



VPM's

**Maharshi Parshuram College of Engineering, Velneswar**

**Department of Instrumentation Engineering**

3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, reseach, etc during the last five years (10)

Sr. No.	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Year of commencement	Duration (From-To)	Nature of linkage
1	Internship	College of Engineering ,Pune	2018-19	18 <sup>th</sup> june 2018-28 <sup>th</sup> june 2018	PLC and automation
2	Research	EXCEL Industries, Lote Parshuram, Dist:Ratnagiri	1 year	10-07-2017 to 18-04-2018	Project on 1. Monitoring and control of Influence discharge water. 2. Automation of water tank using relay logic.
3	Internship	College of Engineering ,Pune	2016, 2017, 2018	15 days	PLC and automation
4	Faculty Exchange	Walawalkar science college	1 year	9-09-2017 to 10-09-2017	Syllabus desiging
5	Field trip	Dapoli Kokan Krushi Vidyapeeth,Dapoli	2016 ,2017, 2018	05-04-2016,22-03-2017, 14-03-2018	Analytical Lab visit
		B.K. L. Walawalkar Hospital Trust,Dervan	2015,2016 ,2017,2018	03-09-2015,01-10-2016, 08-09-2017,22-09-2018	Biomedical Instruments Visit
		EXCEL Industries,Lote Parshuram, Dist:Ratnagiri	2018	,05-07-2017,14-03-2018	Chemical plant visit

		2018		
	M/S B.G.Chitale Dairy,Bhilawadi		21-02-2018 to 22-02-2018	Dairy automation visit
	Automation and Control System ,Pune	2016	27-02-2016	Automation visit
	JSW Energy Ltd.(Jindal),Jaigad	2014	15-02-2014	Energy plant

### 2018-19

MPCOE is having tie up with COEP. Instrumentation Engineering students are taking Industrial Training on Virtual Labs from expertise in COEP for free of cost. Total 03 students from 2019 batch had skilled with two weeks PLC & Automation through this training from 03/07/2018.





IS/ISO 9001:2008,  
IS/ISO 14001:2004 &  
IS 18001 : 2007  
Certified by BIS.



## EXCEL INDUSTRIES LIMITED

D-9, M.I.D.C. Area Lote-Parshuram, Tal. Khed, Dist. Ratnagiri,  
MAHARASHTRA (INDIA) PIN-415 722.  
TEL : +91-2356-272062 / 272019 ★ FAX : 00-91-2356-272336  
Email : excel.lote@excelind.com ★ Website : www.excelind.co.in  
CIN : L24200MH1960PLC011807

Date: 20/10/2017

*To whomever it may concern,*

This is to certify that, following final year students of Instrumentation Engineering Department at VPM's Maharshi Parshuram College of Engineering, Velneshwar are working on project titled "To Monitor and Control Effluent Water Discharge by SCADA-PLC" under the supervision and guidance of Mr. Sanjay Ajari (Manager – Instrumentation, Excel Industries Ltd. Lote. ) towards the partial fulfillment of project work required for VII<sup>th</sup> semester of Instrumentation Engineering, University of Mumbai from August 2017 to December 2017. This work will be continued for next semester 2018.

Students Name (Roll No.)

1. Suyog Yashawant Bankar (I-701)
2. Saurabh Sambhaji Bhosale (I-702)
3. Shraddha Sanjay Durve (I-703)

Thanking You.

With regards,

  
S D Ajari

Manager – Instrumentation

Excel Industries Ltd, Lote,

  
V. R. Vaidya

Manager – Project and technical.

Excel Industries Ltd, Lote,





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CIN : L24200MH1960PLC011807

*To whomever it may concern,*

This is to certify that, following final year students of Instrumentation Engineering Department at VPM's Maharshi Parshuram College of Engineering, Velneshwar are working on project titled "Automation of Water Tank Using Relay Control" under the supervision and guidance of Mr. Sanjay Ajari (Manager – Instrumentation, Excel Industries Ltd. Lote. ) towards the partial fulfillment of project work required for VII<sup>th</sup> semester of Instrumentation Engineering, University of Mumbai from August 2017 to December 2017. This work will be continued for next semester 2018.

Students Name (Roll No.)

1. Sahil Pritam Koli (I-705)
2. Aishwarya Ratnakant Lambe (I-706)
3. Saiprasad Mohan Ruikar (I-708)

Thanking You.

With regards,

  
S D Ajari

Manager – Instrumentation

Excel Industries Ltd, Lote,

  
V. R. Vaidya

Manager – Project and technical.

