



KCES's College of Engineering and Management, Jalgaon
Department of Electronics and Computer Engg.
Activity Report

Name of The Activity : Industrial visit 1 (2025-26)		
Category of activity	Curricular- Academic	Sub-category- Educational trip
In collaboration (if yes, specify details)	Apalto Electronics pvt.ltd.,IT Park ,Indore	
Date/ Time and Duration	8/11/2025 2.00PM-6.00 PM	No of Participants: 36
Participants profile:	Student of E&C Departmen(BE E&C)	Others participants: Dept. head of company
Location of activity	IT Park ,Indore	
Name of Co-ordinator (S)	Prof. S.D.Patil Prof. Sachin Bhangale Prof.Geeta Patil Prof.Rohan Pardeshi	
Guest/ Experts with designation (If any)	Mr. Param Badwani (Control Head)	
Objectives for conducting activity	learning about company policies in terms of production, quality, and service management and acquainting themselves with the working of instruments during the course curriculum.	
Methodology	Performing short visit to the Embedded park	
Out-Comes	1. Learning about the embedded system 2. Interacting with industry professionals 3. Gaining practical experience	

Coordinators

Prof.Sneha D.Patil
Prof.Sachin Y. Bhangale

S.D. Patil
S.Bhangale

HOD

Mrs.V.G.Sarode

Electronics & Computer Engineering
KCES'S College of Engineering &
Management,Jalgaon

Principal

Dr.Sanjay Sugandhi
PRINCIPAL
K.O.F. SOCIETY'S
COLLEGE OF ENGG. &
MANAGEMENT JALGAON





KCES's College of Engineering and Management, Jalgaon
Department of Electronics and Computer Engg.

Date - 23/10/2025

NOTICE

Industrial Visit – 7th & 8th November 2025

Location: Indore

All students of the B.E. Electronics and Computer Department (E&C) are hereby informed that a two-day Industrial Visit has been scheduled to Indore on 7th and 8th November 2025 (Friday & Saturday).

This visit is part of the academic curriculum to provide students with real-world exposure to industrial operations and practical applications of their coursework.

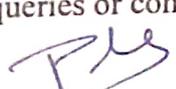
Details:

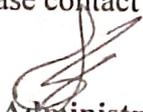
- **Dates:** 7th & 8th November 2025
- **Location:** Indore
- **Organized by:** Department of Electronics and Computer (E&C)
- **Objective:** To gain insight into industrial practices and technologies
- **Eligibility:** Final Year E&C students
- **Reporting Time & Place:** Will be notified shortly

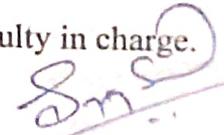
Instructions for Students:

1. Students must submit the **Parent/Guardian Undertaking Form** before **1 November**.
2. Attendance is **compulsory** for those registered for the visit.
3. Students must **report on time** at the specified reporting venue. Latecomers will not be allowed to join.
4. **College ID card** is mandatory.
5. Students should wear **proper dress code** — formal/college uniform with shoes (as instructed by the department).
6. **Food arrangements:**
 - Breakfast/Lunch will be **self-arranged**.
 - Students are advised to carry their own **water bottles and light snacks**.
7. Maintain **discipline and decorum** during travel and at the industry premises.
8. Strictly follow the **instructions of faculty coordinators and company officials** at all times.
9. Use of **mobile phones, cameras, or social media posts** inside the industry premises is **strictly prohibited**, unless permitted.
10. Any act of **indiscipline or misconduct** will be viewed seriously and may attract disciplinary action.

For queries or consent form submission, please contact your class coordinator or faculty in charge.


Dean Academics
Mr.R.R.Patel


Dean Administration
Mr.Ganesh Patil


Principal
Dr.S.R.Sugandhi


Visit Co-Ordinator
Mr.S.Y.Bhangale
Mrs.Sneha Patil


Mrs. V.G.Sarode

Electronics & Computer Engineering
KCES'S College of Engineering & Management, Jalgaon



KCES's College of Engineering and Management, Jalgaon
Department of Electronics and Computer Engg.
Activity Report

1. Introduction

The Department of Electronics & Computer Engineering (BE E&C), KCES's College of Engineering and Management, Jalgaon organized an industrial visit to **Apalto Electronics Pvt. Ltd.**, located in the IT Park, Indore.

