Outlook

Organizing Industrial Visit to Efftronics, Mangalagiri on 16th October 2026 – Reg.

From Registrar Office <officeofregistrar@kluniversity.in>

Date Sat 10/10/2026 1:25 PM

To PRESIDENT <president@kluniversity.in>; Raja Harin koneru <krh@kluniversity.in>; PRO-CHANCELLOR <prochancellor@kluniversity.in>; Vice Chancellor - KLU <vc@kluniversity.in>; Dr.G.P.S. Varma, Vice-Chancellor <gpsvarma@kluniversity.in>; N Venkat Ram <venkatram@kluniversity.in>; ProVC-KRR <provc-krr@kluniversity.in>; Registrar <registrar@kluniversity.in>; Dr Jagadeesh Anne <drjagadeesh@kluniversity.in>; Dr. A Vani <drvani@kluniversity.in>; Dr. JKR Sastry <drsastry@kluniversity.in>; Advisor Student Affairs <habibulla@kluniversity.in>; Director - Construction <hrao_ce@kluniversity.in>; Prof. K Subba Rao <subbaraokotamraju@kluniversity.in>; Dean Academics <dean.academics@kluniversity.in>; Dean (R & D) <deanrnd@kluniversity.in>; K R S Prasad <krsprasad_fed@kluniversity.in>; Dean Student Affairs <deansa@kluniversity.in>; Dean Quality <deanquality@kluniversity.in>; Dean Faculty & Staff Affairs <deanfsa@kluniversity.in>

Ref: KLEF/RO/ECE/Industrial Visit/2026-27 Date: 09-10-2026

Orders of the Hon'ble Vice-Chancellor dt. 09-10-2026

CIRCULAR

Sub: Organizing Industrial Visit to Efftronics, Mangalagiri on 16th October 2026 – Reg.

Ref: Letter from Dr. K.V.Sowmya, Assistant Professor, ECE & Faculty Advisor IEEE—WIE, forwarded by Dr. I. Govardhani, HoD, Department of ECE and Dr.T.K. Rama Krishna Rao, In-charge Principal, College of Engineering.

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This is to inform that the Department of Electronics and Communication Engineering is organizing an Industrial Visit, as a part of ongoing courses Advanced Embedded Systems (24EDS3101, 24EDS3101A) and Embedded Systems Design and IoT (25EC2206) from Cohort- E12 (Embedded Systems and IoT).

The Industrial Visit is being organized to Efftronics, Mangalagiri and scheduled on 16th October 2026 from 2:00 PM to 5:00 PM for the students of the Department of Electronics and Communication Engineering.

The industrial visit is being organized to provide students with practical exposure to industrial processes, technologies, and real-time applications relevant to their academic curriculum. It will also help students gain better insight into the working environment and technological practices followed in the industry.

The details of the visit are as follows:

- Industrial Visit: Efftronics, Mangalagiri
- Date: 16th October 2026
- Time: 2:00 PM to 5:00 PM
- Department: Electronics and Communication Engineering
- Purpose: Industrial exposure and practical learning

Event Coordinators:

1. Dr. K.V.Sowmya- Assistant Professor, Department of ECE
2. Dr. C. Preetham Reddy- Associate Professor, Department of ECE
3. Dr. S. Shameem- Associate Professor, Department of ECE
4. Dr. A.V. Prabhu- Associate Professor, Department of ECE, Industrial Visit In-charge
5. Dr N Prabakaran- Associate Professor, Department of ECE, Co-Hort In charge(E12)

HoD of ECE, KLEF Vaddeswaram campus is directed to ensure participation of the Faculty members and Students concerned.

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Through ERP: Chief Technical Officer (CTO)-Mr.A.Satya Kalyan
Mr. Raja Sekhar, Emp. No. 2482, Jr. Network Administrator (E-mail: rajasekhar_syte@kluniversity.in)
Through ERP: Professor In-charge, EduTech, Animation-Dr. M. Siva Kumar,Assoc. Professor, ECE
Through ERP: Event Coordinators concerned
All Faculty members / Research Scholars / Students of Department of ECE, KLEF Vaddeswaram campus

Thanks & Regards

O/o REGISTRAR
C-006, EXTN. NO. 1200
KONERU LAKSHMAIAH EDUCATION FOUNDATION
(Category -1, Deemed to be University estd. u/s. 3 of the UGC Act, 1956)
❖ Approved by AICTE ❖ ISO 21001:2018 Certified
Campus: Green Fields, Vaddeswaram - 522 302, Guntur District, Andhra Pradesh, INDIA.
Phone No. 08645 - 350200; www.klef.ac.in; www.klef.edu.in; www.kluniversity.in

