## LETTER OF AGREEMENT

#### between

#### Department of Electrical Engineering KCT's Late G N Sapkal College of Engineering Anjaneri, Trimbakeshwar Road, Nashik – 422401

and

#### TAACT Automation, B-61, NICE area ,MIDC, Satpur Colony Nashik -422007

# OBJECTIVES OF THE LINKAGE

The intent of this institute-industry linkage is to bring the industry and academia closer for following purposes:

- Integration of industrial visits for enhancing learning outcomes.
- Initiation of Industrial trainings for experiential learnings.
- To expose the students to the realistic expectations and experiences relevant to the kinds of challenges and responsibilities they will encounter in their prospective career.
- To develop a symbiotic relationship with one another for sharing available infrastructures and facilities.
- To forecast the technical manpower required for the industry and have deliberations regarding preparedness of skilled manpower in the institute as industrial workforce.
- To train and update knowledge of stakeholders from either side through exchange programs.
- To undertake joint Research and Development activities.

#### ACTIVITIES TO BE CONDUCTED

The **Department of ElectricalEngineering&The TAACT Automation**, hereby agree to cooperate through joint activities like Internship / Field Trip / On the Job Training / Research Projects / Student Exchange / Faculty Exchange for the benefit of students, faculty and industry.

#### **DURATION**

Both the parties will organize above activities from 06/07/2016 to 06/07/2019.

**Prof. Dr. V. J. Gond** Principal, Late G. N. Sapkal College of Engineering





Mis. Lanca Kayane Manager, The TAACT Automation



Date: 10-07-2018

To, Mr.Ravindra Angal, Senior Faculty, TAACT Nashik. Subject :- Invitation to conduct the Seminar.

Respected sir,

Received

Electrical engineering department, LGNSCOE, Nashik invite you to address a one day seminar on "**Basics of PLC,HMI & SCADA**". The workshop Will be organised on 17<sup>th</sup> July 2018 for T.E & B.E engineering students. We believe that your contribution to this field is immense and seminar on this topic will be of great benefit.

Awaiting a positive response. Kindly confirm your acceptance for the date.

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Head, 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





Kalyani Charitable Trust's 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

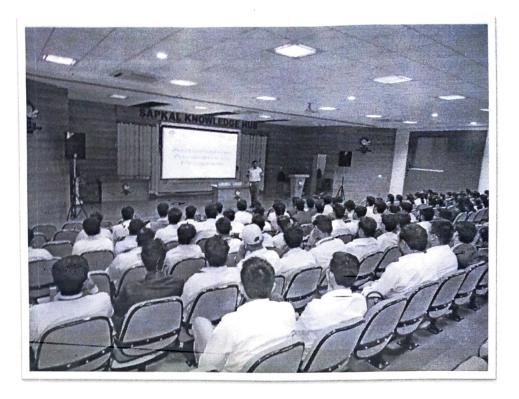
## Description / Explanation of the Program:

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.





No Helionte.

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 Anjanen, Nashik-422 213.

#### Accompanying Documents:

- 1. Notification / Circular / Brochure / Leaflet / Program Schedule
- 2. Student / Staff Attendance in prescribed format
- 3. Feedback of the Students
- 4. Feedback of the Resource Person(s)
- 5. Photographs (Soft Copy) / Videography (If required)
- 6. Invitation and Appreciation / Thanks giving Letter to Resource Person





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



## ATTENDANCE SHEET

Title of the Program: Basic OF PLC HMI & SCADA

Date: 17/7/2018 Time: 1:30 pm Venue: E&TC Seminar Hall

Sr.	Name of Student	Branch	Class & Div.	Signature
1.	Austi peakash chavan	EE	BE	zugreenn
2.	Patil kanishma kiran	EE	BE	Duchig
3.	Bhagyashri Sanjay Patil	EE	B.E.	Bill
4,	Bharambe Megha S.	Ee	B.E	Meeppa
5.	kalpana anil marathe	·EE	B·E	Anatathe
6.	Mayuni Madhusudan Pimpinkar	EG	P.E	Prayersi
7.	Sonali Gadhave	EE	8.E.	ALS.
8.	Patil Priyanka Yuvraj	TE	T.E	Bleet:
9.	Bagul Gaytri satish	EE	TE	allogu
10	Ankita. P. Adhav	EE	TE	phat
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## ATTENDANCE SHEET

Title of the Program: Basic OF PLC, HMJ & SCADA

Venue: E.f. tc. seminar hall Date: 1.1. July 2018. Time: 1.2.30.pm

Sr.	Name of Student	Branch	Class & Div.	Signature
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#### ATTENDANCE SHEET

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Venue: EXTS Schoon Hall

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# ATTENDANCE SHEET

Title of the Program: Basics OFPLC HMER SCADA Date: 19/7/18 Time: 1:30 PM Venue: E&TC Seminer Hall.

Sr.	Name of Student	Branch	Class & Div.	Signature
1	Borse Jugal Jagannath	EE	TE	Chase.
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4	Savrabh Nikam	ŦE	BE	- Miles
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SAPKAL KNOWLEDGE HUB

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## ATTENDANCE SHEET

Title of the Program: Basics OF PLC HMI & SCADA

Date: 17/7/2018 Time: 130 pm Venue: E&TC Seminer Hall

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Nashik - 422 213



#### ATTENDANCE SHEET

Title of the Program: Basics OF PLC HMI & SCADA

Date: (7/7/2018 Time: 1.30 Pm Venue: EATC Semmer Hall

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