

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 Electrical Engineering & 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



Ms. Lalita Rayane
Manager,
The TAACT Automation

REG NO: KCT's / LGNSCOE / Elect / 2018-19 / 147
ELECTRICAL ENGINEERING DEPARTMENT

Date: 10-07-2018

To,

Mr. Ravindra Angal,

Senior Faculty, TAACT

Nashik.

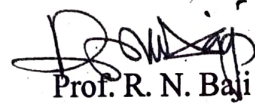
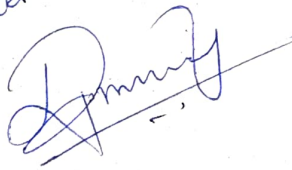
Subject :- Invitation to conduct the Seminar.

Respected sir,

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 17th 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.

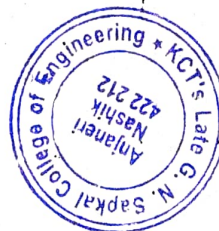
Awaiting a positive response. Kindly confirm your acceptance for the date.

Received



Prof. R. N. Baji

Head, Electrical Department





KALYANI CHARITABLE TRUST'S
LATE G. N. SAPKAL COLLEGE OF ENGINEERING

Kalyani Hills, Anjaneni-Vadholi, Trimbakeshwar 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

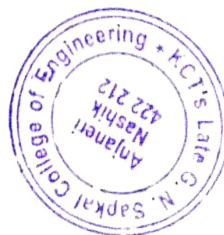


A.Y.2018-19

Date: 15-07-2018

Program schedule for "PLC,HMI & SCADA"

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



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 17th 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.





N.J. Helonde

Prof N.J. Helonde
Program Coordinator

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

Bagal

Prof. Dr. Sahebrao B. Bagal
Principal

Prof.(Dr.) Sahebrao B. Bagal
Principal

Accompanying Documents: **Late G. N. Sapkal College of Engineering**
Anjaneri, Nashik-422 213.

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



ATTENDANCE SHEET

Title of the Program: Basics 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.	Aashi prakash chavan	EE	BE	<u>[Signature]</u>
2.	Patil karishma kiran	EE	B.E.	<u>[Signature]</u>
3.	Bhagyashri Sanjay Patil	EE	B.E.	<u>[Signature]</u>
4.	Bharambe Megha S.	EE	B.E.	<u>[Signature]</u>
5.	Kalpana anil marathe	EE	B.E.	<u>[Signature]</u>
6.	Mayuri Madhusudan Pimpinkar	EE	B.E.	<u>[Signature]</u>
7.	Sonali Gadhave	EE	B.E.	<u>[Signature]</u>
8.	Patil Priyanka Yuvraj	EE	T.E.	<u>[Signature]</u>
9.	Bagul Gayatri satish	EE	T.E.	<u>[Signature]</u>
10.	Ankita. P. Adhav	EE	TE	<u>[Signature]</u>
11.	Pradnya. S. Birare	EE	BE	<u>[Signature]</u>
12.	Prerana. N. Dusane	EE	BE	<u>[Signature]</u>
13.	Sonali. C. Thakare	EE	BE	<u>[Signature]</u>
14.	Afreen A. Patel	EE	BE	<u>[Signature]</u>
15.	Aishwarya Ashwariya. Pagare	EE	BE	<u>[Signature]</u>

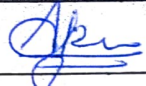
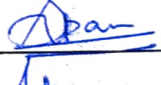
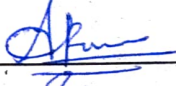
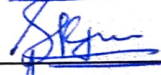
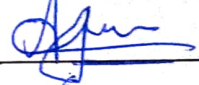
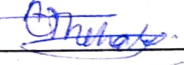

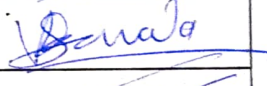
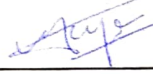
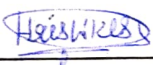
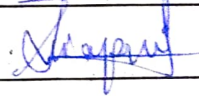


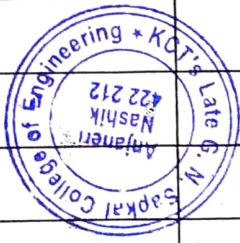
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Professor & Head
Dept. of Electrical Engineering
Late G. N. Sapkal College of Engineering
Anjaneri, Nashik-422 212.

