

INSTITUTION

GMRIT was established in the year 1997 by GMR Varalakshmi Foundation – the corporate social responsibility arm of GMR Group. GMRIT offers aspiring engineers' high quality technical education. GMR Institute of Technology has come a long way since its inception and has carved a niche for itself in the corporate world. It is currently placed among the top 50 colleges in the country and among the top 5 colleges in the state of Andhra Pradesh. GMRIT provides its learning community state-of-the-art facilities, infrastructure, and a competent faculty. The Institute encourages collaborative learning between industry and academia as a means of reinforcing its curriculum with practical and real-world experiences. It is this emphasis on a well-rounded education that makes GMRIT a preferred institute among engineering colleges in India. GMRIT being an autonomous institute since 2012, has brought in several best practices in curriculum design, delivery, and assessment to keep up the pace with the dynamic industry requirements. GMRIT offers 8UG & 6PG programs. All B.Tech. Programs are accredited by NBA under Tier-1 complying with Washington Accord and the college is accredited as an 'A' grade institution by NAAC for the three consecutive cycles and certified with ISO 9001-2015. The institute has well established system to implement OBE. In the ranking done by NIRF-MHRD, GMRIT was in the band of 201-300 for the year 2024. Further, GMRIT was declared as the 1st best Clean & Smart campus by AICTE.



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AICTE Training and Learning (ATAL)
Academy sponsored
Faculty Development Program (FDP)

on

Bio-Printing of Tissues and Organs

An Evolution of Technology and Materials

NOVEMBER 18 -30, 2024

(2 Weeks- Offline)

Organized by

Department of Mechanical Engineering

GMR INSTITUTE OF TECHNOLOGY

(An Autonomous Institution affiliated to JNTUGV)

Accredited by NBA under TIER-1 and NAAC with A Grade

GMR Nagar, Rajam – 532 127

Srikakulam (Dist.) Andhra

Pradesh, INDIA

www.gmr.it.edu.in



In

Industry Collaboration with

ANDHRA PRADESH MEDTECH ZONE LTD (AMTZ)



Pragati Maidan

Visakhapatnam- 530031

Andhra Pradesh, INDIA

<https://www.amtz.in/>

About Department

The department of ME was established in the year 1997. It focuses on cutting-edge technologies and domain specific applications. It is also offering M.Tech (TE) and facilitates the evolution of skills in holistic development of students to attain higher degree of knowledge and global competency. The department have highly competent faculty with 23 doctorates and focusing majorly on research areas like Additive manufacturing, Alternative Fuels, Nano materials and coatings, smart materials, metal matrix composites, micro machining, bio-degradable polymers, reliability engineering. The department has 200+ Scopus indexed publications and the research projects funded by DST, BRNS, AICTE, etc. Further, the department has state-of-the art research equipment like Sinkers EDM, CNC Wire EDM, DC Sputtering, High energy Planetary Ball mill, ultrasonicator. It was accredited by NBA under Tier-I for 6 years and is recognized as research center by JNTUGV

Vision Of ATAL Academy

To empower faculty to achieve goals of Higher Education such as access, equity and quality

Delivery

In house (offline) Mode

Objectives of AICTE-ATAL

Academy is to plan and help in imparting quality technical education in the country and to support technical institutions in fostering research, innovation and entrepreneurship through training in various emerging areas.

Objectives of FDP

- To familiarize the participants to emphasize the importance of 3D Organ Printing Technology
- To enable the participants to understand the 3D bioprinting- challenges in commercialization & clinical translation
- To familiarize the participants with the 3D bioprinting techniques to fabricate tissue, organs, and biomedical parts
- To update about the current research trends in 3D Organ Printing Technology
- To enable the participants to solve the industry-based problems related to 3D Printing technology

Contact Person

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Targeted Participants

The faculty members of the AICTE approved institutions, research scholars, PG Scholars, participants from Government, Industry (Bureaucrats/Technicians/Participants from Industry etc.) and staff of host Institution.

- Last date for registration: **08.11.24**
- Intimation to Participants: **13.11.24**

Registration

- All the participants should register in the AICTE portal using the following link
- <https://atalacademy.aicte.india.org/signup>
- After initial registration in the portal, the participant should login into the website using his/her credentials
- In the participant login under the workshop tab, the participant should search the FDP using the title of the programme
- The participant after applying in their login, can check the status under the Applied workshops tab
- The no. of seats is limited to 30. If more applications towards registration are received, short-listing will be done based on the area of interest and academic background of the applicant.
- There is no registration fee for attending the workshop.

Eligibility for Certificate

- The certificates will be issued by ATAL academy to those participants who have attended the program with minimum 80% attendance, submission of 3-4 Page Article Summary, Project/ Live industry problem solving, Report/outcome of Industrial visit and Reflection Journal in the last session.