

WOMEN GRADUATE EMPOWERMENT

TRAINING SCIENCE SYSTEM

MATHS/PHYSICS/CHEMISTRY/ARTS

ENTREPRENEURSHIP

DESIGN CONSULTANTS

PRODUCT DEVELOPMENT

MECHANISM SYSTEM

THERMAL SYSTEM

APPLICATION SYSTEM

MANUFACTURING SYSTEM

- AGRICULTURE INDUSTRIES
- AUTOMATION INDUSTRIES
- CONSTRUCTION INDUSTRIES
- TEXTILE INDUSTRIES
- GARMENT INDUSTRIES
- MACHINE BUILDING INDUSTRIES
- BULK HANDLING INDUSTRIES
- MINERAL PROCESSING INDUSTRIES
- AUTOMOBILE INDUSTRIES
- DEM INDUSTRIES
- PRINTING INDUSTRIES
- PACKAGING INDUSTRIES
- PLASTIC INDUSTRIES
- RUBBER INDUSTRIES
- TESTING MACHINE INDUSTRIES
- SPACE INDUSTRIES
- MARINE/SHIP BUILDING INDUSTRIES

- CHEMICAL PLANT
- THERMAL PLANT
- FOOD PROCESSING INDUSTRIES
- OIL - GAS INDUSTRIES
- EFFLUENT TREATMENT INDUSTRIES
- WATER TREATMENT INDUSTRIES
- NUCLEAR EQUIPMENT INDUSTRIES
- ALLIED EQUIPMENT INDUSTRIES

- FURNITURE INDUSTRY
- GRANITE INDUSTRY
- JEWELLERY INDUSTRY
- JUTE INDUSTRY
- LEATHER INDUSTRY
- PAPER INDUSTRY
- PEARL INDUSTRY
- PHARMACEUTICAL INDUSTRY
- POULTRY INDUSTRY
- SILK INDUSTRY
- SOAP INDUSTRY
- SOLAR INDUSTRY
- TEA INDUSTRY
- TOBACCO INDUSTRY
- TOY INDUSTRY
- BIOTECHNOLOGY INDUSTRY
- BISCUIT INDUSTRY
- CHOCOLATE INDUSTRY

- MODELING KOMPAS-3D
- VERTICAL technological processes
- POLYNOMIAL:MDM MANAGING NSI DATA
- PILOTMAN:PLM life cycle management
- Pilot-BIM BIM projects
- Pilot-ICE Enterprise
- Technology: TX design documentation
- GULF STREAM Control System
- 8D. Quality control quality assurance
- LOTSMAN:KB documentation
- Delta Design PCB design

SELECTING PROECT
ENTREPRENEURSHIP
DESIGN CONSULTANTS
PRODUCT DEVELOPMENT

SUPPORTS ARE GIVEN IN ALL FORMAT
BY WOMAN
CONSULTANT-SPECIALIST-TRAINER

STAGE I
LITERATURE-REFERENCE
MECHANISM-INFRASTRUCTURE
TRAINING & SUPPORT BY
WOMEN GRADUATES

STAGE II
MECHANISM DESIGN
KINEMATIC DATA
2D ASSEMBLY-3D MODELING-
KINETO-STATIC DATA-
MASS/M.I/C.G/KINEMATIC
TRAINING & SUPPORT BY
WOMEN GRADUATES

STAGE III
UPDATING KINEMATIC DATA-KINETO-STATIC
DATA FROM MECHANICAL EXPRESSIONS &
SAM MECHANISM
RE MODELING IN 3D & UPDATING ELEMENTS
DATA FOR STATIC & DYNAMIC ANALYSIS-
OPTIMIZING IN 3D PART & ASSEMBLY,
FINALIZING 2D-3D-BOM-PDM-CAPP OUTPUT
DRAWING
PREPARATION FOR PRODUCT LEAFLET.
ITERATION PROCESS CAN BE DONE TO REACH
THE OPTIMIZED VALUE FOR ELEMENT AND
ASSEMBLY SYSTEM
TRAINING & SUPPORT BY
WOMEN GRADUATES

STAGE IV
MARKETING APPS
CLOUD TECHNOLOGY
PART-PROCESS-INSPECTION-
ASSEMBLY DRAWINGS ARE PREPARED
WITH TRAINING AND SUPPORT.
WEB SITE PREPARATION WITH SEO AND
MARKETING APPS ON CLOUD TECH.
SAAS PRODUCT SUPPORT & TRAINING
CRM-EMAIL-MARKETING APPLICATION
TRAINING & SUPPORT BY
WOMEN GRADUATES