The objective of the visit was to provide students with real-time exposure to modern electronic manufacturing practices, embedded system development, quality assurance techniques, and industry workflow processes.

The visit was aimed at strengthening the students' theoretical understanding through practical learning and observation of industrial operations.

2. Objectives of the Visit

1. To familiarize students with the functioning of an electronics manufacturing and design company.
2. To observe the step-by-step process of PCB manufacturing, testing, and assembly.
3. To understand real-time applications of embedded systems, IoT devices, and automation products.
4. To interact with industry experts and learn about current technologies, job roles, and required skill sets.
5. To bridge the gap between academic concepts and industrial implementation.

3. Company Profile: Apalto Electronics Pvt. Ltd.

Apalto Electronics Pvt. Ltd. is a technology-driven company engaged in:

- **Embedded system design**
- **Electronic product manufacturing**
- **IoT device development**
- **Automation and control systems**

The company focuses on delivering innovative and cost-effective electronic solutions for industrial, commercial, and consumer markets. It is known for its quality manufacturing environment and systematic production line.

4. Schedule of the Visit

Time	Activity
03:00 AM	Arrival & Registration at Apalto Electronics
03:15 AM	Welcome Session & Company Introduction
03:45 AM	Plant Tour: PCB Assembly & Manufacturing Units
4:00 PM	Demonstration of Embedded and IoT Projects
4:10 PM	Interaction with R&D Engineers
4:45 PM	Q&A Session
5:25 PM	Group Photo & Concluding Remarks
6:30 PM	Departure





KCES's College of Engineering and Management, Jalgaon
Department of Electronics and Computer Engg.
Activity Report

5. Key Learning Outcomes

5.1 PCB Manufacturing Process

Students observed the complete workflow of printed circuit board manufacturing, including:

- Solder paste application
- Pick-and-place machine operation
- Reflow soldering
- Through-hole component assembly
- Quality inspection and testing

5.2 Embedded System Development

The engineering team explained:

- Microcontroller programming
- Circuit design tools (Altium/Eagle)
- Prototype development
- Firmware testing techniques

Live demonstrations of embedded boards used in automation modules were shown.

5.3 IoT and Automation Solutions

Students were introduced to:

- Sensor integration
- Wireless data transfer modules
- Cloud-based monitoring dashboards
- Industrial automation controllers

Case studies of real production-level IoT devices were shared.

5.4 Quality Assurance & Testing

The quality department provided insights into:

- Electrical testing
- Functional testing
- Environmental reliability testing
- Calibration procedures

Students learned the importance of standards and certification in electronics.





KCES's College of Engineering and Management, Jalgaon
Department of Electronics and Computer Engg.
Activity Report

6. Interaction with Industry Experts

The R&D and production engineers conducted an interactive session covering:

- Career prospects in electronics and embedded systems
- Current industry demands and required skill sets
- Importance of hands-on experience and mini-projects
- Scope of automation, AI-based electronics, and IoT

Students actively participated by asking technical questions regarding project development, industry tools, and software used.

7. Student Feedback

Most students expressed that the visit:

- Enhanced their understanding of practical electronics
- Helped them relate classroom concepts to industrial applications
- Motivated them to pursue internships and projects in embedded and IoT domains
- Improved their awareness of professional expectations and work culture

8. Faculty Observations

Faculty members accompanying the visit noted that:

- The industrial environment was highly organized and student-friendly.
- The company's R&D approach provided strong insights into product innovation.
- Students showed keen interest and interacted effectively with the engineers.
- The visit successfully met academic and skill-development objectives.

9. Conclusion

The industrial visit to **Apalto Electronics Pvt. Ltd., IT Park, Indore**, proved to be highly informative and valuable for the BE E&TC students of KCES's College of Engineering and Management, Jalgaon.

It provided a comprehensive understanding of electronics manufacturing, embedded system design, IoT solutions, and industry-standard production workflows.

