



Expert Talk on

**“IOT, Data Science & Automation in Engineering”**

Academic Year 2019-20

**Resource person:** - Mr. Vivek Sardal. Director & Business Head,

Prolific system & Technologies Private Limited, Pune.

**Coordinator:** Mr. Tatugade A. A. (Assistant Professor & H.O.D., EXTC RM CET)

**About workshop:**

The Expert Talk on IOT, Data Science & Automation in Engineering has been conducted by Mr. Vivek Sardal, to cover material relevant to rapid changing scenarios of IOT, Data Science & Automation. The Expert Talk gives face to face discussion with the expert for various skill sets required to work in the field of Data Science & Automation, considering students future and career.

The Expert Talk has covered following topics -

1. Introduction of Industrial Automation
2. Different segment in Automation
3. Projects related with Automation segments.
4. Programmable Logic controller (PLC)
5. Human machine Interface
6. Distributed control systems (DCS)
7. Technologies available in Automation field
8. Logic's in Automation field
9. Supervisory control and data acquisition (SCADA)
10. Brief introduction of IOT
11. Jobs available in Industrial Automation
12. Carrier in Automation sector
13. Market expectation from today's engineers





PRABODHAN SHIKSHAN PRASARAK SANSTHA'S (Regd.No. E-697 Ratnagiri)  
**RAJENDRA MANE COLLEGE OF ENGINEERING AND TECHNOLOGY**  
Approved by AICTE, Recognized by D.T.E & Affiliated to University of Mumbai  
Accredited by NAAC with 'B+' Grade

Office: At & Po – Ambav (Devruk) Tal – Sangmeshwar, Dist – Ratnagiri, Pin – 415804 (Maharashtra)  
☎: (02354) 269400/269401 • Email: [info@rmcet.com](mailto:info@rmcet.com) • Website: [www.rmcet.com](http://www.rmcet.com) • DTE Code: 3202



**Duration:**

It was two hrs. seminar.

**Date:** 11/10/2019.

**Numbers of beneficiary:**

Total 40 students of third & final year EXTC have attended this Seminar.

**Seminar Photos:**

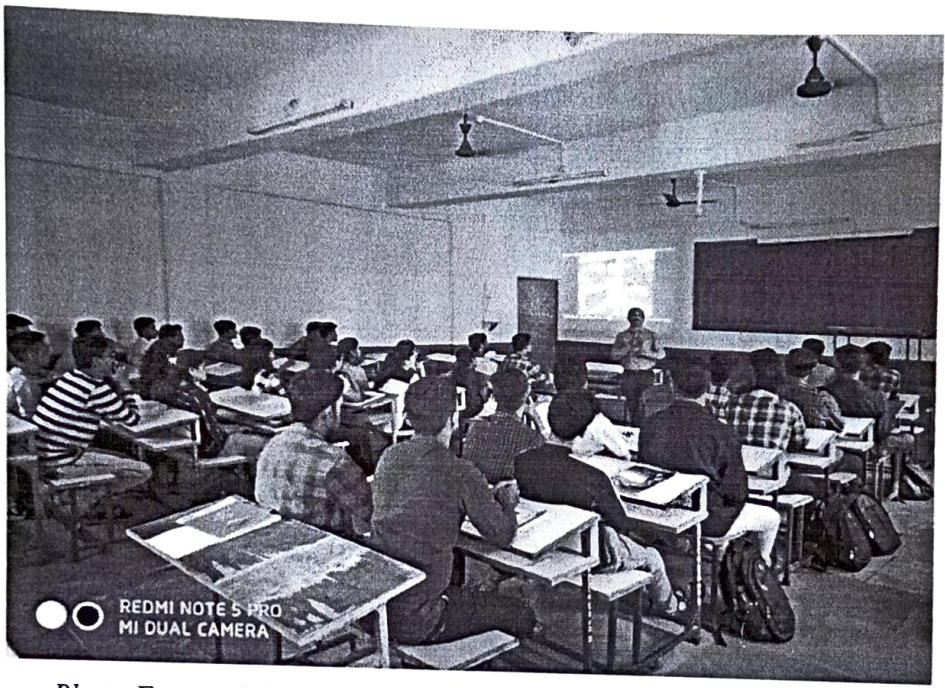
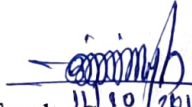


Photo: Experts delivering and guiding the session & Student participants.



