

Annexure – III
Basket of Open Electives

**LIST OF OPEN ELECTIVES
OFFERED BY
CIVIL ENGINEERING BOS**

(Students of Civil Engineering will not be able to opt these OE courses)

S.NO	SEMESTER	COURSE CODE	COURSE NAME
1	3 rd sem	BOE3T01	Building Construction Materials and
2	4 th sem	BOE4T02	Environmental Management
3	5 th sem	BOE5T03	Introduction to Vastushastra

**LIST OF OPEN ELECTIVES
OFFERED BY
COMPUTER ENGINEERING BOS**

(Students of CSE/CT/IT/CE and related branches will not be able to opt these OE courses)

(Effective from Session 2024-25)

Open Elective-I (T + P)

S. N.	Semester	Course Code	Name of Subject
1	3rd sem.	BOE3T01A	Python Programming
2	3rd sem.	BOE3T01B	Fundamentals of Algorithms
3	3rd sem.	BOE3T01C	Database Management System

Open Elective-II (T)

S. N.	Semester	Code	Name of Subject
1	4th sem.	BOE4T02A	Object Oriented Concepts
2	4th sem.	BOE4T02B	Cyber Laws
3	4th sem.	BOE4T02C	Operating System

Open Elective-III (T)

S.N.	Semester	Code	Name of Subject
1	5th sem.	BOE5T03A	Data Visualization
2	5th sem.	BOE5T03B	Data Science
3	5th sem.	BOE5T03C	Computer Networks

LIST OF OPEN ELECTIVES

OFFERED BY

COMPUTER SCIENCE & ENGINEERING BOS

(Students of CSE/CT/IT/CE and related branches will not be able to opt these OE courses)

Open Elective-I (T + P)

S. N.	Semester	Course Code	Name of Subject
1	3rd sem	BOE3T01A	Python Programming
2	3rd sem	BOE3T01B	Fundamentals of Algorithms
3	3rd sem	BOE3T01C	Database Management System

Open Elective-II (T)

S. N.	Semester	Code	Name of Subject
1	4th sem.	BOE4T02A	Object Oriented Concepts
2	4th sem.	BOE4T02B	Cyber Laws
3	4th sem.	BOE4T02C	Operating System

Open Elective-III (T)

S.N.	Semester	Code	Name of Subject
1	5th sem.	BOE5T03A	Data Visualization
2	5th sem.	BOE5T03B	Data Science
3	5th sem.	BOE5T03C	Computer Networks

LIST OF OPEN ELECTIVES
OFFERED BY
COMPUTER TECHNOLOGY BOS

(Students of CSE/CT/IT/CE and related branches will not be able to opt these OE courses)

Open Elective-I (T + P)

S. N.	Semester	Course Code	Name of Subject
1	3rd sem	BOE3T01A	Python Programming
2	3rd sem	BOE3T01B	Fundamentals of Algorithms
3	3rd sem	BOE3T01C	Database Management System

Open Elective-II (T)

S. N.	Semester	Code	Name of Subject
1	4th sem.	BOE4T02A	Object Oriented Concepts
2	4th sem.	BOE4T02B	Cyber Laws
3	4th sem.	BOE4T02C	Operating System

Open Elective-III (T)

S.N.	Semester	Code	Name of Subject
1	5th sem.	BOE5T03A	Data Visualization
2	5th sem.	BOE5T03B	Data Science
3	5th sem.	BOE5T03C	Computer Networks

LIST OF OPEN ELECTIVES

OFFERED BY

INFORMATION TECHNOLOGY BOS

(Students of CSE/CT/IT/CE and related branches will not be able to opt these OE courses)

Open Elective-I (T + P)

S. N.	Semester	Course Code	Name of Subject
1	3rd sem	BOE3T01A	Python Programming
2	3rd sem	BOE3T01B	Fundamentals of Algorithms
3	3rd sem	BOE3T01C	Database Management System

Open Elective-II (T)

S. N.	Semester	Code	Name of Subject
1	4th sem.	BOE4T02A	Object Oriented Concepts
2	4th sem.	BOE4T02B	Cyber Laws
3	4th sem.	BOE4T02C	Operating System