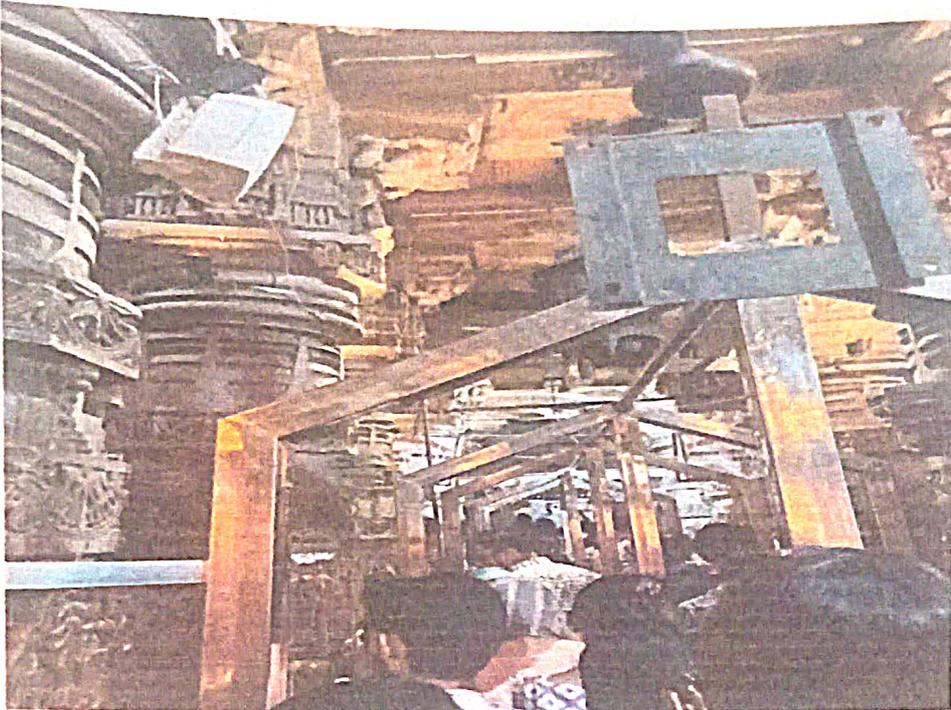
The department expresses gratitude to Apalto Electronics for their support and hospitality in organizing this educational visit.





