



LEARN EARN SUSTAIN

Equating Integrated Solution

Literature Encyclopedia

Product Development

BUILDING

STEEL STRUCTURES
 REINFORCED CONCRETE AND REINFORCED MASONRY
 STRUCTURES
 WOODEN STRUCTURES
 BRIDGE ENGINEERING
 RACK DESIGN
 TRANSLUCENT CONSTRUCTIONS
 DESIGN (KM, KMD)
 EXAMINATION OF COLLAPSE

ENGINEERING

HANDLING EQUIPMENT
 ROAD AND RAIL TRANSPORT
 AIRCRAFTS
 ENGINEERING DESIGN
 CALCULATION FOR NUCLEAR POWER PLANTS
 CALCULATION OF SEISMIC EQUIPMENT
 CALCULATION OF PIPELINES
 OTHER PROJECTS

COASTAL ENGINEERING
 CONSTRUCTION ENGINEERING
 EARTHQUAKE ENGINEERING
 ENVIRONMENTAL ENGINEERING
 GEOTECHNICAL ENGINEERING
 MATERIAL ENGINEERING
 STRUCTURAL ENGINEERING
 SURVEYING ENGINEERING
 TRANSPORTATION ENGINEERING
 URBAN ENGINEERING
 WATER SOURCE ENGINEERING

TRAINER CONSULTANT
 DESIGNER-ENTREPRENEUR
 PROJECT INTERNSHIP
 PROFESSIONAL INDUSTRY



Equating Aptitude

Career Development

Paviath Job Portal

✓ SYLLABUS PROGRAM
 ✓ MINI PROJECT PROGRAM
 ✓ FINAL PROJECT PROGRAM
 ✓ INTERNSHIP PROGRAM
 ✓ PROJECT DEVELOPMENT
 ✓ TRAINER PROGRAM
 ✓ ENTREPRENEURSHIP PROGRAM
 ✓ JOB PORTAL SERVICE

Paviath Desk

Conceptual Solution

✓ POLY SYLLABUS YEARS I/II/III

ENGINEERING GRAPHICS-I-ENGINEERING GRAPHICS-II-ENGINEERING MECHANICS-CONSTRUCTION MATERIALS AND CONSTRUCTION PRACTICE-
 SURVEYING - I-CAD IN CIVIL ENGINEERING DRAWING - I-THEORY OF STRUCTURES-TRANSPORTATION ENGINEERING-SURVEYING - II-ESTIMATING AND
 COSTING - I-CAD IN CIVIL ENGINEERING DRAWING - II-STRUCTURAL ENGINEERING-HYDRAULICS-ADVANCED CONSTRUCTION TECHNOLOGY
 REMOTE SENSING AND GIS-SOIL MECHANICS AND FOUNDATION ENGINEERING-WATER RESOURCES MANAGEMENT-ESTIMATING AND COSTING - II -
 CAD IN CIVIL ENGINEERING DRAWING - III-CONSTRUCTION MANAGEMENT WITH MIS-ESTIMATING AND COSTING - II-ENVIRONMENTAL ENGINEERING AND
 POLLUTION CONTROL-STEEL STRUCTURES-TOWN PLANNING-EARTHQUAKE ENGINEERING-BUILDING SERVICES-CAD IN CIVIL ENGINEERING DRAWING - III
 COMPUTER APPLICATION IN CIVIL ENGINEERING PRACTICE

