



Kalyanii Charitable Trust's

## LATE G. N. SAPKAL COLLEGE OF ENGINEERING

(Accredited with Grade 'B' by NAAC)

Affiliated to > Savitribai Phule Pune University (ID. No.PU/NA/Engg./152/2009 Ref.No.-CA/6501 Dated- 18/11/2009)

Approved by > A.I.C.T.E., New Delhi (F.N: 06/07/MS-Engg/2008/O-17, Dated- 11th June 2009)

> Govt. of Maharashtra (No. GEC-2009/(67/09)/T.E.- 4, Dated- 15th June 2009)

> D.T.E., M.S., Mumbai (No.2/NGC/Engg./Approval/2009/535, Dated - 23rd July 2009)

> AISHE CODE : C-42196



Dr. Ravindra G. Sapkal  
Chairman & Managing Director  
Kalyanii Charitable Trust

Dr. Sahebrao B. Bagal  
M.E. (E & TC), Ph.D. (E & TC)  
Principal

### MEMORANDUM OF UNDERSTANDING BETWEEN

**Department of Electrical Engineering**  
Kalyani Charitable Trust's  
Late G N Sapkal College of Engineering  
Anjaneri, Nasik -422213 (MS), India.

&

**Prolific Systems & Technologies Pvt.Ltd**  
Cluster Automation Services  
A-2 Manik Gandh H. Society  
Brahmagiri, Opp.central Jail  
Jail-Road, Nasik Road, Nasik

This Memorandum of Understanding (MoU) is entered into as on 20.04.2022, by and between the Late G N Sapkal College of Engineering Nashik (MS), India and Prolific Systems Technologies Pvt. Ltd, Nasik.

**The Late G N Sapkal College of Engineering** is established in the year 2009 under aegis of Kalyani Charitable Trust's, Mumbai with approval of AICTE and DTE, Government of Maharashtra. The Institute is affiliated to Savitribai Phule. The Late G N Sapkal College of Engineering is committed to serve common masses by disseminating engineering education.

**Prolific is** a professionally run, ISO 9001 & ISO 14001 company established by technocrats with several decades of industrial experience. Prolific is one of the leading turnkey Electrical, Instrumentation, Automation & IT solution provider and the largest Indian advanced industrial technology and embedded systems training provider. Prolific has fully equipped facilities at 23 locations in India.

**The partners have entered into this MoU because they:**

- ✓ RECOGNIZE the mutual interest in the field of industrial training, development and dissemination of knowledge.
- ✓ RECOGNIZE the importance of Industry Institute interaction activity for engineering students.
- ✓ RECOGNIZE the importance of the Industry Partner within its field of expertise.
- ✓ To provide an opportunity to most eligible students for professional work experience through employment, if possible.

**This MoU will enable the parties to:**

- > FOSTER technical education at undergraduate and post graduate level to make the students, industry ready.



- **CAMPUS** : Sapkal Knowledge Hub, Kalyanii Hills, Anjaneri-Wadholi, Trimbakeshwar Road, Nashik - 422 213. (India)  
Tel.: + 91- 2594 - 220168/69/70 | Mob.: +91 9922252699 | Toll Free No.: 1800 233 2999 | **E-mail** : gns\_engineering@sapkalknowledgehub.org
- **CORPORATE OFFICE** : Sapkal Knowledge Hub, 'Parag' 46, Ashwin Sector, Opp. Hotel Sai Palace, Mumbai-Agra Highway, Nashik - 422 009.  
Tel.: +91 - 253 - 2392450 / 51 | **E-mail** : head.marketing@sapkalknowledgehub.org | **Website** : www.sapkalknowledgehub.org
- **MUMBAI OFFICE** : Sapkal Knowledge Hub, Unit No. 22, 1<sup>st</sup> Floor, Shubhada Tower Shopping Centre, Sir Pochkhanwala Road, Near R.T.O. Office, Worli, Mumbai - 400 030. Tel.: + 91 - 22 - 24938914 / 15 | **E-mail** : cmd@sapkalknowledgehub.org, ravi.sapkal@gmail.com