Department Name	ECE
Event Date(s)	16/10/2026
Event Time	1:30 PM to 4:30 PM
Event Name	Industrial Visit to Efftronics Systems Pvt. Ltd.
Event Category	Professional – Industrial Visit
Event Objective	To provide students with industrial exposure, practical knowledge of industry operations, and insights into emerging technologies and changing industry trends.
Event Venue / Room No.	Efftronics Systems Pvt. Ltd. Mangalagiri, Guntur Dt
Faculty Coordinator EMP.ID	4822, 5616
Faculty Coordinator Name	Dr. K.V Sowmya, Assistant Professor, ECE, Dr. Arunmetha, Professor, ECE
Faculty Coordinator Email-ID	sowmyakambhampati@kluniversity.in
Student Organizers	Krishna Kanth Dundi Naga Sree.K
IEEE Members Attended	**6**
Non-IEEE Members Attended	**50**
Total Members Attended	**56**

Report:

An industrial visit to Efftronics Systems Pvt. Ltd., Mangalagiri, was conducted on 16 October 2026 for students of the Department of Electronics and Communication Engineering (ECE), Koneru Lakshmaiah Education Foundation (KLEF), Vaddeswaram. The visit took place from 1:30 PM to 4:30 PM and was intended to provide students with first-hand exposure to industrial manufacturing processes, inspection systems, quality practices, and the application of engineering concepts in a professional environment.

Mr. Srac Prasad, Project Manager at Efftronics Systems Pvt. Ltd., guided the participants and explained aspects of the company's operations and the relevance of technical knowledge in industrial practice. Mr. Bharat, Quality and Control Head, discussed the importance of quality assurance, inspection, and process control in maintaining product quality and operational reliability.

During the visit, students were introduced to several sections associated with electronic assembly and quality inspection. These demonstrations helped them understand the sequence of processes involved in assembling and inspecting electronic products, from incoming-material checks and solder-paste application through component placement, soldering, and post-assembly inspection.

The sections and equipment explained to the students included the loader; 3D solder-paste inspection system; pick-and-place machines (Machines 1, 2, and 3); reflow soldering oven; semi-automatic solder-paste printer; automated optical inspection (AOI) system; de-soldering machine; microfocus X-ray inspection system; raw-material inspection section; and LED dark room. The visit provided awareness of the purpose of each section and its role in the production or inspection workflow.

The demonstrations highlighted how automated equipment and inspection techniques support manufacturing consistency and help identify defects that may not be apparent through visual examination alone. In particular, students gained awareness of solder-paste inspection, component placement, reflow soldering, optical inspection, X-ray-based inspection, and material-quality checks. The visit also reinforced the importance of quality control, process monitoring, workplace discipline, and coordination among industrial teams.

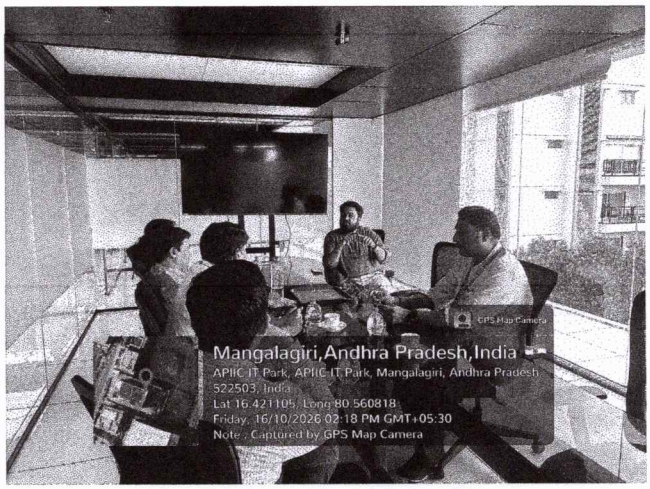
Key learning outcomes of the industrial visit included:

