

PSG INSTITUTE OF TECHNOLOGY AND APPLIED RESEARCH, COIMBATORE.

PRESS RELEASE

On Monday, 8th May, 2023, a Memorandum of Understanding (MoU) was signed between M/s Anabond Limited, Chennai, one of the leading producers of high-performance industrial adhesives and sealants that caters to the needs of a wide range of manufacturing industries, and M/s PSG Institute of Technology and Applied Research, Neelambur, Coimbatore, an institute approved by AICTE and affiliated with Anna University.

Principal Dr. G. Chandramohan, pointed out the Industry-Institute Interaction is for mutual benefit, and betterment of society at large is a need of the hour.

Mr. K. Adhinarayanan, Director, Anabond Limited, Chennai briefed the products developed and its various applications.

Prof. M. Alagar, Visiting Research Consultant, PSG Institutions, mentioned that the research team is currently developing cost effective and environmental friendly products.

The objective of the MoU is to collaborate academic and industrial research in the areas of mutual interest, in particular the waste-to-wealth concept. It is proposed to develop industrially valuable materials like epoxies, benzoxazines, urethanes, modified phenolics, novel catalysts, curing agents, hardeners, and accelerators, from sustainable sources to replace petroleum-based precursors. It is also aimed to develop cost-effective bio-polymer to utilize industrial wastes, agricultural residues, and by-product-based composite materials to protect the environment and ecology. The MoU aspires to develop sustainable raw materials for the production of polymeric materials and catalysts in alignment with the 'Make in India' initiative, with a goal to reduce the import of fossil materials and minimize environmental pollution. The industrially valuable polymeric products, catalysts, and accelerators developed through this collaboration will be applied in various fields including microelectronics, automobiles, railways, marine, and aerospace industries. Anabond Limited will support PSG iTech in developing lab-scale production of these products and PSG iTech will extend its help in transferring the required technology to develop economically viable industrial products.

As part of the MoU, there is a proposal to exchange scientists, academic researchers, and scholars to facilitate the sharing of knowledge and skill development.

Dr. G. Chandramohan, Principal, PSG iTech and Mr. M.S. Abraham, Joint Managing Director, Anabond Limited Chennai signed a MoU to collaborate for research in various dimensions of research activities.

Dr. P.V. Mohanram, Secretary, PSG iTech thanked the industry experts for their interest towards the collaboration and motivated the faculty members to focus more on research.