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> AISHE CODE : C-42196



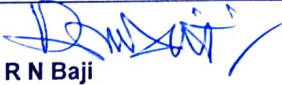


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M.E. (E & TC), Ph.D. (E & TC)  
Principal



**Dr. Ravindra G. Sapkal**  
Chairman & Managing Director  
Kalyanii Charitable Trust

- ✓ STRENGTHEN the theoretical knowledge in industrial practices. An exposure to industrial environment brings about attitudinal change in the students by inculcating managerial principles which cannot be effectively imparted through classroom or laboratory inputs.
- ✓ PROVIDE In-plant training to Late G N Sapkal College of Engineering students.
- ✓ PROVIDE Industry related project to Late G N Sapkal College of Engineering students and an opportunity to learn recent industry practices.
- ✓ ALLOW the Late G N Sapkal College of Engineering Students for industrial visits to enhance the subject related knowledge.
- ✓ EXPLORE any opportunity of campus placement for Late G N Sapkal College of Engineering students.
- ✓ This MOU is signed only in the interest of helping & guiding the Late G N Sapkal College of Engineering students in various development activities & Nasik Transformer Industries will not responsible for any other act of the student of whatsoever kind.
- ✓ To provide an opportunity to most eligible students for professional work experience through employment, if possible.
- ✓ This MOU is valid for 5 Years.

The parties hereby agree to establish collaboration according to terms and conditions set out by **Late G N Sapkal College of Engineering and Prolific Systems Technologies Pvt. Ltd, Nasik.**

<b>Kalyani Charitable Trust's Late G N Sapkal College of Engineering Anjaneri Nasik (MS), India</b>	<b>Prolific Systems &amp; Technologies Pvt.Ltd , Nasik Road, Nasik</b>
<b>Signed by:</b> Dr S B Bagal, Principal	<b>Signed by :</b> Mr.Aniket H Jagtap Mobile No.8975557209
<b>Signature:</b> 	<b>Signature :</b> 
<b>Witness Signature</b>  Prof. R N Baji HOD, Electrical Dept.	
<b>Date :</b> 20.04.2022	<b>Date :</b> 20.04.2022
<b>Office Seal :</b> 	<b>Office Seal :</b> 

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**Dr. Ravindra G. Sapkal**  
Chairman & Managing Director  
Kalyanii Charitable Trust

**Ref: KCT's /LGNSCOE/2022-23/ 187**

**Date: 12/05/2023**

To,  
Mr. Aniket Jagtap  
Marketing Head & Automation Engineer,  
Prolific Systems & Technologies Pvt. Ltd.  
Mumbai.

**Subject: - Invitation letter to deliver a Expert Talk on "Career Opportunities in industrial Automation."**

Respected Sir,

We are pleased to invite you to deliver a Seminar on "Career Opportunities in industrial Automation" organized by Electrical Engineering Department in association with IQAC of Late G. N. Sapkal College of Engineering, Anjaneri, Nashik 422212

We take this opportunity to invite you as a guest speaker. It would indeed be our privilege, if you could accept our earnest request in this regard and share your knowledge with audience of all departments of our college. Kindly provide convenient date for valuable webinar.

The tentative day, date and time for this program is Wednesday, 18<sup>th</sup> May, 11.15 AM

Please make it convenient to visit our campus and oblige.

Thanking You,

With Warm Regards.

