

ABOUT INSTITUTION

Established in the year 1997 under the aegis of GMR Varalakshmi Foundation, GMR Institute of Technology is a self-financing Autonomous Engineering College approved by the All India Council for Technical Education (AICTE) and affiliated to Jawaharlal Nehru Technological University, Kakinada and accredited by NBA-AICTE.

Located in Rajam, Srikakulam district of Andhra Pradesh, GMRIT provides its learning community state-of-the-art facilities, infrastructure and competent faculty. The Institute encourages collaborative learning between industry and academia as a means of reinforcing its curriculum with practical and real-world experiences.

DEPT OF CHEMICAL ENGINEERING

The department is accredited by NBA of AICTE, New Delhi for 6 years in Tier-1 category. The department has the state of art infrastructure with well-equipped labs, computer center supported by experienced and qualified faculty members. The students of this department have their own stand in the performance by bagging Gold Medals at State level and competing in the global market.

ORGANIZING COMMITTEE

CHIEF PATRON

Dr. C.L.V.R.S.V. Prasad, Principal

PATRON

Dr. J. Murugadoss, Vice Principal

CO-PATRON

Dr. M. Krishna Prasad, HoD, Chemical Engg

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Dr. D. Tapas Kumar Dora
Associate Professor, Dept. of Chemical Engg.

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Dr. Shaik Shadulla
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Five Day Online Faculty Development Program

On "Green Technology towards Sustainable Future"

(8th – 12th March 2022)



Organized by

Department of Chemical Engineering
GMR Institute of Technology
Rajam-532127
Srikakulam (Dist.)
Andhra Pradesh, India

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RESOURCE PERSONS



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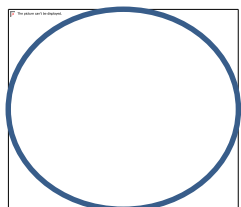
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Dr. Gaurav Bhattacharjee
NUS, Singapore

Content

- ✓ Carbon capture and sequestration
- ✓ Novel materials for environmental sustainability
- ✓ Renewable resources and sustainable analytics
- ✓ Nanotechnology and future effects of nanopollution/nanotoxicology
- ✓ Principles of Green Chemistry and Engineering
- ✓ Green Catalysis
- ✓ Novel Separation Techniques
- ✓ Waste valorization
- ✓ Fuels and Chemical generation via greener route



WHO CAN ATTEND?

Academicians from Engineering Colleges/ Universities/ Research Organizations/ Industrialists are eligible to attend the event.

REGISTRATION FEE

There is no registration fee for the participants. To register click on the following link.

E-certificates will be provided to each participants.

EVENT PLATFORM



<https://bit.ly/351zZrt>

* Same Link will be used for participating the event.

ABOUT PROGRAM

Chemistry and engineering are, and will certainly continue to be, the primary drivers for well-being, growth and sustainable development in the economy during this century. However, because of stringent government norms, public awareness, increasing concern towards ecology, biodiversity, environment and energy; an exponential inclination towards “Green Chemistry and Engineering” is being witnessed.

This is a concept which seeks to improve the environmental performance and safety of chemical processes and to reduce the risks to human and the environment of chemical products. Waste minimization and reductions in materials and energy consumption as well as in risk and hazard are the key features.

Furthermore, modifications in existing technology and development of new processes are very important not only to alleviate environment and energy-related problems but also for fast and flexible response to market need. The tools and techniques such as life cycle analysis are complimentary for designing sustainable processes and products. Green chemistry and engineering are allied and integral for a sustainable future.