

REHEARSING FOR THE FUTURE
(Annual News letter of Department of ECE)
2022-2023



Andhra Loyola Institute of Engineering and Technology

ITI Road, Polytechnic Post Office , Beside Ramesh Hospital,
Krishna Dist., Andhra Pradesh,
Ph: 0866 2476161, FAX:0866 2
www.aliet.ac.in

Inside this Issue

Workshops, Guest
Lectures & Seminars
Conducted

Workshops/Conferences
/Seminars attended by
Faculty

Students Activities
Achievements

Mission and Vision

Student Members:

1. T.Nikhil (19HP1A0445)
2. Md.Afreen(19HP1A0465)
3. A.Naveen Kumar
(19HP1A0480)
4. S.Ratna Sowjanya
(19HP1A0422)

ENGINEERS' PLEDGE / OATH



We, the Engineers and Technologists of India, do solemnly pledge to advance the science and practice of Engineering for sustainable development of our country, and for human progress, in general.

As engineers and technologists, we affirm to uphold the honour and dignity of our profession by promoting efficiency, acting without fear and favour, and striving relentlessly to expand the frontiers of knowledge. It would be our constant endeavour to encourage creativity & innovation and imaginatively use natural resources to improve the quality of life of our people.

We swear to dedicate our experience, knowledge and skill to public good.

Vision: The Department of ECE endeavors to produce ingenious, preeminent and socially responsible engineers

Editorial Board

Chief Editor

Mr.M.Rama Krishna
Head of the Dept, ECE

Associate Editors:

CH.Pranob Kumar
Faculty-Dept of ECE
K.Srinivasa Rao
Faculty-Dept of ECE

*ECE Department
LOGO
Designed by*

*K Tarun
(13HP1A04B0)
K Anil Bablu
(13HP1A04A2)*





Mr.M.Rama Krishna,HOD of ECE

We the department of ECE are glad to bring forth the news letter “*ECE AVENUE* ” which is a symbol of team work with which the department has been flourishing for years and to go.

The department emphasize the welfare of students both in their academics and personality as budding Engineers of future India.

We the faculty abide by the mission and vision of the department so that it reflects our harmony in the department.

We inculcate to the students that discipline and technology are the seeds for the growth of an individual in the society.

I as HOD feel proud to work with the faculty in the department who always obeyed and supported for the small but new innovatives such as Research Lab, M.O.U’s, training programs, mini and major projects etc.

I thank the Management for giving me a place to explore and implement my ideas in the process of working for the amelioration of the Institute.

Our Faculty is our strength

S No.	Name of the Faculty	Designation
1	Mr.M.Rama Krishna	HOD,ECE
2	Dr.K.Prasanthi Jasmine	Professor
3	Dr.S.Mallikharjuna Rao	Associate Professor
4	Mrs.B.Santhi Kiran	Associate Professor
5	Dr.T.Lakshmi Narayana	Associate Professor
6	Mr.P.Bose Babu	Assistant Professor
7	Mr.G.Roopa Krishna Chandra	Assistant Professor
8	Mr.G.Ravi	Assistant Professor
9	Mr.Y.Pavan Kumar	Assistant Professor
10	Mr.K.Appala Raju	Assistant Professor
11	Mr.G.Vijay Kumar	Assistant Professor
12	Mr.K.Srinivasa Rao	Assistant Professor
13	Mr.M.Rama Krishna	Assistant Professor
14	Mr.Ch.Pranob Kumar	Assistant Professor
15	Mr.Abdul Azeem	Assistant Professor
16	Mr.Md.Baig	Assistant Professor
17	Ms.S.Spandana	Assistant Professor
18	Mrs.D.Hepzibha Rani	Assistant Professor
19	Mrs.K.Mary Priyadarshini	Assistant Professor
20	Mr.R.Anand Kumar	Lab Technician
21	Mrs.K.G.Prasuna	Lab Technician
22	Mr.K.B.R.Srinivasu	Lab Technician
23	Ms.K.Prema Divya	Lab Technician
24	Mrs.Usha Rani	Lab Technician

