



REPORT ON INDUSTRY ACADEMIA CONCLAVE ON 8th AND 9th Nov. 2024

PSG Institute of Technology and Applied Research, in association with Industry Institute Interaction Cell, organized a two-day Industry Academia Conclave on the theme of “Artificial Intelligence in Engineering Innovation” on 8th and 9th November 2024 at PSG Convention Centre. Dr N Saravanakumar, Principal, welcomed the gathering and stated that such conclaves are very significant in helping students identify the needs and latest updates on front-end technologies. It was discussed that to improve the standard of the students, assessment patterns have been standardized. He added AI is one of the most transformative and impactful technologies of our time with significant importance across many aspects of society, industry, and human life. He opined such conclaves encourage interdisciplinary projects from students. Nineteen experts delivered their thoughts during the two-day event which included a special session for the faculty members. Further, he shared that theme-based technical talks have been arranged for all streams to make students understand the latest developments, potential demands, and expectations. Also, he thanked the heads of the departments and members of the faculty for identifying the experts and making the necessary arrangements. Dr P V Mohanram, Secretary, felicitated the guests and students during his speech. He spoke about how the Industry Institute Interaction cell works to enhance students’ knowledge. He briefed students on how Chat GPT works and encouraged them to improve their questioning attitude.

Inaugurating the Industry Academia Conclave 2023, Mr U Divakaran, Head of Solutions Architecture – GSI/ITS/ITES, Amazon Web Services (AWS), India, stated that unlearning, relearning and adapting to change are crucial parts in every field especially in the AI field as its history started in the 1950s it has been changing day by day. AI and ML has the power to personalize, predict and decide on its own using data. Generative AI is the most popular among people as everyone uses it for summarizing, asking questions and coding. The users should be very cautious as the generative AI will not always be 100 % accurate. He explained AI across engineering disciplines with examples from Electronics and communication, Civil, Mechanical, Electrical, Instrumentation, Computer science and IT. He discussed how AI has impacted in engineering processes like design, optimization and problem solving. He talked about the trends in AI, such as Generating AI, quantum computing and Edge AI. He asked the students to focus on developing their knowledge, skills, and attitude to sustain in any field in



PSG INSTITUTE OF TECHNOLOGY AND APPLIED RESEARCH

(Approved by AICTE and Affiliated to Anna University)
Neelambur, Coimbatore - 641062



the future. He advised the students to spend at least two hours per week for discussing the AI field and update themselves. He instructed the students to be ethical, as these technologies have their own darker sides, and urged them to maintain integrity while using them.

The inaugural session ended with a question and answer session. Around twenty experts from various industries like Amazon, Bosch, SERC, L&T, SAP labs India, Texas Instruments, and Caterpillar, interacted with students and faculty from various departments. Some of the experts include Mr Kousik Rajendran, Amazon, Banglalore, Ms. Nivedhithya Sundararasamy, Bosch Global Software Solutions, Coimbatore, Mr Ashwin Ram, AWS, Coimbatore, Dr Leon Raj, SERC, Assam, Mr S R Prasad Selvan, L&T Constructions, Chennai, Mr. Jitendra Ghanta, SAP Labs India, Banfalore, Mr B Aakash, Texas Instruments, Bangalore, Ms. Keerthivenii Senthilmaran, Caterpillar, Chennai and Mr M Kamal Prasath Balaji, CEO, Dotworld Technologies Pvt Ltd, Coimbatore.

All the students and faculty members attended the two-day event (8th and 9th October, 2024)



Mr U Divakaran, Head of Solutions Architecture – GSI/ITS/ITES, Amazon Web Services (AWS), India, addressing the participants during the Inauguration of Industry Academia Conclave held on 8th November 2024 at PSG Convention Centre.