

INDUSTRY SURVEY

Conducted By:

Department of Mechanical Engineering



Vishwaniketan
Survey No-52 office Mumbai-Pune Expressway Kumbhivali,
Tal- Khalapur, Maharashtra 410203.
Mobile: +91 9762051751



Principal
Vishwaniketan's (I MEET)



Vishwaniketan's

Institute of Management Entrepreneurship and Engineering Technology

Survey No-52 Off Mumbai-Pune Expressway Kumbhivali,

Tal- Khalapur, Maharashtra 410203

Phone (02192) 274206/274207/274208/274210


Mechanical Engineering Department

About Vishwaniketan

Vishwaniketan is an educational non-profit trust established in 2012-13. Its sole objective is to establish itself as centre of excellence in education. Currently, it runs Engineering, Architecture & Design professional courses. Vishwaniketan is a brain child of a CTIF Global Capsule which has offices in 22 countries. Institute has its educational philosophy developed on Project Based Learning philosophy & practice. Institute has developed four different PBL models which have been practiced in its institutions since inception.

Engineering & Architecture courses are affiliated to University of Mumbai & approved by competent statutory bodies, whereas the design course is affiliated to Teesside University, UK. Vishwaniketan has collaborations with 16 International Universities through which it has been connected globally. In the last 4 years the institute has sent over 800 students from and across India to International universities. We aim to create competent design professionals who can create novel products and solve social and National issues keeping global context in mind.

We at Vishwaniketan firmly believe that education has no boundaries. The best possible learning experience provided to the student helps them transform themselves into ideal global citizens. Vishwaniketan believes not only in this philosophy but has also taken major positive steps towards achieving this goal by implementing international programs


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General Information about you:

Name of the company :- Mechatol Product Engineering Solution (P) Ltd

Address of the company :- Ketan Park, second floor, opposite
to suraj nagar, Shantivan Chowk

Business Sector of the :- Design and Pre-manufacturing

Company :- _____

Name of Authority/Personnel :- Mr. Anand Bhise


Designation :- Director

Years of experience :- 16+ years of experience

Educational Qualification :- Mechanical Engineer

Mobile Number :- +91-9923422378

Email ID :- anand@mechatolengg.in


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Survey Form

Section 1: Industry's Expectation

Do you think the syllabus designed for Machine Design-I Subject is suitable for the industry?

Yes / No

Please elaborate your reason

- 1) Material selection as per ASTM should be included
- 2) Advanced design formula as per Industrial code should be design in syllabus.
- 3) Design for Assembly Examples should be Added more
- 4) Product Industrial design chapter should be Added if possible.

1. Do you think that Machine Design-I Lab Contents are sufficient to make the students industry-ready?

Yes / No

Please elaborate your reason

- 1) Modern trend's of Design and development Assignment should be Added
- 2) sustainable design should be added in lab
- 3) More real-time setup should be added for shaft alignment

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In line with the recent trends in your industry, what do you feel should be imperative in the Machine Design-I Subject ?

1) Material Selection

2) study of forces

3) Selection criteria for Component development Engineering.

2. Kindly mention the technology/software which is being used in your industry?

- a. 1) SolidWork / creo / NX
- b. 2) SAP
- c. 3) Zero Based Costing

3. Kindly mention the technology/software which you feel is going to be in-use in your industry in the next 5 years?

- a. 1) Supply chain Analytical data-
- b. _____
- c. _____

4. Are you willing to participate in the development process of the Machine Design-I Subject ?

Yes / No

Please tick how you want to participate:

	Industry support (Access to industry labs, Summer and Winter training to students, etc)
	Equipment

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	Curriculum (participation in the development of curriculum)
✓	Value Added Program for students and teachers (Short training, etc)
✓	Internship to the students
✓	Working along with students on Industrials problems (On Job Training)
	Capstone Projects
✓	Interactions with students (Expert talks, mentorship, etc)

Section 2: Nature of the Student

1. In your opinion who should be faculty or student base for this Machine Design-I subject ?

Education (Please tick one)	Work Experience (Please tick one)
Graduate from any stream	✓ A person with at least 3 years work experience
✓ Only for Graduate from Technical stream	A person with at least 2 years work experience
Only for Graduate from Technical stream (Diploma Graduates)	A person with at least 1 years work experience
	Work Experience does not matter

2. What could be essential prerequisite skills and knowledge base for this curriculum?
Please mention the prerequisite skills:

1) Should have work in manufacturing and Design

Please tick the prerequisite knowledge base:

✓	Technical knowledge
	Digital background
	ICT knowledge


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<input checked="" type="checkbox"/>	Business background
<input type="checkbox"/>	Any Other (Please Mention)

3. In your opinion what should be the knowledge or skill a Machine Design as a Technical Expert should possess?

1) Worked on customer product's
 2) Worked in the Arena of Design/manufacturing/ Assembly / supply chain management.


Section 3: Teaching Learning Methodology

1. How would you see Teaching Learning and Practical's for such a curriculum? Please tick

<input type="checkbox"/>	Traditional Teaching Methods
<input checked="" type="checkbox"/>	Project Based Learning
<input type="checkbox"/>	Online modules
<input checked="" type="checkbox"/>	Case Studies

2. What is a good combination for a blended learning approach?

Face to Face learning	Online modules
70% <input checked="" type="checkbox"/>	30% <input checked="" type="checkbox"/>
60%	40%
50%	50%
40%	60%


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3. Do you feel that the students working in PLC Lab should work closely with industries for hands-on and multifold learning in the form of: (Please tick)

<input type="checkbox"/>	Internship
<input checked="" type="checkbox"/>	Industry specific project
<input type="checkbox"/>	Industry specific research
<input checked="" type="checkbox"/>	Short term trainings
<input checked="" type="checkbox"/>	Workshops
	Any Other Please Specify _____

Mr. Bhaveshkumar Pasi
HoD Dept. of Mechanical Engg.
Vishwaniketan's iMEET, Khalapur


11/03/2022
Mr. Anand Bhise.
(Name and Signature of Industry Person with date)


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