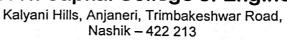


# Late G. N. Sapkal College of Engineering





## **Department of Electrical Engineering**

## **Expert Talk**

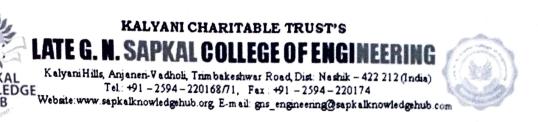
Sr.	Year	Type of Topic/Title/Subject		Duration	
No.		Event		From	To
1 1		Expert talk	Basics of PLC,HMI & SCADA	17-07-2018	17-07-2018
2	2018-19	Expert talk	PLC & SCADA Programing and its Application	04-10-2018	08-10-2018
3		Expert talk	Automation Process	24-08-2018	24-08-2018
4	HH WAY TO PERSONAL SECTION	Expert talk	AutoCAD	25-09-20218	25-09-20218
9		Expert Talk	Advanced Trends in Power Electronics in Using MATLAB	25-09-2019	25-09-2019
10	2019-20	Expert Talk	Guidance for UPSC and MPSC Exam	25-09-2019	25-09-2019
11		Expert Talk	How To Crack GATE Exam	24-1-2020	24-1-2020
13	2020-21	Expert talk	Nill	Nill	Nill
14		Expert talk	Self-Employment & Entrepreneurs Skill under IET	08-03-2022	08-03-2022
	2021-22	Expert talk	Risk Management	23-08-2022	23-08-2022
		Expert talk	Career Guidance On Competitive Exam	24-1-2022	24-1-2022
15		Expert talk	Latest Trends in Electrical Vehicle Transportation	20-01-2023	20-01-2023
	2022-23	Expert talk	Application Development & Deployment using MATLAB Programming	06-05-2023	12-05-2023
	11 1836	Expert talk	Latest Trends in Electrical Vehicle	11-09-2023	11-09-2023
		Expert talk	Career Opportunities in Industrial Automation	18-5-2023	18-5-2023

Department Criteria Co-coordinator

Anjaneri (2)

An

Prof. R.N.Baji Head of Electrical Department



A.Y.2018-19

Date-13-07-2018

# Program schedule for "PLC,HMI & SCADA"

Time	Event
1.30 pm	Welcome of the Guest - Mr. Ravindra Angal
1.35 pm	Felicitation of the Guest
1.36 pm	Seminar on PLC,HMI & SCADA
3:00 pm	Interactive session with students
3.30 pm	Vote of Thanks
3.35 pm	National Anthem
3:36 pm	End of Program





## Late G. N. Sapkal College of Engineering

Kalyani Hills, Anjaneri, Trimbakeshwar Road, Nashik – 422 213



## PROGRAM REPORT TEMPLATE

Title of the Program: Basics of PLC, HMI & SCADA

Number of Day(s): One

Date of Conduction: 17/07/2018

Venue: E&TC Seminar Hall

Number of Participants:

Male: 48

Female: 27

## **Program Objectives:**

- 1. To understand the generic architecture and constituent components of a Programmable Logic Controller.
- 2. To understand architecture of SCADA.
- 3. To understand PLC interfacing and basics of HMI.
- 4. To apply knowledge gained about PLCs and SCADA systems to real-life industrial applications

## Name & Contact Details of the Resource Person(s):

1. Mr. Ravindra Vinayak Angal

Mobile: 9823561228

## **Description / Explanation of the Program:**

This one-day seminar was organised by EESA (Electrical Engineering student association) on 17<sup>th</sup>

July 2018 at 1:30 pm. The workshop was started with felicitation of guest Mr. Ravindra Vinayak

Angal and Principal Dr. S.B.Bagal. Principal Dr. S.B.Bagal sir addressed students regarding need of
hands on skill as well as research. He delivered information how institute has undertaken various
programs which will help student boosting their skill. Mr. Ravindra Vinayak Angal shared their large
working experience with students and explained students how theory and practical knowledge is
helpful for engineers. He gave a brief review on what is PLC and importance of PLC in industries. He
explained PLC block diagram and its working. He also explained PLC programming & PLC interfacing.

He introduced HMI to students and spoke about its uses and advantages. Lastly he explained how
PLC and SCADA can be used for real life applications.





Wholester.