  
11/10/2019  
Faculty Coordinator  
Mr. Tatugade A. A. (H.O.D. EXTC.)  
H. O. D.  
(ELECTRONIC'S & TELECOMMU. ENGG.)  
Rajendra Mane College of  
Engineering & Technology  
Ambav Devruk, Tal. Sangmeshwar,  
Dist. Ratnagiri, Pin-415804.  
(Maharashtra)



Hod Extc <hodextc@rmcet.com>

## Automation Seminar letter

1 message

Vanita <sales.pune@proflifctraining.com>

To: hodextc@rmcet.com

Tue, Sep 24, 2019 at 1:10 PM

Dear Sir/Madam,

Greetings!

We here glad to introduce you, **Prolific Systems and Technologies Pvt Ltd.** as a 100% NSDC (Govt. of India) funded organisation. Prolific Systems is ISO 50001-2008 and 14001-2005 and IAO Certified organisation. Establishment of this organisation is 1997. From last 22 years we are in Automation, Embedded and Mechanical training, Projects and Placements.

Now a day's skill development is the important part of Engineering students. After completion of Engineering, students are preparing for GET OR Government exam. But How many candidates are getting through these Exams? After investing one to two years students are not able to crack these exams. And after two years of Engineering curriculum they are not able to crack any interview in various Industries.

Today's global scenario is required more skill set for getting a proper job in core field. Prolific is working with NSDC for their skill development. Prolific is conducting free of cost seminar on "Industrial Automation" for these Engineers. In this training program we covered following topics



1. Introduction of Industrial Automation
2. Different segment in Automation
3. Projects related with Automation segments
4. Programmable Logic controller (PLC)
5. Human machine Interface
6. Distributed control systems (DCS)
7. Technologies available in Automation field
8. Logic's in Automation field
9. Supervisory control and data acquisition (SCADA)
10. Brief introduction of IOT





11. Jobs available in Industrial Automation
12. Carrier in Automation sector
13. Market expectation from today's engineers

I hope your college will provide an opportunity to update your engineers and help them to show a path of carrier and to serve me for Nation with the helping hand of NSDC (Skill development program by Govt of India). This session will be for maximum one to two hours.

◎ **Speaker – Mr. Vivek Sardal (Director and Business head of Western Maharashtra) –** He is working with "Prolific systems and technologies Pvt. Ltd." from last 17th years. Working for Project, training, Management and business development department with our organisation.

OR

◎ **Speaker – Mr. Prabhakar Gawali (Business Head of Automation Department) –** He is working with "Prolific systems and technologies Pvt. Ltd." from last 12th years. Working for Project, training Management and business development department with our organisation.

Waiting for your reply.

Thanks & Regards

Ms. Vanita Pawar

Training Division –Pune

8007288688/66866



**PROLIFIC SYSTEMS & TECHNOLOGIES PVT. LTD.**

Branch Address:-

**Swargate - :** 413 to 419, Patil Plaza, Mitra Mandal Chowk, Parvati, Swargate, Pune-411009

**Shivajinagar:-** 36, Preet Chamber, Mumbai-Pune Highway, Wakdewadi, Pune-411003





Hod Extc <hodextc@rmcet.com>

a path of  
GOV

## Confirmation Mail about Seminar On Automation

1 message

Vanita <sales.pune@prolifctraining.com>

Fri, Oct 4, 2019 at 3:39 PM

To: hodextc@rmcet.com

Dear Sir,

Greetings.

With reference to your communication on phone about Seminar on "**Industrial Automation**". We hereby confirm it, Seminar will be conducted at your college premise (**Rajendra Mane College of Engineering and Technology**) on **11<sup>th</sup> Oct 2019, Time 11:00 am.** Your institute has to arrange Projector & PC/Laptop. Our **HOD (Automation) Mr. Vivek Sardal Sir (9503316164)** shall be available to conduct seminar on the said topics.

Thanks & Regards

Vanita Pawar

Training Division (Pune)

8007288688 /8007266866



Prolific Systems & Technologies Pvt. Ltd.

36, Preet Chambers, Mumbai -Pune Highway,

Opp. Yamaha Showroom, Wakdewadi, Shivaji Nagar, Pune-411003

Telephone - (020) 25533691, 25530356

URL - Training - [www.prolifictraining.com](http://www.prolifictraining.com)

Turnkey Solution - [www.prolificpc.com](http://www.prolificpc.com)

Testing Solution - [www.prolificindia.com](http://www.prolificindia.com)

- NSDC (Government of India) Approved Training Company
- International Accreditation Organization (IAO-USA) Accredited Courses
- ISO 9001 - 2008 Certified : ISO 14001-2004 Certified
- An affiliate company of Aref Group, Kuwait ([www.arefgroup.com](http://www.arefgroup.com))
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21 Branches across India / 17 Years in Operation



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"IOT, D

Expert

**Rajendra Mane College of Engineering Technology, Ambav.**  
 Department: Electronics & Telecommunication Engineering.

**EXPERT TALK ON  
 "IOT, DATA SCIENCE & AUTOMATION IN ENGINEERING"**

Expert - Mr. Sardar Vivek  
 Director & Quinery Head  
 Date: 11/10/2019 - Directorate of Technical Education, Pat Veda, Pune.  
 - Practice Synt. 4 Feb. 1st Feb. Pune.

