GHraisoni COLLEGE Engineering and Management Nagpur
An Autonomous Institute, Affiliated to RTMNU, Nagpur
Accredited by NAAC with A+Grade

DEPARTMENT OF ELECTRICAL ENGINEERING

"Vidyut"

A monthly newsletter of Electrical Department for Institute Friends, Patrons, Mentors and Alumni….

VOLUME-XI ISSUE-V **NEWSLETTER** DATE: 03/03/2026

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H.O.D. EE

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VI Sem Electrical

Mr.Dev Motikar
IV Sem Electrical

Vision and Mission of the Department

Vision

To produce capable graduate engineers with an aptitude and quality for research and leadership.

Mission

- **To enhance career opportunities for the electrical Students through industrial exposure & promote interaction among industry, faculty and students.**
- **To inculcate sensitivity toward society and a responsibility towards environment.**
- **To achieve excellence in learning and research through continual improvement in both content and delivery of the academic programs.**
- **To provide opportunities and ensure regular Skill Up gradation of faculty, staff and students through training programs**

Expert Lecture on "Advance Industrial Automation" by, Electrixo Automation Privet Limited, Nagpur.

Department of Electrical Engineering, G. H. Raisoni College of Engineering And Management, Nagpur has organized Expert Lecture on "Advance Industrial Automation" by, Mr. Suhas Dhanfole & Mr. Rahul Khadse, Electrixo Automation Privet Limited, Nagpur on dated 02nd February 2026 form 12:20 pm to 02:10 pm.

The primary objective of the lecture was to bridge the gap between academia and industry by introducing students to current trends, practical applications, and future scopes in industrial automation technology. The session aimed to:

- Explain core concepts and technologies used in automation systems.
- Highlight real-world industrial automation applications.
- Inspire students to pursue careers and projects in automation and control.
- Enhance understanding of automation tools, systems, and their integration in modern industries.

The expert lecture covered several important aspects of industrial automation, including:

1. **Introduction to Industrial Automation**

The session began with foundational concepts, defining industrial automation, its evolution, and its relevance in today's manufacturing and electrical systems.

2. **Control Systems & PLCs**

Students were introduced to Programmable Logic Controllers (PLCs), ladder logic programming, and how PLCs serve as the backbone of automation in industrial processes.

3. **SCADA and HMI Overview**

The use of Supervisory Control and Data Acquisition (SCADA) systems and Human-Machine Interfaces (HMI) for monitoring, control dashboard design, and real-time data visualization were explained with examples.

1. **Sensors, Actuators & Communication Protocols**

Students learned about industrial sensors, actuators, and communication standards like Modbus and Ethernet/IP, essential for system integration and data exchange.

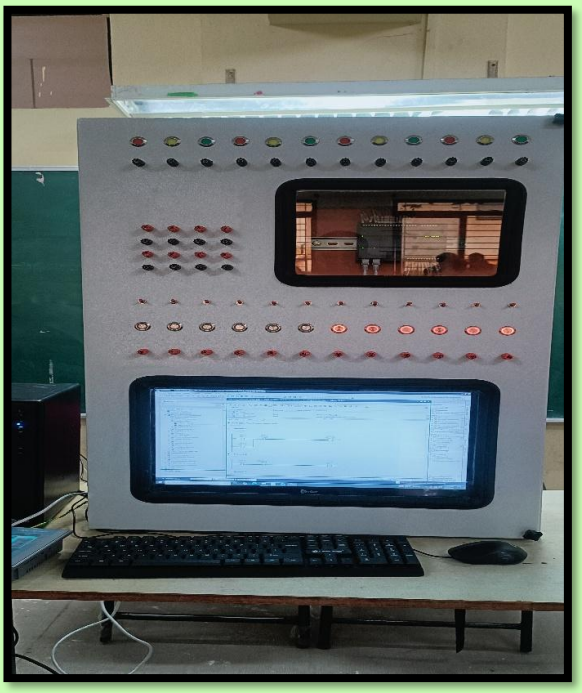
2. **Practical Case Studies**

Students actively participated in the Q&A segment, clarifying doubts on automation tools, software platforms, career paths, and project implementation strategies. Many expressed interest in gaining hands-on experience with PLC programming and industrial networking protocols. The lecture helped students learn more about the latest developments in industrial automation and what companies expect in real jobs. Students said it made it easier to understand how what they learn in class is used in real factories. The talk also gave them useful ideas about the kinds of skills they will need for future jobs in automation and smart manufacturing. Total number of 72 student attended the expert lecture on "Advance Industrial Automation" by Electrixo Automation Privet Limited, Nagpur

This activity is coordinated by Mr. Chetan H. Kidile, Assistant Professor, Electrical Engineering Department under the guidance of Dr. Bhupendra Kumar, Head of Electrical Engineering Department and Dr. Vivek Kapur, Campus Director, G. H. Raisoni College of Engineering And Management, Nagpur.