ACTIVITIES IN SEMESTER – I

EVENTS IN THE DEPARTMENT OF ECE FOR THE MONTH OF JULY 2023

1. Extension programme on “Vana mahotsavam” on 05-07-22 :

On the Occasion of “Vana mahotsav” week, Tree Plantation is Organized by Department of Electronics and Communication Engineering on 05 -07-2022. Final Year Students planted sapplings in Gandhiji High School,One Town, Vijayawada. Extension Coordinator Mr.A.Rajesh, Faculty from ECE Mr.K.Appala Raju along with IV yr ECE students, have participated in this event.







EVENTS IN THE DEPARTMENT OF ECE FOR THE MONTH OF AUGUST 2022

1) Inauguration of Industrial Training Program on “Keil and ARM Processors” from 16-08-22 to 16-11-22 :

Three Months Industrial Training Program on “Keil and ARM Processors”, from 16-08-22 to 16-11-22, inaugurated by **Rev. Fr. Dr. A. Francis Xavier, S.J.**, Secretary & Director, ALIET.

Rev. Fr. K. Ravindra, S.J., Assistant Director of ALIET and **Mr. M. Rama Krishna**, HOD ECE are the Chief Guests for this Training Program. **Mr. M. Rama Krishna** and **Mr. G. Vijay Kumar**, Assistant Professors are the Coordinators of this Training Program.

ALIET & Efftronics Systems Pvt Ltd Collaboratively Offer :

- **The High quality practical/ application oriented training**
- **Industry Accepted course content**
- **Internship certificate**

Training process

TRAINING PROGRAM

- C LANGUAGE
- SENSOR SYSTEMS
- DIGITAL ELECTRONICS
- LPC1769 MICRO CONTROLLER

- **Advanced but simple course content**
- **Proven Methodology**
- **6-Days a Week (60 to 90 minutes) Modulewise theory & assignments.**

Andhra Loyola Institute of Engineering and Technology

Approved by AICTE, New Delhi and Affiliated to JNTU Kakinada
Accredited by NAAC, NBA & An ISO 9001:2015 Certified Institution



in association with
Efftronics Systems Pvt. Ltd.

Industrial Training Program on Keil and ARM Processors (From 16 August 2022 onwards)



Chief Patron

Rev. Fr. P. Balashowry, S.J.,
Rector, Andhra Loyola Institutions.

Chief Coordinator

Rev. Fr. Dr. A. Francis Xavier, S.J.,
Secretary & Director, ALIET.

Chairman

Dr. O. Mahesh
Principal, ALIET.

Patrons

Rev. Fr. D Balaswamy, S.J.,
Assistant Director, ALIET.

Rev. Fr. K. Ravindra, S.J.,
Assistant Director, ALIET.

Convener

Mr. M Rama Krishna,
HOD, Dept. of ECE, ALIET.

Coordinators

Mr. M. Rama Krishna
Asst. Professor, Dept. of ECE, ALIET.
Mr. G. Vijaya Kumar
Asst. Professor, Dept. of ECE, ALIET

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Cordially invite you to the inaugural of

Industrial Training Program

On

“Keil and ARM Processors”

Organized By

Dept. of ECE, ALIET.

In association with
Efftronics Systems Pvt. Ltd.

