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Clay-Modeling Workshop

(A two days Workshop on clay modeling.)

Workshop Highlights

- Receive an unparalleled education from **Go 4 Tech** team with personal one-on-one attention.
- Improve your job prospects and get an edge over your counterparts.
- Interactive Query sessions, Live Demos, PowerPoint Presentation.
- Exposure to multi disciplinary content.
- Opportunity for online examination and certification.
- Certificates issued to all participants.
- Career guidance by experienced faculty.
- Learn and interact with one of the respected authorities on Artificial Intelligence Robot.



Open to students of all departments

Who should Attend ?

The workshop is a must for anyone

- Interested in clay modeling.
- Applying for higher studies
- Looking for a career in mechanical Field.
- Interested in Making Own mechanical Project.

Benefit to Participant

- Develop very good understanding of Modeling .
- Learn about Software themselves under the guidance of professionals.
- Can easily use this experience to develop good B.Tech/ M.Tech projects.
- Helps to face job interviews with confidence.
- Hands-on experience in addition to their classroom trainings will transform the students into better engineers
- Opportunity to interact with DCE (Delhi College OF Engineering) alumni Team to discuss career options.



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Workshop Detail

- 2 Day workshop – includes lectures, design sessions, fabrication sessions and flying.
- Cost: Rs 2400/-For a team of 4 Member(Including Kit & Other Material).
- Cost: Rs 2500/-For a team of 5 Member(Including Kit & Other Material).
- Cost includes training material, software and instruction manual.

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Workshop Content

Our workshop is aimed at participants with diverse backgrounds with an interest to learn about constructing an clay modeling which will make the participants innovate in the design stage, put their design into practice in the manufacturing stage and see their hard work take-off through the hands of our expert at the end. It provides an opportunity to experience the true spirit of engineering.

Workshop duration: 1/2 days

Workshop structure:

Basic clay Application

- The planning of set up process of clay modeling from basic renderings to CAD will be explained from scale model to full size concept.

Development and Amature

- Explanation the physical “HANDS ON” construction of the subtracts and backbone of a clay model before clay application. Armatures will be constructed in wood aluminum and forum.

Tools Of The Trade

- This will cover the use and construction of : wires, Rakes, Steels, sweeps, finishers and more. A basic Chavant tool starter set is included with the option to purchase other.

Types Of Clay

- Covering all type of styling clay use all around the world, method of heating the clay, example of ovens, the reusability of clay. The importance of a good clean working environment.

Freehand Work

- Practical method of freehand shaping that do not requires special artistic ability. This section on free forming will focus on the proper uses of

tools and technique. The ease of making rapid design modification will be highlighted.

Using Templates

- Shaping templates, creating basic “Sweeps “ with an emphasis on developing custom templates in the use of templates.
- Developing double curvatures by using a combination of templates an sweeps.
- Constructing compounds and inverse curves and complain shapes.
- Extruding Clay

Advanced Technique

- Technique for forming double curvatures, compound curves, conave/convex curve and other complex shape will be introduced Method for producing fine details. Lettering and special surface effects.

Surface Finishing

- Using steels and sticks to perfect and refine the clay surface.

Finishing Techniques

- Surface finishing the clay of painting of the clay model to a class “A” finish compatible with polyester tooling film to the finished clay model for presentation or photographs.

Creating Temporary Molds

- Fast prototype molds are a major benefits of the clay modeling process. The use of various gypsum casting co pounds and Epoxy, to create fast, accurate prototype tools taking this “Quicks Models” and producing a prototype piece in fiberglass.

Participants Specific Application

- Hands On Instruction addressing the specific area of individual needs and how using clay with be of benefit to them.



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Our Hands-on and Practical Workshops will supplement your Classroom trainings and transform students into better engineers



Feedback Of Participant

"Fun and enriching experience. Highly Interactive and Informative lectures. Hardworking and friendly team. Best part is that these people would never get fed up of students asking for the same thing again and again but would rather clear the doubts with patience which is a true proof of their dedication and love for their work. Thank u all for coming. Had an Amazing time. Cheers! :)" - **Shalini, Delhi Technology University, Delhi**

"It is really a matter of honour to organize an event as such at BITS Pilani, Goa. This develops innovative thinking and is the platform for creative approach" - **Gunakar Venkat Yadav , IIT-BHU, Banaras.**

"Best Workshop I had attended ever :) Even belonging to non-mechanical branch, I didn't feel that I was out of topic. Very good!!" - **Pooja Bhojwani, IIT-Bombay .**

"Its awesome to see things fly at economic prices. Workshop is so interesting." - **Karthik Reddy B, NIT-Patna.**

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