MECHANISM SYSTEM

- PRODUCT DATA
Encyclopedia-Technical Survey-Patterned survey-
Research publication-Reference product
- REFERENCE DATA
Reference product specification-Types-Survey
Technical Literature--Test report-Analysis data
- MECHANISM
Kinematics-Kineto-statics-Load
Mechanism literature-Software
- INFRASTRUCTURE
2D Layout-Data-Motion
Required and reference Chart

SOFTWARE

- STAGE I
APM WINMACHINE-SAM-VARICAD
CONCEPTDRAW-KOMPAS-SALTIRE
- STAGE II
APM WINMACHINE-SAM-VARICAD
CONCEPTDRAW-KOMPAS-SALTIRE
- STAGE III
APM WINMACHINE-SAM-VARICAD
CONCEPTDRAW-KOMPAS-SALTIRE
- STAGE IV
APM WINMACHINE-SAM-VARICAD
CONCEPTDRAW-KOMPAS-SALTIRE

FEATURE

- STAGE I
LITERATURE-REFERENCE
- STAGE II
2D ASSEMBLY-3D MODELING
- STAGE III
STATIC & DYNAMIC ANALYSIS
- STAGE IV
MARKETING APPS CLOUD TECH

- MECHANISM
- 2D ASSEMBLY
- 3D MODELING
- KINETO-STATIC ANALYSIS

- 2D ASSEMBLY
IMPORT MECHANISM (DXF) APM GRAPH
ADD PARTS & CREATE ELEMENTS FROM MECHANICAL
DATABASE, DIMENSIONING
CHECK ASSEMBLY AND LIST OUT BILL OF MATERIAL-SAVE
AS GRAPH & DXF FILE
- KINETO-STATIC ANALYSIS
IMPORT MECHANISM (DXF) APM GRAPH
ADD PARTS & CREATE ELEMENTS FROM MECHANICAL
DATABASE, DIMENSIONING
CHECK ASSEMBLY AND LIST OUT BILL OF MATERIAL-SAVE
AS GRAPH & DXF FILE

- MECHANISM
NODE-ELEMNT-SUPPORT-INPUT MOTION
KINEMATIC DATA-ANIMATION-GRAPH
EXPORT 2D DXF MECHANISM
MATHS ILLUSTRATION-GEOMETRY EXPRESSION-SAM
MECHANISM

- 3D MODELING
IMPORT MECHANISM (DXF) APM GRAPH
ADD PARTS & CREATE ELEMENTS FROM MECHANICAL
DATABASE, DIMENSIONING
CHECK ASSEMBLY AND LIST OUT BILL OF MATERIAL-SAVE
AS GRAPH & DXF FILE

- 3D MODELING
UPDATING THE KINETO & KINEMATIC DATA
CHECKING ASSEMBLY AND STANDARD PARTS
CREATING 2D/3D FILE FOR STATIC & DYNAMIC ANALYSIS-
STRUCTURAL ANALYSIS
TOPOLOGY OPTIMIZATION-CONTACT ANALYSIS-ASSEMBLY
ANALYSIS BY ELEMENT & FEA METHOD

- STRUCTURE 3D
IMPORT FROM APM STUDIO WITH ANALYSIS CONDITION BOTH
ELEMENTS & ASSEMBLY
CHKING WITH TOOLS & LOADS-MATERIAL
STATIC-DYNAMIC ANALYSIS-HEAT TRANSFER ANALYSIS-
LINEAR&NON LINEAR

- 3D MODELING
- FEA ANALYSIS
- STRUCTURE 3D
- MULTI BODY ANALYSIS

- FEA ANALYSIS
ELEMENT PRE PROCESSING-LOADING-MESHING-CALCULATION-
POST PROCESSING REPORT GENERATION-STRESS-FATIQUE-
DISPLACEMENT-SAFETY FACTOR- OPTIMIZAT
3D ASSEMBLY-PRE & POST PROCESSING
ANALYSIS & REPORT GENERATION
SAVE AND TRANSFER TO STRUCTURE 3D
- MULTI BODY ANALYSIS
FINALIZING THE KINEMATIC & KINETO STATIC DATA FROM FEA
ANALYSIS AND STRUCTURE 3D ANALYSIS. FINAL CHECK
MATERIAL-INTERFERENCE-LOAD-STATIC-DYNAMIC-LINEAR-
NON LINEAR TO MBD

- 3D MODELING
PART-PROCESS-INSPECTION-
ASSEMBLY DRAWINGS

- 3D MODELING
- MANUFACTURING
- BUSINESS DOCUMENTS
- CLOUD TECHNOLOGY

- MANUFACTURING
2D-3D-INSPECTION-PROCESS
DRAWING

- BUSINESS DOCUMENTS
COMPANY-PRODUCT-MARKETING

- CLOUD TECHNOLOGY
WEBSITES-EMAIL-CRM-SEO-APPS