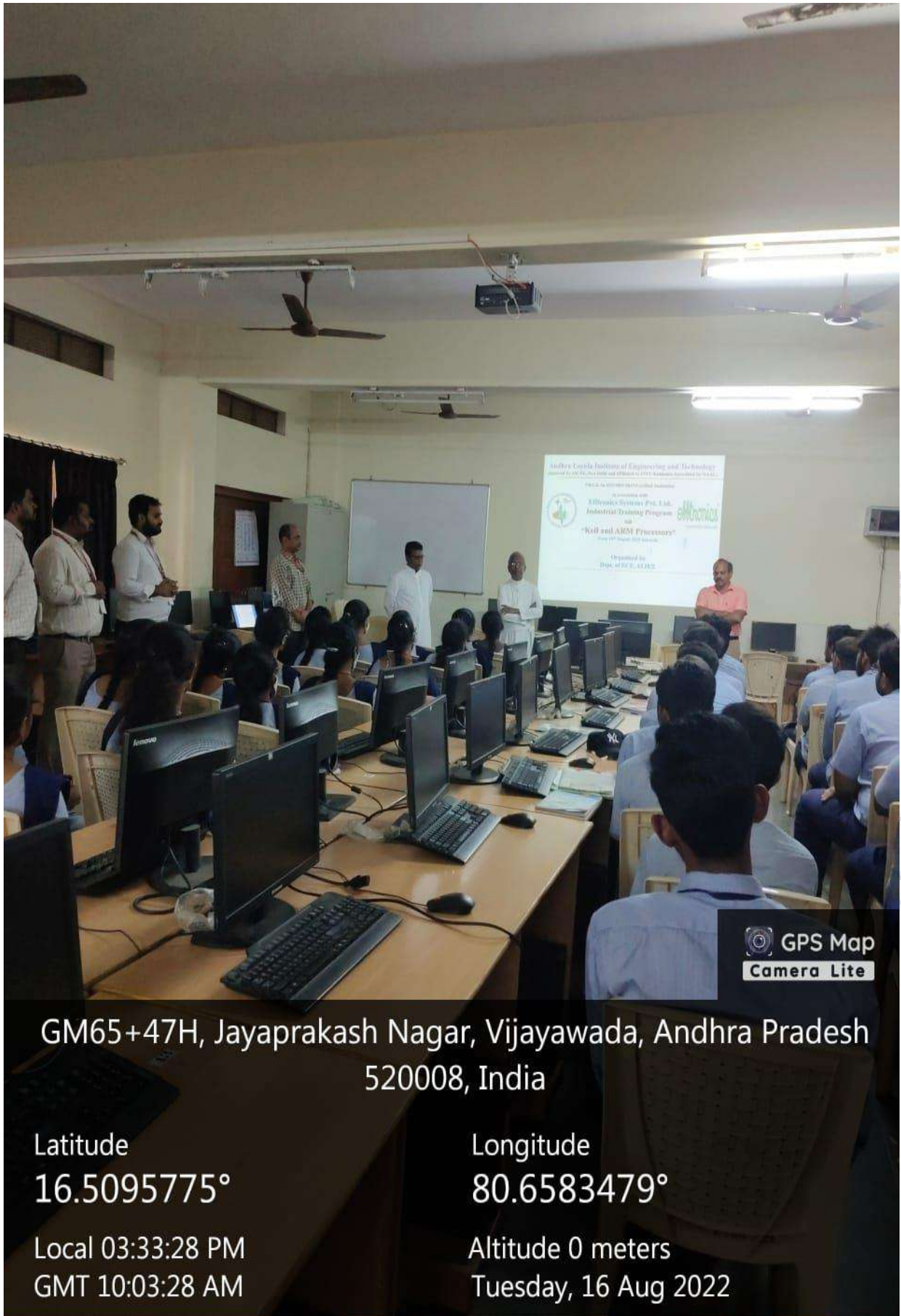
Venue

ALIET-SEIMENS CBT LAB

INAUGURATION DATE & TIME

16th August 2022 & 3:00 PM

With Regards,
Head of the Department,
Electronics and Communication Engineering, ALIET.