Prof N.J. Helonde **Program Coordinator**  HoD

Prof. Dr. Sahebrao B. Bagal

Principal

Prof.(Dr.) Sahebrao B. Bagal

Principal
Late G. N. Sapkal College of Engineering
Anjanent, Nachik-422 213.

- 1. Notification / Circular / Brochure / Leaflet / Program Schedule
- 2. Student / Staff Attendance in prescribed format
- 3. Feedback of the Students

**Accompanying Documents:** 

- 4. Feedback of the Resource Person(s)
- 5. Photographs (Soft Copy) / Videography (If required)
- 6. Invitation and Appreciation / Thanks giving Letter to Resource Person





## **ELECTRICAL ENGINEERING DEPARTMENT**

Date-18/05/2023

## **Program Schedule**

## Seminar on "Career Opportunities in Industrial Automation"

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







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www.sapkalknowledgehub.org E-mail: gns\_engineering@sapkalknowledgehub.com

## 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. Badgujar 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.

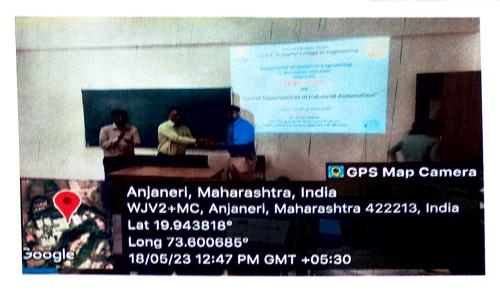
The session was concluded with a question answer session at 1:20 p.m. Faculty members also coordinated to conduct the guest lecture successfully. There were around 41 Second year, Third year & final year students as participants.

## 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



#### LATE G. N. SAPKAL COLLEGE OF ENGINEERING

Sapkal Knowledge Hub, Kalyani Hills, Anjaneri, Trimbakeshwar Road, Nashik - 422 213. (India) Tel.: + 91 - 2594 - 220168/69/70, Fax: + 91 - 2594 - 220174

E-mail: gns\_engineering@sapkalknowledgehub.org | www.sapkalknowledgehub.org



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

Govt. of Maharashtra (No. GEC-2009/(67/09)/T.E.- 4, Dated- 15" June 2009 D.T.E., M.S., Mumbai (No.2/NGC/Engg./Approval/2009/535, Dated - 23" July 2009)

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.

College of Fig.

Prof. (Dr.) S. B. Bagal

**Principal** 



## Kalyani Charitable Trust's Late G. N. Sapkal College of Engineering



Kalyani Hills, Anjaneri, Trimbakeshwar Road, Nashik - 422 213

## ATTENDANCE SHEET

Date: 18/05/2023 Time: Venue: Electrical Department (class nom)

		6	17 -	4 1
Sr.	Name of Student	College Name	Course Name	Signature
1.	Tejasaini A. Kuzhade	SKH		BANK
2.	Mikhil O. Shimpi	SKH	ECTO	Mon
3.	Bhayade Manohal Minunuth	SICH	EATC	<u> </u>
4,	AHER MAHESH SHIVAIT	3KH	Electrical	BRAKET ,
5)	Robit Jitendra Sohawan	SKH	Flectrial	Fortis
6)	Nilesh Rajesh Shejwal	SKH.	Electrical	Muid
7	Omkar shiveji wadwale	SKH	electrical	Soutor
8	Kaustubh Vikas Waykole	SKH	Electrical	1
9)	Nikhi   Sulesh Jakan	SICH	Electrical	rliphis
10).	Samouddhi K. Sonowan	SZH	Flectore	Some .
11>	Crawali Khushaby 19'	GKH	Electrocal T.D	7000
127	Sanika Rajesh Bhadane	SKH	ESTC	alia
13)	Apeksho. Anil vairal	SKH	E & TC	Mollea .
14)	Mule Aninesh Datty	8KH	_1_	Thule
15)	Khairnan om Sudhir	1	1-11-	OKhumar
16>	Gaikwad Indra Sanjay	-11-	=11-	- Aguinel
17>	Dhanshree V. Mahajan	SKH	ECTC	Mahagus
18)	Mohale Pratiksha Paraji	3417	ESte	Parhall



