of Computer Science on 12th August 2026, 11:30 AM, Mr.Mohsin Shaikh, Founder - Haztech was the resource person for the workshop. to introduce students to emerging AI-assisted approaches to software development and help them understand their relationship with traditional programming practices. The session aimed to explore how AI tools can support code generation and problem-solving, while emphasizing the importance of core programming concepts, logical thinking and fundamental coding skills. The workshop also encouraged students to critically evaluate the appropriate use of AI in software development.

A total of 43 students and 4 faculty members attended the workshop.





Role Of AI in Building Viksit Bharat

"Role of AI in Building Viksit Bharat" held on 6th August 2026, at 12:45PM, was a team-based presentation competition organised to create awareness among students about the role of Artificial Intelligence in building a developed and self-reliant India. Students presented their ideas on the applications and impact of AI in India's development, encouraging innovation, teamwork, research, critical thinking, and presentation skills.

A total of 9 students and 4 faculty members attended the competition.

Winners of the competition:

Team 1: 1st place winners

Name: NEHAL SAINATH NAIK Class: TY B.Sc. Comp Sci

Name: RICHIE GAVIN DE MELO Class: TY B.Sc. Comp Sci

Team 2: 2nd Place

Name: MARIA SAMEERA KIMBERLY DA COSTA Class: TY B.Sc. Comp Sci

Name: SWARANGI RAJARAM PAGI Class: TY B.Sc. Zoology



Celebrating India (Independence Day competition)

The Department of Computer Science organized an online AI-Generated Image Competition as part of the Independence Day celebrations, encouraging students and faculty members to explore creativity and innovation through emerging artificial intelligence technologies. The competition was conducted on the theme "What Independence Means to Me," providing participants with an opportunity to express their interpretations of freedom, patriotism, unity, and national progress through AI-generated visual content. The activity aimed to promote creative thinking, digital literacy, and responsible use of AI tools while fostering awareness of the significance of Independence Day. Participants were encouraged to combine technology and artistic expression to develop meaningful and innovative representations of their ideas.

A total of 45 students and 2 faculty Participated in the competition.

The following participants secured prizes in the Photography Competition:

1. Blossom Regina Pereira of TY B.Sc. Comp Sci – Winner
2. Joylen Dias of TY B.Sc. Comp Sci – Runner-up

The following participants secured prizes in the Poster Generation Using AI Competition:

1. Britnie Fernandes of TY B.Sc. Comp Sci – Winner
2. Lovia Rhea Viegas of FY B.Sc. Comp Sci – Runner-up

Student Participation

Special Mountaineering Camp Pahalgam

Rishikesh Chawan, a student at Parvatibai Chowgule College of Arts and Science, participated in the Special Mountaineering Camp Pahalgam organized by the 1 Goa Battalion NCC from July 19 to July 28, 2026. Guided by instructors from the Jawahar Institute of Mountaineering & Winter Sports (JIM&WS), the off-campus program provided practical training in adventure and survival skills—including rappelling, jumaring, ziplining, stream crossing, knot-tying, and casualty evacuation. The camp successfully enhanced the participant's physical fitness, leadership, teamwork, and decision-making under demanding field conditions.







Editorial Team

FACULTY: **DR.(MRS.) SHAILA GHANTI**
HOD, ASSOCIATE PROFESSOR

MRS. SANAS SHAIKH
ASSISTANT PROFESSOR

Thank you for reading!

DEPARTMENT OF COMPUTER SCIENCE

Send Your Feedback to : dcs@chowgules.ac.

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