Yours Sincerely,

**Prof. P. R. Gajare**  
Program Coordinator

**Prof. Dr. V. A. Kolhe**  
IQAC Coordinator

**Prof. R. N. Baji**  
HOD, Electrical Engg.

**Prof. (Dr.) S. B. Bagal**  
Principal



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Ref:KCT's/LGNSCOE/2022-23/

## NOTICE

DATE:- 15/05/2023

All the TE & BE (Electrical, E&TC and Mechanical) students are hereby informed that **Electrical Engineering Department** organizing Expert Talk on “**Career opportunities in Industrial Automation**” in support with PROLIFIC Systems & Technologies Pvt. Ltd., Mumbai on **18<sup>th</sup> May 2023**.

Time:- 11.15 am

Venue: Engineering Seminar Hall



Prof. P. R. Gajare  
Event Coordinator



Prof. R.N. Baji  
HOD



Prof. (Dr.) S. B. Bagal  
Principal



TEMP: C 3



**KALYANI CHARITABLE TRUST'S  
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Website: www.sapkalknowledgehub.org E-mail: gns\_engineering@sapkalknowledgehub.com



**ELECTRICAL ENGINEERING DEPARTMENT**

Date-18/05/2023

**Program Schedule**

**Seminar on "Career Opportunities in Industrial Automation"**

Time	Event
10.30 am	<i>Welcome of the Guest – Mr. Aniket Jagtap (Prolific Systems &amp; Technologies Pvt. Ltd. Mumbai.)</i>
11.15 am	<i>Introduction of the Guest</i>
11.20 am	<i>Expert talk on <u>"Career Opportunities in Industrial Automation"</u></i>
1.20 pm	<i>Interactive session with students</i>
1.25 pm	<i>Vote of Thanks</i>
01.35 pm	<i>National Anthem</i>
01.40 pm	<i>Guest speaker will leave &amp; Program ends.</i>



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**PROGRAM REPORT****Title of the Program: Seminar on “Career Opportunities in Industrial Automation”****Date(s): 18/05/2023****Duration: 2:00 hr****Venue: Class Room ( Electrical Department)****Details of Participants: Female =12****Male= 29****Total= 41****Name of Speaker with details: Mr. Aniket Jagtap*****(Prolific Systems & Technologies Pvt. Ltd. Mumbai.)***

Prolific Systems & Pioneer in industrial automation training. Presence since 1997. Trained over 10,500 students / working professionals in CY14. In the past 4 years, executed over 500 in-plant training programs for well-known companies including 50+ Fortune 1000 companies. 25 Branches across the country. Prolific's certification is highly valued in companies across diverse industrial sectors in India and outside India Biggest Industrial Automation trainer in the World with more than 75 well equipped training labs with 180 experience trainers. Prolific has more than 400 employees to support you in various stages of your career. ISO 9001-2008 Certified company for quality management.

**Program Objectives:**

- To enhance the knowledge of students in Industrial Automation
- To understand role of SCADA in industrial automation
- To develop the knowledge in modules of PLC designing
- Ability to understand the importance of Industrial automation
- Ability to explain the configuration of SCADA.
- Ability to understand need of PLC in automation.

**Topics:**

- Introduction to Industrial Automation
- Industrial Automation using SCADA



- Industrial Automation using PLC
- Jobs in Industrial Automation
- Benefits of Industrial Automation
- Recent & Emerging application

### Summary of Program:

Guest Lecture was organized by Department of Electrical Engineering on 18th May , 2023 at 11:15 a.m. Prof. Swati D. Badgajar introduced the speaker Mr. Aniket Jagtap, Marketing Head & Automation Engineer Prolific Systems & Technologies Pvt. Ltd. Mumbai has been working in Electrical Engineering field for the last Eleven years and have trained 10 batches in automation.

The guest speaker gave an extensive speech on opportunities for electrical engineering fresher's students in automation. The speech was centred on "Gap between Industry & Academics". Apart from curriculum, specialised training is must to secure challenging position in competitive arena. Industries look towards skilled engineers immediate joining on field work not an engineer with lack of technical skills which needs to be trained.

Sir explained for becoming an entrepreneur we have to be well experience & knowledge in specific technical field. Once the system requirements is understood, then it is easy to become an entrepreneur. Sir shared his experience in automation.

