

List of Subjects Offered to Exchange/Short-term Non-local Study Students for Semester 2 (Spring) 2024/25
Department of Mechanical Engineering (ME)

Subject Code	Subject Name	Credits	Eligible Student Type [see *]	Limitation [see **]	Eligible Student (Year 1) (Y/N)	Eligible Student (Year 2) (Y/N)	Eligible Student (Year 3) (Y/N)	Eligible Student (Year 4 or above) (Y/N)
ME31002	LINEAR SYSTEMS AND CONTROL	3	All	N/A	N	need to fulfill pre-requisite	Y	Y
ME32001	MANUFACTURING FUNDAMENTALS	3	All	N/A	N	need to fulfill pre-requisite	Y	Y
ME32002	ENGINEERING DESIGN FUNDAMENTALS	3	All	N/A	N	need to fulfill pre-requisite	Y	Y
ME33001	MECHANICS OF MATERIALS	3	All	N/A	N	need to fulfill pre-requisite	Y	Y
ME34003	THERMOFLUID MECHANICS	3	All	N/A	N	need to fulfill pre-requisite	Y	Y
ME34004	FLUID MECHANICS	3	All	N/A	N	need to fulfill pre-requisite	Y	Y
ME41004	MECHATRONICS AND CONTROL	3	Priority given to ME students	N/A	N	need to fulfill pre-requisite	need to fulfill pre-requisite	Y
ME42001	ARTIFICIAL INTELLIGENCE IN PRODUCTS	3	Priority given to ME students	N/A	N	need to fulfill pre-requisite	need to fulfill pre-requisite	Y
ME42004	DEVELOPMENT OF GREEN PRODUCTS	3	Priority given to ME students	N/A	N	need to fulfill pre-requisite	need to fulfill pre-requisite	Y
ME42005	CAD/CAE TECHNOLOGIES FOR PRODUCT DEVELOPMENT	3	Priority given to ME students	N/A	N	need to fulfill pre-requisite	need to fulfill pre-requisite	Y
ME42007	DESIGN FOR PRODUCT SAFETY AND RELIABILITY	3	Priority given to ME students	N/A	N	need to fulfill pre-requisite	need to fulfill pre-requisite	Y
ME42011	FUNDAMENTALS OF ROBOTICS	3	Priority given to ME students	N/A	N	need to fulfill pre-requisite	need to fulfill pre-requisite	Y
ME44008	AIR CONDITIONING FOR INDOOR AIR QUALITY	3	Priority given to ME students	N/A	N	need to fulfill pre-requisite	need to fulfill pre-requisite	Y
ME45002	AIRCRAFT SYSTEMS	3	Priority given to ME students	N/A	N	need to fulfill pre-requisite	need to fulfill pre-requisite	Y
ME46002	NUMERICAL METHODS FOR ENGINEERS	3	Priority given to ME students	N/A	N	need to fulfill pre-requisite	need to fulfill pre-requisite	Y
ME46003	NUMERICAL FLUID MECHANICS AND HEAT TRANSFER	3	Priority given to ME students	N/A	N	need to fulfill pre-requisite	need to fulfill pre-requisite	Y

Remarks:

* Eligible Student Type

'ALL' = open to all exchange/short-term non-local study students including those admitted to other departments

'Dept' = open to exchange/short-term non-local study students who are admitted to this department only

** Limitation

'N/A' = open to all exchange/short-term non-local study students

'(programme code and/or stream code)' = only open to exchange/short-term non-local study students who are enrolled in specific discipline/stream/programme