

REPORT

on

:

“Orientation Program”

Date : 6th – 14th August, 2025



Centurion
UNIVERSITY

Shaping Lives...
Empowering Communities...

Organized by

School of Engineering and Technology, Bhubaneswar

in collaboration with

IEEE Student Branch, CUTM

&

The IEEE Computer Society in India

**Centurion University of Technology and Management,
Odisha, India**

Introduction :

The School of Engineering and Technology (SoET), Centurion University of Technology and Management (CUTM), **Bhubaneswar Campus**, organized a comprehensive **Orientation Program** from **6th to 14th August 2025** at the Top Floor of the Kautilya Building. The program was specially designed for the **newly admitted students** to provide them with a holistic understanding of the university's **academic structure, support systems, student services, and extracurricular opportunities**. Over **900 participants** attended, marking one of the largest induction events of the school. The program included **expert talks, mentoring sessions, interactive workshops, and addresses by dignitaries**, offering students insights into academic planning, career pathways, and overall personal development. Faculty members, administrative leaders, and external experts engaged with students, guiding them on how to **navigate the systems of CUTM** and make the most of its resources. By combining structured orientation modules with inspiring talks and interactive sessions, the program ensured that students were not only introduced to the vision and mission of CUTM, but also encouraged to **embrace discipline, innovation, and lifelong learning**. This initiative reflected CUTM's commitment to empowering its students with both technical expertise and a broad awareness of opportunities awaiting them in their academic journey.

Objectives :

- To familiarize students with the academic structure, rules, and support systems of SoET.
- To introduce participants to the faculty, mentors, and administrative leadership of the university.
- To provide guidance on using digital systems like ERP and academic planning tools.
- To encourage students to explore skill courses, research communities, and extracurricular activities.
- To build confidence among students for a smooth transition into university life.



Key Activities :

The orientation program spanned seven days, with each day focusing on different aspects of student induction:

Day 1 (6th August 2025)

- The program began with a comprehensive campus visit, where all newly admitted students were taken on a tour of the Centurion University, Bhubaneswar Campus. Students were familiarized with the academic blocks, laboratories, innovation centres, hostels, and other key facilities, helping them gain a sense of belonging and awareness about the university environment.

Day 2 (7th August 2025)

- The first formal session began with an inaugural address by Prof. (Dr.) Sujata Chakravarty, Dean, SoET, who welcomed the students and emphasized the importance of discipline, academic engagement, and innovation.
- Prof. Madhumita Das, Ombudsperson, addressed the students on the grievance redressal system, ethical conduct, and safeguarding student rights, ensuring them of a safe and supportive academic environment.
- Dr. Sangram Keshari Swain, Dean, Exam Cell, addressed students on the examination system, evaluation methods, and academic integrity.
- A detailed session on the ERP System by Mr. Nrusinha helped students understand how to use digital platforms for attendance, course registration, and accessing study resources.
- Dr. Padmaja Pattanik presented the importance of Skill Courses, focusing on their role in employability, practical knowledge, and industry preparedness.
- Dr. Sudhanshu Kumar Samal, Associate Dean, SoET, motivated students to set goals, make the best use of university resources, and nurture discipline and curiosity for academic and career growth.
- The Heads of Departments (HoDs) also addressed the gathering, introducing their respective departments, highlighting academic programs, faculty expertise, and research culture, while encouraging students to engage actively in departmental activities.

Day 3 (8th August 2025)

- Dr. Smita Mishra Panda delivered a session on Gender Awareness, highlighting inclusivity, equity, and sensitivity in campus life.
- The Senior Management Team (SMT) addressed students, emphasizing the university's vision for holistic education and innovation. Dr. Biswajit Mishra, Pro Vice-Chancellor (Academics), inspired students to pursue academic excellence and lifelong learning.
- The Training and Placement Cell oriented students on career readiness, industry expectations, and placement opportunities.
- An engaging Industry Talk was delivered by Mr. Harsh Raval and Mr. Jay Raval, who shared insights on professional skills and industry perspectives.
- Dr. Sangram Keshari Swain briefed students about the CaSR Community, encouraging participation in research and social responsibility initiatives.
- The Library Team introduced students to available resources, digital access, and academic support.
- The day concluded with a Drone Flying Demonstration, giving students a glimpse into hands-on technological innovation at CUTM.

