Government Polytechnic Panaji
Department of Computer Engineering
Annual Report 2023-24

The Department of Computer Engineering conducted various curricular and co-curricular activities for the academic year 2023-24.

Activity-1: New Batch Orientation Program

The Department of Computer Engineering along with Department of Science & Humanities and Students Section organized Orientation program for the new batch of first year and direct second year students along with their parents to familiarize with the department, the facilities, the teaching curriculum, attendance, semester pattern, curricular activities etc. The Principal Sir addressed the orientation.

Activity 2 : Induction Program

Talks/Seminars were conducted by the department as part of Induction program:

(i)   Motivational talk by Shri Dilip Betkikar

(ii)   Talk on Health care and lifestyle factors by Ms. Supriya Phadnis

Activity-3: Industrial Training:

As a part of the Curriculum, the V Semester students of Final year went for 8-weeks industrial training to various hardware and software companies for getting exposure to them of industrial knowledge and live hands on practice. Some of the Esteemed organization are Comnet Solutions Pvt. Ltd., Demerge Systems, Geekeno, Enigmasoft Technologies, Vyom Solutions, Branding Labs.

Activity -4 : Cleanliness Drive

On the occasion of Gandhi Jayanti, Staff and students participated in Cleanliness Drive "Ek Tarikh Ek Ganta Ek Saath" by cleaning the department and surrounding of the institute.

Activity-5 Dussehra Celebration

Every year Dussehra celebration is held in the Department of Computer Engineering and student of final year perform Pooja for Dussehra. This bring students together for cultural celebration making feel them connected with one another and brings unity.

Activity-6: Placement Drive

Many of our merit students got placement in the IT based industries like De Merge Systems Ltd, Wyasal

Activity-7: Field Trip

A field trip was organized for third-year students to the Goa State Innovation Council Center at Don Bosco College of Engineering, Fatorda, Margao. During the visit, the students learned about various projects supported by the council. Faculty members demonstrated the use of 3D printers for various applications, showcasing their potential in fields such as prototyping, manufacturing, and education. Additionally, the students had the opportunity to interact with experts and gain insights into the latest technological advancements and innovation strategies. The visit provided a platform for students to explore potential career paths in technology and innovation.

Overall, it was a very informative and innovative experience for the students, sparking their interest in emerging technologies and encouraging them to think creatively about future projects.
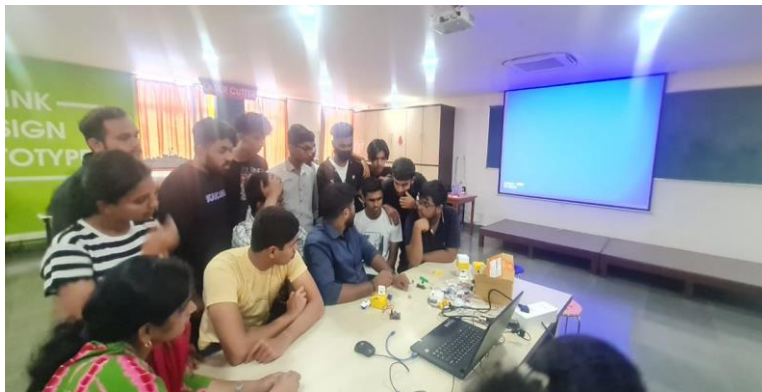

Final Year Students At Goa Sate Prototyping Lab

Activity-8: Workshop & Field Trip

A one day workshop and filed trip was organized for second year students to the Goa State Innovation Council Center at Don Bosco College of Engineering, Fatorda, Margao.

Activity-9: Seminar

1.   A seminar titled **"Cloud Horizons**: Exploring the Future of Computing" was conducted by Shri Gaurabh Sawal, Assistant Director (IT) at the Department of Information Technology, Electronics & Communication, on 28th March 2024. Aimed at second-year and final-year students, the seminar covered key topics including cloud service models (IaaS, PaaS, SaaS), deployment models (public, private, hybrid), emerging trends (serverless, edge computing, and cloud security) with practical demo. Students gained insights into real-world applications, future trends, and career opportunities in cloud computing. The session concluded with an interactive Q&A, enriching the students' understanding of the field. It was an excellent opportunity for them to gain knowledge from an industry expert and explore potential career paths in the rapidly evolving field of cloud technology

2.   A Seminar was organized on **Cyber Security** on 4ᵗʰ March 2024. Expert talk was delivered by Nikhil Malgi, Director and Mr. Mailk Rehan, Ethical hacker from Avanteia Pvt. Ltd. The expert team delivered engaging presentations, shared real-world examples, and offered practical tips to enhance the cyber

security awareness of the students. The seminar was tailored to cater to students with varying levels of familiarity with cyber security concepts.

It benefitted the students by enhancing their cyber security knowledge and also to contribute in creating a more cyber-resilient community. Additionally, attending this seminar students were provided with a valuable networking opportunity and insights into potential career paths in the cyber security field.

Activity-10: Farewell

The department along with first and second year students of computer engineering bid farewell to the final year students in the month of April 2024.

Activity-11: Co-curricular Activities

The students participated in various inter departmental/IDS events such as story writing, elocution competition, carom, football, cricket and won the prizes. The college also awarded to best outgoing student from each department. The Annual prize distribution ceremony was held to distribute prizes for best outgoing student and winners of various co-curricular activities.