Glimpses of Expert Lecture on “Advance Industrial Automation” by, Electrixo Automation Privet Limited, Nagpur

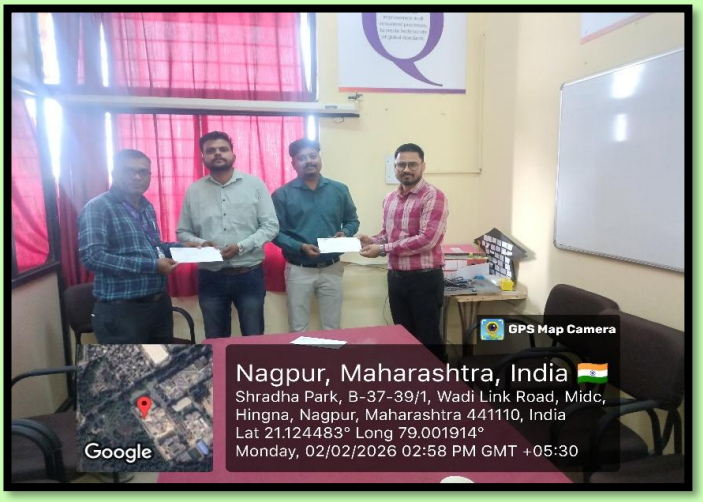












Industrial Visit to CSTPS Thermal Power Plant, Chandrapur

Department of Electrical Engineering, G. H. Raisoni College of Engineering and Management, Nagpur has organized industrial visit to **CSTPS Thermal Power Plant, Chandrapur** on 6th Feb. 2026. 61 Students from Second year (**4th Sem**). Mr. Pawan Kamdi and Mr. Yogesh Ikhe, Mrs. Vaishali Girhe & Dr. Kiran Raut are the faculty coordinators to this visit. Objective of this visit is, to aware the student about the Thermal Power Plant which generate the power of 2920MW from 7 units **(5 units of 500MW and 2 units of 210MW).** Also 2 units of 650MW are in process of construction. CSTPS is one of largest generating Thermal power plant in Maharashtra

This plant have the capacity to run 11 districts from Maharashtra and also give the power to HVDC transmission system. Authorities of CSTPS, Chandrapur has fully co-operated for the successful conduction of this Visit. We are thankful to various instructor and the authority of CSTPS, Chandrapur for his cooperation towards the successful execution of this visit. This activity is coordinated by Mr. Pawan Kamdi, Mr. Yogesh Ikhe, Dr. Kiran Raut and Mrs. Vaishali Girhe under the guidance of Dr. Bhupendra Kumar, Head of Electrical Engineering Dept. Dr. Achal Sahare Director, and GHRCEM. and Dr. Vivek Kapur, Campus Director.







Industrial Visit at KEC International Butibori, Nagpur

Department of Electrical Engineering, G. H. Raisoni College of Engineering and Management, Nagpur has organized industrial visit to **KEC International Butibori, Nagpur** on 21th Feb. 2026 for 46 Students from Third year (**6th Sem**). Mr. Pawan Kamdi and Mr. Chetan Kidile, & Dr. Priti Bawankule are the faculty coordinators to this visit.

Authorities of KEC International Butibori, Nagpur has fully co-operated for the successful conduction of this Visit. We are thankful to various instructor and the authority of KEC International for his cooperation towards the successful execution of this visit. This activity is coordinated by **Mr. Pawan Kamdi Mr. Chetan Kidile, & Dr. Priti Bawankule** under the guidance of **Dr. Bhupendra Kumar,** Head of Electrical Engineering Dept. **Dr. Achal Sahare** Director, GHRCEM and **Dr. Vivek Kapur**, Campus Director.