Day 4 (11th August 2025)

- Expert talk on screening of the documentary “The Last Naked-eye Astronomer” by Dr. Sudhira Panda and Mr. Deba Ranjan. The session emphasized the significance of astronomy in understanding human curiosity and the universe.
- Expert talk on Use of Cryptography in Classical India by Dr. Sudhira Panda. Students learned about historical cryptography techniques and their modern relevance.
- Session on Metaverse and AR/VR by Mr. Sandeep Kumar. The talk introduced immersive technologies and their applications in education and industry.
- Session on Transformers and Power Systems, Industrial Automation, and Renewable Energy. These gave students practical insights into evolving engineering domains.

Day 5 (12th August 2025)

- Introduction to Raptor – A Visual Approach to Programming by Prof. Saroj Kumar Sahoo. The session highlighted programming logic building through flowcharts.
- Session on AWS/MOOC/SPOC NPTEL/SWAYAM Courses. Students were introduced to online learning platforms and their value for self-paced skill development.
- Session on AI/ML – The Language of the Future, Cloud Computing Essentials, and Software Technology – The Future Forge. These sessions collectively explained how emerging technologies are shaping industries worldwide and provided students exposure to future-driven innovations.

Day 6 (13th August 2025)

- Session on Exploring Blockchain & Web3: Foundations for the Future by Mr. Abhi Mitra. The session explained blockchain fundamentals and their potential in decentralization.
- Session on Cyber Security – The Shield of Digital World and Blockchain Engineering – The Future of Decentralized Systems. Students learned how these technologies ensure secure digital ecosystems.
- Session on Electric Vehicles – Introduction, Basics, Working and Advancement by Dr. Sudhansu Kumar Samal (Associate Dean, SoET). Students explored EV technology and its role in sustainable mobility.
- Session on Embedded Systems – Powering the IoT Revolution and VLSI – Designing the Future, One Chip at a Time. The talks provided insights into electronics driving the IoT and semiconductor industries.

Day 7 (14th August 2025)

- Session on CBCS Policy by coordinators. Students were oriented on curriculum flexibility and academic structure.
- Session on Aerial Surveying – Seeing Beyond Horizons, Remote Sensing – Observing the Unseen, and Construction Planning & Manufacturing – The Blueprint for Success. These highlighted modern tools in civil engineering and geospatial technologies.
- Interaction with HoD of MCA and BCA Departments, who guided students about their programs, interdisciplinary opportunities, and career paths.
- Session on IEEE Community. Students were introduced to the global professional body, its benefits, and opportunities for engagement.

Interactive Q&A Session:

An interactive Q&A session was held where students engaged directly with faculty and experts. This provided clarity on academic processes, career opportunities, and campus life while encouraging open dialogue and active participation.

The orientation concluded with faculty mentoring sessions, where students received personalized guidance on academic planning and campus life. Reflections shared by students highlighted how the program built their confidence and readiness.

Industry Talk:

8th August
2025

Cybersecurity in Today's AI Enabled World An Evergreen Career

Summary :

The School of Engineering and Technology (SoET), Centurion University of Technology and Management (CUTM), Bhubaneswar Campus, hosted an **Industry Talk** on “**Cybersecurity in Today’s AI-Enabled World – An Evergreen Career**” during the **Orientation Program 2025** on **8th August 2025** at **01:15 PM**. The session was conducted by **Mr. Harsh Raval** and **Mr. Jay Raval**, who shared valuable insights into the impact of artificial intelligence on cybersecurity. They discussed how AI is reshaping both threats and defenses, with applications in threat detection, predictive analysis, and automated response systems. Emphasizing the rising demand for **skilled professionals**, the speakers highlighted cybersecurity as a resilient, future-ready career path. They also encouraged students to build expertise in **ethical hacking, digital forensics, and AI-powered security solutions**. The interactive session inspired participants to view cybersecurity not only as a promising profession but also as a critical pillar of safety in the digital era.

Glimpse :



 Centurion UNIVERSITY
Shaping Lives, Empowering Communities.