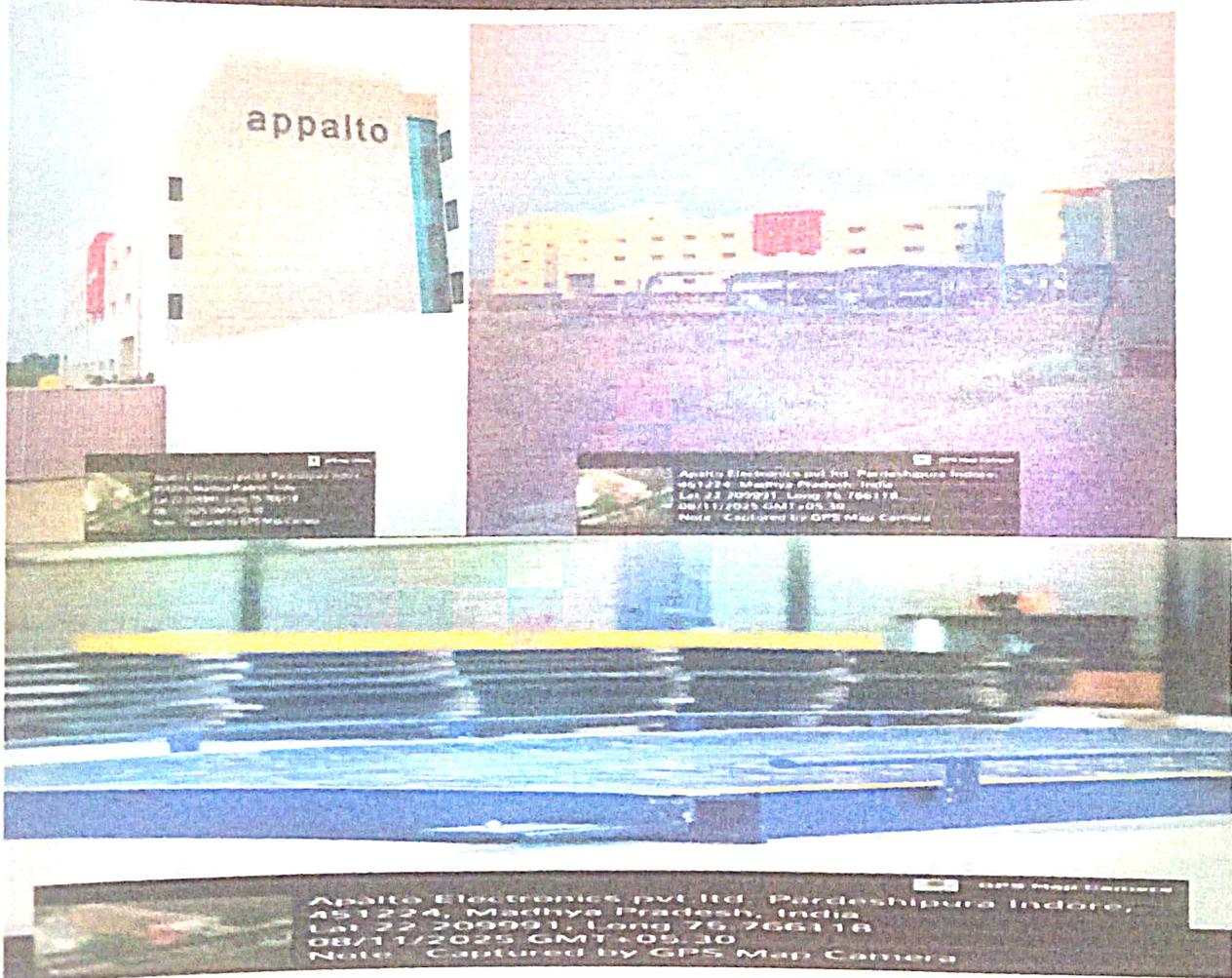
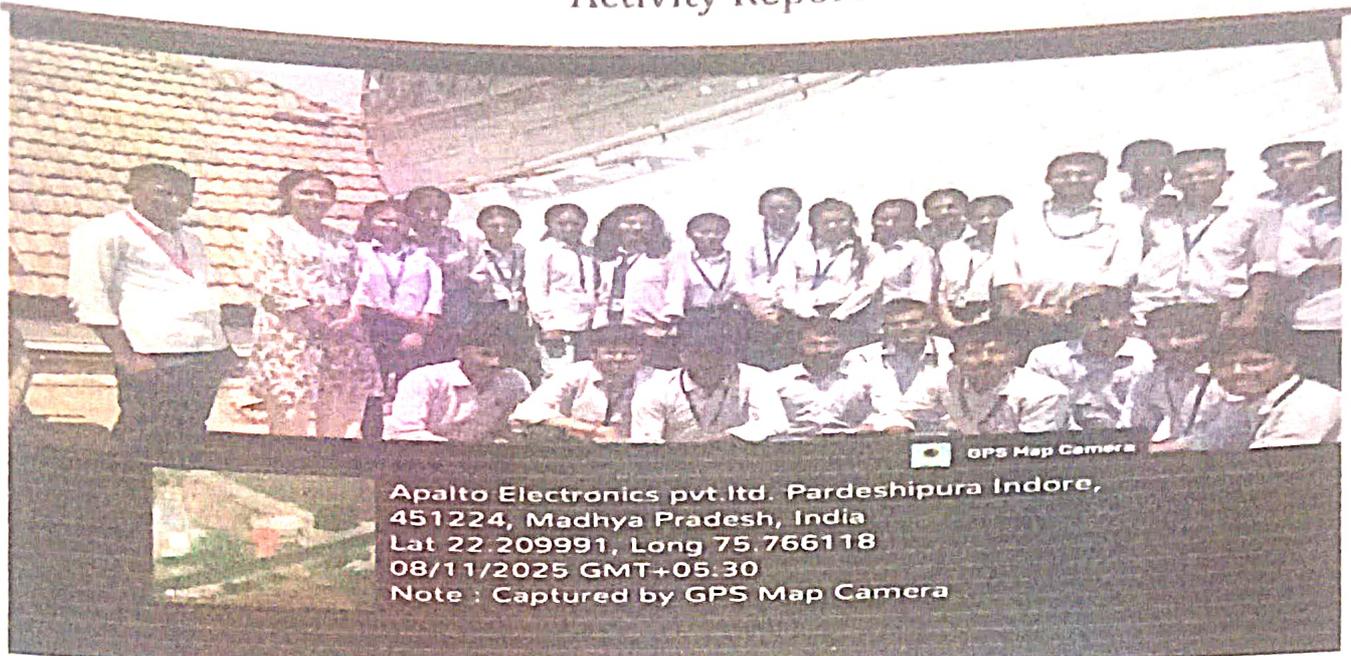
KCES's College of Engineering and Management, Jalgaon
Department of Electronics and Computer Engg.
Activity Report

