

**NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA-136119**

No.Acad./OE/24/2102

Dated: 17.12.2024

Allotment of Open Elective Courses

The students who are presently studying in 1st Semester of M.Tech. Degree programmes are required to choose one Open Elective (OE) OR Programme Elective (PE) course to be studied in the 2nd semester (Even Semester) of Academic Session 2024-25 as per syllabi and scheme of the M.Tech. Degree programmes. ***The Open Elective is mandatory for all specializations of Mechanical Engg. Deptt. (as per scheme and syllabi) only. For other specialization students, it is optional and these students can opt for Open Elective or can study Programme Elective of their department.***

The Open Elective course code, name of the course and no. of seats available for the students of various disciplines/Departments are mentioned in the enclosed list.

The students who are interested to study Open Elective instead of Programme Elective are advised to fill/indicate their maximum preferences/choices as applicable to their M.Tech. programme in the Google form (link for Open Elective for 2nd semester) latest by **24.12.2024 (Tuesday)**, 05.00 PM positively.

The students are required to fill the form using nitkkr domain email id only. It is to be noted that one student can fill one form only, therefore please fill the form with utmost care. The file name of the uploaded documents (in pdf format) must be the roll number of the student and the size of the document is maximum 01 MB (i.e. 324102101.pdf)

It is possible that some courses may not be offered if the number of students opting for the courses is less than 5. In such cases the students would be allotted next preference opted by them if seats are available. In case student is not in a position for allocation as per his/her choice and merit based on **GATE score/Qualifying degree marks or CGPA**, he/she has to study program elective offered by his/her department/School

It is requested to carefully fill maximum choices applicable to his/her branch in his/her preferred order. The Academic Section will not able to change courses one allocation is made.

The list of allotment and roll sheet for Open Elective will be published on Institute website on or before **08.01.2025**

Awnish
Faculty I/c. (Academic) 17/12/2024

Encls: as above

1. All Heads of the teaching Departments/School coordinators
2. Prof. I/c (CCN) with a request to upload on the Institute website.
3. AR to Director for kind information of the Hon'ble Director.

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LIST OF OPEN ELECTIVE OF M.TECH. 2ND SEMESTER FOR ACADEMIC YEAR. 2024-25

SR. NO.	DEPTT./ SCHOOL	COURSE CODE	COURSE NAME	ELIGIBILITY	NO. OF SEATS OFFERED
1	SREE	MSR1C02	Solar Photovoltaic Systems	Electrical, Physics, Mechanical, ECE	10
2	SREE	MSR1C04	Bio-Energy Technologies	Electrical, Physics, Mechanical, ECE	10
3	SREE	MSR1E32	Energy Efficient Buildings	Electrical, Physics, Mechanical, ECE	10
4	SREE	MSR1E40	Waste Management and Energy Generation Technologies	Electrical, Physics, Mechanical, ECE	10
5	Physics	MPH1O72	Advanced Laser Techniques and Devices	All M.Tech Programms	10
6	Physics	MPH2O74	Energy Materials and Devices	All M.Tech Programms	10
7	Electrical	MEE1O82	Reliability Engineering	All M.Tech Programms	25
8	Electrical	MEE1O72	Robot Dynamics & Control	All M.Tech Programms	25
9	Electrical	MEE1O74	Cyber Physical Systems	All M.Tech Programms	25
10	Electrical	MEE1O76	Event Based Control	All M.Tech Programms	25
11	Electrical	MEE1O80	Instrumentation in Control	All M.Tech Programms	25
12	Electrical	MEE2O72	Distributed Generation & Micro-Grids	All M.Tech Programms	25
13	Electrical	MEE3O74	Wind Energy Conversion Systems	All M.Tech Programms	25
14	Electrical	MEE3O76	Power Converters for Renewable Energy Systems	All M.Tech Programms	25
15	Mechanical	MME2E52	Strategic Entrepreneurship	All M.Tech Programms (except M.Tech. PIE)	30
16	Mechanical	MME2C07	Experimental Design	All M.Tech Programms (except M.Tech. PIE)	25
Total					315

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