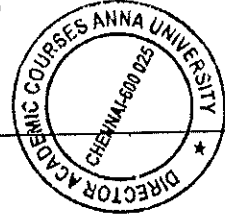




Off: 22357077 / 73
22357074
Fax / Dir : 22352272

CENTRE FOR ACADEMIC COURSES
ANNA UNIVERSITY
CHENNAI – 600 025



Dr. S. HOSIMIN THILAGAR
DIRECTOR

Lr. No.4572/AU/CAC/OE/2022

08.08.2022

To
Head of the Departments/Divisions/Centres
CEG/ACT and SAP Campus
Anna University,
Chennai – 25.

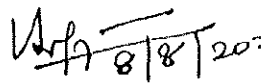
Sir / Madam,

Sub: AU – CAC – University Departments – UG Degree Programmes – R-2019
(CBCS) – List of Open Electives (ODD Semester) - Reg.

With reference to the letter cited above, as per the Regulations 2019 Open Electives are to be offered to all UG programmes. The list of Open Electives offered by the various departments are enclosed herewith.

Note: Students of a particular UG programme can select the Open Electives offered by other UG programmes **only**.

Yours faithfully,


DIRECTOR

Encl: as above

Copy to:

1. Faculty Chairperson – Civil/Mechanical/Electrical/I & CE/Technology/S&H.
2. The Additional Controller of Examinations, University Departments,
Anna University, Chennai – 600 025.
3. The Stock File, CAC.

**LIST OF OPEN ELECTIVES
TO BE OFFERED IN THE ODD SEMESTER (CEG / ACT / SAP CAMPUS)**

R-2019

FACULTY OF CIVIL ENGINEERING								
SL. NO.	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
Department of Civil Engineering								
B.E. Civil Engineering								
1.	CE5791	Basics of Traffic Management	OE	3	3	0	0	3
2.	CE5792	Environmental Remediation Technologies	OE	3	3	0	0	3
3.	CE5793	Climate Change Adaptation And Mitigation	OE	3	3	0	0	3
B. E. Geoinformatics								
4.	GI5791	Computer Vision and Satellite Image Processing	OE	3	3	0	0	3
5.	GI5792	Remote Sensing Concepts	OE	3	3	0	0	3
FACULTY OF MECHANICAL ENGINEERING								
DEPARTMENT OF MECHANICAL ENGINEERING								
B.E. Mechanical Engineering								
1.	ME5791	Energy Auditing and Conservation	OE	3	3	0	0	3
2.	ME5792	Principles of Sustainable Engineering	OE	3	3	0	0	3
3.	ME5793	Future Energy Resources and Mobility	OE	3	3	0	0	3
4.	ME5794	Hydrogen Fuel for Powertrains	OE	3	3	0	0	3
5.	ME5795	Concepts of Competitive Manufacturing	OE	3	3	0	0	3
6.	ME5796	Solar Energy Technologies	OE	3	3	0	0	3
B.E. Materials Science and Engineering								
6.	ML5791	Plastics Engineering	OE	3	3	0	0	3
7.	ML5792	Nanomaterials and Applications	OE	3	3	0	0	3
DEPARTMENT OF INDUSTRIAL ENGINEERING								
B.E. Industrial Engineering								
8.	IE5791	Design of Experiments For Process and Parameter Optimisation	OE	3	3	0	0	3
9.	IE5792	Reliability Assessment And Maintainability Models	OE	3	3	0	0	3
DEPARTMENT OF MANUFACTURING ENGINEERING								
B.E. Manufacturing Engineering								
10.	MF5791	Electronics Packaging Technology	OE	3	3	0	0	3
11.	MF5792	Industrial and Bio-Inspired Robotics	OE	3	3	0	0	3
DEPARTMENT OF PRINTING TECHNOLOGY								
B.E. Printing and Packaging Technology								
12.	PT5791	Digital Photography	OE	3	3	0	0	3
13.	PT5792	Consumer and Industrial Packaging	OE	3	3	0	0	3
FACULTY OF INFORMATION AND COMMUNICATION ENGINEERING								
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING								
B.E. Computer Science and Engineering								
14.	CS5791	Cyber Forensics	OE	3	3	0	0	3
15.	CS5792	Agile Methodologies	OE	3	3	0	0	3

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING								
B.E. Electronics and Communication Engineering								
16.	EC5791	Consumer Electronics	OE	3	3	0	0	3
17.	EC5792	Principles of Modern Communication Systems	OE	3	3	0	0	3
18.	EC5793	Computer Vision and Machine Learning	OE	3	3	0	0	3
19.	EC5794	Robotics	OE	3	3	0	0	3
B.E. Biomedical Engineering								
20.	BM5791	Principles of Telemedicine	OE	3	3	0	0	3
21.	BM5792	Electronics in Medicine	OE	3	3	0	0	3
DEPARTMENT OF INFORMATION SCIENCE AND TECHNOLOGY								
B.Tech. Information Technology								
22.	IT5791	Artificial Intelligence	OE	3	3	0	0	3
23.	IT5792	IOT Based Smart Systems	OE	3	3	0	0	3
24.	IT5793	Data Science and Analysis	OE	3	3	0	0	3
FACULTY OF TECHNOLOGY								
Department of Applied Science and Technology								
25.	AS5791	Unconventional Hydrocarbon	OE	3	3	0	0	3
26.	AS5792	Industrial Safety Management	OE	3	3	0	0	3
B. Tech. Leather Technology								
27.	LT5791	Orientation to Leather Manufacture	OE	3	3	0	0	3
28.	LT5792	Theory of Skin Proteins	OE	3	3	0	0	3
B. Tech. Textile Technology								
29.	TT5791	Basics of Textile Technology	OE	3	3	0	0	3
30.	TT5792	Textile Fibres	OE	3	3	0	0	3
B. Tech. Chemical Engineering								
31.	CH5791	Industrial Corrosion and Prevention	OE	3	3	0	0	3
32.	CH5792	Industrial Waste Water Treatment	OE	3	3	0	0	3
B.Tech. Industrial Biotechnology								
33.	IB5791	Overview of Biosafety	OEC	3	3	0	0	3
B.Tech. Food Technology								
34.	FT5791	Food Safety	OEC	3	3	0	0	3
B.Tech. Pharmaceutical Technology								
35.	PM5791	Forensic Science	OEC	3	3	0	0	3
FACULTY OF SCIENCE AND HUMANITIES								
B.E./B.Tech. students can take these electives.								
DEPARTMENT OF ENGLISH								
36.	HS5791	Basic Communication in English	OE	3	3	0	0	3
37.	HS5792	Introduction to Critical Thinking	OE	3	3	0	0	3
38.	HS5793	Reading Fiction	OE	3	3	0	0	3
FACULTY OF ARCHITECTURE AND PLANNING								
Department of Architecture								
39.	AR5791	Introduction to Art	OE	3	3	0	0	3
40.	AR5792	Introduction to Landscape and Landscape Design	OE	3	3	0	0	3
41.	AR5793	Traditional Water Management Systems	OE	3	3	0	0	3