➤ **Glimpse of Visit:**





KCES's College of Engineering and Management, Jalgaon
Department of Electronics and Computer Engg.
Activity Report





➤ **News Coverings:**

**के सी ई इंजिनियरींग अँड मॅनेजमेंट एवायन महाविद्यालय
इलेक्ट्रॉनिक्स आणि कॉम्प्युटर विभागाची औद्योगिक भेट**

जळगाव । खान्देश कॉलेज एज्युकेशन सोसायटीचे कॉलेज ऑफ इंजिनियरींग अँड मॅनेजमेंट महाविद्यालयाने इलेक्ट्रॉनिक्स आणि कॉम्प्युटर विभागातील अंतिम वर्षाच्या विद्यार्थ्यांसाठी औद्योगिक अभ्यासदौरा काढण्यात आला. ही भेट इंदूर (मध्य प्रदेश) येथील अॅप्लो इलेक्ट्रॉनिक्स प्रायव्हेट लिमिटेड येथे देण्यात आली. 'एम्बेडेड संकल्पना' एआयसोबत किंवा कोणत्याही प्रकल्पित प्रोजेक्टसोबत कसा जोडल्या जातात, याचे मार्गदर्शन विद्यार्थ्यांना मिळाले. या प्रसंगी एम्बेडेड प्रोजेक्ट संकल्पनेचे प्रमुख आयुष कोठारी यांनी मुलांना प्रत्येक संकल्पना प्रत्यक्षिकरीत्या करून दाखवल्या. भेटाला ५० विद्यार्थी व ४ शिक्षकांनी सहभाग घेतला. भेटीसाठी प्राचार्य डॉ. संजय सुगंधी यांचे मार्गदर्शन लाभले. इतरेव्हा सरोदे, राहुल पटेल, आणक्यूपुसीचे समन्वयक कल्पेश महाजन यांनी प्रोत्साहन दिले. सचिन भगळे, स्नेहा पाटील, गीता पाटील, रोहन परदेशी यांनी अभ्यासदौऱ्याचे नियोजन केले.



जळगाव । खान्देश कॉलेज एज्युकेशन सोसायटीचे कॉलेज ऑफ इंजिनियरींग अँड मॅनेजमेंट महाविद्यालयाने इलेक्ट्रॉनिक्स आणि कॉम्प्युटर विभागातील अंतिम वर्षाच्या विद्यार्थ्यांसाठी औद्योगिक अभ्यासदौरा काढण्यात आला. ही भेट इंदूर (मध्य प्रदेश) येथील अॅप्लो इलेक्ट्रॉनिक्स प्रायव्हेट लिमिटेड येथे देण्यात आली. 'एम्बेडेड संकल्पना' एआयसोबत किंवा कोणत्याही प्रकल्पित प्रोजेक्टसोबत कसा जोडल्या जातात, याचे मार्गदर्शन विद्यार्थ्यांना मिळाले. या प्रसंगी एम्बेडेड प्रोजेक्ट संकल्पनेचे प्रमुख आयुष कोठारी यांनी मुलांना प्रत्येक संकल्पना प्रत्यक्षिकरीत्या करून दाखवल्या. भेटाला ५० विद्यार्थी व ४ शिक्षकांनी सहभाग घेतला. भेटीसाठी प्राचार्य डॉ. संजय सुगंधी यांचे मार्गदर्शन लाभले. इतरेव्हा सरोदे, राहुल पटेल, आणक्यूपुसीचे समन्वयक कल्पेश महाजन यांनी प्रोत्साहन दिले. सचिन भगळे, स्नेहा पाटील, गीता पाटील, रोहन परदेशी यांनी अभ्यासदौऱ्याचे नियोजन केले.



