



## Hindusthan College of Engineering and Technology

(An Autonomous Institution, Affiliated to Anna University, Chennai)  
Accredited by NBA (AERO, AUTO, CIVIL, CSE, ECE, EEE, IT, MECH, MECHATRONICS)  
Approved by AICTE, New Delhi & Accredited by NAAC with 'A++' Grade)  
Valley Campus, Pollachi Highways, Coimbatore, Tamilnadu.  
Tel: +91 422 4242424 | www.hicet.ac.in



### Report for Workshop organized / participated

<b>Name of the Faculty :</b> Mr.T.Prabhu & Mr.K.Kesavaraj	
<b>Department :</b> Mechatronics Engineering	<b>Designation :</b> Assistant Professor
<b>Nature of the Event:</b> Industrial Automation (VAC)	
<b>Category:</b> College Level	
<b>Title :</b> "Industrial Automation (VAC)"	
<b>Venue :</b> Department of Mechatronics Engineering, Hindusthan college of Engineering & Technology	
<b>No. of Days :</b> 05 Days	<b>Dates :</b> 30.01.2024 to 03.02.2024
<b>Funded by:</b> Nil	
<b>No. of Participants :</b> 65	<b>Registration charges (if any) :</b> Nil
<b>Name and Designation of Resource Person(s) :</b>	
<p><b>Mr. Kesavaraj K</b> Assistant Professor Hindusthan College of Engineering and Technology</p> <p><b>Mr. Prabhu T</b> Assistant Professor Hindusthan College of Engineering and Technology</p> <p><b>Mr. Thilak G</b> Assistant Professor Hindusthan College of Engineering and Technology</p> <p><b>Mr D Naveen</b> Programmer Impress Apparel Machines Private Limited, Bangalore</p> <p><b>Mr U Krishnamoorthy</b> Program Head SSS Controls and Automation, Banglore</p> <p><b>Mr. Shane John Paul</b> AI Developer Redspectra Instruments Pvt Ltd</p>	

**Outcomes of the Event:****“Industrial Automation (VAC)”**

Students gained knowledge on Industrial Automation softwares (Siemens) that uses designs and ladder Flow diagrams. They also had a visit to Products lab where mini-projects of several automatic systems were manufactured. Students gained idea about Arduino and its importance in sensors. Students gained hands-on experience and practical knowledge applicable to real-world scenarios and experimentally utilised the knowledge of Automatic water rise detectors in water tanks of households. Students used ladder logic diagrams (LAD) of Automatic systems and connected to the PLC systems that enables us to use single or more inputs and outputs as well. The circuit connections of Arduino with the white board and resistors/ potentiometers and to the keys in a calculator using 7 segments. We also understood idea of LED usage in wearable devices.

The event promises to be a transformative experience, equipping professionals and aspiring individuals with essential skills to thrive in the realm of industrial automation. Through comprehensive training on covering PLC programming, control systems and robotics. Additionally, the event offers opportunities for industry-recognized certifications, providing a tangible validation of skills. Engage with industry experts during skill development sessions, participate in interactive panel discussions, and explore job opportunities at the networking and career expo. This VAC event is tailored for engineers to boost their careers in industrial automation in Siemens PLC and its software.

**Remarks and Feedback on the Event:** The speaker was explained everything clearly in detailed about the Siemens PLC and software S71200