 IEEE
Student Branch
Centurion University of
Technology & Management

 THE COMPUTER SOCIETY

 ACCREDITED WITH DISTINCTION
A+
NAAC

Centurion University
Presents
**Orientation Program
2025**
Topic
**Cybersecurity in Today's AI Enabled World
An Evergreen Career**
8th August 2025 | 01:15 PM


Mr. HARSH RAVAL
Co founder Cyberdojo - The
School of Cyberdefense India &
Bridge Systems & Services Gcc


Mr. JAY RAVAL
Cyberdojo The School of
Cyberdefense India & Bridge
Systems & Services Gcc

8260077222 7735699670 www.cutm.ac.in | www.cutmap.ac.in

Expert Talk :

11th August
2025

Screening and Discussion on Documentary Film "The Last Naked-eye

Astronomer"

Summary :

The School of Engineering and Technology (SoET), Centurion University of Technology and Management (CUTM), Bhubaneswar Campus, organized an **Expert Talk** and Documentary Screening on “**The Last Naked-eye Astronomer**” as part of the **Orientation Program 2025** on **11th August 2025** at **9:30 AM**. The session was led by **Dr. Sudhira Panda** and **Mr. Deba Ranjan**, who introduced participants to the life and contributions of one of the last astronomers to rely solely on naked-eye observations before the era of advanced telescopes. Through the documentary screening and discussion, the speakers highlighted the evolution of **astronomy**, the perseverance of early scientists, and their influence on **modern astrophysics**. **Dr. Sudhira Panda** and **Mr. Deba Ranjan** also emphasized the importance of nurturing curiosity, observation skills, and critical thinking in scientific learning. The interactive session inspired students to appreciate astronomy’s historical roots while connecting them with contemporary scientific exploration.

Glimpse :



The poster features a background image of a modern university building under a blue sky with white clouds. On the left is the Centurion University logo with the tagline 'Shaping Lives, Empowering Communities'. The top right corner displays accreditation logos for IEEE (Student Branch, CUTM), IEEE Computer Society, and NAAC (Accredited with Grade A+). The main text reads: 'School of Engineering and Technology Presents Orientation Program 2025'. The topic is 'Screening and Discussion on Documentary Film "The Last Naked-eye Astronomer"'. The date and time are '11th August 2025 | 09:30 AM'. Two circular portraits are shown: Mr. Deba Ranjan, Director, and Dr. Sudhira Panda, Producer and Script Writer. At the bottom, contact information is provided: phone numbers 8260077222 and 7735699670, and websites www.cutm.ac.in and www.cutmap.ac.in.

Expert Talk :

11th August
2025

Use of Cryptography in Classical India

Summary :

The School of Engineering and Technology (SoET), Centurion University of Technology and Management (CUTM), Bhubaneswar Campus, organized an **Expert Talk** on “**Use of Cryptography in Classical India**” as part of the **Orientation Program 2025** on **11th August 2025** at **10:45 AM**. The session was delivered by **Dr. Sudhira Panda**, who explored the historical foundations of cryptography in ancient India. She highlighted how classical texts and practices incorporated secret codes, ciphers, and encryption techniques to ensure secure communication in **governance, military, and diplomacy**. **Dr. Sudhira Panda** emphasized the intellectual brilliance of ancient scholars, showing how their methods predated many modern cryptographic principles. The talk also drew connections between traditional practices and contemporary applications of data security and information protection in the digital age. The engaging session encouraged students to appreciate India’s rich scientific heritage while inspiring them to explore cybersecurity and cryptography as vital fields of modern study.

Glimpse :



Centurion University
Presents
**Orientation Program
2025**
Expert Talk
Use of Cryptography in Classical India

DR. SUDHIRA PANDA
Producer and Script Writer

8260077222 7735699670 www.cutm.ac.in | www.cutmap.ac.in

Key Highlights :

- **Large Participation:** Around 900 newly admitted students attended the orientation.
- **Comprehensive Schedule:** Covered campus tours, ERP, skill courses, HoDs, SMT, Pro VC, and expert talks.
- **Valuable Expert Talks:** Sessions on Cybersecurity, Cryptography, and Astronomy broadened perspectives.
- **Student Engagement:** Interactive Q&A and mentoring sessions encouraged active participation.
- **Leadership Guidance:** Engagement from Dean, Associate Dean, Ombudsperson, Pro VC, and SMT inspired students.

