

Registration Form

ISTE approved

Short Term Training Program on
"Recent Trends and Advances in
Press Tool Design with Software Application"
in collaboration with Indo German
Tool Room, Ahmedabad

Full Name(Mr./Ms./Dr./Prof.): _____
(Block Letters)

Qualification : _____

Designation : _____

Organization : _____

Experience : _____ Years

Area of Experience: _____

Weather Accommodation is required? _____ Yes/No

Address of Correspondence: _____

Phone: _____ Cell no.: _____

Fax: _____

Email : _____

Registration Fee Details:

Draft No. _____ Amount Rs. _____ Dated _____

Bank: _____ Branch _____

Full attendance from first to last session is compulsory and only those participants will be eligible for certificate who fulfill the above condition for completion of course.

Signature of Participant

Certified that the above information is true to the best of my knowledge and the applicants is authorized attend.

Sign of Head of institute with Seal

Chief Patron

Shri Pravinbhai R. Maniar

Chairman,

V.V.P. Engineering College, Rajkot.

Patron

Dr. S. P. Parikh

Principal,

V.V.P. Engineering College, Rajkot.

Convenor

Dr. J. P. Mehta

Professor & Head,

Mechanical Engineering Department

V.V.P. Engineering College, Rajkot.

Coordinator

Prof. M. C. Karia

Sr. Lecturer,

Mechanical Engineering Department

V.V.P. Engineering College, Rajkot.

Organized by

Department of Mechanical Engineering

V.V.P. Engineering College,

Kalawad Road, Rajkot 360005.

Registration

Completed registration form should be sent to the Co-ordinator before the date : 29th Nov, 2014. Confirmation of participation will be based on qualification, experience and area of interest for the limited number of participants. Selected participants need to submit the registration fee in the form of D.D./at par cheque as per instruction in email.

Send Completed Registration Form to:

Prof. M. C. Karia,

Mechanical Engg. Dept., VVP Engg. College,

Opp. Motel The Village, Vajdi-Virda, Kalawad Road, Rajkot.

Phone: 0281-2783394, Fax: 0281-2783486, Mo.: 9428230312

E mail: meghakaria2000@yahoo.com

Confirmation for the selected participant will be given by 30th Nov, 2014 through email only.



This program is approved by
ISTE (Indian Society for Technical Education)

"Recent Trends and Advances in
Press Tool Design with Software Application"

in collaboration with
Indo German Tool Room, Ahmedabad

15th Dec. to 19th Dec. 2014

V.V.P. Engineering College

Virda-Vajdi, Kalawad Road, Rajkot-5. (Guj.) (India)

Ph. : +91-281-2783394

Fax : +91-281-2783487

website : www.vvpdulink.ac.in

Why Tool Design?

Manufacturing is the backbone of any industrial nation in today's competitive era of high industrial development and research with, automation and computer integrated manufacturing. The knowledge of modern manufacturing practices is essential for technocrats, engineers and academicians. It is a specialized field of manufacturing engineering encompasses wide area of fields like planning, analysis, designing, construction and application of tools, methods and procedures to increase the productivity. Press working is used as general term to cover all press working operations on sheet metal. Products made of sheet metals working are common in automobile parts, components of aircrafts, machine tools, household appliances, sheet metal parts of electronic equipments, precision parts required for different industries etc.. Press tools are special tools customized to produce a component mainly out of sheet metal.

About STTP

This course is designed to provide a platform for participants and faculties to share their knowledge and update with recent developments and trends in the field of manufacturing technologies especially in the field of Press Tool Design with the software applications in the field of Design Automation & CAD/CAM.

The course is structured with introduction to press tool design fundamentals and die design. A complete design procedure of press tool and die design will be carried out from concept to finish. Pre-process activities like design input, conceptualization, machine specification, 3D modeling of parts, sub-assemblies and final assembly using popular design CAD tools and preparing the final manufacturing drawings in par with industry standards, Design for Accuracy, Design for Manufacturing and Design for Assembly will be addressed during the course. It will be highly interactive and hands on training session and covers entire 360° view on machine tool design aspects.

Resource Person

Experts having more than 10 years of experience in the field of design from well known institution like Indo German Tool Room and other academic institutes are invited.

About VVP Engineering College



The vyavasayi Vidya Pratisthan is established by Rajkot Nagarik Sahkari Bank Ltd. In 1996. Our's is a leading self finance institute providing state of the art technical education in eight different streams at under graduate level and six different streams at post graduate level. The institute is affiliated with Gujarat Technological University and recognized by All India Council for Technical Education (AICTE), New Delhi.

To promote quality education in various technical fields we have adequate infrastructure facility setup with specious building in 35 acres of land. The campus is located 10 Km on Kalawad Road, the west of Rajkot city, with transportation and conveyance facilities.

About Mechanical Engineering Department



Good economy of a country leads to better future and it relies largely on total productivity, which is highly dependent on mechanical engineers. Mechanical Engineering department is one of oldest department established in 1996. Mechanical Engineering Department strives to generate skilled mechanical engineers through effective teaching with industry-institution interaction with a vision to contribute in Nation's productivity & economy. The department promotes faculty development activities continuously to expand the horizons of knowledge. The department aims to encourage the staff members to develop & utilize their full potential to create outstanding abilities in the field of mechanical engineering and research.



The departments is well equipped with laboratories like Fluid Engineering, Automobile Engineering, Dynamics of Machinery, Production Technology, Material Technology, Machine Design, Refrigeration & Air-conditioning and Metrology to meet the demands of well-trained and professionally sound mechanical engineers We also have a well-equipped workshop for subjects like manufacturing processes. Among the highly precise machines we have CNC lathe, EDM, balancing machine, vibration test rig and I.C. engine Morse test rig etc.. Qualified and experienced resource persons are regularly invited by the department for expert lectures on various subjects of mechanical engineering to cater the needs of modern technologies. Local and outstation industrial visits are frequently arranged by the department to boost up exposure to the students for application of their theoretical knowledge and real field situation.

The department has started PG course with specialization in CAD/CAM since 2012. The department is well equipped with CAD laboratory with different licensed soft wares like Pro E, Auto CAD & ANSYS, well developed CAM/CIM laboratory with "Aristo 6 Axis Robotic Arm".

Course Content

- Classification in Operations, Machine Data
- Sheets and Supply conditions
- Product Design considerations
- Die and Punch Materials.
- Heat treatment and Coating
- Elements of Die & Design Check list
- Die Designs case studies
- Machining Methods
- Design Approach and Calculations
- Progressive Dies, Design For Manufacture
- Bending and Drawing Dies
- Progressive bending and cutting Dies
- Deep Drawing Dies, Metal finishing techniques
- Surface finish Requirements of Dies
- Fine Blanking, Die Design for Fine blanking
- Die Design Project
- Group Work

Who Should Benefit

Faculty members of academic institutions and persons from industries, research scholars, students of M.E. / M.Tech can participate. This programme is approved by ISTE (Indian Society for Technical Education).

Registration Fee

Academic Faculty/Participant from Industry	1800/-
M.E. / M.Tech Students	1400/-

Course Fee includes course material, participation kit, lunch, refreshment, and tea. Paid accommodation will be provided on request to outside participants. No TA/DA will be paid. (All other expenses are to be bared by participants)