ANURAG UNIVERSITY

SDG-8 DECENT WORK AND ECONOMIC GROWTH 2025



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Executive Summary 2025

Career Development

Career-oriented initiatives provided students with insights into emerging technologies, data analytics and AI-driven career opportunities. Expert sessions helped students understand industry trends, identify career goals and develop strategies to translate their ambitions into professional pathways.

Industry Exposure

The Infosys industrial visit offered students first-hand exposure to a corporate work environment, including insights into recruitment practices, organizational structure, workplace culture and professional expectations. Interactions with industry professionals helped bridge the gap between academic learning and workplace requirements.

Industry–Academic Engagement

Participation in the ICT Academy Seminar provided NSS volunteers with practical experience in event coordination, crowd management and teamwork, while creating opportunities for networking and professional development.

Research and Innovation

Research contributions covered areas such as business intelligence, digital technologies, artificial intelligence, employment practices, industrial automation, cybersecurity, sustainable agriculture and productivity enhancement. These studies reflect efforts to address contemporary challenges in industry and the economy.

Outreach Programs

Career Development

The University provides students with opportunities to explore career pathways, understand industry expectations and develop skills relevant to their future careers.

The following event is one such initiative conducted during 2025.

Career mapping into tech: turning ambitions into actions

Date: 23-07-2025
Time: 09: 30 AM to 12::30 PM
Venue: D-Auditorium
No. of Participants:150

A one-day event titled "Tech Talks: Career Mapping into Tech – Turning Ambitions into Actions" was organized under the banner of Computer Society of India (CSI)

The objective of the event was to provide students with insights into emerging technologies, data analytics, and AI-driven careers, while motivating them to translate their ambitions into actionable career strategies.

Session 1:

Emerging Technologies

Speaker: Mr. Yadunandan STVSS, Director of Engineering and Chief Technical Architect, Hexaware Technologies

Mr. Yadunandan delivered an insightful session on emerging technologies, highlighting the latest advancements in cloud computing, automation, and AI-driven enterprise solutions. He emphasized the importance of being future-ready by adapting to the rapid technological changes. The session encouraged students to focus on innovation, problem-solving, and continuous learning.



Afternoon Session Speaker

Career Objective 2.0 – Data Analytics and AI Speaker: Dr. Kalyan Sarvepalli

Principal Consultant, Infosys

Dr. Kalyan shared his expertise on Data Analytics and Artificial Intelligence, positioning them as critical pillars of modern IT careers. He discussed real-world applications, industry use cases, and strategies for students to align academic learning with industry requirements. His session inspired

students to set clear career goals and work systematically toward achieving them.



Industry Exposure

The University provides students with opportunities to gain first-hand exposure to professional work environments and understand workplace practices and industry expectations.

The following event is one such initiative conducted during 2025.

Future in Focus: Infosys Exposure Visit

Date: 8th July 2025
Time: 10:00 AM to 4:00 PM
No. of Participants:100



The Department of Data Science at Anurag University, in collaboration with TASK, the CSI Professional Chapter, and the Data Analytics Club, successfully organized an industrial visit titled 'Future in Focus: Infosys Exposure Visit'. Held on 8th July 2025, this visit aimed to provide students with real-world exposure to corporate environments and give them an

understanding of the IT industry's operational, cultural, and professional landscapes.

The visit served as a valuable opportunity for budding data scientists to bridge the gap between classroom learning and industrial practices.

Objectives of the Visit

- To bridge the gap between academic learning and industrial practice.
- To expose students to corporate expectations, culture, and infrastructure.
- To provide insights into soft skills and behavioral traits that influence hiring.
- To motivate students through interaction with professionals and real-time work environments.

The visit took place at the Infosys campus, offering students a direct look into the workings of one of India's leading tech giants.

A highly engaging and informative session was conducted by Ms. Manasa Muralidhar, Learning and Development Associate at Infosys. She shed light on several important aspects:

- How behavioural attributes are evaluated during hiring processes.
- The corporate structure, managerial hierarchy, and shift hour policies at Infosys.
- Clarification of myths and doubts related to work culture and expectations.

Students had the opportunity to interact with Infosys employees during and after lunch, gaining insights into their day-to-day roles. A short yet meaningful tour of the campus, including a visit to the solar panel unit, highlighted Infosys's commitment to sustainable practices.