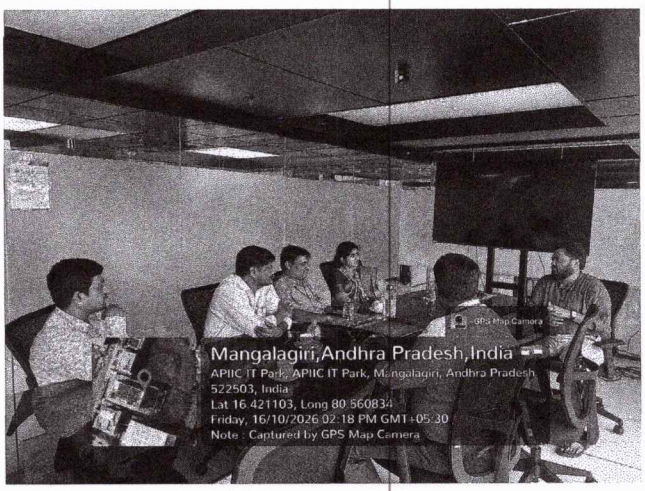
- Understanding the roles of the loader and raw-material inspection section in the production workflow
- Gaining awareness of 3D solder-paste inspection and semi-automatic solder-paste printing
- Learning the purpose of pick-and-place machines and the reflow soldering process
- Understanding the roles of automated optical inspection (AOI), microfocus X-ray inspection, and de-soldering equipment
- Recognizing the importance of quality assurance, inspection, and process control in electronics manufacturing
- Connecting classroom concepts with industrial equipment, manufacturing practices, and workplace expectations

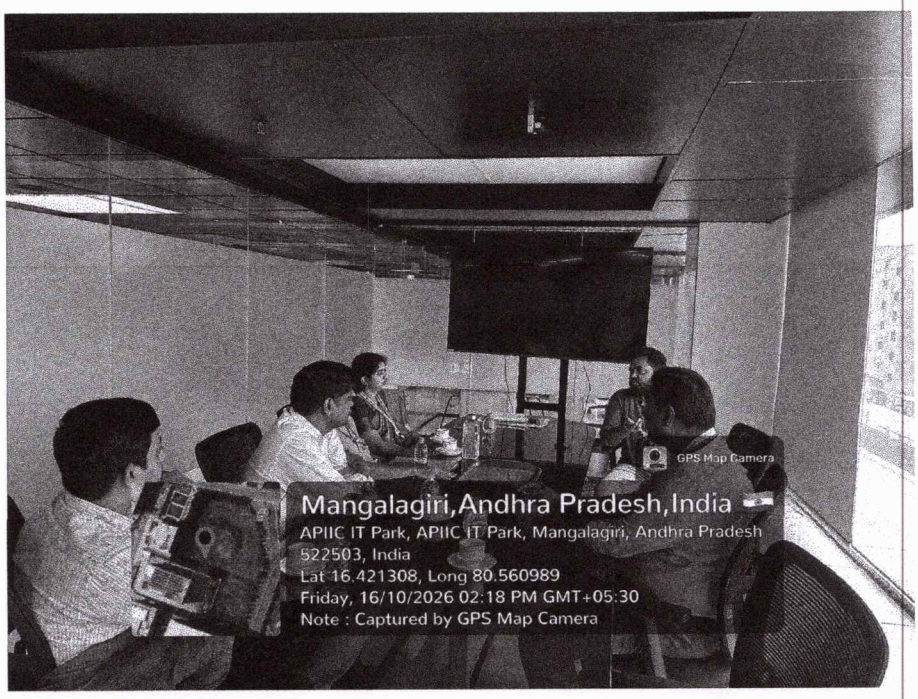
Overall, the visit was an informative and valuable learning experience. It strengthened the connection between academic learning and industrial practice and gave students practical awareness of electronic assembly and inspection sections. The interaction with industry representatives also emphasized the importance of continuous learning, technical competence, quality consciousness, and industry-oriented skill development.

Discussion with Industry Representatives:

The participants interacted with industry representatives during the visit. Mr. Srac Prasad, Project Manager, provided an overview of company operations and the practical application of engineering knowledge. Mr. Bharat, Quality and Control Head, highlighted the role of quality assurance and control in industrial processes. Students were made aware of the loader, 3D solder-paste inspection system, pick-and-place machines, reflow soldering oven, semi-automatic solder-paste printer, automated optical inspection system, de-soldering machine, microfocus X-ray inspection system, raw-material inspection, and LED dark room. These sections offered a practical view of electronic manufacturing and inspection workflows and helped students appreciate the importance of quality and process control.