GPS Map
Camera Lite

GM65+47H, Jayaprakash Nagar, Vijayawada, Andhra Pradesh
520008, India

Latitude
16.5095775°

Local 03:33:28 PM
GMT 10:03:28 AM

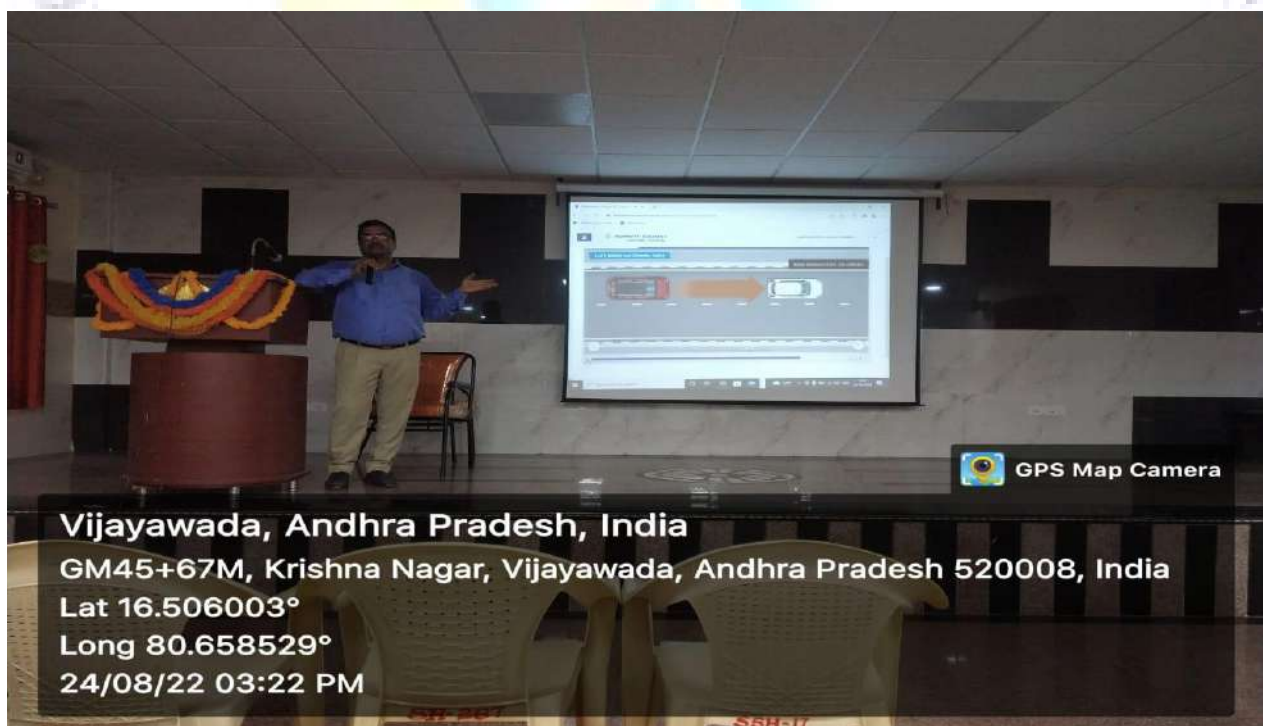
Longitude
80.6583479°

Altitude 0 meters
Tuesday, 16 Aug 2022

2) Extension Program on “Drive Safe: A Technical talk on Electronics in Automobiles” on 24-08-22 :

One Day Extension Program on “ Drive Safe: A Technical talk on Electronics in Automobiles” on 24-08-22, organized by ECE Department in association with Varun Motors, Vijayawada.

Mr.N.Amar Kumar, Driving School Manager, Maruti Suzuki, Varun Motors, Vijayawada and Mr.M.Rama Krishna, HOD ECE are the Resource persons for this Program. Mr.K.Appala Raju, Assistant Professor is the Coordinator of this Extension Program.





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Chief Coordinator

Rev. Fr. Dr. A. Francis Xavier, S.J.,
Secretary & Director, ALIET.

Chairman

Dr. O. Mahesh
Principal, ALIET.

Patrons

Rev. Fr. D Balaswamy, S.J.,
Assistant Director, ALIET.

Rev. Fr. K. Ravindra, S.J.,
Assistant Director, ALIET.

Convener

Mr. M Rama Krishna,
HOD, Dept. of ECE, ALIET.

Coordinator

Mr. APPALA RAJU K
Asst. Professor, Dept. of ECE, ALIET.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Cordially invite you to the Extension Program

On
“DRIVE SAFE”
A Technical Talk on Electronics in Automobiles

Organized By

Dept. of ECE, ALIET.