✓ UNIV SYLLABUS YEARS I/II/III/IV

ENGINEERING MECHANICS-ENGINEERING DRAWING-STRENGTH OF MATERIALS -I-SURVEYING-FLUID MECHANICS-STRENGTH OF MATERIALS -II-HYDRAULICS & HYDRAULIC MACHINERY-
 ENVIRONMENTAL STUDIES-STRUCTURAL ANALYSIS -I-BUILDING MATERIALS, CONSTRUCTION & PLANNING-COMPUTER AIDED DRAFTING OF BUILDINGS-CONCRETE TECHNOLOGY-
 REINFORCED CONCRETE STRUCTURES DESIGN AND DRAWING-ENGINEERING GEOLOGY-GEOTECHNICAL ENGINEERING-WATER RESOURCES ENGINEERING-DISASTER MANAGEMENT-
 INTELLECTUAL PROPERTY RIGHTS-HUMAN VALUES AND PROFESSIONAL ETHICS-STEEL STRUCTURES DESIGN AND DRAWING-ENVIRONMENTAL ENGINEERING-TRANSPORTATION
 ENGINEERING-FOUNDATION ENGINEERING-STRUCTURAL ANALYSIS-ELEMENTS OF EARTHQUAKE ENGINEERING-GROUND IMPROVEMENT TECHNIQUES-GROUND WATER HYDROLOGY-
 ENVIRONMENTAL IMPACT ASSESSMENT-PRINCIPLES OF ENTREPRENEURSHIP-REMOTE SENSING & GIS-TRANSPORTATION ENGINEERING -II-ESTIMATING & COSTING-WATER RESOURCES
 ENGINEERING-II-FINITE ELEMENT METHODS-ADVANCED FOUNDATION ENGINEERING-WATERSHED MANAGEMENT-AIR POLLUTION AND CONTROL-ADVANCED STRUCTURAL DESIGN-EARTH AND
 ROCK FILL DAMS AND SLOPE STABILITY-WATER RESOURCES SYSTEMS ANALYSIS-INDUSTRIAL WASTE WATER TREATMENT-REHABILITATION AND RETROFITTING OF STRUCTURES-GEO-
 ENVIRONMENTAL ENGINEERING-DESIGN AND DRAWING OF IRRIGATION STRUCTURES-SOLID WASTE MANAGEMENT-PRESTRESSED CONCRETE STRUCTURES-CONSTRUCTION MANAGEMENT

✓ PROJECT/INTERNSHIP POLY/UNIV

INTERNSHIP PROGRAM IS DESIGNED BY PROFESSIONAL TO SUIT INDUSTRY REQUIREMENT @ EVERY STAGE FROM ACADEMIC TO INDUSTRY.
 EVERY ACADEMIC INPUT IS CONVERTED TO INDUSTRIAL OUTPUT WITH ISO/GOST/DIN/EURO STANDARDS, CONCEPTUAL SOFTWARE & INDUSTRY DB.
 HERE BASIC FEATURE AND CONCEPT TOOL IS TAKEN NOT WITH BRAND TOOL, WHICH CREATING TO HANDLE ANY BRAND SOFT TOOLS IN CAREER.
 WHILE MARKETING, CANDIDATE HAS TO FACE DIRECTLY EITHER INDUSTRY OR INSTITUTION WITH TRAINING WHICH EVOLVES/EQUATE APTITUDE.
 EVERY CONTRIBUTION DURING INTERNSHIP WILL BE RECORD FOR HIS CAREER.

✓ CIVIL CAREER

CAREER ORIENTATION SEQUENCE ON TRAINING-PROJECT DEGREE/DIPLOMA*

◆ CAREER AREA/APPLICATION INDUSTRY ◆ PRODUCT DEVELOPMENT REVERSE ENGINEERING ◆ OEM DEVELOPMENT DESIGN & ANALYSIS
INTERNSHIP IS DIVIDED AS TWO SEGMENTS
 INTERNSHIP PROGRAM - ACADEMIC TO INDUSTRY (COUNSELLING & CORE SUBJECTS WITH INDUSTRY DATABASE, SOFTWARE)
 INTERNSHIP APPLICATION - APPLICATION TO INSTITUTIONS, INDUSTRIES & CAREER ON FEATURE/CONCEPT/APPLICATION

✓ CIVIL SOFTWARE

ArCADiasoft
 ArCADia BIM
 ArCADia-RAMA
 INTERsoft-INTELLICAD
 EuroConnections

APM CIVIL
 DESIGN AND ANALYSIS OF
 REINFORCED CONCRETE STRUCTURES
 FOUNDATION DESIGN
 TIMBER STRUCTURES
 STONE AND REINFORCED STONE
 CONSTRUCTION OBJECTS
 BASE WOOD-STRUCTURE 3D
 DATAJOINT-GRAPH-STUDIO

ASCION RENGAMODULES
 RENGAMARCHITECTURAL
 RENGASTRUCTURAL
 RENGAPIPING
 RENGAVENTILATION
 RENGAELECTRICAL
 RENGACOLLABORATION
 RENGAPPLICATION

✓ CONCEPTUAL SOFTWARE

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