**Signature of the Faculty****HOD****Principal**

Image of the Participation Certificate

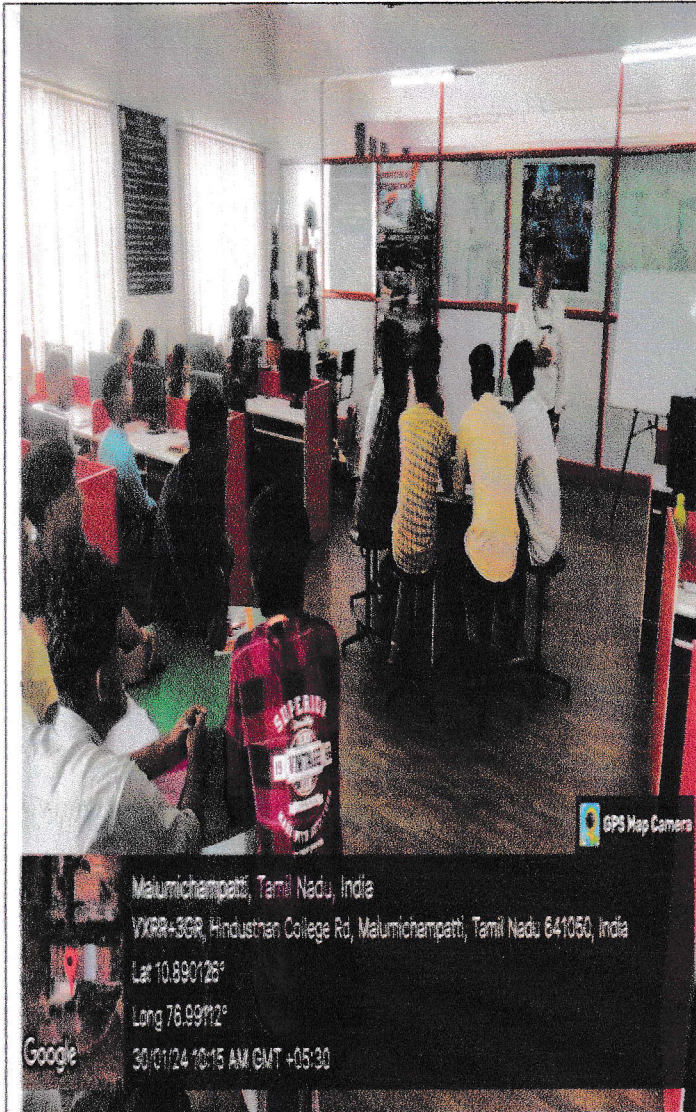


Image of the Event Brochure / Invitation



Geo-Tagged Photographs of Event





*\* Report to be submitted within 3 days of the completion of the Event*



20	720722114020	HARIHARAN S	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril
21	720722114021	HIJAZ AL FAZER A	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril
22	720722114022	JOTHIKRISHNAN N	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril
23	720722114023	KRISHNA PRABHAKARAN M	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril
24	720722114024	LOGESH K	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril
25	720722114025	MADHUMITHA S	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril
26	720722114026	MOHAMMED FAIZEL M	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril
27	720722114027	MOHAMMED HANEEN M	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril
28	720722114029	MOHAMMED SHALU VP	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril
29	720722114030	MUHAMMED SHAMEEM K	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril
30	720722114031	MUHAMMAD SIDNAN A K	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril
31	720722114032	MURUGANAYAGAM S	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril
32	720722114033	NANDHAKISHOR C	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril
33	720722114034	NARENDRIRAN M	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril
34	720722114035	NAVEENKUMAR D	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril
35	720722114036	PADMA PRIYA RS	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril
36	720722114037	PATCHAMUTHU M	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril
37	720722114038	PRITHIVRAJ C	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril
38	720722114039	RAGHAV R	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril
39	720722114040	RAGULRAJ M	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril
40	720722114041	RAHIL AHMED M	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril
41	720722114042	RINS T N	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril
42	720722114043	RUBAN DURAI E	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril
43	720722114044	SAKTHIGUHAN	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril
44	720722114045	SANJANA S	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril
45	720722114046	SARAN GEETHAN L	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril
46	720722114047	SATHISHKUMAR A	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril
47	720722114048	SHARUN M	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril
48	720722114049	SIVARAMAN S	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril
49	720722114050	SRIKANTH M	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril
50	720722114051	SRINITHIS	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril	S. Haril

51	720722114052	SRIRAM M	M. N. S	M. N. S	M. N. S	M. N. S	M. N. S
52	720722114053	SUBASHINI S	S. Suba	S. Suba	S. Suba	S. Suba	S. Suba
53	720722114054	SULOKSHANA S	P. Suba	P. Suba	P. Suba	P. Suba	P. Suba
54	720722114055	SURIYA S	S. Suriya	S. Suriya	S. Suriya	S. Suriya	S. Suriya
55	720722114056	VAISHALI B	B. Vaishali	B. Vaishali	B. Vaishali	B. Vaishali	B. Vaishali
56	720722114057	VISHWA B	B. Vishwa	B. Vishwa	B. Vishwa	B. Vishwa	B. Vishwa
57	720722114058	YUVARAJ B	B. Yuvaraj	B. Yuvaraj	B. Yuvaraj	B. Yuvaraj	B. Yuvaraj
58	720722114801	ABHISHEK E	A. Abhishek	A. Abhishek	A. Abhishek	A. Abhishek	A. Abhishek
59	720722114802	FASIL SHEREEF K P	F. Fasil	F. Fasil	F. Fasil	F. Fasil	F. Fasil
60	720722114803	GOWTHAMANK	G. Gowtham	G. Gowtham	G. Gowtham	G. Gowtham	G. Gowtham
61	720722114804	MAHESH SARAN S	M. Mahesh	M. Mahesh	M. Mahesh	M. Mahesh	M. Mahesh
62	720722114805	MUHAMMED SHAHNAD A	M. Muhammed	M. Muhammed	M. Muhammed	M. Muhammed	M. Muhammed
63	720722114806	PRASANTH K	P. Prasant	P. Prasant	P. Prasant	P. Prasant	P. Prasant
64	720722114807	SHAM SUNDER B	S. Sham	S. Sham	S. Sham	S. Sham	S. Sham
65	720722114808	SIVA SURYA R	S. Siva	S. Siva	S. Siva	S. Siva	S. Siva



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## STUDENT FEEDBACK FORM FOR VALUE ADDED COURSES

Department of Chemical Engineering

Academic year: 2023 - 2024

Date: 05.02.2024

Name and code number of the  
Value added course offered  
Semester

: 19VACH01 - INDUSTRIAL AUTOMATION  
: III

Period of Batch

: 2022-2026

Staff Co-ordinator

: Ms P Induja

### STUDENT FEEDBACK

Dear Student,

You are required to give your feedback on the following aspects. Please tick in the respective column.

S. No.	Criteria	Rating				
		Excellent	Very good	Good	Fair	Satisfactory
1	Course content		✓			
2	Skill development		✓			
3	Motivation	✓				
4	Regularity and punctuality of teacher	✓				
5	Coverage of syllabus	✓				
6	Interaction	✓				
7	Individual attention	✓				
8	Outcome	✓				
9	Other suggestions		✓			

A.Y.D. Ramesh  
Student Signature



P. Induja  
Staff Co-ordinator



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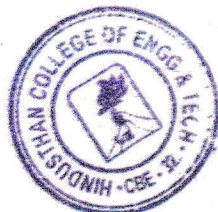
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*N. Jothi*  
Student Signature



*P. Induja*  
Staff Co-ordinator