Resource Person

Mr. AMAR KUMAR N
Driving School Manager,
Maruti Suzuki,
Varun Motors

Venue

NORTH SEMINAR HALL

DATE & TIME

24th August 2022 & 3:00 PM

With Regards,
Head of the Department,
Electronics and Communication Engineering, ALIET.



Vijayawada, Andhra Pradesh, India

GM45+67M, Krishna Nagar, Vijayawada, Andhra Pradesh 520008, India

Lat 16.506003°

Long 80.658529°

24/08/22 03:21 PM



Vijayawada, Andhra Pradesh, India

GM45+67M, Krishna Nagar, Vijayawada, Andhra Pradesh 520008, India

Lat 16.506003°

Long 80.658529°

24/08/22 03:21 PM

GPS Map Camera



Vijayawada, Andhra Pradesh, India

GM45+67M, Krishna Nagar, Vijayawada, Andhra Pradesh 520008, India

Lat 16.506003°

Long 80.658529°

24/08/22 04:31 PM

GPS Map Camera

3) One Day Guest Lecture on “Telugu Language Day” on 29-08-22 :

One Day Guest Lecture on “Telugu Language Day” on 29-08-22, organized by S&H and ECE Departments .Rev. Fr. D Balaswamy, S.J.,Assistant Director, ALIET is the Chief Guest for this Event .

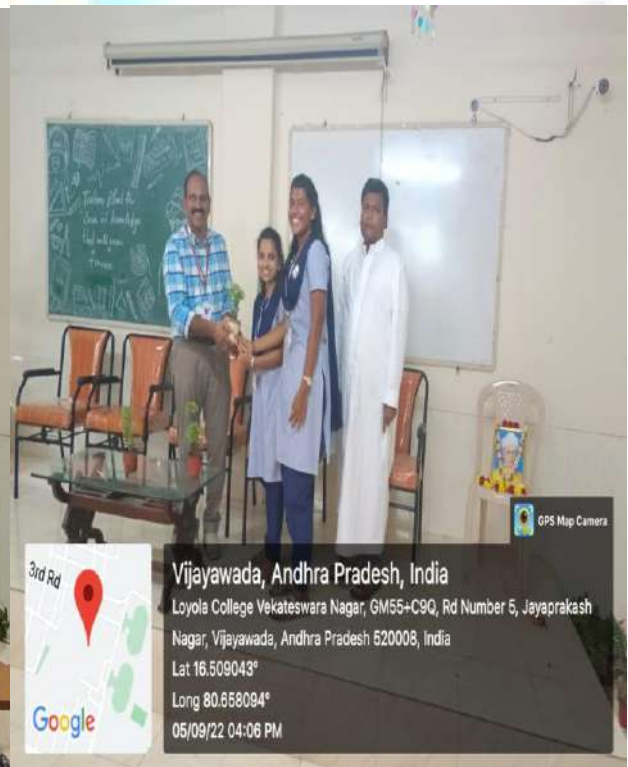
Dr.G.Rejina ,Reader,Maris Stella College,Vijayawada acted as Resource person for this Program.
Ms.M.Archana, Assistant Professor,S&H is the Coordinator of this Program.