Sr. No.	Roll No.	Students Name	SIGN.
1	B401E	AMBERKAR CHINMAY C.	<i>Amberkar</i>
2	B402E	APSHITE ANKITA RAVINDRA	
3	B403E	BHOSALE SIDDHESH PRAMOD	<i>SBhosale</i>
4	B404E	DANI AMEY DATTA RAM	<i>AA</i>
5	B405E	JADHAV DIXITA SUHAS	<i>Dixita</i>
6	B406E	JADHAV JAYESH JAGANNATH	<i>Sachet</i>
	B407E	KADAM MANTHAN SURESH	
8	B408E	KHOLYE PRASHANT PRAKASH	<i>Prashant</i>
9	B409E	MAHADIK PRAKTIK PRADIP	<i>Pratik</i>
10	B410E	NALWADE PARIMAL BAJARANG	
11	B411E	PANDIT GURUPRASAD VISHWAS	<i>Pandit</i>
12	B412E	PARKAR NILESH SAHADEO	<i>N.S.P.</i>
13	B413E	PAWAR OMKAR SANTOSH	
14	B414E	RAWOOL OMKAR SHIVRAM	<i>O.S.Rawool</i>
15	B415E	SHIRKE SAURABH JAGDISH	
16	B416E	TAMHANKAR AKSHAY SANTOSH	<i>Tamhankar</i>
17	B417E	WADKAR AJINKYA TUKARAM	<i>Wadkar</i>
	B418E	WAJE SAMRUDHI SUBHASH	<i>Waje</i>
19	B419E P	CHAVAN KUNAL SHAM	<i>Kunal</i>
20	B420E P	LOGADE SHUBHAM SURESH	<i>Logade</i>
21	B421E P	JADHAV ANIRUDDHA BAHIRU	<i>Jadhav</i>
22	B422E P	GHAQ OMKAR JAYAVANT	<i>Ghaq</i>

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Sr. No.	Roll No.	Students Name	SIGN.
1	T301E	BARCODE VEDANT RAJESH	<i>V.R.</i>
2	T302E	BEHERE SHRIPAD RAJENDRA	
3	T303E	BURTE SHUBHAM ANANT	
4	T304E	CHAVAN ANIKET ANIL	<i>Chavan</i>
5	T305E	DESAI SAMEER SHIVAJI	<i>Desai</i>
6	T306E	GAWADE SIDDHESH J.	<i>Gawade</i>
7	T307E	GHANEKAR PRATHAMESH P.	<i>Phanekar</i>
8	T308E	GHANEKAR TEJASHRI R	<i>Phanekar</i>
9	T309E	KADAM PRAKTIKSHA S.	<i>Pratiksha</i>
10	T310E	KANGUTKAR RAJAT M.	<i>Kangutkar</i>
11	T311E	KARBANIYKAR SAINATH D.	<i>Kar</i>
12	T312E	KHAPARE SANKET SHIVAJI	<i>Khapare</i>
13	T313E	KUDTARKAR HARSHAD D.	<i>Kudtarkar</i>
14	T314E	LINGAYAT ROHAN MANOJ	<i>Rob</i>
15	T315E	MAHADIK PRATHAMESH S.	<i>Maahadik</i>
16	T316E	MAVALANKAR VIRAJ VIJAY	<i>Mavalankar</i>
17	T317E	NARVEKAR RUTIKA S.	<i>Narvekar</i>
18	T318E	NATUTSKAR OMKAR DILEEP	
19	T319E	PATOLE RAJUDAY	<i>Patole</i>
20	T320E	PAWAR ADITYA DILIP	<i>Patil</i>
21	T321E	RAO TEJAL RAJESH	<i>Rao</i>
22	T322E	SALVI NAMRATA C.	<i>Salvi</i>
23	T323E	SALVI SWAROOP R.	<i>Salvi</i>
24	T324E	SANSARE TEJAS VIKAS	<i>Sansare</i>
25	T325E	SURVE ANJALI RAVINDRA	<i>Surve</i>
27	T327E P	JADHAV SIDDHANT SUNIL	<i>Jadhav</i>

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**PRINCIPAL**  
 Rajendra Mane College of Engineering  
 & Technology, Khatav, Shivajinagar  
 Tal. Sangameshwar Dist. Rajurthi  
 Pin: 415102 (Maharashtra)

CO-ORDINATOR: Mr. Tadugade A. A.

Total =  $10 \times 23 = 230$