Open Elective-III (T)

S.N.	Semester	Code	Name of Subject
1	5th sem.	BOE5T03A	Data Visualization
2	5th sem.	BOE5T03B	Data Science
3	5th sem.	BOE5T03C	Computer Networks

LIST OF OPEN ELECTIVES
OFFERED BY
ELECTRICAL ENGINEERING BOS

(Students of Electrical Engineering will not be able to opt these OE courses)

S.N.	Semester	Course code	Course name
1	3 rd SEM	BOE3T01	Power Electronic Devices & Machines
2	4 th SEM	BOE4T02	Introduction to Power Systems
3	5 th SEM	BOE5T03	Power Plant Engineering

LIST OF OPEN ELECTIVES
OFFERED BY
ARTIFICIAL INTELLIGENCE BOS

S.NO	SEMESTER	COURSE CODE	COURSE NAME
1	3 rd sem	BOE3T01	Fundamentals of AI
2	4 th sem	BOE4T02	Cloud Computing
3	5 th sem	BOE5T03	Software Testing

LIST OF OPEN ELECTIVES
OFFERED BY
ARTIFICIAL INTELLIGENCE – DATA SCIENCE

S.NO	SEMESTER	COURSE CODE	COURSE NAME
1	3 rd sem	BOE3T01	Fundamentals of Data Science
2	4 th sem	BOE4T02	Python for DataScience
3	5 th sem	BOE5T03	Big Data Analytics

LIST OF OPEN ELECTIVES
OFFERED BY
ARTIFICIAL INTELLIGENCE – MACHINE LEARNING

S.NO	SEMESTER	COURSE CODE	COURSE NAME
1	3 rd sem.	BOE3T01	Fundamentals of Machine Learning
2	4 th sem.	BOE4T02	Big Data Analytics
3	5 th sem.	BOE5T03	Statistical Computing with R

LIST OF OPEN ELECTIVES
OFFERED BY
INDUSTRIAL INTERNET OF THINGS

S.NO	SEMESTER	COURSE CODE	COURSE NAME
1	3 rd sem.	BOE3T01	IOT & Its Applications
2	4 th sem.	BOE4T02	Embedded System for IOT
3	5 th sem.	BOE5T03	Industrial IoT

LIST OF OPEN ELECTIVES
OFFERED BY
ROBOTICS & ARTIFICIAL INTELLIGENCE

S.NO	SEMESTER	COURSE CODE	COURSE NAME
1	3 rd sem.	BOE3T01	Applications of AI in Robotics
2	4 th sem.	BOE4T02	Robot Sensor Technology
3	5 th sem.	BOE5T03	Field and Service Robotics

**LIST OF OPEN ELECTIVES
OFFERED BY
ELECTRONICS AND TELECOMMUNICATION ENGINEERING BOS**

(Students of Electronics and Telecommunication Engineering will not be able to opt these OE courses)

S.NO	SEMESTER	COURSE CODE	COURSE NAME
1	3 rd SEM	BOE3T01	Electronic Sensors for Industrial Applications
2	4 th SEM	BOE4T02	Electronics in Agriculture
3	5 th SEM	BOE5T03	Fuzzy logic and Neural Network

LIST OF OPEN ELECTIVES (OE)

OFFERED BY

FIRE ENGINEERING-BOS

(Students of Fire Engineering will not be able to opt these OE courses)

S. N.	Semester	Course code	Course name
1	3 rd SEM	BOE3T01	Basic Concepts of Fire & Safety
2	4 th SEM	BOE4T02	Fire Command and Control System
3	5 th SEM	BOE5T03	Disaster Management

LIST OF OPEN ELECTIVES

OFFERED BY

MECHANICAL ENGINEERING BOS

(Students of Mechanical Engineering will not be able to opt these OE courses)

S.NO	SEMESTER	COURSE CODE	COURSE NAME
1	3 rd SEM	BOE3T01	Introduction to Electric Vehicles
2	4 th SEM	BOE4T02	Operation Research Techniques
3	5 th SEM	BOE5T03	Entrepreneurship Development