GPS Map Camera
Mangalagiri,Andhra Pradesh,India
APIIC IT Park, APIIC IT Park, Mangalagiri, Andhra Pradesh 522503, India
Lat 16.421115, Long 80.560176
Friday, 16/10/2026 01:27 PM GMT+05:30
Note : Captured by GPS Map Camera


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Mangalagiri,Andhra Pradesh,India
APIIC IT Park, APIIC IT Park, Mangalagiri, Andhra Pradesh 522503, India
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Note : Captured by GPS Map Camera

Participants list

S.No	Student Id Number	Student Name	IEEE/ Non IEEE member
1	2400040001	Tripuraneni Anushka	Non IEEE Member
2	2400040013	Praseeda Chowdary Yarlagadda	Non IEEE Member
3	2400040018	P.Jashuva	Non IEEE Member
4	2400040041	G.Parinitha	Non IEEE Member
5	2400040044	AKSHAYA TAGALLAMUDI	Non IEEE Member
6	2400040053	CH. Lakshmi Chaitanya	Non IEEE Member
7	2400040085	Kalidindi Jayanth Srinivasa Raju	Non IEEE Member
8	2400040096	Kodukula Suvarna	Non IEEE Member
9	2400040124	Hansika Velugubantla	IEEE Member
10	2400040129	Vennela Alla	IEEE Member
11	2400040130	VANDHANAPU LEELA VENKATA NAGA SURESH KUMAR	Non IEEE Member
12	2400040151	Atluri Naga Chetan	Non IEEE Member
13	2400040210	CH.Moksheeth	Non IEEE Member
14	2400040218	Vurranki Sri Lakshmi Susmitha	Non IEEE Member
15	2400040354	K.Mohith	Non IEEE Member
16	2400040359	GANGISETTY DHANESH KUMAR	Non IEEE Member
17	2400040449	M chandu	Non IEEE Member
18	2400040468	Kolasani dinesh	Non IEEE Member
19	2400040003	B.Varun Teja	Non IEEE Member

20	2400040005	K.Hemanth kumar	Non IEEE Member
21	2400040028	M.vishnu vardhan	Non IEEE Member
22	2400040036	P Pavan srikar	Non IEEE Member
23	2400040153	A. Vijay	Non IEEE Member
24	2400040154	T Pushkala N V L Sarvani	Non IEEE Member
25	2400040159	K.jahnavi	Non IEEE Member
26	2400040165	PARMI SREEJA	Non IEEE Member
27	2400040176	VYTLA VENKAT SATHVIK	Non IEEE Member
28	2400040205	Bhamidipati karthikeya	Non IEEE Member
29	2400040301	Hashik Reddy	Non IEEE Member
30	2400040431	Vamshi	Non IEEE Member
31	2500040020	SOMAROWTHU PRANAVI	Non IEEE Member
32	2500040019	VIPPAGUNTA VENKATA SUBHASH	Non IEEE Member
33	2500040030	RACHARLA CHAITHANYA	Non IEEE Member
34	2500040094	M.SURYA TEJA REDDY	Non IEEE Member
35	2500040116	VASA SIVA VARSHIKA	Non IEEE Member
36	2500040134	M.RAVI KUMAR	Non IEEE Member
37	2500040147	CHINNALA BHANU PRASAD	Non IEEE Member
38	2500040150	FAYAZ SHAIK	Non IEEE Member
39	2500040152	SIDDHAM VENKATA YASASWINI	Non IEEE Member
40	2500040159	Shaik Afrose	Non IEEE Member
41	2500040168	PATHAN JILANI	Non IEEE Member

42	2500040230	POSA GEETHIKA SREE	Non IEEE Member
43	2500090020	DEEVI HEMA HASITHA	Non IEEE Member
44	2500040251	Surekha Gaddala	Non IEEE Member
45	2500040133	POOJITHA	Non IEEE Member
46	2500040076	Poosapati Jahnavi	Non IEEE Member
47	2500040129	BUDIDETI MADHU LATHA	Non IEEE Member
48	2500040106	NARUKULLA LAVANYA	Non IEEE Member
49	2300040147	Krishnakanth	IEEE Member
50	2400030015	K. Dundi Nagasree	IEEE Member
51	4822	Dr. K.V.Sowmya	IEEE Member
52	2497	Dr. Syed Shameem	Non IEEE Member
53	5129	Dr. Ch. Preetham Reddy	Non IEEE Member
54	4966	Dr. N. Prabakaran	Non IEEE Member
55	4295	Dr. A.V.Prabhu	Non IEEE Member
56	5616	Dr. S. Arunmetha	IEEE Member