Glimpses of Visit



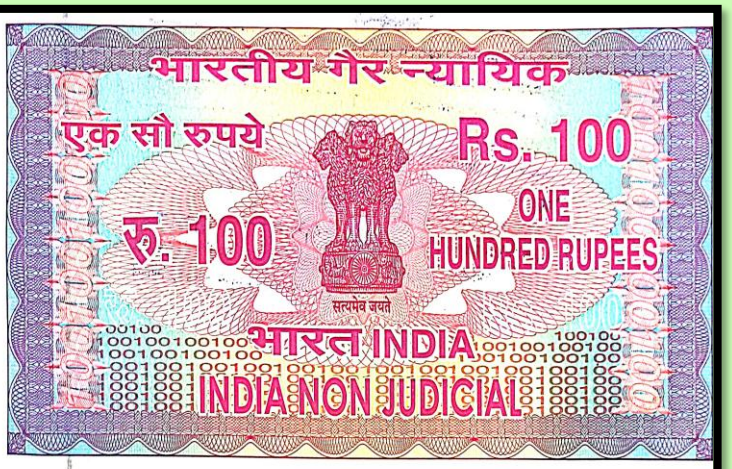
MEMORANDUM OF UNDERSTANDING (MOU)

BETWEEN

G H Raisoni College of Engineering & Management, Nagpur
Department of Electrical Engineering

&

Edverciity, 13, First Floor, MB Tower,
Jawahar Nagar, Nandanvan, Nagpur 440024



महाराष्ट्र MAHARASHTRA ◐ 2024 ◐ 35AB 752176

Sub Treasury Officer Hingna

0 9 JUL 2025

Sub Treasury Officer Hingna

MEMORANDUM OF UNDERSTANDING

This **Memorandum of Understanding** (hereinafter called as the 'MOU') is entered into on this the **2nd day of February Two Thousand Twenty-Six (02/02/2026).**

BETWEEN

G H Raisoni College of Engineering & Management, Department of Electrical Engineering , Shradha Park, B-37-39/1, MIDC, Hingna Wadi Link Road, Nagpur-440016 , the First Party represented herein by its **Competent Authority: Dr. Achal Shahare, Director, G H Raisoni College of Engineering And Management** (hereinafter referred as **'First Party'**, the institution which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns).

AND

Edverciity, 13, First Floor, MB Tower, Jawahar Nagar, Nandanvan Nagpur-440024, the Second Party, and represented herein by its Mr. Swapnil Udapurkar, Director, Edverciity, Nagpur (hereinafter referred to as **"Second Party"**, company which expression, unless excluded by or repugnant to the subject or context shall include its successors – in-office, administrators and assigns).

(First Party and Second Party are hereinafter jointly referred to as 'Parties' and individually as 'Party')

A) First Party is a Higher Educational Institution named:

G H Raisoni College of Engineering & Management, Nagpur

B) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.

C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education and Research.

D) Both Parties, being legal entities in themselves desire to sign this MOU for advancing their mutual interest.

E) **Edverciity** the Second Party is engaged in providing the training and product-based solution on CAD Softwares (including Electrical CAD), IT Technologies, and Embedded System Technology.

F) **Edverciity** the Second Party is promoted by **Mr Swapnil Udapurkar, Edverciity** as one of its founder directors.

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS:

CLAUSE 1 CO-OPERATION

1. Both Parties are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the Institution and its related wings. The Parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another.
2. First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities of the faculty of First Party providing significant inputs to them in developing suitable teaching / training systems, keeping in mind the needs of the industry, the Second Party.
3. The general terms of co-operation shall be governed by this MOU. The Parties shall cooperate with each other and shall, as promptly as is reasonably practical, enter into all relevant agreements, deeds and documents (the 'Definitive Documents') as may be required to give effect to the actions contemplated in terms of this MOU. The term of Definitive Documents shall be mutually decided between the Parties. Along with the Definitive Documents, this MOU shall represent the entire understanding as to the subject matter hereof and shall supersede any prior understanding between the Parties on the subject matter hereof.

