



**Muhammad Saqib  
Irshad**  
President Gold Medal  
Mech Engg-11



**Muhammad Usama**  
Chancellor Silver Medal  
Mech Engg-11



**Ibrahim Luqman**  
Rector Gold Medal  
Mech Engg-11

## About Us

Institute of Manufacturing Engineering was established in 2007 in Islamabad. It was renamed as School of Mechanical and Manufacturing Engineering in 2009. The School specializes in Mechanical Engineering, Design and Manufacturing Engineering, Robotics and Artificial Intelligence, Biomedical Engineering and Biomedical Sciences. It has world-class laboratories and faculty strength of 50 with more than 40 PhDs.

Department wise Graduates 2023			
Programs	UG	MS	PhD
Mechanical Engineering (ME)	143	57	-
Design & Manufacturing Engineering (DME)	-	23	-
Robotics Intelligent Machine Engineering (RIME)	-	26	1
Biomedical Engineering (BME)	-	18	-
Biomedical Sciences (BMS)	-	35	1

# SCHOOL OF MECHANICAL & MANUFACTURING ENGINEERING

## 11<sup>th</sup> CONVOCATION

25<sup>th</sup> Oct, 2023  
Jinnah Auditorium  
NUST H-12

## UG – MEDALISTS



**Syed M. Asghar Abbas**  
Rector Gold Medal  
Mech Engg-11



**Muhammad Arham**  
Rector Gold Medal  
Mech Engg-11



**Muhammad Ashir Atif**  
Rector Gold Medal  
Mech Engg-11

## PG – MEDALIST



**Naseh Jamal**  
ME-2019

## PG CERTIFICATE HOLDERS CGPA 4.0



**Shakeel Dilawar**  
DME-2020



**Ghani Khan**  
ME-2021



**Uzma Shafiq**  
BME-2020



<https://smme.nust.edu.pk/>



(051) 9085 6001



# ACADEMIC DEPARTMENTS



## DEPARTMENT OF MECHANICAL ENGINEERING

The Mechanical Engineering (ME) department is an integral part of SMME with 20 PhD faculty members. The mission of the ME program is to provide students with the fundamental knowledge, skills and experience necessary for successful careers. The department is equipped with UG and PG research laboratory equipment.

## DEPARTMENT OF DESIGN AND MANUFACTURING ENGINEERING

The Department of Design and Manufacturing Engineering (DME) is one of the key teaching and research department of SMME. It offers specialization in Manufacturing Engineering, Design Engineering, Industrial Engineering & Management. The department has acquired high-end laboratories that provide equipment for research and teaching purposes.

## DEPARTMENT OF AEROSPACE ENGINEERING

The Department of Aerospace Engineering meets the growing demand for aerospace-related experts. The department has several labs, including Aerodynamics, Aerostructures, Thermodynamics, Heat and Mass Transfer, Electrical and Electronics, Aerial Robotics, and Computational Aeronautics. It also has a Jet Engine lab, aircraft parts, and library facilities. The labs have modern facilities and apparatus to conduct testing and experiments.

## DEPARTMENT OF ROBOTICS AND ARTIFICIAL INTELLIGENCE

Department of Robotics & Artificial Intelligence at SMME (R&AI) was established in 2011. Mainly focused on postgraduate studies and research in the cutting-edge areas of Robotics, Mechatronics, Machine Intelligence, Control Systems, Machine Vision and Industrial Automation. The department is home to highly qualified faculty from leading universities in Japan, USA, UK and France.

## DEPARTMENT OF BIOMEDICAL ENGINEERING AND SCIENCES

The Department of Biomedical Engineering and Sciences (BMES) offers MS and Ph.D Programs in BME and BMS. Main emphasis is on medical research, innovation, and commercialization. Our curriculum integrates fundamental engineering disciplines with physical and life sciences while drawing on mathematics and computational sciences. By leveraging our intellectual communities and world-class resources we are at the forefront of discovery and innovation.

## MANUFACTURING RESOURCE CENTRE

MRC has the capability to train and educate more than 1200 UG students for their workshop technology courses annually. MRC is providing support to all engineering schools of NUST H-12 campus that have Manufacturing or Workshop Practice courses in their curriculum. It provides support and facilitates students in their project work both at Under and Post Graduate levels.

## NATIONAL CENTRE OF ARTIFICIAL INTELLIGENCE

National Centre of Artificial Intelligence (NCAI) is operating under the umbrella of the Higher Education Commission. NCAI is a consortium of 9 labs selected through competitive evaluation and established at 6 leading Universities in Pakistan; NUST Islamabad, UET Peshawar, NED UET Karachi, CUI Islamabad, PU Lahore and UET Lahore. The headquarters of NCAI is at National University of Science and Technology (NUST), Islamabad Campus H-12.