Key Outcomes :

- **System Familiarity:** Students gained clarity on ERP, exam processes, and grievance mechanisms.
- **Career Awareness:** Exposure to skill courses and expert talks expanded knowledge of opportunities.
- **Holistic Orientation:** Insights into departments, SMT vision, and CaSR community built confidence.
- **Active Participation:** Students engaged in Q&A, mentoring, and reflections.
- **Smooth Transition:** The program helped students begin their academic journey with clarity and enthusiasm.

Future Scope :

The **Orientation Program 2025** set a strong foundation for the academic journey of students. Future editions could include more **hands-on technical workshops**, **leadership training modules**, and **team-building activities** to enhance experiential learning. Expanding collaborations with industry experts and alumni will give students practical career perspectives. Introducing sessions on emerging technologies, entrepreneurship opportunities, and wellness programs will further enrich the experience. **CUTM** also aims to standardize **inter-campus orientation programs**, ensuring uniform student exposure across campuses. By strengthening mentoring and community-building efforts, such programs will continue to foster confidence, adaptability, and innovation among students.

Feedback from Participants:

Students expressed deep appreciation for the structured format and diverse sessions of the orientation. Many highlighted the campus tour as a welcoming start, followed by **informative sessions** from the **Dean, Pro VC, Ombudsperson**, and **SMT** that clarified their academic journey. The **ERP** and **skill courses** training were considered **highly practical** and **useful** for planning their studies. Students were particularly inspired by the **Expert Talks** on **Cybersecurity, Cryptography, and Astronomy**, describing them as enriching and eye-opening. The mentoring sessions at the end allowed students to connect with faculty personally and ask questions freely. Overall, the participants described the program as **interactive, motivating, and well-organized**, which gave them confidence to start their studies at CUTM with enthusiasm.

Acknowledgements :

We express our sincere gratitude to the School of Engineering and Technology (SoET), CUTM Bhubaneswar Campus, for organizing this impactful **Orientation Program 2025**. We thank **Prof. (Dr.) Sujata Chakravarty**, Dean, SoET, for her leadership, and Special thanks to **Prof. Madhumita Das**, Ombudsperson, for sensitizing students on ethics and grievance redressal, **Dr. Smita Mishra Panda**, **Dr. Sangram Keshari Swain**, **Dr. Padmaja Pattanik**, **Dr. Sudhanshu Kumar Samal**, the **Heads of Departments**, the HoD of MCA and BCA, and the Senior Management Team for their valuable contributions. We are especially grateful to **Mr. Harsh Raval**, **Mr. Jay Raval**, **Dr. Sudhira Panda**, **Mr. Deba Ranjan** and **Dr. Biswajit Mishra**, Pro Vice-Chancellor (Academics), for his motivating address. Our **appreciation** extends to the expert speakers of various Departments and the faculty mentors for guiding students throughout. Finally, heartfelt thanks to the **900 newly admitted students** whose enthusiastic participation made this orientation a grand success.

Glimpses of the Event :



The banner features the Centurion University logo on the left, which includes a circular emblem with a bird and the motto 'Shaping Lives... Empowering Communities...'. To the right of the logo, the text reads 'INDIA'S FIRST AND BEST SKILL UNIVERSITY' in blue and black. Below this, 'WELCOMES FRESHERS' is written in large red letters, followed by 'WE ARE EXCITED TO HAVE YOU ON BOARD!' in black. The central focus is 'ORIENTATION PROGRAMME' in large blue letters with a red outline, underlined. Below this is the Hindi word 'शुभारंभ' (Shubharambh) in a stylized font. Further down, '2025 BATCH' is written in large blue letters, underlined, followed by 'BHUBANESWAR CAMPUS' in red. At the bottom, a blue box contains the text 'Date: 6th August to 8th August 2025' in white. On the right side of the banner, there is a red and gold NAAC accreditation badge with 'A+' and 'ACCREDITED WITH GRACE'.









