




VISHWANIKETAN

Industry Survey

Conducted By:
Department of Electrical Engineering

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


Principal
Vishwaniketan's (I MEET)



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

We are part of the European Commission's Programme: EPLUS -Erasmus+ Capacity Building in Higher Education, CENTRAL Project (Capacity building and Exchange towards attaining Technological Research and modernizing Academic Learning- CENTRAL) and

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General Information about you:

Name of the company : BITC 2104, Pune
Address of the company : Narhe MIDC, Narhe, Pune - 41
Business Sector of the Company : Manufacturing/ Automation consultancy
Name of Authority/Personnel : Mr. Baxure O. N. # 21
Designation : Director
Years of experience : 30 yrs.
Educational Qualification : B.E. (Instrumentation)
Mobile Number : 9322122789 / 8104184158
Email ID : bitc2104@gmail.com

Survey Form

Section 1: Industry's Expectation

Do you think the syllabus designed for PLC Subject is suitable for the industry?

Yes / No

Please elaborate your reason

We, in automation industry, need the skilled resources in different aspects like, PLC configuration and programming, communication and implementation. If this syllabus is truly ingrained in students, the industry will be more than happy.

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

Yes / No

Please elaborate your reason

The contents are more elaborated in practicals. Even if they get familiar with one brand like Delta, then they can easily explore other brands and applications.



In line with the recent trends in your industry, what do you feel should be imperative in the PLC Subject ?

this could be one subject that will add value to students' career and enhance their employability. Even this will boost their entrepreneurial ambitions.

2. Kindly mention the technology/software which is being used in your industry?
 - a. PLC/SCADA/DCS
 - b. ISP soft for PLC, DOP soft for HMI
 - c. Comm for PLC/PC Comm
3. Kindly mention the technology/software which you feel is going to be in-use in your industry in the next 5 years?
 - d. IIoT
 - e. Wireless Technology
 - f. I/O linked technology (bus)
4. Are you willing to participate in the development process of the PLC Subject ?

Yes/No

Please tick how you want to participate:

<input checked="" type="checkbox"/>	Industry support (Access to industry labs, summer and winter training to students, etc)
<input checked="" type="checkbox"/>	Equipment
<input checked="" type="checkbox"/>	Curriculum (participation in the development of curriculum)
<input checked="" type="checkbox"/>	Value Added Program for students and teachers (Short training, etc)
<input checked="" type="checkbox"/>	Internship to the students
<input checked="" type="checkbox"/>	Working along with students on problems
<input type="checkbox"/>	Capstone projects
<input checked="" type="checkbox"/>	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 PLC subject ?

Education (Please tick one)	Work Experience (Please tick one)
<input type="checkbox"/> Graduate from any stream	<input type="checkbox"/> A person with at least 3 years work experience
<input checked="" type="checkbox"/> Only for Graduate from Technical stream	<input type="checkbox"/> A person with at least 2 years work experience
<input checked="" type="checkbox"/> Only for Graduate from Technical stream (Diploma Graduates)	<input checked="" type="checkbox"/> A person with at least 1 years work experience
	<input type="checkbox"/> Work Experience does not matter

2. What could be essential prerequisite skills and knowledge base for this curriculum?

Please mention the prerequisite skills:

Maths, Digital electronics, Basic electrical, Computer fundamentals, Instrumentation (Meas. & control.)

Please tick the prerequisite knowledge base:

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



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

Applying skills. Programming skills.

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 checked="" 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%	30%
60%	40%
50%	50%
<input checked="" type="checkbox"/> 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)

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<input checked="" type="checkbox"/>	Internship
<input type="checkbox"/>	Industry specific project
<input type="checkbox"/>	Industry specific research
<input checked="" type="checkbox"/>	Short term trainings
<input type="checkbox"/>	Workshops
<input type="checkbox"/>	Any Other Please Specify <u>Industry visits with proper guide</u>

Dr. Prof. Sharvari Sane

HOD,

Dept of Electrical Engineering

ViMEET, Khalapur

Stamp and Signature of

(BARUNE O. N.)
concerned Industry Person

For BITC 2104

[Signature]
Proprietor



[Signature]
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