जळगाव सिटी 15-11-2025

**भेट • अभियांत्रिकीच्या विद्यार्थ्यांना
प्रत्यक्ष कंपनीत नेऊन दिली माहिती**



जळगाव । के सी ई इंजिनियरींग अँड मॅनेजमेंट महाविद्यालयाने इलेक्ट्रॉनिक्स आणि कॉम्प्युटर विभागातील अंतिम वर्षाच्या विद्यार्थ्यांसाठी इंदूर येथील अॅप्लो इलेक्ट्रॉनिक्स प्रायव्हेट लिमिटेड येथे औद्योगिक भेटीचे आयोजन करण्यात आले होते. या प्रसंगी एम्बेडेड प्रोजेक्ट संकल्पनेचे प्रमुख आयुष कोठारी यांनी प्रत्येक संकल्पना प्रत्यक्षिकरीत्या करून दाखवल्या. भेटाला ५० विद्यार्थी व ४ शिक्षकांनी सहभाग घेतला. भेटीसाठी प्राचार्य डॉ. संजय सुगंधी यांचे मार्गदर्शन लाभले. इतरेव्हा सरोदे, राहुल पटेल आदींनी सहकार्य केले.

तरुण भारत

17 Nov 2025 - Page 10
epaper.tarunbharatlive.com



के सी ई इंजिनियरींगच्या विद्यार्थ्यांची औद्योगिक भेट

जळगाव । खान्देश कॉलेज एज्युकेशन सोसायटीचे कॉलेज ऑफ इंजिनियरींग अँड मॅनेजमेंट महाविद्यालयाने इलेक्ट्रॉनिक्स आणि कॉम्प्युटर विभागातील अंतिम वर्षाच्या विद्यार्थ्यांसाठी औद्योगिक अभ्यासदौरा काढण्यात आला. ही भेट इंदूर (मध्य प्रदेश) येथील अॅप्लो इलेक्ट्रॉनिक्स प्रायव्हेट लिमिटेड येथे देण्यात आली. 'एम्बेडेड संकल्पना' एआयसोबत किंवा कोणत्याही प्रकल्पित प्रोजेक्टसोबत कसा जोडल्या जातात, याचे मार्गदर्शन विद्यार्थ्यांना मिळाले. या प्रसंगी एम्बेडेड प्रोजेक्ट संकल्पनेचे प्रमुख आयुष कोठारी यांनी मुलांना प्रत्येक संकल्पना प्रत्यक्षिकरीत्या करून दाखवल्या. अभ्यासदौऱ्यात ५० विद्यार्थी आणि चार शिक्षकांनी सहभाग नोंदविला. प्राचार्य डॉ. संजय सुगंधी यांचे विशेष मार्गदर्शन लाभले. इतरेव्हा सरोदे, राहुल पटेल, आणक्यूपुसीचे समन्वयक कल्पेश महाजन यांनी प्रोत्साहन दिले. सचिन भगळे, स्नेहा पाटील, गीता पाटील, रोहन परदेशी यांनी अभ्यासदौऱ्याचे नियोजन केले.