CLAUSE 2 SCOPE OF THE MoU

1. The budding graduates from the institutions could play a key role in technological up-gradation, innovation and competitiveness of an industry. Both parties believe that close co-operation between the two would be of major benefit to the student community to enhance their skills and knowledge.
2. **Curriculum Design:** Second Party will give valuable inputs to the First Party in teaching / training methodology and suitably customize the curriculum so that the students fit into the industrial scenario meaningfully.
3. **Industrial Training & Visits:** Industry and Institution interaction will give an insight into the latest developments / requirements of the industries; the Second Party to involve selected students and / or faculty of the First Party in Industrial Training Programs and Workshops. The industrial training and exposure provided to students and faculty through this association will build confidence and prepare the students to have a smooth transition from academic to working career. The Second Party will provide its Labs / Workshops / Industrial Sites for the hands-on training of the learners enrolled for training with the First Party's preferred training partner and those who subsequently wish to join the First Party as interns or employees.
4. **Internships and Placement of Students:** Second Party will actively engage to help the delivery of the Internship and placement of selected students of the First Party into internships/jobs.
5. **Project Development:** Both Parties have agreed to carry out the joint project development activities in various open-source technologies selected by the Second Party. The detailed commercial and technical plan shall be worked out mutually between both Parties.
6. **Skill Development Programs:** Second Party to guide the students of First Party on the emerging technologies in order to bridge the skill gap and make them industry ready. The onus of training and preparing the candidates for internship / job opportunities available with the Second Party is solely upon the First Party.
7. **Guest Lectures:** Second Party to extend the necessary support to deliver guest lectures to the students of the First Party on the technology trends and in house requirements as per mutually agreed schedules.
8. **Faculty Development Programs:** Second Party to guide the Faculties of First Party for imparting industrial exposure/ training as per the industrial requirement considering the National Occupational Standards in concerned sector, if available.
9. Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required for offering the Programs on the terms specified herein

10. There is no financial commitment on the part of **G H Raisoni College of Engineering & Management, Nagpur the First Party** to take up any program mentioned in the MoU. If there is any financial consideration, it will be dealt separately.

CLAUSE 3 INTELLECTUAL PROPERTY

3.1 Nothing contained in this MOU shall, by express grant, implication, Estoppel or otherwise, create in either Party any right, title, interest, or license in or to the intellectual property (including but not limited to know how, inventions, patents, copy rights and designs) of the other Party.

CLAUSE 4 VALIDITY

1. This Agreement will be valid for three years from the date mentioned hereinabove, or until it is expressly terminated by either Party on mutually agreed terms, whichever is earlier. Both Parties will take effective steps for implementation of this MOU. Any act on the part of either Party after termination of this Agreement by way of communication, correspondence etc., shall not be construed as an extension of this MOU.
2. Either Party may terminate this MOU upon 30 calendar days' notice in writing to the other Party. In the event of Termination, both parties would cease to discharge their duties under this MoU. However, the Non-Disclosure Clause in this MoU shall continue to operate for the defined duration even after the termination / cessation of this MoU.

CLAUSE 5 RELATIONSHIP BETWEEN THE PARTIES

5.1 It is expressly agreed that **First Party** and **Second Party** are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership. Neither Party is authorized to use the other Party's name in any way, to make any representations or create any obligation or liability, expressed or implied, on behalf of the other Party, without the prior written consent of the other Party. Neither Party shall have, nor represent itself as having, any authority under the terms of this MOU to make agreements of any kind in the name of or binding upon the other Party, to pledge the other Party's credit, or to extend credit on behalf of the other Party.
Any divergence or difference derived from the interpretation or application of the MoU shall be resolved by discussion. If the differences are unresolved after a reasonable period, the Parties shall proceed for arbitration between the parties as per the Arbitration Act, 1996. The place of the arbitration shall be at District Head Quarters of the First Party. This undertaking is to be construed in accordance with Indian Law with exclusive jurisdiction in the Courts of **Nagpur.**

CLAUSE 6 NON-DISCLOSURE

6.1 It is expressly agreed by both Parties that they shall enter into a separate Non-Disclosure Agreement (NDA) primarily to ensure that any sensitive information related to projects, client data, etc. that is made available to the First Party as a result of the interactions and activities with the Second Party are not utilized in an undesirable manner.

AGREED:

For G H Raisoni College of Engineering & Management, Nagpur	For Edvercity
Authorized Signatory Director	Authorized Signatory (Swapnil M. Udapurkar)
G H Raisoni College of Engineering & Management, Nagpur	**Edvercity**
Address: Shradha Park, B-37-39/1, MIDC, Hingna Wadi Link Road, Nagpur-440016	**Address:** 13, First Floor, MB Tower, Jawahar Nagar, Nandanvan, Nagpur - 440024
Contact Details: 91-07104-236102	**Contact Details:** 91-7507111167
E-mails: principal.ghriet@raisoni.net	**E-mails:** info@edvercity.com
Web: https:// ghrcemn@raisoni.net /	**Web:** www.edvercity.com

Witness 1: Dr. Bhupendra Kumar, Head, Electrical Engineering, G H Raisoni College of Engineering & Management, Nagpur-16

Witness 2: (Dr. Radharaman Shaha)

Witness 1: Akshay Kalwadkar

Witness 2: Gaurav Bansod




MOU SIGNING




GOAL
Clear goals reduce wasted effort and unnecessary pressure.