EVENTS IN THE DEPARTMENT OF ECE FOR THE MONTH OF SEPTEMBER 2023

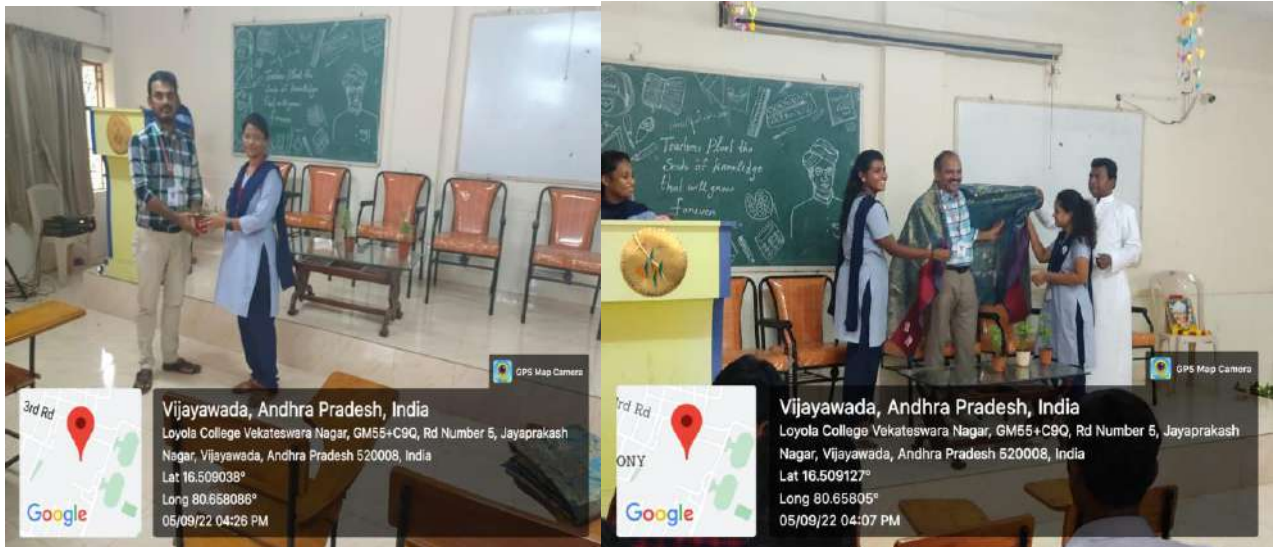
1. “Teacher's Day” Celebrations on 05-09-22 :

“Teacher's Day Celebrations” organized by III ECE students on 05-09-22. Rev. Fr.K.Ravindra, S.J., Assistant Director of ALIET and Mr.M.Rama Krishna,HOD ECE are the Chief Guests for this Program.










2. One Day Guest Lecture on “Smart Engineering for a better world” on 15 -09-22 :

An One-day Guest Lecture was organized by Department of ECE in association with IETE STUDENT CHAPTER on the Occasion of “Engineers Day Celebrations”, for II & III B.Tech students on the topic “**Smart Engineering for a better world**” on 15-09-22. Mr.A.Azeem and Mr.G.Ravi, Assistant Professors acted as Coordinators for the Guest Lecturer.

Sri.B.Sambi Reddy, Chief Engineer, Efftronics Systems Pvt. Limited, acted as Resource Person. Mr.M.Rama Krishna, HOD ECE, has addressed the students and told the importance of Engineers Day (Birth day of Engineering Legend Sir. Mokshagundam Visvesvaraya.).

Rev. Fr. Dr. A. Francis Xavier, S.J., Director, ALIET ; Rev. Fr.K.Ravindra, S.J., & Rev. Fr. Bala Swamy Assistant Directors of ALIET, Principal Dr. O. Mahesh and Dr.C.V.Sri ram, Secretary, IEL, APSC acted as Guest of Honour for the Program.




The Institution of Engineers (India)

ANDHRA PRADESH STATE CENTER

in association with

The Institution of Engineers (India), Student Chapter Dept. of ECE

ANDHRA LOYOLA INSTITUTE OF ENGINEERING & TECHNOLOGY





55th Engineer's Day

Chief Guest : Er. B. Sambi Reddy,
Chief Engineer, Efftronics Systems Pvt. Ltd.

Guest Talk on

Smart Engineering for a Better World

Day & Date : Thursday, 15th September 2022
Time : 9:30 AM

Venue : Andhra Loyola Institute of Engineering & Technology
Vijayawada

The Institution of Engineers (India)
 A Century of Service to the Nation
 ANDHRA PRADESH STATE CENTRE
 in association with
ANDHRA LOYOLA INST. OF ENGG. & TECH.
 All Members are requested to join
55th Engineer's Day

Chief Guest
B. Sambhi Reddy
 Chief Engineer, Efftronics Systems Pvt. Ltd.