Jobs as per candidate's basic engineering branch (Electrical, Electronics & Tele- communication & Mechanical) Placement support to candidate throughout his / her career. Support to candidates if they face any technical problem in their daily work.

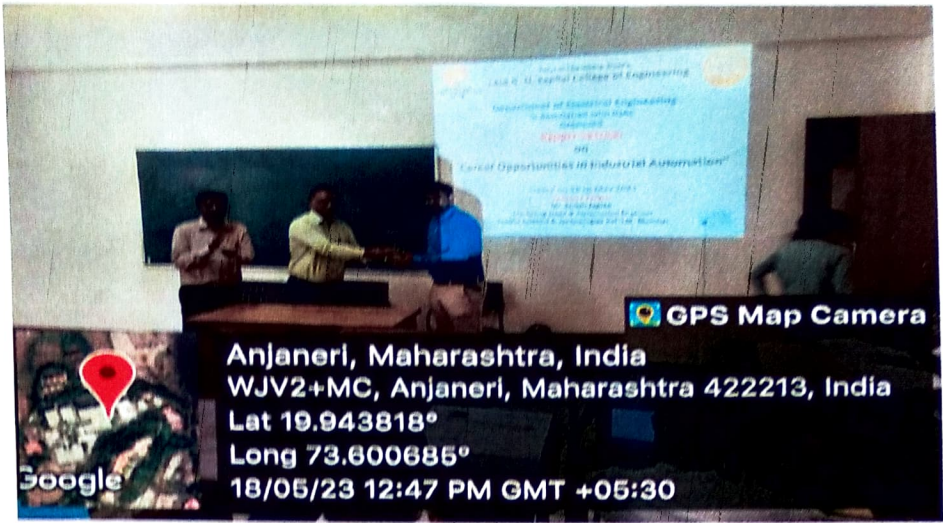
The session was concluded with a question answer session at 1:20 p.m. Faculty members also coordinated to conduct the guest lecture successfully. There were around 41 Second year, Third year & final year students as participants.

### Photographs:

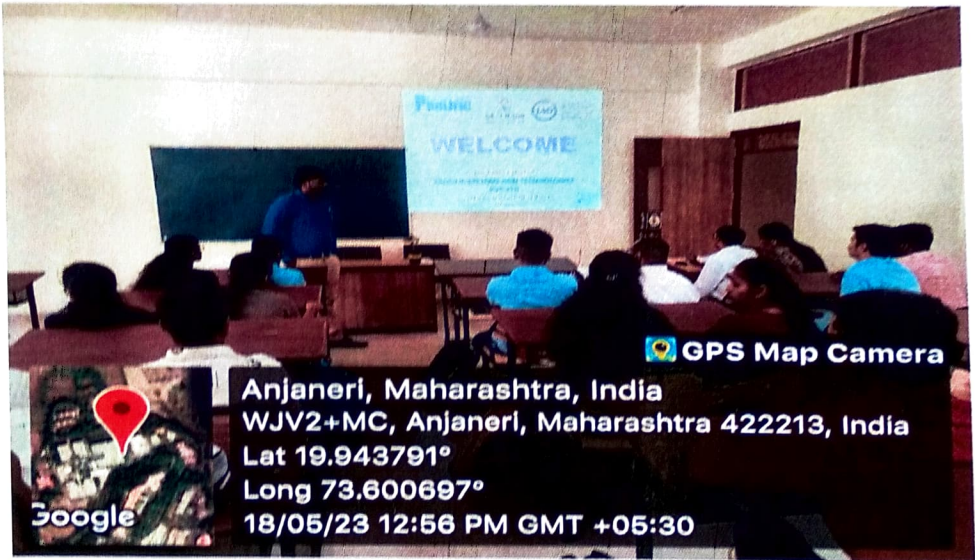


**Banner of Program**





**Felicitation of Expert of Seminar ( Aniket Jagtap)**



**Photograph at the time of live session**







Photograph at the time of live session



Photograph at the time of live session

Prof. P. R. Gajare  
Program Coordinator



Prof. R. N. Baji  
Head of Department

Prof. (Dr.) S. B. Bagal  
Principal



Kalyani Charitable Trust's

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**Ref: KCT's /LGNSCOE/2022-23/ 188**

