NATIONAL INSTITUTE OF TECHNOLOGY KURUKSHETRA
(ACADEMIC SECTION)

No. Acad./OE/24-25/2009   December 2, 2024

Allotment of Open Elective Course

The students who are registering for 6th Semester of B.Tech. Degree programs are required to choose one Open Elective (OE) course to be studied in the 6th Semester (Even Semester) of Academic Session 2024-25 as per syllabi and Scheme of the B.Tech. Degree programs. The OE course code, name of the course, no. of seats available and eligible branches are given in the enclosed list.

The students are advised to fill their maximum preferences/choices as applicable to their respective B.Tech program, on the Institute website https://nitkkr.ac.in/academic-notifications/ latest by **10.12.2024 (Tuesday),** 5:00 pm positively.

It is possible that some courses may not be offered if the number of students opting for the course is less than 10. In such cases the students would be allotted next preference opted by him/her. In case student is not in a position for allocation as per his/her choice on account of low merit/less options opted by him/her, he/she will be allotted the course as per the availability of the seats & as per his/her relative merit on the basis of CGPA of 4th semester.

It is requested to carefully fill maximum choices applicable to respective branch in the preferred order. The Academic Section will not change order of filled choices once the open elective subjects are allotted.

The HoDs of teaching departments are kindly requested to allot Program Elective (PE) to the students of 6th semester of B.Tech. programs offering by respective departments.

Note:

1) Students must use their institute email address to log in and fill their choices.
2) Students are advised to carefully review the syllabus of open electives before submitting their choices.
3) No further extension of the deadline to fill the choices for open electives will be granted.
4) Students who fail to submit their preferences will be allotted courses randomly.
5) The course allotted to a student will not be changed under any circumstances after the allotment.

Sd/-

Faculty I/c (Academic)

Notice Boards (Boys and Girls Hostels)
Notice Boards (Institute)
Notice Boards (Library)

Encls: as above

Copy to:

1. All Heads of the teaching Departments
2. Faculty I/c (Website) with a request to upload on the institute website
3. AR to Director for kind information of the Hon'ble Director

NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA

LIST OPEN ELECTIVE COURSES FOR EVEN SEMESTER 2024-25

B.Tech. 6th Semester

Sr. No.	Course Code	Course Name	Eligible Branches	No. of seats
1	CEOE-308	Draught & Flood	All Branches (Except CE)	70
2	CEOE-310	Sustainable Infrastructure		70
3	CSOE-302	Design and Analysis of Algorithms	EC, CE	210
4	ITOE-302	Design and Analysis of Algorithms		140
5	EEOE-305	Power Electronics Systems	All Branches (Except EE)	70
6	EEOE-306	Elements of Power Systems Engineering		70
7	EEOE-307	Renewable Power Generation Systems		70
8	EEOE-308	Fuzzy Systems and Applications		70
9	ECOE-303	Wireless Communication	All Branches (Except EC)	70
10	ECOE-304	Logic Design and Analysis using Verilog		70
11	HSOE-305	Human Behaviour at Workplace	All Branches	70
12	HSOE-306	Intellectual Property Rights		70
13	CHOE-302	Bio and Chemical Sensors	CE, EC, EE, ME, PIE	80
14	PHOE-303	Physics of Advanced Semiconductor Devices	All Branches	70
15	PHOE-304	Optical Fiber Communication Systems		70
16	MEOE-432	Renewable Energy Systems	All Branches (Except ME & PIE)	70
17	PIOE-427	Industrial Engg. & Management		70
18	PIOE-428	Total Quality Management		70
19	PIOE-429	Logistics & Supply Chain Management		70

CE	-	Civil Engineering
CoE	-	Computer Engineering
IT	-	Information Technology
EE	-	Electrical Engineering
EC	-	Electronics & Communication Engineering
ME	-	Mechanical Engineering
PIE	-	Production & Industrial Engineering

No. Acad./OE/24-25/2010   December 02, 2024

Allotment of Open Elective Course
(Civil, ECE, Comp & IT)

The students who are registering for 8th Semester of B.Tech. Degree programmes are required to choose one Open Elective (OE)/Program Elective (PE) course to be studied in the 8th Semester (Even Semester) of Academic Session 2024-25 as per syllabi and Scheme of the B.Tech. Degree programmes. The CE, ECE & CoE have included one OE while EE & ME Department have included one PE in place of OE as per scheme & syllabi of respective B.Tech. programs of their department. The OE course code, name of the course, no. of seats available and eligible branches are given in the enclosed list.

The students of B.Tech. Civil Engg., EC Engg., Computer Engg. & Information Technology programs are advised to fill/indicate their maximum preferences/choices as applicable to their respective B.Tech program, on the Institute website https://nitkkr.ac.in/academic-notifications/ latest by **10.12.2024 (Tuesday),** 5:00 pm positively.

It is possible that some courses may not be offered if the number of students opting for the course is less than 10. In such cases the students would be allotted next preference opted by him/her. In case student is not in a position for allocation as per his/her choice on account of low merit/less options opted by him/her, he/she will be allotted the course as per the availability of the seats & as per his/her relative merit on the basis of CGPA of 6th semester.

It is requested to carefully fill maximum choices applicable to respective branch in the preferred order. The Academic Section will not change order of filled choices once the open elective subjects are allotted.

The HoDs of EE & ME departments are kindly requested to allot PE to the students of the 8th semester of B.Tech. Electrical Engg., Mechanical Engg. and Production & Industrial Engg. program offering by respective departments.

Note:
1) Students must use their institute email address to log in and fill their choices.
2) Students are advised to carefully review the syllabus of open electives before submitting their choices.
3) No further extension of the deadline to fill the choices for open electives will be granted.
4) Students who fail to submit their preferences will be allotted courses randomly.
5) The course allotted to a student will not be changed under any circumstances after the allotment.

Sd/-
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NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA

LIST OPEN ELECTIVE COURSES FOR EVEN SEMESTER 2024-25

B.Tech. 8th Semester

Sr. No.	Course Code	Course Name	Eligible Branches	No. of seats
1	CEOE-16	Hydro Power Engineering	All Branches	70
2	CEOE-18	Advanced Concrete Technology	All Branches	70
3	ECOE-80	Microcontrollers	CoE & IT	75
4	ECOE-81	Sensor Technology	CoE & IT	75
5	PHOE-10	Laser Technology	All Branches	120
6	PHOE-14	Ultrasonic and Applications	All Branches	120
7	CSOE-40	Database System	CE, EC	160
8	CSOE-42	Soft Computing	CE, EC	160
9	ITOE-40	Database System	CE, EC	160
10	ITOE-42	Soft Computing	CE, EC	160
11	CHOE-11	Functional Materials	All Branches	80
12	CHOE-13	Bio and Chemical Sensors	All Branches	80

EC   -   Electronics and Communication Engineering

CE   -   Civil Engineering

CoE   -   Computer Engineering

IT   -   Information Technology