

ACADEMIC/RESEARCH AREA – FULL/PART TIME – VISITING – ADJUNCT FACULTY – PROJECT SUPPORT – WORKSHOP/SEMINAR – CAREER TRAINING – MECHANISM/MACHINES/ELEMENTS/ANALYSIS – CAE/CAD/MBD

INDUSTRIES AREA – FULL/PART TIME – CONTRACT – ASSIGNMENT – PRODUCT DEVELOPMENT – REVERSE ENGINEERING – TRAINING – MECHANISM/MACHINES/ELEMENTS/ANALYSIS/PROCESS. MECHANICAL AGRICULTURE – AUTOMOBILE – OTHER APPLICATION & ALLIED AREAS – CAE/CAD/MBD



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OBJECTIVE

CONCEPTUAL DESIGN / MACHINERIES / EQUIPMENT / CAD/ CAE / FEA/CAPP/PROJECTS/TRAINING

QUALIFICATION

B.E (MECH) – G.C.T/CBE - MADRAS UNIVERSITY - 1978, M. TECH (MECH) – I.I.T MADRAS – 1980

CERTIFICATE COURSE CGNL/NEWZLAND

PROCESS EQUIPMENT & PRESSURE VESSELS TECHNOLOGY, PIPING TECHNOLOGY

RUSSIAN CONSULATE & CULTURE CENTRE - CHENNAI

RUSSIAN LANGUAGE (3 LEVEL), CERTIFICATE PROGRAM/ DIPLOMA PROGRAM – 2008 TO 2009

SKILL SET

CONCEPTUAL DESIGN – PRODUCT DEV – METHODS – APPLICATION

CAD/CAE/MULTI BODY DYNAMICS/FEA/STRUCTURAL ANALYSIS

MECHANISM – MACHINERIES – EQUIPMENTS – IMPORT SUBSTITUTION

KINEMATICS – KINETOSTATICS - OPTIMIZATION

LITERATURE SURVEY/RESEARCH DATA/ANALYTICAL

CAE/CAD/CAPP/PDM - TRAINING/PROJECTS IN INSTITUTIONS

SYLLABUS - PROJECT - RESEARCH SUPPORT - WORKSHOP - KNOWLEDGE BASE - PRODUCT DEVELOPMENT - REVERSE ENGINEERING

Reference

! Encyclopedia-literature-application-institution-industry-professional
www.paviathintegratedsolution.com info@paviathintegratedsolution.com

! Career development-syllabus/project/internship-professional social responsibility-social sustainability-empowerment-more
www.paviathjobportal.com

! Women empowering areas

Academic service-entrepreneurship-design service-industries-social engineering-cloud technology
<http://www.paviathcareereducation.com/home>

! Product - career development -women empowerment

LMS - HRM - ERP - CRM <https://paviathsolutions.org.in/>

! Orienting education <https://paviathorientingeducation.ind.in/>

! Paviath Knowledge System <https://paviathknowledgesystem.in/>

SOFTWARE (CAE/CAD/MBD/MATHS)

VARICAD (CAD/PDM/BOM)

KOMPAS 3D (CAD/PDM/BOM)

SOLID EDGE (CAD/PDM/BOM)

SOLID WORKS (CAD/PDM/BOM)

WATT MECHANISM SUIT (CONCEPTUAL/KINEMATICS/OPTIMIZATION)

SAM (KINEMATICS/KINETO-STATICS/MBD/OPTIMIZATION)

APM WINMACHINE - (ELEMENTS DESIGN/STRUCTURAL ANALYSIS/
FEA/KINEMATICS/KINETO-STATICS/PDM)

UNIVERSAL MECHANISM(MULTI BODY DYNAMICS/OPTIMIZATION)

NEI NASTRAN (FEMAP/NEI SOLVER) - FEA

COMPRESS (PRESSURE VESSELS/EQUIPMENTS-DESIGN/ANALYSIS/ASME)

AUTO PIPE (PIPING DESIGN/ANALYSIS/ASME CODE)

PASSAT (PRESSURE VESSEL/HEAT EXCHANGER/ COLOUMN/NOZZLE-FEM)

HYDRO SYSTEM (ISO/NO-ISO THERMAL FLOW ANALYSIS)

START (PIPE STRESS ANALYSIS)

MATHS ILLUSTRATION - GEOMETRY EXPRESSIONS - MECHANICAL
EXPRESSIONS

ANALYTIX - ANALYTIX CAMS

! 2010 - CURRENT - PAVIATH INTEGRATED SOLUTION

TOOL CAE/CAD/PLM/CAPP/MECHANISM/MACHINE
ELEMENTS/STRUCTURE

AREA MECHANICAL AND APPLICATION AREAS (MACHINE BUILDING
AUTOMOBILE, AGRICULTURE, MATERIAL HANDLING.)