19.	Hadlay snehal kailus	SKH	E STC	sadlag.
20.	Rutuja chandrakantla		ESTC	pravos
21.	Ashwini Bapu Boose	SKH	EE (SE)	Auß
22	Makendry Rumber Tole	SKH	TE	the
23	Amit J. Tarware	Skh	TE.	Jus
	Tejas D. Suzya Wanshi	SKL	T.E.	Estable 1
		SKL	TE	Tookhon
26)	Pawar Deepak	1	15-1	OPP
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28	Josh Ic. mali	-14-	T'E	2 marsh
29	Aditya Chaudhani	-1-	TE	Romi
30	Téjas Southe		TIE	Telathe
31)	Nikam Arant Shiveiji	SKH	B.E.	A.S. Dikam
327		SKH	D. L-	Nighet
35	Pohit Balasaheb Albot	SKH	TE	But
34.	Saurabh Deoram Palví	SKH	S.E	\$
35.)		SKM	s.E	P
36)	Prasik W. Bhandon	SKH	BE	- Dewit
37)	Sawant Rushikesh Dadair	SKH	BE	Basul
38)	BOKAD DIPALT S.	SICH	BE	popul
39)	GORE PALLAVIS.	SKH	BE.	LINEX
40)	BIRARI SAMKET.	SKH	BE	WS M
41)	CHALASE PRASHAM	SKH	GE	Floris
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# Late G. N. Sapkal College of Engineering

Sapkal Knowledge Hub, Kalyani Hills, Anjaneri, Trimbakeshwar Road, Nashik - 422 212, Maharashtra State, India Tel: +91-2594-220168/71; Fax: +91-2594-220174

el: +91-2594-220168/71; Fax: +91-2594-2201 Website: www.sapkalknowledgehub.org; E-mail: gns\_engineering@sapkalknowled



## **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

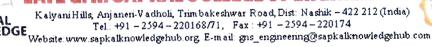
Principal





## KALYANI CHARITABLE TRUST'S

# LATE G. N. SAPKAL COLLEGE OF ENGINEERING





Date-09/04/2022

## **Program Schedule**

## Seminar on "Career through PLC and SCADA"

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





# KALYANI CHARITABLE TRUST'S LATE G. N. SAPKAL COLLEGE OF ENGINEERING Kalyani Hills, Anjaneri-Vadholi, Trim bakeshwar Road, Dist: Nashik - 422 212 (India) Tel: +91 - 2594 - 220168/71, Fax: +91 - 2594 - 220174 Website: www.sapkalknowledgehub.org E-mail: gns\_engineering@sapkalknowledgehub.com

## **ELECTRICAL ENGINEERING DEPARTMENT**

Date-09/04/2022

## **Program Schedule**

## Seminar on "Career through PLC and SCADA"

Time	Event
10.30 am	Welcome of the Guest – Mr. Aniket Jagtap
	(Prolific Systems & Technologies Pvt. Ltd. Mumbai.)
11.15 am	Introduction of the Guest
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1.20 pm	Interactive session with students
1.25 pm	Vote of Thanks
01.35 pm	National Anthem
01.40 pm	Guest speaker will leave & Program ends.







# 🚰 LATE G. N. SAPKAL COLLEGE OF ENGINEERING

Kalyam Hills, Anjaneri-Vadholi, Trimbakeshwar Road, Dist: Nashik - 422 212 (India)

E Tel: +91 - 2594 - 220168/71, Fax: +91 - 2594 - 220174

Website: www.sapkalknowledgehub.com

## PROGRAM REPORT

Title of the Program: Seminar on "Career through PLC and SCADA"

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 coordinated to conduct the guest lecture successfully. There were around 41 Second year, Third year & final year students as participants.



## Photographs:





Introduction





Photograph at the time of live session



Photograph at the time of live session

Prof. P. R. Gajare Program Coordinator

Prof.(Or.) S. S. Harak IQAC Coordinator Prof. R. N. Baji Head of Department

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

EMP: C 3.5.2

## KALYANI CHARITABLE TRUST'S

# LATE G. N. SAPKAL COLLEGE OF ENGINEERING

SAPKAL Kelyem-Hilk Amenen-Vedhoh Tranbakeshwar Road Dist Nashik - 422 212 (India)
Tel. +91 - 2594 - 220168/71, Fax: +91 - 2594 - 220174
HUB Website www.sapkalknowledgehub.org E-mail gas\_engineering@sapkalknowledgehub.com

# ELECTRICAL ENGINEERING DEPARTMENT

Date-15/10/2022

## Program Schedule

# Seminar on "Career in Industrial Automation for Engineer's"

Time	Event
12.00 pm	Welcome of the Guest - Mr. Anil Aher (VIATA, Nashik)
12.05 pm	Introduction of the Guest
12.10 pm	Expert talk on "Career In Industrial Automation for Engineer's"
01.30 pm	Interactive session with students
01.45 pm	Vote of Thanks
0155 pm	National Anthem
02.00 pm	Guest speaker will leave & Program ends.