देशदूत

जळगाव आवृत्ती
epaper.deshdoot.com
14 Nov 2025 - Page 6

के सी ई इंजिनियरींगच्या विद्यार्थ्यांची औद्योगिक भेट

➤ **जळगाव । प्रतिनिधी**
खान्देश कॉलेज एज्युकेशन सोसायटीचे कॉलेज ऑफ इंजिनियरींग अँड मॅनेजमेंट महाविद्यालयाने इलेक्ट्रॉनिक्स आणि कॉम्प्युटर विभागातील अंतिम वर्षाच्या विद्यार्थ्यांसाठी औद्योगिक भेटीचे आयोजन

करण्यात आले. ही भेट इंदूर येथील 'अॅप्लो इलेक्ट्रॉनिक्स प्रायव्हेट लिमिटेड' येथे आयोजित केली होती. एम्बेडेड संकल्पना एआयसोबत किंवा कोणत्याही प्रकल्पित प्रोजेक्टसोबत कसा जोडल्या जातात, याचे मार्गदर्शन मुलांना मिळाले. या प्रसंगी

एम्बेडेड प्रोजेक्ट संकल्पनेचे प्रमुख आयुष कोठारी यांनी मुलांना प्रत्येक संकल्पना प्रत्यक्षिकरीत्या करून दाखवल्या. प्राचार्य डॉ. संजय सुगंधी, विभाग प्रमुख विशाली सरोदे, राहुल पटेल, कल्पेश महाजन, सचिन भगळे, स्नेहा पाटील, गीता पाटील, रोहन परदेशी यांचेही मार्गदर्शन



जळगाव । खान्देश कॉलेज एज्युकेशन सोसायटीचे कॉलेज ऑफ इंजिनियरींग अँड मॅनेजमेंट महाविद्यालयाने इलेक्ट्रॉनिक्स आणि कॉम्प्युटर विभागातील अंतिम वर्षाच्या विद्यार्थ्यांसाठी औद्योगिक भेटीचे आयोजन केले होते.





KHANDESH COLLEGE EDUCATION SOCIETY'S
COLLEGE OF ENGINEERING & MANAGEMENT, JALGAON-425001
An ISO 9001-2008 Institution and NAAC ACCREDITED

Behind D.I.C. Off., N.H.6, Jalgaon-425001 (Maharashtra State), Tel-0257-(Off) 2242025/2242026/2242052 Fax-0257-224202
Visit us At : www.coeit.kces.in, E-mail - coeit.inquiry@gmail.com

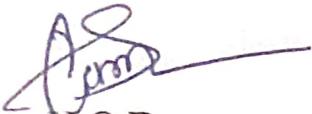
COEM/ADMINI/2025-26/308

Date:-03/11/2025

Notice

Department of Electronics and Computer Engineering

This is to inform all the students of Final Year B.Tech that an Industrial Visit at **Appalto Electronics Pvt.Ltd , Indore** is scheduled on 6 to 8 November 2025. It is mandatory to be present for the Industrial Visit. Each Student will carrying college ID cards with him/her and college uniform during visit. All students should be present in college for Industrial visit at 8.00 PM on 5th Nov 2025


H.O.D


Academic Dean




Principal
PRINCIPAL
K. C. E. SOCIETY
COLLEGE OF EN
MANAGEMENT, JALGAON



Est.:2001

KHANDESH COLLEGE EDUCATION SOCIETY'S COLLEGE OF ENGINEERING AND MANAGEMENT, JALGAON

Approved by A.I.C.T.E. New Delhi; Recognised by Government of Maharashtra and D.T.E.M.S. Mumbai;
Affiliated to K.B.C.N.M.U.; Jalgaon (PG in Management); D.B.A.T.U.; Lonere (UG/PG in Engineering) and
M.S.B.T.E. Mumbai, (Diploma in Engineering)
NAAC ACCREDITED, UGC 2(F)

Behind D.I.C. Off., N.H.6, Jalgaon-425001 (Maharashtra State), Tel.-0257-(Off.) 2242025 / 2242026 / 2242052 Fax-0257-2242027
Visit Us : www.coem.ac.in, E-mail - kcecoem@gmail.com

REF : COEM/JAL/ ADMIN / 2025-26 / 310

Date : 03/11/2025

Office Order

Following faculty/staff of **Electronics and Computer Engineering** Department of this institute are here by informed that they should accompany the Industrial visit at **Appalto Electronics Pvt.Ltd , Indore** on **7th November 2025**. They should take care that the visit should be completed in scheduled period of time and maintain the discipline.