APPLICATION

SYLLABUS - PROJECT - RESARCH SUPPORT - WORKSHOP -
KNOWLEDGE BASE - PRODUCT DEVELOPMENT - REVERSE
ENGINEERING - INSTITUTION - PROFESSIONALS -
INDUSTRY - GROUP OF STUDENTS

! June 2012 – November 2014

RAMESHWAR ENGINEERING Consultant (CAD/CAE/CAPP)

! SHRI RAMANA HEAVY ENGINEERING PVT LTD

JULY 2008 – DEC. 2010

CAD/CAE/DEVELOPMENT/MODULATION/STANDARDIZATION/PROCE
SS/PDM

CONVEYOR - VIBRATING SCREENS - ROTARY FEEDER -RECLAIMAR -
PRODUCT DEV. - STANDARDIZATION - MODULATION - 3D
CONVERSION

! MIL INDIA LTD SENIOR ENGINEER MARCH 08 – JUNE 08

CAD/CAE/DEVELOPMENT/STANDARDIZATION/PROCESS/PDM

SOAP MAKING MACHINERIES (PLODDER / ROLL MILL)

! ALIDHRA WEAVENTECH PVT LTD

CHIEF ENGINEER SEPT 04 – FEB 08

CAD/CAE/DEVELOPMENT/STANDARDIZATION/PROCESS/PDM

WATER JET/ AIR JET - LOOMS / PREPARATORY WEAVING -
MACHINES PRODUCT DEVELOPMENT

! INDUSTRIES (JUL 80 – SEP 04)

BAJAJ STEEL INDUSTRIES / NIPPO / LOYAL TEXTILES / NUTRINE
CONFECTIONERIES / GREAVES / KERRY JOST / PROTEL / SIGT
TOOLS / PENTOGAN / GMT / DEVI MACHINE TOOLS / METRO WATER
/ S.RLY

RESPONSIBLTY DESIGN / DEVELOPMENT / PROCESS /
STANDARDIZATION

PRODUCT DEVELOPED (MACHINERIES/EQUIPMENT)

APPLICATION AREA

COTTON GINNING MACHINE/AUTOMATION – TEXTILE MACHINES

PAPER TUBE MAKING MACHINE/JACKET CURLING

MACHINE/AUTO LABELING MACHINE/TUBE CUTTING

MACHINE – BATTERY MFG. MACHINES

HUMIDIFICATION FILTERS/DIVERTERS/ALLIED EQP. – TEXTILE
MACHINES

CONFECTIONERY DIES – BISCUIT & CHOCOLATES MFG.
MACHINES

OUT BOARD DRIVES/LONG TAIL - OBM – MARINE DRIVES

INJECTION MOLDING MACHINES – PLASTICS MACHINES

WATER/MINING HAMMERS – ROCK DRILLING MACHINES

WIRE DRAWING ALLIED EQUIPMENT – AL. CABLE INDUSTRIES

HYDRAULIC PUSH CAR – ELECTRIC KILN – CERAMIC MACHINES

PNEU. CONVEYING - AUTO SAMPLING – PROCESS INDUSTRIES

SINGLE/MULTI STAGE BROACHING M/C – MACHINE TOOLS

TOOL & CUTTER GRINDING/PLANET GRINDING/SURFACE &

CYLINDRICAL GRINDING/SLIDE WAY GRINDING -

MACHINES/GRINDING SPINDLES – MACHINE TOOLS

HOBGING M/C/HOB SHARPENING M/C – MACHINE TOOLS

SHEARING M/C/PRESS BRAKE/FORGING HAMMER – MACHINE
TOOLS

CYLINDRICAL GRINDING/BELT GRINDING/LAPPING

-MACHINE/MULTI STAGE CENTER LESS GRINDING M/C –

MACHINE TOOLS

MAINTENANCE – WATER/SEWER LINES/PUMPING

STATION/MACHINERIES – WATER SUPPLY & SEWERAGE

MAINTENANCE – PANEL BOARD/ROUTE RELAY

INTERLOCKING/RAILWAYS