- > Benefits of Industrial Automation
- Recent & Emerging application

## **Summary of Program:**

Guest Lecture was organized by Department of Electrical Engineering on 15th October, 2022 in the online mode on Google meet at 12:00 p.m. Prof. Pankaj R. Gajare introduced the speaker Mr. Anil Aher, Trainer - VIATA, Nasik has been working in Electrical Engineering field for the last Seven 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 (Mechanical, Electronics & Telecommunication) 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 2:00 p.m. Faculty members also co-ordinated to conduct the guest lecture successfully. There were around 45 Third year & final year students as participants.

## **Photographs:**



Late G. N. Sapkal College of Engineering, Nashik DGE Sapkal Knowledge hub, Kalyani Hills, Anjaneri, Trimbakeshwar Road, Nashik-422213, Mahai Website: www.sapkalknowledgehub.org

Department of Electrical Engineering in Collaboration with VIATA



"Career Opportunities in Industrial Automation for Engineer's"

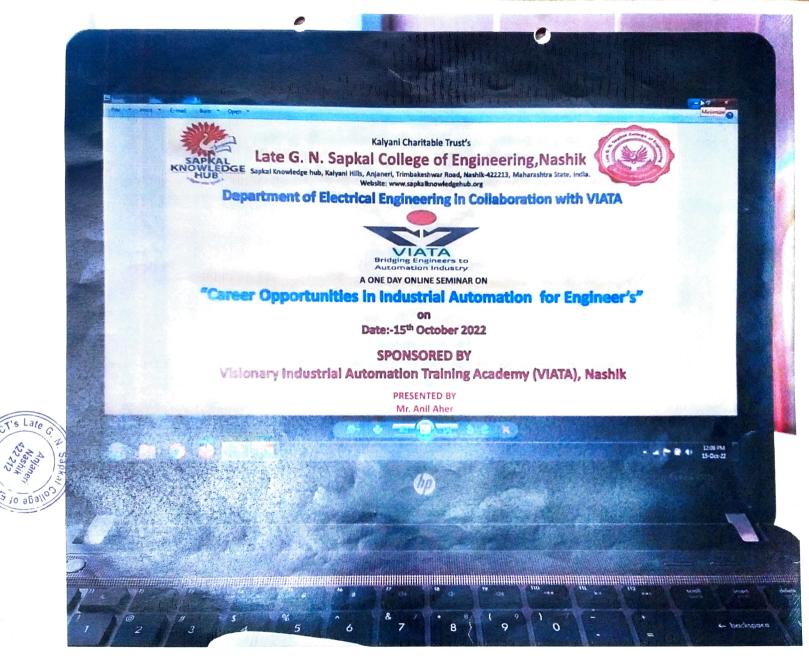
Date:-15th October 2022

SPONSORED BY Visionary industrial Automation Training Academy (VIATA), Nashik

> PRESENTED BY Mr. Anii Aher

**Banner of Program** 







# Late G. N. Sapkal College of Engineering, Nashik

Sapkal Knowledge hub, Kalyani Hills, Anjaneri, Trimbakeshwar Road, Nashik-422213, Maharashtra State, India.

Website: www.sapkalknowledgehub.org



# Department of Electrical Engineering in Collaboration with VIATA



A ONE DAY ONLINE SEMINAR ON

# "Career Opportunities in Industrial Automation for Engineer's"

Or

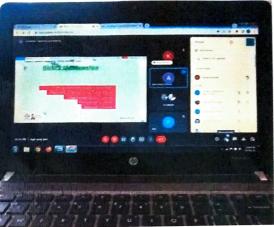
Date:-15th October 2022

**SPONSORED BY** 

isionary Industrial Automation Training Academy (VIATA), Nashik

PRESENTED BY Mr. Anil Aher







Online Photograph at the time of live session

Anjaneri Nashik 422 212

SA \* BAITS 3

Prof. P. R. Gajare Program Coordinator

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

Prof. R. N. Baji Head of Department