Excel Industries Ltd, Lote,







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Email : excel.lote@excelind.com ★ Website : www.excelind.co.in

CIN : L24200MH1960PLC011807

Date: 13/04/2018

### *To whomever it may concern,*

This is to certify that, following final year students of Instrumentation Department at VPM's Maharshi Parshuram College of Engineering, Velneshwar have completed project work titled "Automation of Water Tank Using Relay Control" under the supervision of and co-guidance by Mr. Sanjay Ajari (Manager – Instrumentation, Excel Industries Ltd. Lote. ) towards partial fulfillment of Bachelor's Degree of Instrumentation Engineering, University of Mumbai from August 2017 to April 2018.

Students Name (Roll No.)

1. Sahil Pritam Koli (I-804)
2. Aishwarya Ratnakant Lambe (I-805)
3. Saiprasad Mohan Ruikar (I-807)

The results and analysis of this project is verified and tested by company's technical expert.

We wish them all the very best in all their future endeavors.

Thanking You.

With regards,

S D Ajari

Manager – Instrumentation

Excel Industries Ltd, Lote,

V. R. Vaidya

Manager – Project and technical.

Excel Industries Ltd. Lote.

2017-18

1. A team of faculties and HOD's MPCOE have visited B.K.L. Walawalkar Rural Medical Hospital and College on 24/09/2018 under MoU with Walawalkar Trust.



1. Our students and faculties have visited Chitale Dairy Plant Bhilwadi on 21<sup>st</sup> - 22<sup>nd</sup> February 2018. Chitale Dairy was founded by the great visionary, Late Shri Bhaskar Ganesh alias Babasaheb Chitale (B. G. Chitale). A journey that began in 1939, in the small town of Bhilawadi set the stage for a revolution in the country's dairy industry. Today, the company has one of the most technologically advanced dairy plants in the country, with a processing capacity of 2.4 lakh litres of milk per day. Every day, 2 lakh litres of milk is standardized, pasteurized, packaged and



dispatched for sale in Pune. Apart from milk, butter, ghee, milk powder, khoa, chakka and casein form part of a formidable line-up of Chitale Dairy products.

Over the last half century, the enterprise has distributed 13,881 buffaloes to farmers across Maharashtra and granted subsidy payments exceeding Rs. 3,08,11,230. This initiative has provided employment to large unemployed sections of the district and also enabled them to earn supplementary income.

This massive enterprise is a result of the Group's unflinching support and dedication towards the development of farmers by arming them with resources and technological know-how in modern cow and buffalo breeding practices.

Dairy farming has been the Group's forte and they have striven to elevate it to the level of a full-fledged industry. Research and development has always been the Group's primary focus. Having kept up with new technology & scientific advances, the Group has achieved a distinct edge in the form of India's most modern and sophisticated buffalo farm, blood profile and frozen semen laboratory at their dairy farm in Bhilawadi, Maharashtra.

There were total 20 students with 2 faculty members have visited this amazing automation plant.



2. The second year and third year students of Instrumentation Engineering department visited to Analytical laboratories of **EXCEL Industry (Lote Parshuram, Dist:Ratnagiri)** and **Dapoli Kokan Krushi Vidyapeeth, Dapoli** on date 14<sup>th</sup> of March 2018.

These laboratory equipments are parts of their curriculum subject titled: Analytical Instruments”.

At **EXCEL industry** students learned about function of pH meter, Spectrophotometer, Turbidity meter and colorimeter. These instruments are used to test samples of industrial paints as well as pharmaceutical chemicals.

At analytical laboratory of **Dapoli Kokan Krushi Vidyapeeth** , **Dapoli** students learned the operations of Atomic emission techniques as well as distillation unit and spectrophotometer. These instruments are used for testing of soil and chemicals in agricultural procedures.

These industrial visits found very fruitful for students in learning various equipments and will surely help them in designing various projects in future.



## 2016-17

1. MPCOE is having tie up with COEP. Instrumentation Engineering students are taking Industrial Training on Virtual Labs from expertise in COEP for free of cost. Total 10 students from 2018 batch had skilled with two weeks PLC & Automation through this training from 24/06/2017.



## 2015-16

1. MPCOE is having MoU with COEP. Instrumentation Engineering students are taking Industrial Training on Virtual Labs from expertise in COEP for free of cost. Total 10 students from 2017 batch had skilled with two weeks PLC & Automation through this training from 20/06/2016.





## **2015-16**

1. MPCOE is having MoU with COEP. Instrumentation Engineering students are taking Industrial Training on Virtual Labs from expertise in COEP for free of cost. Total 22 students from 2016 batch had skilled with two weeks PLC & Automation through this training from 27/06/2015.



**2014-15**

1. Students visited Jindal Power Plant Jaigad on 15/02/2014. Students have seen the working of Tidal Power Plant which has covered in their syllabus named Power Plant Instrumentation.

