JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPUR
COLLEGE OF ENGINEERING (AUTONOMOUS) :: PULIVENDULA
Pulivendula- 516 390, Y.S.R. Kadapa(Dist), Andhra Pradesh, India

Prof. G.SankaraSekharRaju,
M.Sc., Ph.D., MISTE

PRINCIPAL_{FAC}&
Professor of Mathematics

Mobile: 9000551427
: 8187892501
principal.cep@jntua.ac.in
www.jntuacep.ac.in

Date: 30.12.2021

CIRCULAR

All the students of B.Tech III Year II semester are hereby informed that, as per the regulations of B.Tech – R19, the following are the Open Electives – II (Inter Department) subjects and Professional Electives – II subjects offered by various departments in B.Tech III Year II Semester for the Academic Year 2021-2022. The detailed syllabus of the following subjects were available in the college website, so all the students are instructed to visit college website for syllabus and register one Open Elective – II subject other than concerned department and Professional Elective – II subject from the list of the subjects offered on or before 05.01.2022 through Google form which is also available in the college website. The Head of the Departments are instructed to finalize and submit the consolidated list to the undersigned on or before 06.01.2022.

List of Open Electives – II (Inter Department) Subjects

Branch	Subject Code	Subject Name
Humanities	19AHS11	Competitive & Spoken English
Mathematics	19ABS23	Integral Transforms and its Applications
	19ABS24	Numerical Analysis
	19ABS25	Optimization Techniques
Physics	19ABS33	Functional Nano materials For Engineers
	19ABS34	Materials Characterization Techniques
Chemistry	19ABS44	Green Chemistry and Catalysis for Sustainable Environment
	19ABS45	Chemistry of Nano materials and Applications
	19ABS46	Environmental Management and Audit
CE	19ACE65a	Remote Sensing and GIS
	19ACE65b	Environmental Impact Assessment
	19ACE65c	Disaster Management and Mitigation
EEE	19AEE65a	Energy Conservation and Management
	19AEE65b	PLC and its Applications
	19AEE65c	System Reliability Concepts
ME	19AME65a	Automobile Electronics, Sensors & Drives
	19AME65b	Programming of Robots and Control
	19AME65c	Sensors in Intelligent Manufacturing
	19AME65d	Non-Conventional Sources of Energy
	19AME65e	NEMS & MEMS
	19AME65f	Optimization Techniques Through MATLAB
ECE	19AEC65a	Introduction to Microcontrollers & Applications
	19AEC65b	Principles of Digital Signal Processing
	19AEC65c	Introduction to Image Processing
CSE	19ACS65a	Introduction to Machine Learning
	19ACS65b	Introduction to Computer Networks
	19ACS65c	Web Design and Management

List of Professional Electives – II Subjects

Branch	Subject Code	Subject Name
CE	19ACE64a	Advanced RCC
	19ACE64b	Ground Improvement Techniques
	19ACE64c	Transportation Engineering
EEE	19AEE64a	Energy Auditing, Conservation & Management
	19AEE64b	Digital Computer Platforms
	19AEE64c	Applications of Power Electronics to Renewable Energy Sources
ME	19AME54a	Alternative Fuels and Emission Control in Automotives
	19AME54b	Manufacturing Methods in Precision Engineering
	19AME54c	Design for Manufacturing (DFM)
	19AME54d	Power Plant Engineering
	19AME54e	Non Destructive Testing (NDT)
	19AME54f	Ergonomics and Human Factors in Engineering
ECE	19AEC64a	Optical Communications
	19AEC64b	Cellular & Mobile Communications
	19AEC64c	Machine Learning Techniques
CSE	19ACS64a	Scripting Languages
	19ACS64b	Mobile Computing
	19ACS64c	Software Architecture

Therefore all the students are directed to register the Open Elective – II subject and Professional Elective – II subject with in the stipulated date without fail. If the student does not respond & unregister for the Open Elective – II and Professional Elective – II, then the subject decided by the Head of the Department has to be taken.

Note: To offer any of the above courses, the minimum numbers of students are to be opted is '20'

PRINCIPAL

Copy to:

1. Vice-Principal for information
2. All the Heads of the departments with a request to collect the options exercised data and submit to the undersigned at an early date.
3. All the notice boards including hostels.
4. For circulation.
5. File.