**Date: 18/05/2023**

To,

**Mr. Aniket Jagtap**

**Marketing Head & Automation Engineer,**

**Prolific Systems & Technologies Pvt. Ltd.**

**Mumbai.**

**Subject: - Conduction & Appreciation Letter**

Respected Sir,

Late G. N. Sapkal College of Engineering provides wide range of B.E. & M.E. courses. It aims of conducting high standards of education in the field of engineering. The college conducts courses in various streams of engineering, at the undergraduate level & postgraduate level, which are conducted strictly as per the rules and regulations of AICTE. With this reference Department of Electrical Engineering of Late G. N. Sapkal College of Engineering in association with IQAC cell, Nashik, conducted 30 hours Certificate course on "**Career Opportunities in industrial Automation**".

On behalf of our institute we take this opportunity to express our appreciation to you for the 30 hour Certificate course on "**Career Opportunities in industrial Automation**". It was extremely informative, and participation illustrated the importance of this topic to our students & faculty members. We would like to thank about your personally taking time to provide us with the full of information.

Thanking You,

With warm regards.



Received  
Jagtap



**Prof. (Dr.) S. B. Bagal**

**Principal**

**CORPORATE OFFICE** : Sapkal Knowledge Hub 'Parag' 46, Ashwin Sector, Opp. Hotel Sai Palace, Mumbai-Agra Highway, Nashik - 422 009. Tel.: +91 - 253 - 2392450 / 51 Fax: +91 - 253 - 2375557.

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ATTENDANCE SHEET

Title of the Program: Career opportunities in Industrial Automation

Date: 18/05/2023 Time: :

Venue: Electrical Department (class room)

Sr.	Name of Student	College Name	Course Name	Signature
1.	Tejaswini A. Kuzhade	SKH		<u>Tejaswini</u>
2.	Nikhil D. Shimpi	SKH	E & TC	<u>Nikhil</u>
3.	Bhagade Manohar Minnerath	SKH	E & TC	<u>Manohar</u>
4.	AHER MAHESH SHIVAJI	SKH	Electrical	<u>Aher Mahesh</u>
5)	Rohit Jitendra Sonawar	SKH	Electrical	<u>Rohit</u>
6)	Nilesh Rajesh Shejwal	SKH	Electrical	<u>Nilesh</u>
7)	Omkar Shivaji Wadwale	SKH	Electrical	<u>Omkar</u>
8)	Kaustubh VIKAS WADKOLE	SKH	Electrical	<u>Kaustubh</u>
9)	Nikhil Suresh Patil	SKH	Electrical	<u>Nikhil</u>
10)	Samruddhi K. Sonawar	SKH	Electrical	<u>Samruddhi</u>
11)	Gawali Khushabu G'	SKH	Electrical T.B	<u>Gawali</u>
12)	Sanika Rajesh Bhadane	SKH	E & TC	<u>Sanika</u>
13)	Apeksha Anil Vairal	SKH	E & TC	<u>Apeksha</u>
14)	Mule Anirish Dattu	SKH	-ll-	<u>Mule</u>
15)	Khairnar Om Sudhir	-ll-	-ll-	<u>Khairnar</u>
16)	Gaikwad Indra Sanyal	=ll-	=ll-	<u>Gaikwad</u>
17)	Dhanshree V. Mahajan	SKH	E & TC	<u>Dhanshree</u>
18)	Mahale Pratiksha Paraji	SKH	E & TC	<u>Mahale</u>

