

॥ विद्या परम् देवतम् ॥

Wainganga Bahu-Uddeshiya Vikas Sanstha's



WAINGANGA COLLEGE OF ENGINEERING & MANAGEMENT

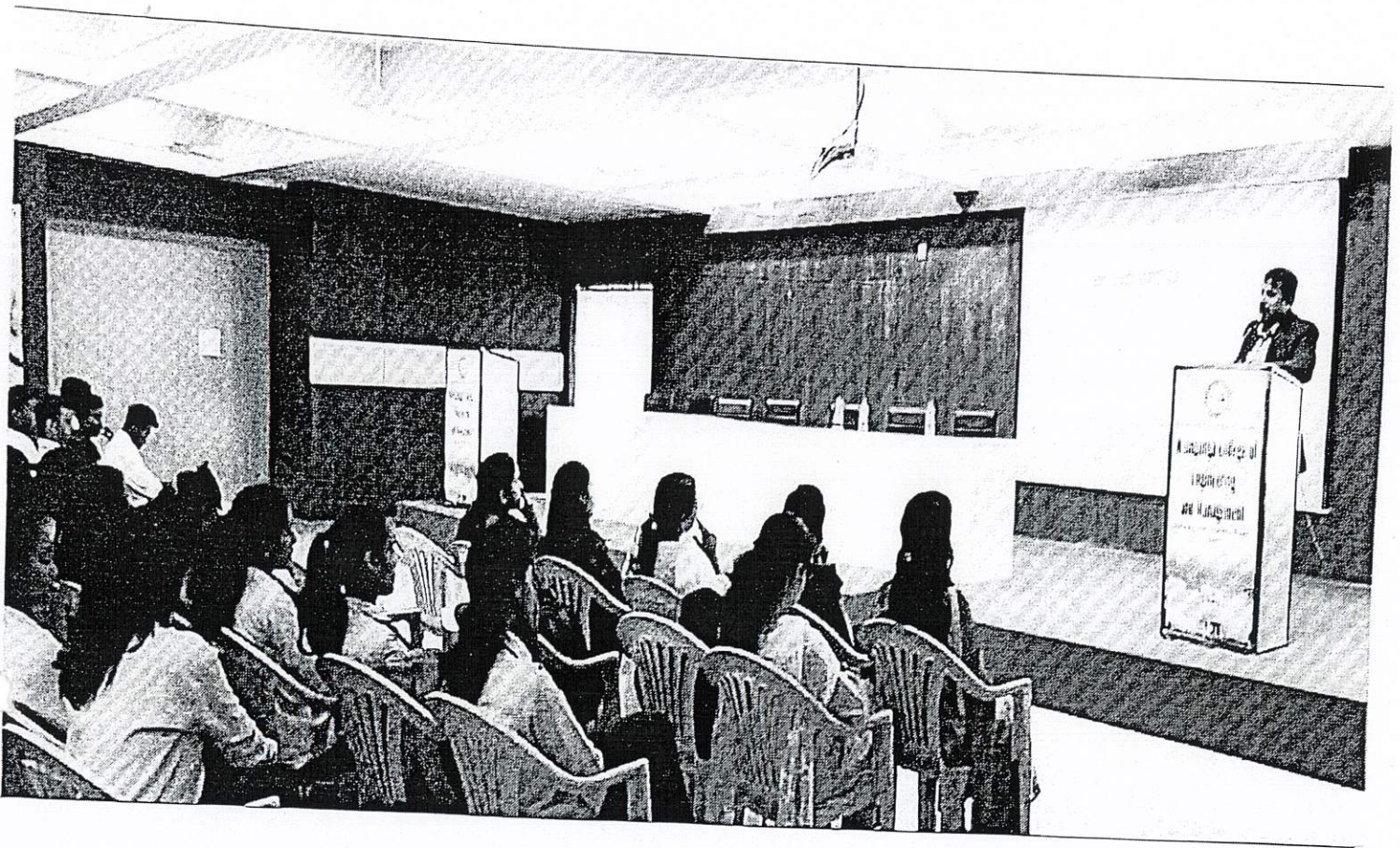
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Department of Electrical Engineering

REPORT ON

Title	Guest Lecture
Name of Activity	Guest Lecture on PLC-SCADA in Industrial Automation
Date	16-08-2024 (24-25)
Venue	Seminar hall
Organized by	Electrical Engineering Department, WCEM, Nagpur
Name of Expert	Mr. Nehal Lanjewar
Participated by	Students & Faculty Electrical Engineering Department, WCEM Nagpur
Activity In-charge	Prof. Sagar Rahangdale
Overview of the Session	The session began with an introduction to modern industrial automation and the need for intelligent control systems. The resource person explained the evolution of PLCs, their hardware component input-output modules, memory structure, and types of PLC commonly used in industries such as Siemens, Allen Bradley Mitsubishi, and Schneider.
Objective	The main objectives of organizing this guest lecture were: <ul style="list-style-type: none">To provide an understanding of the basics and importance PLC and SCADA in industrial automation.To explain the architecture, components, and working principles of automation systems.To familiarize students with ladder logic programming, PLC operation, and industrial control logic.
Outcome of Activity	After attending the session, students were able to: <ul style="list-style-type: none">Understand the working principles and applications of PLC and SCADA systems.Interpret and design basic ladder logic programs used in industrial control.