Faculty Coordinators

Dr.K.V.Sowmya, Dr. S .Arunmetha

Dr. L. Goverdhani
Professor & Head
Department of ECE
K L E F
Green Fields, Vaddeswaram,
Guntur Dist., A.P. PIN: 522 302

Koneru Lakshmaiah Education Foundation- Depratment of ECE
Industrial Visit to efftronics on 16-10-2026
Y-24 List of Students

ID	Student ID Number	Student Name	Section	Hostler/Day scholar	Signature
1	2400040001	Tripuraneni Anushka	S-51	Dayscholar	
2	2400040013	Praseeda Chowdary Yarlagadda	S-51	Dayscholar	
3	2400040018	P.Jashuva	S-51	Dayscholar	
4	2400040041	G.Parinitha	S-51	Dayscholar	
5	2400040044	AKSHAYA TAGALLAMUDI	S-51	Dayscholar	
6	2400040053	CH. Lakshmi Chaitanya	S-51	Dayscholar	
7	2400040085	Kalidindi Jayanth Srinivasa Raju	S-51	Dayscholar	
8	2400040096	Kodukula Suvarna	S-51	Dayscholar	
9	2400040124	Hansika Velugubantla	S-51	Dayscholar	
10	2400040129	Vennela Alla	S-51	Dayscholar	
11	2400040130	VANDHANAPU LEELA VENKATA NAGA SURESH KUMAR	S-51	Dayscholar	
12	2400040151	Atluri Naga Chetan	S-51	Dayscholar	
13	2400040210	CH.Moksheeth	S-51	Dayscholar	
14	2400040218	Vurranki Sri Lakshmi Susmitha	S-51	Dayscholar	
15	2400040354	K.Mohith	S-51	Dayscholar	
16	2400040359	GANGISETTY DHANESH KUMAR	S-51	Dayscholar	
17	2400040449	M chandu	S-51	Dayscholar	
18	2400040468	Kolasani dinesh	S-51	Dayscholar	
19	2400040003	B.Varun Teja	S-51	Hostler	
20	2400040005	K.Hemanth kumar	S-51	Hostler	
21	2400040028	M.vishnu vardhan	S-51	Hostler	
22	2400040036	P Pavan srikar	S-51	Hostler	
23	2400040153	A. Vijay	S-51	Hostler	
24	2400040154	T Pushkala N V L Sarvani	S-51	Hostler	
25	2400040159	K.jahnavi	S-51	Hostler	
26	2400040165	PARMI SREEJA	S-51	Hostler	
27	2400040176	VYTLA VENKAT SATHVIK	S-51	Hostler	
28	2400040205	Bhamidipati karthikeya	S-51	Hostler	
29	2400040301	Hashik Reddy	S-51	Hostler	
30	2400040431	Vamshi	S-51	Hostler	

Y-25 List of Students

ID	Student ID Number	Student Name	Section	Hostler/Day scholar	
1	2500040020	SOMAROWTHU PRANAVI	S-17	Dayscholar	
2	2500040019	VIPPAGUNTA VENKATA SUBHASH	S-17	Dayscholar	
3	2500040030	RACHARLA CHAITHANYA	S-17	Dayscholar	
4	2500040094	M.SURYA TEJA REDDY	S-66	Dayscholar	
5	2500040116	VASA SIVA VARSHIKA	S-17	Dayscholar	
6	2500040134	M.RAVI KUMAR	S-66	Dayscholar	
7	2500040147	CHINNALA BHANU PRASAD	S-17	Dayscholar	
8	2500040150	FAYAZ SHAIK	S-67	Dayscholar	
9	2500040152	SIDDHAM VENKATA YASASWINI	S-17	Dayscholar	
10	2500040159	Shaik Afrose	S-16	Dayscholar	

11	2500040168	PATHAN JILANI	S-67	Dayscholar	
12	2500040230	POSA GEETHIKA SREE	S-66	Dayscholar	
13	2500090020	DEEVI HEMA HASITHA	S-17	Dayscholar	
14	2500040251	Surekha Gaddala	S-16	Hostler	
15	2500040133	POOJITHA	S-16	Hostler	
16	2500040076	Poosapati Jahnavi	S-16	Hostler	
17	2500040129	BUDIDETI MADHU LATHA	S-17	Hostler	
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