19.	Madhuj snehal kailas	SKH	E & TC	<del>Madhuj.</del>
20.	Rutuja chandrakant Pawar	SKH	E & TC	<del>Pawar</del>
21.	Ashwini Bapu Borse	SKH	EE (SE)	<del>MJB</del>
22	Mahendral Ramdas zale	SKH	TE	<del>Mze</del>
23	Amit J. Tarware	SKH	TE.	<del>Jus</del>
24	Tejas D. Suryawanshi	SKH	T.E	<del>Tejas</del>
25	Prern Bhavur	SKH	T.E	<del>Prern</del>
26)	Pawar Deepak	-/-	15-E	<del>DP</del>
27	wanknade vaibnav	-/-	S.E	<del>wanknade</del>
28	Jash. K. mali	-/-	T.E	<del>Jash</del>
29	Aditya Chaudhari	-/-	T.E	<del>Aditya</del>
30	Tejas Sathe	-/-	T.E	<del>Tejas</del>
31)	Nikam Anant Shivaji	SKH	B.E.	A.S. Nikam
32)	Parth shrikant Vidhate	SKH	B.E	<del>Parth</del>
33)	Pohit Balasaheb Alhat	SKH	T.E	<del>Pohit</del>
34.	Saurabh Deoram Palvi	SKH	S.E	<del>Saurabh</del>
35.)	Pranjal. Ramnath Gode	SKH	S.E	<del>Pranjal</del>
36)	Pratik W. Bhandarkar	SKH	B.E	<del>Pratik</del>
37)	Saurant Rushikesh Badaji	SKH	BE	<del>Saurant</del>
38)	BOKAD DIPALI S.	SKH	BE	<del>BOKAD</del>
39)	GORE PALLAVI S.	SKH	BE	<del>GORE</del>
40)	BIRARI SANKET.	SKH	BE	<del>BIRARI</del>
41)	CHALASE PRASHANT	SKH	BE	<del>CHALASE</del>
42)	stubbham S. Karaband.	SKH	TE	<del>stubbham</del>

## ELECTRICAL ENGINEERING DEPARTMENT

### NOTICE

**Date: 04-04-2022**

All Third & Final Year Students are hereby informed that department has organized Expert Talk on “**Career through PLC and SCADA**” in support with PROLIFIC Systems & Technologies Pvt.Ltd., Mumbai on 9 April 2022.

**Time :- 11.00am**

**Venue : Engineering Seminar Hall**



Prof. P.R.Gajare  
**Event Coordinator**



Prof. R. N. Baji  
**HoD**



Prof.(Dr.) S.B.Bagal  
**Principal**





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**ELECTRICAL ENGINEERING DEPARTMENT**

Date-09/04/2022

**Program Schedule**

**Seminar on "Career through PLC and SCADA"**

<b>Time</b>	<b>Event</b>
<b>10.30 am</b>	<i>Welcome of the Guest – Mr. Aniket Jagtap (Prolific Systems &amp; Technologies Pvt. Ltd. Mumbai.)</i>
<b>11.15 am</b>	<i>Introduction of the Guest</i>
<b>11.20 am</b>	<i>Expert talk on "<u>Career through PLC and SCADA</u>"</i>
<b>1.20 pm</b>	<i>Interactive session with students</i>
<b>1.25 pm</b>	<i>Vote of Thanks</i>
<b>01.35 pm</b>	<i>National Anthem</i>
<b>01.40 pm</b>	<i>Guest speaker will leave &amp; Program ends.</i>





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**ELECTRICAL ENGINEERING DEPARTMENT**

Date-09/04/2022

**Program Schedule**

**Seminar on "Career through PLC and SCADA"**

<b>Time</b>	<b>Event</b>
<b>10.30 am</b>	<i>Welcome of the Guest – Mr. Aniket Jagtap (Prolific Systems &amp; Technologies Pvt. Ltd. Mumbai.)</i>
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**PROGRAM REPORT**

