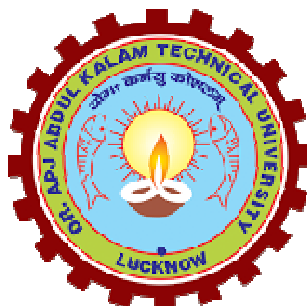


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UTTAR PRADESH, LUCKNOW



EVALUATION SCHEME & SYLLABUS

FOR

OPEN ELECTIVES

AS PER

AICTE MODEL CURRICULUM

[Effective from the Session: 2020-21 & 2021-22]

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B.Tech. VI Semester (2020-21)

OPEN ELECTIVE-I

KOE-061	REAL TIME SYSTEMS
KOE-062	EMBEDDED SYSTEM DESIGN
KOE-063	INTRODUCTION TO MEMS
KOE-064	OBJECT ORIENTED PROGRAMMING
KOE-065	COMPUTER BASED NUMERICAL TECHNIQUES
KOE-066	GIS & REMOTE SENSING
KOE-067	UNDERSTANDING THE HUMAN BEING COMPREHENSIVELY- HUMAN ASPIRATIONS AND ITS

B.Tech. VII Semester (2021-22)

OPEN ELECTIVE-II

KOE-071	FILTER DESIGN
KOE-072	INTRODUCTION TO BIOTECHNOLOGY
KOE-073	MACHINE LEARNING
KOE-074	NON CONVENTIONAL ENERGY RESOURCES
KOE-075	OPERATIONS RESEARCH
KOE-076	VALUE RELATIONSHIP & ETHICAL HUMAN CONDUCT- FOR A HAPPY & HARMONIOUS SOCIETY

B.Tech. VIII Semester (2021-22)

OPEN ELECTIVE –III

KOE-081	CLOUD COMPUTING
KOE-082	BIO MEDICAL SIGNAL PROCESSING
KOE-083	ENTREPRENEURSHIP DEVELOPMENT
KOE-084	INTRODUCTION TO SMART GRID
KOE-085	QUALITY MANAGEMENT
KOE-086	INDUSTRIAL OPTIMIZATION TECHNIQUES
KOE-087	HUMAN VALUES IN MADHYASTH DARSHAN

OPEN ELECTIVE –IV

KOE-091	AUTOMATION AND ROBOTICS
KOE-092	COMPUTERIZED PROCESS CONTROL
KOE-093	DATABASE MANAGEMENT SYSTEM AND DATA MINING AND WAREHOUSING
KOE-094	DIGITAL AND SOCIAL MEDIA MARKETING
KOE-095	MODELING OF FIELD-EFFECT NANO DEVICES
KOE-096	MODELLING AND SIMULATION OF DYNAMIC SYSTEMS
KOE-097	HUMAN VALUES IN BUDDHA AND JAIN DARSHAN
KOE-098	HUMAN VALUES IN SANKHAY YOGA AND VEDANTA DARSAN