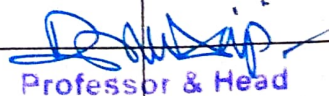
ATTENDANCE SHEET

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

Date: 17 July 2018 Time: 1:30 pm Venue: E & TC seminar hall

Sr.	Name of Student	Branch	Class & Div.	Signature
1]	Aniket Bakhate	EE	TE	
2]	Sambhaji Pathade	EE	TE	
3]	Abhishhek Firke	EE	TE	
4]	Shubham Rajoshi	EE	TE	
5]	Aniket Jadhav	EE	TE	
6]	Avinash Thakare	EE	TE	
7]	Ashutosh Bhadange	EE	TE	
8]	Savala Vaibhav	EE	TE	
9]	Tayde Akash	EE	TE	
10]	Hrishikesh Sonawane	EE	TE	
11]	Swapnil Thakare	EE	TE	




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ATTENDANCE SHEET

Title of the Program: Session 2: ETE HILL & CLADA

Date: 17/10/2015 Time: 1:30 PM Venue: CE TE Seminar Hall

S	Name of Student	Branch	Class & Div.	Signature
1	Sudha Jadhav	Elec	TE	[Signature]
2	Aditya K. Patil	Elec	TE	[Signature]
3	Pranav K. Patil	Elec	TE	[Signature]
4	Shubham B. Tongade	Elec	STE	[Signature]
5	Dhruv A. Pawar	Elec	TE	[Signature]
6	Adesh K. Pawar	IT	TE	[Signature]
7	Nehal T. Kulkarni	IT	TE	[Signature]
8	Rohit A. Jadhav	IT	TE	[Signature]
9	Kushabh K. Kulkarni	IT	TE	[Signature]
10	Shubham Kulkarni	IT	TE	[Signature]
	Fajar K. Kulkarni	IT	TE	[Signature]



Professor & Head
 Dept. of Electrical Engineering
 Late G. N. Sapkal College of Engineering
 Kalyani Hills, Anjaneri, Nashik - 422 213

ATTENDANCE SHEET

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

Date: 17/7/2018 Time: 1:30 PM Venue: EATC Seminar Hall

Sr.	Name of Student	Branch	Class & Div.	Signature
	Umesh Bannadkar	EE 3 rd year	3 rd year	<u>[Signature]</u>
	Vaibhav Shehane	Electrical	3 rd year	<u>[Signature]</u>
	Makresh Patil	EE	3 rd year	<u>[Signature]</u>
	Sidharth More	EE	3 rd year	<u>[Signature]</u>
	Kalhe Bhushan V	EE	BE	<u>[Signature]</u>
	Sachin Mahajan	EE	BE	<u>[Signature]</u>
	Mahajan Parash Dilip	EE	3 rd year	<u>[Signature]</u>
	Jekhonde Pohan B.	3 rd EE	3 rd year	<u>[Signature]</u>
	Santosh Kadam	EE	BE	<u>[Signature]</u>
	Tushar Gavale	EE	BE	<u>[Signature]</u>
	Chandatt Patel	EE	BE	<u>[Signature]</u>
	Shubham Kothavade	EE	BE	<u>[Signature]</u>
	Shubham P Patil	EE	BE	<u>[Signature]</u>
	Shubham Wagh	EE	BE	<u>[Signature]</u>
	Shubham S. Patil	EE	BE	<u>[Signature]</u>
	Manish Patil	EE	BE	<u>[Signature]</u>