**Title of the Program: Seminar on “Career through PLC and SCADA”**

**Date(s):** 09/04/2022

**Duration:** 2:00 hr

**Venue:** Class Room (Electrical Department)

**Details of Participants: Female =10**

**Male= 32**

**Total= 42**

**Name of Speaker with details: Mr. Aniket Jagtap**

*(Prolific Systems & Technologies Pvt. Ltd. Mumbai.)*

Prolific Systems & Pioneer in industrial automation training since 1997. Trained over 10,500 students / working professionals in CY14. In the past 4 years, executed over 500 in-plant training programs for well known companies including 50+ Fortune 1000 companies. 25 Branches across the country. Prolific certification is highly valued in companies across diverse industrial sectors in India and outside India Biggest Industrial Automation trainer in the World with more than 75 well equipped training labs with 180 experience trainers. Prolific has more than 400 employees to support you in various stages of your career. ISO 9001-2008 Certified company for quality management.

**Program Objectives:**

- To enhance the knowledge of students in Industrial Automation
- To understand role of SCADA in industrial automation
- To develop the knowledge in modules of PLC designing
- Ability to understand the importance of Industrial automation
- Ability to explain the configuration of SCADA.
- Ability to understand need of PLC in automation.

**Topics:**

- Introduction to Industrial Automation
- Industrial Automation using SCADA
- Industrial Automation using PLC





- Jobs in PLC -SCADA
- Benefits of PLC -SCADA
- Recent & Emerging application

### Summary of Program:

seminar was organized by Department of Electrical Engineering in association with IQAC on 9<sup>th</sup> April 2022 at 11:15 a.m. Prof. Savita Tidke introduced the speaker Mr. Aniket Jagtap, Marketing Head & Automation Engineer Prolific Systems & Technologies Pvt. Ltd. Mumbai has been working in Electrical Engineering field for the last Eleven years and have trained 10 batches in automation.

The guest speaker gave an extensive speech on opportunities for electrical engineering fresher's students in automation. The speech was centred on "Gap between Industry & Academics". Apart from curriculum, specialised training is must to secure challenging position in competitive arena. Industries look towards skilled engineers immediate joining on field work not an engineer with lack of technical skills which needs to be trained.

Sir explained for becoming an entrepreneur we have to be well experience & knowledge in specific technical field. Once the system requirements are understood, then it is easy to become an entrepreneur. Sir shared his experience in automation.

Jobs as per candidate's basic engineering branch (Electrical, Electronics & Tele-communication & Mechanical) Placement support to candidate throughout his / her career. Support to candidates if they face any technical problem in their daily work.

A PLC and SCADA system are both necessary for a control system to operate. As the core intelligence platform of an industrial system, SCADA relies on the data performance duties of PLCs to function. PLCs transmit data and forth to SCADA software. The SCADA software then determines what control and monitoring functions are needed in real-time. It then sends back that information via the PLC.

There are numerous PLC brands on the market. But not all are created equal. Some clients use them because of their legacy placement within dated systems; others offer more functionality and features.

It's vital is that a control system design takes into account the kind of performance that will be needed from a PLC to make the system work. And, of course, perhaps most important of all: The SCADA software must be compatible with the PLC that will be installed. Then you will ensure an efficient operation, saving clients time and money.