Program Coordinator

Department of Electrical Engineering
Engineering


HOD

Department of Electrical
~~H.O.D.~~
Electrical Engineering Department
WCEM, Wardha Road, Nagpur.

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Date: 13-08-2024

Circular

This is for the information of all the faculty members and students that the Department of Electrical Engineering is going to conduct a guest lecture on "PLC-SCADA in Industrial Automation Guidance" on 16 August 2024. This will be good knowledge sharing platform for students. All the staff and EE students are advised to attend the programme without fail.

HOD

Department of Electrical Engineering

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Electrical Engineering Department
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Date: 12-08-2024

Department of Electrical Engineering

Invitation Letter

To,

Nehal Lanjewar,
Hexagon Technology,
Ahmedabad, Gujarat.

Subject- Invitation for Guest Lecture on “PLC-SCADA in Industrial Automation Guidance” on 16 August 2024.

Respected Sir,

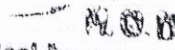
It is an immense pleasure that Wainganga College of Engineering & Management, Nagpur is organizing an Expert Lecture “PLC-SCADA in Industrial Automation Guidance” on 16 August 2024. As you are one of the known speakers, your deliberation will surely benefit the students.

We cordially invite you in our Expert Lecture as a speaker. We believe and hope you are comfortable with this schedule and we shall be greatly thankful. Your response will be highly appreciated in this regard.

Thanking you.


HOD

Department of Electrical Engineering


Electrical Engineering Department
WCEM, Wardha Road, Nagpur.

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Date: 16-08-2024

Department of Electrical Engineering

Letter of Appreciation

To,

Nehal Lanjewar,
Hexagon Technology,
Ahmedabad, Gujarat

Respected Sir,

Thank you very much for delivering an informative and thought provoking lecture as Resource Person on on "PLC-SCADA in Industrial Automation" on 16 August 2024. It was really a splendid presentation. All students appreciated and get benefited from your knowledge on the subject.

Looking forward for your co-operation and more such expert guidance.

Thanking you.


HOD

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Guest Lecture on "PLC-SCADA in Industrial Automation" on 16 August 2024

SR NO	NAME OF STUDENT	SIGNATURE
1	AKANSHA DEVIDAS GHAVGHAVE	<u>Akansha</u>
2	EKATA MAHADEO UIKE	<u>E. K. Uike.</u>
3	GAYATRI RAJU RAKSHAMWAR	<u>G. Rakshamwar.</u>
4	KAJAL ANIKRAM LANJE	<u>K. Lanje</u>
5	ROSHNI LEKHRAJ BISEN	<u>R. Bisen</u>
6	VAISHNAVI LAXMANRAO VAIDYA	<u>V. L. Vaidya</u>
7	ADITYA MAHENDRA PATOLE	<u>A. N. Patole</u>
8	ANKIT PANDURANG RAKHADE	<u>A. Rakhaade</u>
9	APEKSHA MUKESH JANGALE	<u>A. Jangale</u>
10	ASHUMAL VINOD NALE	<u>A. Nale</u>
11	DEEPANSHU DYANESHWAR BISEN	<u>D. Bisen.</u>
12	DEVASHISH BENESHWAR HARINKHEDE	<u>D. Harinkhede</u>
13	DNYANESHWARI SATISH BALPANDE	<u>D. Balapande.</u>

14	HARSHAL GAUTAM DAHAT	H. G. DAHAT
15	MANISH SURESH LANJEWAR	<u>M Lanjewar</u>
16	MANISH GOPALJI JAMBHULKAR	<u>Manish</u>
17	RATAN PARMESHWAR WAGATKAR	R. P. Waghatakar
18	SAURABH LAXMAN UKEY	<u>Saurabh</u>
19	SAURABH NANESHWAR MAJGAWALE	S. N. Majgawale
20	SUDHIR SANJAY GAHANE	<u>Sudhir</u>
21	AKASH SANJAY DESHMUKH	<u>A Deshmukh</u>
22	MITHILESH RAMKUMAR TIWARI	<u>Mithilesh</u>
23	PRASHANT DADILAL CHAUDHARI	<u>P Chaudhari</u>
24	ABHISHEK UTTAM DOLE	A. U. Dhole
25	ANKUSH SUNIL PATLE	<u>A Patle</u>
26	ASHWINI ABHIMANYU BHAVE	<u>Ashwini</u>
27	BRAMHANNAND ASHOK BHURE	<u>Bramhannand</u>
28	DHARAMSINGH NARAYANSINGH KUSHWAHA	<u>Dharamsingh</u>
29	DIPTI SHARAD CHANDEWAR	<u>Dipti</u>
30	ISHA SURESHJI SHIVANKAR	<u>Ishaji</u>
31	JYOTI DILIP GAIKWAD	<u>Jyoti</u>
32	LAXMAN DATTA KANODE	<u>Laxman</u>
33	MOHIT ASHOK MENDHE	<u>Mohit</u>
34	NAYAN VIJAY WAWRE	<u>Nayan</u>


 Electrical Engineering Department
 WCEM, Wardha Road, Nagpur.