Key Highlights

- Recruitment behavioural traits
- Corporate structure & hierarchy
- Work policies & culture
- Clarification of myths about IT careers

Outcomes and Takeaways

- Clarity on soft skills and behavioural conduct
- Real-time project exposure enhanced internship readiness
- Networking opportunities with industry professionals
- Alignment of student expectations with corporate realities

Conclusion

The Future in Focus: Infosys Exposure Visit was a resounding success, acting as a bridge between the classroom and the corporate world. This experience empowered students to align their academic paths with their professional aspirations. It emphasized that preparing for the future requires not only technical skills but also behavioural adaptability and a learning mindset. The Department of Data Science extends its heartfelt gratitude to Infosys, TASK, CSI, and Data Analytics club for making this exposure visit both enriching and inspirational.


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AN INDUSTRIAL VISIT
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Industry–Academic Engagement

The University encourages interaction between students and industry-oriented platforms to help them gain insights into current professional practices, emerging trends and workplace requirements.

The following event is one such initiative conducted during 2025.

ICT Academy Seminar

Date: 14 February 2025

No. of Participants: 5 Volunteers

Outcome:

Volunteers gained crowd management skills while ensuring event discipline. They also received recognition, networking opportunities, and valuable experience for future roles.

The NSS volunteers did an amazing job volunteering at the ICT Academy seminar for students. They worked hard to ensure all attendees were disciplined. Their dedication and teamwork in organizing and managing contributed significantly to the success of the event, creating a positive impact on the students' overall experience.



Research Contributions

Anurag University's research contributions under SDG 8 highlight innovation in employment, productivity, industry, entrepreneurship, digital technologies, sustainable agriculture and industrial efficiency. The following publications demonstrate research across areas supporting economic growth, technological advancement and workplace development.

Title	Journal	Home Authors
Pedagogical approaches to collaborative learning: An analytical study	AIP Conference Proceedings	Mahammad Ghouse Shaik
A Deep Dive into Business Intelligence Using Cloud Environments	Journal of Science Computing and Engineering Research	Madar Bandu; R Poojitha
Use of Active, Collaborative and Problem based Learning Strategies in the Digital Circuits Course of Electronics and Communication Engineering	Journal of Engineering Education Transformations	Dr. Poli Lokeshwara Reddy; N Mangala Gouri; D Narendar Singh; Harish Pulluri
Enhanced productivity and nitrogen use efficiency in rice and maize with variable-grade urea polyacrylamide fertilizer in Indo-Gangetic plains, UP, India	Journal of Environmental Biology	J Suman
Seeds of Intelligence: Generative AI and the Rise of Collaborative Robots in Agriculture 6.0	Exploring Generative AI for Collaborative Robots in Agriculture 6.0	Ravi Aavula

Fake Job Posting Detection using Machine Learning Algorithms	2025 4th International Conference on Innovative Mechanisms for Industry Applications (ICIMIA)	K Ramakrishna Reddy
Adaptive Intrusion Detection System Towards Secure Internet of Things Enabled Intelligent Healthcare Industry	Lecture notes in networks and systems	G Sucharitha
Custom CNN Model for Healthcare Industry IoT Attack Detection and Classification	Smart Electronics Devices and Models for Healthcare Systems	G Suneetha; D Hari Priya
The Rise of Fractional Employment: An Empirical Analysis of HR Challenges in Managing Part-Time Experts in Tech Startups	Journal of Marketing and Social Research	Y Arun Kumar; P Bheemaiah
Assessing the significance of digital marketing and financial technologies on business performance	Multidisciplinary Reviews	Vundela Swathi
Evaluation of rice establishment strategies for productivity and water use effectiveness in plains	Multidisciplinary Reviews	Dheeravath Raju
Subsidies for fossil fuels and their effect on the renewable energy industry	Multidisciplinary Reviews	Manni Sruthi
Mechanisms for ensuring the security of collaborative robot systems in industrial settings	Multidisciplinary Reviews	Kothakonda Sairam

Next-Generation Federated Learning with Adaptive Trust Scoring for Secure Collaborative AI	2025 1st International Conference on Advancement in Futuristic Technologies (ICAFT)	Ramesh Babu Pittala; Dr. S JAYANTH; Dr. Medikonda Asha Kiran; T Manyam
Collaborative Robot Integration Strategies for Flexible Assembly Lines in Small-Medium Enterprises	International Academic Journal of Science and Engineering	Aitha Srividya