Attendees :

R. No - 2

CENTURIUM UNIVERSITY OF TECHNOLOGY AND MANAGEMENT, ODISHA School of Engineering and Technology, Bhubaneswar Orientation Programme (2025-26) Dt.07.08.2025			
Attendance Sheet			
Sr. No	Student Name	Registration No.	Department
1	Anubhava Kora	250301120037	B.tech CSE
2	Amrityami Pradhan	250301120036	B.tech CSE
3	Durgacharan Patra	250301120090	B.TECH. AI/ML
4	Subham Patra	250301120091	B.TECH. AI/ML
5	Anamansu DAKHTAR	250301120092	B.TECH. AI/ML
6	Rabish Kumar Behera	250301120086	BCA
7	Pranshu Ranjan Mahanty	250301120087	B.TECH. AI/ML
8	Dinesh Kumar Prusty	250301120088	B.tech AI/ML
9	Anurag Patil	250301120089	B.tech AI/ML
10	Naranshu Kumar Sahoo	250301120093	B.tech AI/ML
11	Govalkrushna Patra	250301120094	B.Tech AI/ML
12	Siddhant Mahapatra	250301120095	B.Tech AI/ML
13	Balaram Kori	250301120096	B.Tech AI/ML
14	Dipendu Pradhan	251207120004	Diploma Mining
15	Pragyanta Ghadai	250301120097	B.tech CSE
16	A. Bidyashan padhan	250301120098	B.tech CSE (AI/ML)
17	OM Prakash Mishra	250301120099	B.tech CSE (AI/ML)
18	Seerat Manzari	250720100039	MCA
19	Sourav Sahu	250720100088	MCA
20	Balpran Prusty	250301120100	B.tech CSE
21	Pradyumn Ku Baliaoingh	250301120099	B.tech CSE
22	Soumitra Ranjan Sahoo	251207160002	Diploma Automobile
23	Biswajit Sahoo	250301120155	B.tech CSE
24	Babraj Boborga	251207120002	Dip. mech.
25	Rohit Kera	251207120003	Dip. Mech.

Room No -1

CENTURIUM UNIVERSITY OF TECHNOLOGY AND MANAGEMENT, ODISHA School of Engineering and Technology, Bhubaneswar Orientation Programme (2025-26) Dt.11.08.2025			
Attendance Sheet			
Sr. No	Student Name	Registration No.	Department
1	Anusha Patra	250301120094	B.Tech (CSE) (AI/ML)
2	Sibananda Panda	250301120081	B.Tech CSE (AI/ML)
3	Ajay Kumar Mahapatra	250301120049	MCA
4	Rudra Prasad Patra	250301120005	B.Tech EEE
5	Dipti Ranjan Badi	250301120018	B.Tech (CSE) (AI/ML)
6	Omkar Pallawar	250301120163	B.Tech CSE (AI/ML)
7	Tarini Prasad Das	250301120158	B.Tech CSE (AI/ML)
8	Himanshu Malik	250301120097	B.Tech CSE (AI/ML)
9	Ahazim Haidan	250301120050	B.Tech CSE
10	Shalini Mani Rout	250301120077	B.Tech - Mech
11	Prityanshu Rout	250301120306	B.Tech CSE
12	Siddhant Mahapatra	250301120108	B.Tech. CSE
13	Mahesh Babu	250301120124	B.Tech (CSE) (AI/ML)
14	Himanshu Ranjan Sahoo	250301120029	B.Tech CSE (AI/ML)
15	Santosh Bikash Sahoo	250301120276	B.Tech CSE (AI/ML)
16	Tofan Sahoo	250301120011	B.Tech EEE
17	Purni Mishra	250301120067	B.Tech CSE (AI/ML)
18	Sijoni Samanta	250301120174	B.Tech (C.S.E)
19	Shubhashree Gini	250301120315	B.Tech (C.S.E)
20	Madhurika Mahapatra	250301120017	MCA
21	Biswajit Ranjan Taree	250301120107	MCA
22	Santoshika Sahoo	250301120019	MCA
23	Priyadarshini Pati	250301120218	MCA
24	Navya Singh	250301120281	B.Tech (CSE) (AI/ML)
25	Smrutirekha pradhan	250301120045	B.Tech CSE

