

# Our Alumni



**GANESH LAXMAN**  
Placed @  
Caterpillar  
2020-2022 Batch

"The M.Tech program @ Amrita turned out to be a blessing in disguise. The renowned faculty of the department, combined with pedagogic learning, has molded me into a smarter professional capable of analyzing engineering problems & making informed decisions, while also improving my personal psychograph. The environment created by the staff, students & administrators @ Amrita has prepared me for the real world."



**P. RAGHURAM**  
2018-2020 BATCH  
Pursuing Ph.D IISc, Bengaluru



**K.S. SRINATH KRISHNAN**  
2018-2020 Batch  
Assistant Manager  
Hyundai Motors

"Amrita is a campus with all of the necessary infrastructure, highly qualified faculty, and cutting-edge lab facilities. CIR training was so intense that the syllabus corresponds to the most recent trends in selection process. Department faculty are undoubtedly supportive in all needs and have shown us the path not only to academic excellence but also to becoming ideal human beings."

## PROGRAM HIGHLIGHTS

- BEST IN CLASS FACULTY
- STUDENT EXCHANGE & INTERNSHIP
- STATE OF THE ART INFRASTRUCTURE
- INDUSTRY FOCUSED CURRICULUM
- REAL-TIME INDUSTRY & RESEARCH PROJECTS
- SUPPORT FOR RESEARCH & INNOVATIONS

## TO KNOW MORE ABOUT THE DEPARTMENT

SCAN QR CODE



**SCHOLARSHIP & TEACHING  
ASSISTANTSHIP AVAILABLE FOR  
MERITORIOUS CANDIDATES...**



**Contact Us :**



044 481 35535



mtech@amrita.edu

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**nirf** 5th  
Best University

**A++**  
Grade **NAAC**  
NATIONAL ASSESSMENT AND  
ACCREDITATION COUNCIL



**AMRITA**  
VISHWA VIDYAPEETHAM

School of  
Engineering

DEPARTMENT of  
**MECHANICAL  
ENGINEERING**

**Coimbatore Campus**

**DST-FIST Sponsored Department**

**Postgraduate Programs**

**2023-24 Admission**

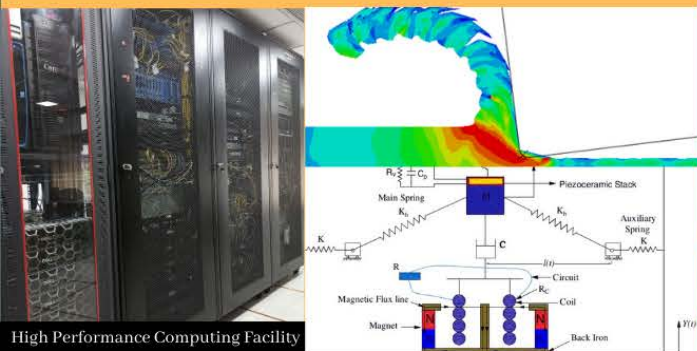


# M.TECH ENGINEERING DESIGN

## FOCUSES ON

- Product Design & Development,
- Computer Aided Engineering (CAE)
- Design Optimization
- Robotics & AI

High degree of research orientation using high performance computing for solving problems in Solid Mechanics, Fluid Dynamics, Mechanism Analysis & Synthesis and System Dynamics



High Performance Computing Facility



# M.TECH AUTOMOTIVE ENGINEERING

## FOCUSES ON

- Automotive System Design
- Vehicle Design & Development
- Vehicle Dynamic
- Hybrid & Electric Vehicles
- NVH
- Combustion & Emission Analysis

Amrita Automotive Research & Technology Center provides industry-standard comprehensive facilities to students in automotive testing and development in collaboration with leading industry partners.

# M.TECH MANUFACTURING ENGINEERING

## EMPHASIS ON

- Materials Development & Characterization
- Micro & Nano Manufacturing
- Industrial Automation & IoT
- Additive Manufacturing
- Process Modelling & Optimization
- Logistics and Supply Chain Management

## PROVIDES HANDS-ON EXPOSURE IN

- Ultra Precision High Speed Machining Center
- CNC Machines
- Industrial Robots
- Automated Welding stations
- Additive Manufacturing facility
- Vacuum Furnace
- Centrifugal and Stir Casting
- Tribological Testing Facility



## TOP RECRUITERS



# ABOUT THE DEPARTMENT

- 50+ QUALIFIED FACULTY MEMBERS
- 35+ PH.D. QUALIFIED FACULTY
- 15+ INDUSTRY EXPERIENCED FACULTY
- 20+ LABORATORIES & WORKSHOPS
- 8+ CUTTING EDGE RESEARCH CENTERS
- 40+ CRORES RESEARCH FUNDING
- 20+ SPONSORED RESEARCH PROJECTS
- 500+ PUBLICATIONS (LAST 5 YEARS)
- 12+ RESEARCH THRUST AREAS
- 35+ MOU'S

## PROMINENT COLLABORATIONS