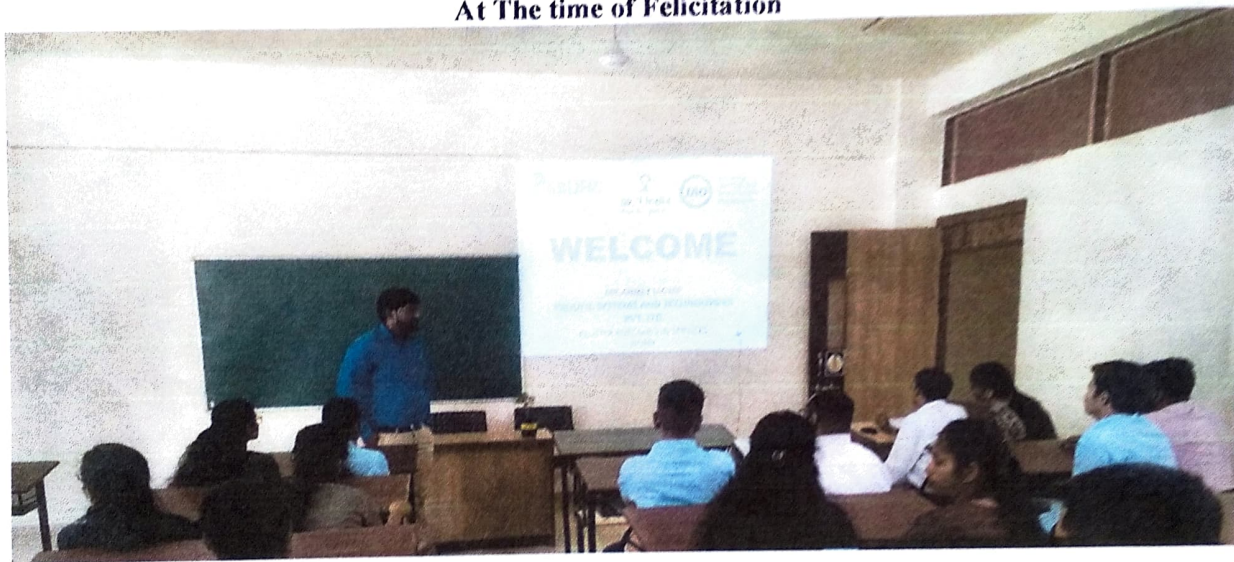
The session was concluded with a question answer session at 1:20 p.m. Faculty members also co-ordinated to conduct the guest lecture successfully. There were around 41 Second year, Third year & final year students as participants.



**Photographs:**



**At The time of Felicitation**



**Introduction**





Photograph at the time of live session



Photograph at the time of live session

Prof. P. R. Gajare  
Program Coordinator



Prof. R. N. Baji  
Head of Department

Prof. (Dr.) S. S. Harak  
IQAC Coordinator

Prof. (Dr.) S. B. Bagal  
Principal



**Electrical Engineering Department**

Date: 09.04.2022

**Expert Talk on "Career through PLC & SCADA"**

Sr. no.	Name of Students	Sign	Sr. no.	Name of Students	Sign
1	pratik S. shinde		21	Karansing. B. Rajput	
2	Prasad A. Kolte		22	Yogesh A. Chauhan	
3	Abhilect M. wondale		23	Gitesh. S. Patil	
4	Amit S. Pure		24	Aditya S. choudhary	
5	Gatesh S. patil		25	Tejas S. sathe	
6	Nikhil S. Karkad		26	Rameshwar. B. Shejul	
7	Mahesh S. Aher		27	Nilesh R. shejwal	
8	Tejas B. Gate		28	Mahendr R. zole	
9	Dipta B. Ahire		29	Amit J. Tarware	
10	Pranali B. Bhoye		30	amkar N. Jangem	
11	Tejal B. Gate		31	Nilesh R. shejwal	
12	shivani D. Halde		32	gitesh L. bhagat	
13	Akash S. Tile		33	Rajput Karansing	
14	Yogesh A. chauhan		34	Tushar D. vispute	
15	ganesh R. shivade		35	Rohit Alhat	
16	Tushar D. vispute		36	Girase Bhushankumar	
17	Shubham S. Sonap		37	Ritesh D. shewale	
18	kiran J. barhe		38	Kadu Bhumeet Kumar	
19	Pranesh S. Pukale		39	Ukhale ashish	
20	Shubham. S. karabing		40		

Program Coordinator

HOD