Faculty Name	Department
1) Prof. Sneha Patil	Electronics and Computer Engineering
2) Prof. Geeta Patil	Electronics and Computer Engineering
3) Prof. Sachin Bhangale	Electronics and Computer Engineering
4) Prof. Rohan Pardeshi	Electronics and Computer Engineering


H.O.D


Academic Dean


Principal
PRINCIPAL
K.C.E.SOCIETY'S
COLLEGE OF ENGG. &
MANAGEMENT, JALGAON



Est.:2001



KHANDESH COLLEGE EDUCATION SOCIETY'S
COLLEGE OF ENGINEERING AND MANAGEMENT, JALGAON

Approved by A.I.C.T.E. New Delhi; Recognised by Government of Maharashtra and D.T.E.M.S. Mumbai;
Affiliated to K.B.C.N.M.U.; Jalgaon (PG in Management); D.B.A.T.U.; Lonere (UG/PG in Engineering) and
M.S.B.T.E. Mumbai; (Diploma in Engineering)
NAAC ACCREDITED, UGC 2(F)

Behind D.I.C. Off., N.H.6, Jalgaon-425001 (Maharashtra State), Tel.-0257-(Off.) 2242025 / 2242026 / 2242052 Fax-0257-2242027
Visit Us : www.coem.ac.in, E-mail - kcecoem@gmail.com

REF : COEM/JAL/ADMIN/2025-26/309

Date : 03.11.2025

To,
HR Manager ,
Appalto Electronics Pvt.Ltd
IT Park, Sinhasa, Dhar Road,
Indore, Madhya Pradesh

Subject: Permission for Industrial Visit.

Respected Sir/Mam,

With reference to the above subject this institute is running a **B.Tech** course in **Electronics and Computer Engineering**. As the part of curriculum, the students have to visit the electronic industries for practical exposure & interaction with its working culture. This regards your cooperation is solicited. Hence we request you to grant the permission for visit at industry . The no. of students & probable dates of visit are as follows:- Please confirm the same.

Class	No. of Students	Probable Dates of Visit
Final Year B.Tech (ECE)	30	7 th Nov 2025
STAFF	4	

Thanks for co-operation and expecting the same in future also.

With Regards,


HOD


Academic Dean


Principal
K.C.E. SOCIETY'S
COLLEGE OF ENGG. &
MANAGEMENT, JALGAON





KCES's College of Engineering and Management, Jalgaon
Department of Electronics and Computer Engg.

GUARDIAN UNDERTAKING FORM

Respected Sir/Madam,

I, ~~Mr./Mrs./Ms.~~ Shailendra Sudhakar Firke, parent/guardian of Mr./Ms. Sharayu Shailendra Firke, a student of B.E. Electronics and Computer Engineering, VII SEM-2025-26, Roll No. 33, hereby give my full consent for my ward to participate in the Industrial Visit organized by the Department of Electronics and computer Engineering to Indore, scheduled on 7/8 November 2025.

I understand that this visit is a part of the academic curriculum and will be conducted under the supervision of the faculty members of the department. I assure you that my ward will follow all the rules and regulations prescribed by the institution and the visiting industry.

I also undertake that I shall not hold the institution, the organizing department, or the accompanying faculty responsible for any accident, mishap, injury, or loss of belongings during the visit or while traveling to and from the site.

Student Details

- Name of Student: Sharayu Shailendra Firke
- Mobile No.: 9156624992

Parent / Guardian Details

- Name: Shailendra Sudhakar Firke
- Relationship: Father
- Contact No.: 9075366489
- Signature of Parent/Guardian: S.S. Firke
- Date: 30/10/2025

Student Declaration

I, the undersigned, agree to maintain discipline and abide by the rules and instructions given by the accompanying staff during the industrial visit.

Signature of Student: [Signature]
Date: 30/10/2025

