

Courses having focus on employability/entrepreneurship/skill development during the last five years				
Name of the Course	Course Code	Name of the Programme	Activities with direct bearing on Employability/ Entrepreneurship/ Skill development	Year of introduction
FINITE ELEMENT METHOD	ME - 475 B	B. TECH	GENERAL DESCRIPTION OF THE METHOD, GALERKIN'S METHOD APPLIED TO ELASTICITY PROBLEMS, RAYLEIGH-RITZ METHOD, RAYLEIGH-RITZ METHOD	2012-13
ORGANIZATION MANAGEMENT	ME-475 D	B. TECH	PRINCIPLES OF MANAGEMENT, INSTRUMENT OF PLANNING, STRATEGIES, POLICIES, RULES, METHODS STANDARDS, PROGRAMMES, BUDGETS, ORGANIZATION, ITS ROLE AND IMPORTANCE, PRINCIPLES RELATED TO ORGANIZATION, THEORIES OF MOTIVATION, AND DIFFERENT APPROACHES TO LEADERSHIP. MANAGEMENT CONTROL, ROLE AND FUNCTIONS OF PERSONNEL MANAGEMENT	2012-13
COMPUTER AIDED DESIGN AND MANUFACTURING (CAD/CAM)	ME- 474	B. TECH	BASICS OF CAD, CIRCLE DRAWING ALGORITHMS, 2D AND 3D TRANSFORMATION, HOMOGENEOUS TRANSFORMATION, CONCATENATION, RAPID PROTOTYPE, CNC AND DNC, ADVANTAGES AND DISADVANTAGES OF NC,CNC AND DNC, CONCURRENT ENGINEERING, CAD/CAM PROGRAMMING	2012-13
POWER PLANT ENGINEERING	ME-481	B. TECH	NON-CONVENTIONAL ENERGY AND THEIR APPLICATION, STEAM POWER PLANT, SOLAR ENERGY, SOLAR REFRIGERATION SYSTEMS, SOLAR PANEL, NUCLEAR ENERGY, GEOTHERMAL POWER PLANT, TIDAL POWER PLANTS, DIRECT ENERGY CONVERSIONS	2012-13
AUTOMOBILE ENGINEERING	ME-483	B. TECH	INTRODUCTION OF AN AUTOMOBILE, TRANSMISSION SYSTEM, CLUTCHES, BRAKES, FRONT AXLE AND SUSPENSION	2012-13
ENTERPRISE RESOURCE PLANNING	ME-484 B	B. TECH	INTRODUCTION TO ENTERPRISE RESOURCE PLANNING, INTRODUCTION TO BUSINESS PROCESS, INTRODUCTION : SUPPLY CHAIN MANAGEMENT AND ERP, INTEGRATED SAP MODEL	2012-13

INDUSTRIAL ENGINEERING	ME-353	B. TECH	WORK STUDY DEFINITION, METHOD STUDY, WORK MEASUREMENT, WAGES & INCENTIVES, JOB EVALUATION & MERIT RATING,	2012-13
MECHATRONIC	ME – 475 C	B. TECH	HYDRAULIC AND PNEUMATIC CONTROLS, HUMAN MACHINE INTERFACE (HMI)	2014-15
ROBOTICS	ME – 485 D	B. TECH	SYMBOLIC MODELING OF ROBOTS, CONTROL OF ACTUATORS IN ROBOTIC MECHANISMS	2014-15

Documents:

- Programme/ Curriculum/ Syllabus of the courses
- Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses.
- MoU's with relevant organizations for these courses, if any.
- Institutional data in prescribed format.