

Guest Lectures Organised by the Dept AY 2024-25

1. The Department organized a keynote lecture by Dr. S. Sridhar, Chief Scientist, IICT, Hyderabad, on *“Development of Indian Industry and Society through Innovative Chemical Engineering.”* The lecture highlighted the role of chemical engineers in driving industrial growth, sustainability, and societal development through innovation and research. Students gained valuable insights into emerging technologies and the importance of R&D in nation-building.



2. An invited talk was delivered by Prof. Sabrina Jedlicka, Lehigh University, USA, on *“Biomimicry – a Fascinating Discipline Focused on Emulating Models, Systems, and Elements of Nature to Solve Complex Human Challenges.”* The lecture introduced students to nature-inspired engineering solutions and interdisciplinary research, broadening their global and innovative perspectives.
3. Sri Ganesh Prasad Mishra, General Manager – Business Development, Biological E Limited, delivered a guest lecture on *“From Pathogens to Protection: The Journey of Vaccine Development.”* The session explained the end-to-end vaccine development process, regulatory aspects, and industry challenges, providing students with exposure to the biotechnology and pharmaceutical sectors.



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4. A guest lecture was delivered by Mr. B. Hari, General Manager, Hetero Group, on *"Opportunities and Future Scope for Chemical Engineers in Process Industries."* The session focused on industry expectations, career opportunities, and skill requirements in the pharmaceutical and process industries. The interaction motivated students to align their academic learning with industrial needs.



5. Dr. Arun K. Tangirala, Professor, IIT Tirupati, delivered a guest lecture on *"Advancing Your Career: Higher Studies and Research Pathways in Chemical Engineering."* The talk provided clarity on pursuing higher education, research opportunities, and interdisciplinary areas. Students were guided on preparation strategies for competitive exams and research-oriented careers.





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6. Mr. Pratik from Chart Industries, Hyderabad, delivered a guest lecture on *"Introduction to Safety Valve Sizing"* for III and V semester students. The session emphasized industrial safety standards, practical design considerations, and real-time applications in process industries. Students benefited from the industry-oriented approach and practical examples.



7. The Department organized a guest lecture by Prof. A. Srinivas and Prof. A. Ramesh from BITS Pilani, Hyderabad Campus, on *"Opportunities in Higher Education and R&D: Insights and Guidance."* The session provided detailed information on academic careers, research ecosystems, and funding opportunities, encouraging students to explore advanced studies and innovation-driven research.




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