R.No - 1

CENTURIUM UNIVERSITY OF TECHNOLOGY AND MANAGEMENT, ODISHA School of Engineering and Technology, Bhubaneswar Orientation Programme (2025-26) Dt.12.08.2025			
Attendance Sheet			
Sr. No	Student Name	Registration No.	Department
1	Ashish Kumar Tiwari	250301120099	BCA
2	Sourav Kumar Gupta	250301120020	BCA
3	Diptansu Sekhar Panigrahi	250301120019	B.TECH (MECH)
4	Bittu Rout	250301120026	B.TECH (MECH)
5	Md Saifurajjal Haque	250301120052	B.C.A
6	Anurag Jadhav	250301120167	B.Tech CSE (AI/ML)
7	Soumya Ranjan Malak	250301120146	MCA
8	Rudra Ranjan Sahoo	250301120277	B.Tech CSE
9	Pradyumn Prasad Mandal	250301120092	MCA
10	Satyajit Nayak	250301120288	B.Tech (CSE)
11	Rudra Ranjan Behera	250301120048	B.C.A
12	Subham Pradhan	250301120051	B.C.A
13	Aparajit Rout	250301120092	B.Tech CSE
14	Manisankar Patra	250301120169	B.Tech CSE
15	Dibyajyoti Sahoo	250301120081	MCA
16	Yupri Ranjan Jena	250301120023	MCA
17	Bishnu Prasad Patra	250301120020	MCA
18	Satyajit Nayak	250301120083	MCA
19	Pradyumn Patra	250301120263	B.Tech (AI/ML)
20	Mouli Das	250301120300	B.Tech CSE
21	Pratik Prasad	250301120299	B.TECH CSE (AI/ML)
22	Saraj Kumar Prusty	250301120197	B.TECH CSE (AI/ML)
23	Tofan Sahoo	250301120011	B.Tech EEE
24	Santosh Bikash Sahoo	250301120276	B.Tech CSE (AI/ML)
25	Rudra Sahoo	250301120042	B.Tech CSE

CENTURIUM UNIVERSITY OF TECHNOLOGY AND MANAGEMENT, ODISHA School of Engineering and Technology, Bhubaneswar Orientation Programme (2025-26) Dt.08.08.2025			
Attendance Sheet			
Sr.No	Student Name	Registration No.	Department
1	Govalkrushna Patra	250301120125	CSE AI/ML
2	Adarsh Singh	250301120311	ECE
3	Mukesh Kumar Behera	251207120009	Dip. MECH
4	Sankha Ranjan	251207120118	Diploma (Electrical)
5	Pradyumn Kumar Jena	250301120017	Diploma (CSE)
6	Aditya Behera	251207120001	Diploma (Electrical)
7	Santosh Prasad	251207120019	DIPLOMA MECH
8	Pragyanta Mahapatra	251207120003	Diploma (Automobile)
9	Himanshu Ranjan Sahoo	250301120029	CSE (AI/ML)
10	Harish Kumar	250301120321	CSE
11	Prityanshu Yadav	250301120003	B.Tech (Mining)
12	Siddhant Kumar Panda	250301120156	B.Tech (CSE) (AI/ML)
13	Deepak Choudhary	250301120329	B.Tech (CSE)
14	Santosh Kumar	250301120003	MCA
15	Arkit Das	250301120193	B.Tech (CSE) (AI/ML)
16	Subhankar Subudhi	250301120159	B.Tech (CSE) (AI/ML)
17	Biswajit Ranjan Patra	251207120086	Diploma (ME)
18	Mishra Anurag Raneman	250301120119	B.Tech (CSE)
19	Aditya Ranjan Jena	250301120069	B.Tech (CSE)
20	Anil Mohi	251207120001	Diploma Automobile
21	Su Tofan	251207120009	Diploma (Civil)
22	Siddhant Shafi	251207120003	Diploma (CSE)
23	Sudhakar	250301120012	BCA
24	Pradyumn Kumar Mahapatra	250301120060	BCA
25	Om Prakash Sahoo	250301120110	BCA