

PAAVAI ENGINEERING COLLEGE, NAMAKKAL – 637018

(AUTONOMOUS)

ACADEMIC YEAR 2024-2025

6th SEMESTER B.E./B.TECH. PROGRAMMES

INSTRUCTIONS TO THE CANDIDATES


02.01.2025

The following guidelines have to be followed by the 6th semester B.E./B.Tech. candidates admitted during the academic year 2022-2023, under Regulations 2019 in choosing the open elective courses.

1. The candidate have to choose **TWO** open elective courses during the period of study, i.e **ONE** course in the 6th semester of the programme and **SECOND** course in the 7th semester of the programme.
2. The **TWO** open elective courses have to be **COMPULSORILY** opted and studied from the open elective courses offered by the **other department(s) only**.
3. The candidates shall choose and study the open elective course assigned in the 6th semester of the degree programme as provided **in the enclosed list of courses**.
4. There is **NO** pre-requisite course need to be completed for studying the open elective courses.
5. The open elective course will be offered to the candidates by the respective departments, provided that, if minimum of 30 candidates had registered for that particular open elective course.
6. The candidates are informed to register the open elective course that they are willing to choose and study in the 6th semester of the degree programme through the web registration link available in our college COE portal using their register number and date of birth.
7. The open elective courses are offered **ON FIRST CUM FIRST SERVE BASIS** and each open elective course shall accommodate a maximum number of candidates as mentioned against the course provided in the list of courses. Once the maximum candidates had registered on first cum first serve basis for that particular course, the candidate has to choose other open elective course.
8. The open elective course once registered shall not be changed or altered at any circumstances. Hence the candidates should be careful in registering the open elective course. Also they are informed to refer the syllabus content of the open elective course before registering the particular course.
9. The candidates shall refer the syllabus of the open elective courses available in our college website.

Kind Attn. to HODs:

The HODs are informed to circulate among the students and inform the candidates to register the open elective courses through the web registration link available in our college COE portal on or before 04.01.2025, 5 pm.


CONTROLLER OF EXAMINATIONS


PRINCIPAL


Encl.: List of open elective courses offered by the departments.


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LIST OF OPEN ELECTIVE COURSES OFFERED

S.No.	Department offering the OEC	Code & Name of the Open Elective Course	Max. no. of students accommodated	Open to all departments EXCEPT
1	Aeronautical	AE20901 – Fundamentals of Aircraft Engineering	60	Aero
2	Agriculture	AI20901 – Landscape Design and Site Planning	60	Agriculture
3	Civil	CE20901 – Building Services	60	Civil
4	CSE	CS20901 – Database Management Systems	60	CSE, IT, CSE(IOT) , CSE(AI&ML) & Cyber
5	CSE	CS20902 – Introduction to Block chain Technology	60	
6	IT	IT20901 – Information Technology Essentials	60	
7	Cyber Security	CY20901 – Information Security Risk Management	60	
8	Cyber Security	CY20902 – Cyber Crime and Cyber Laws	60	
9	CSE (IOT)	CI20902 - Software Project Management	60	
10	ECE	EC20901 – Consumer Electronics	60	
11	ECE	EC20902 – Principles of Modern Communication Systems	60	ECE & BME
12	EEE	EE20901 – Basics of Power Electronics	60	EEE & MCT
13	Mechanical	ME20901 – Renewable Energy Sources	60	Mech. & MCT.
14	Mechanical	ME20902 – 3D Printing	60	Aero, Mech. R&A & MCT
15	Mechatronics	MT20901 – Non-Destructive Testing	60	Mech & MCT
16	Biomedical	BM20901 – Industrial Nanotechnology	60	BME
17	Rob. & Auto	RA20901 – Computer Aided Inspection and Testing	60	R&A, Mech, MCT,S&FE
18	Chemical	CM20901 – Solid Waste Management	60	Agriculture, Civil & Chemical
19	Pharmaceutical	PT20902 – Medicinal Natural Products	60	Pharmaceutical
20	Food	FT20901 – Fundamentals of Food Processing	60	Food
21	Biotechnology	BT20901 – Bioenergy and Biofuels	60	Biotechnology


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