Theme:
Smart Engineering for a Better World

15th September 2022, Thursday 9:30 AM
 VENUE : ANDHRA LOYOLA INSTITUTE OF ENGINEERING & TECHNOLOGY, VIJAYAWADA

Will Preside

Prof. K Hemachandra Reddy, FIE
 Chairman, IEI - APSC

Rev. Fr. Dr. A. Francis Xavier, S.J
 Director, ALIET

Dr. CV Sriram, FIE
 Secretary, IEI - APSC

Dr. O. Mahesh
 Principal, ALIET







3. Five Day Online FACULTY DEVELOPMENT PROGRAMME (FDP) on “VLSI Devices and Circuits for AI Applications” from 19-09-22 to 23-09-22:

Five day Online Faculty Development Programme(FDP) on “VLSI Devices and Circuits for AI Applications” organized by Dr. A P J Abdul Kalam Research Forum, Dept. of ECE, ALIET In association with National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh. from 19-09-22 to 23-09-22 .. Dr.T.Lakshmi Narayana, Associate Professor , Mr. S Mallikharjuna Rao , Associate Professor, Dept. of ECE,ALIET, Dr. Balwinder Raj,Associate Professor and Dr. Sandeep Singh Gill, Professor, Dept. of ECE, (NITTTR), Chandigarh acted as Coordinators for this FDP.



ONLINE
FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
VLSI Devices and Circuits for AI Applications
(19th – 23rd September 2022)



Andhra Loyola Institute of Engineering and Technology
Approved by AICTE, New Delhi and Affiliated to JNTU Kakinada
Accredited by NAAC, NBA & An ISO 9001:2015 Certified Institution

in association with
National Institute of Technical Teachers Training and Research
(NITTTR), Chandigarh.
(Sponsored by Ministry of Education, Government of India)

Chief Patron
Rev. Fr. P. Balashowry, S.J.,
Rector, Andhra Loyola Institutions.

Chief Coordinator
Rev. Fr. Dr. A. Francis Xavier, S.J.,
Secretary & Director, ALIET.

Chairman
Dr. O. Mahesh
Principal, ALIET.

Patrons
Rev. Fr. D Balaswamy, S.J.,
Assistant Director, ALIET.
Rev. Fr. K Ravindra, S.J.,
Assistant Director, ALIET.

Convener
Mr. M Rama Krishna,
HOD, Dept. of ECE, ALIET.

Coordinators
Dr. Lakshmi Narayana Thalluri
Associate Professor,
Dept. of ECE, ALIET.
Mr. S Mallikharjuna Rao
Associate Professor,
Dept. of ECE, ALIET.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Cordially invite you to the inaugural of

FACULTY DEVELOPMENT PROGRAMME

On

“VLSI DEVICES AND CIRCUITS FOR AI APPLICATIONS”

19th – 23rd September, 2022.

Organized By
Dr. A P J Abdul Kalam Research Forum,
Dept. of ECE, ALIET.

In association with
National Institute of Technical Teachers Training and Research
(NITTTR), Chandigarh.

ONLINE PLATFORM
Google Meet Link: meet.google.com/fkn-nfwm-qmk

INAUGURATION TIME
10:25 AM

Regards
Department of ECE.





jkn-nfwm-qmk



REC

VLSI Devices and Circuits for AI Applications: HARDWARE ACCELERATOR

Dr. Santosh Kumar Vishvakarma
 Professor
 Department of Electrical Engineering &
 Faculty, Centre for Advanced Electronics
 Indian Institute of Technology Indore

Dr. Santosh is presenting




Ishw...



Ravi



Dr. S...

Some people's videos are paused due to problems with your network



Electronics and Communication Engineering Department

Sector-26, NITTTR Chandigarh

Online STC on "VLSI Devices and Circuits for AI Applications"

(O.PLAN No. ICT-122)

(W.E.F. 19.09.2022 TO 23.09.2022)

TIME-TABLE

DAY	SESSION-1 10:30am to 11:45am		SESSION-2 12:00pm to 01:15pm		SESSION-3 2:30 PM onwards
DAY-1 Monday 19.09.2022	Current Trends in Applications of Machine Learning in VLSI Physical Design Dr. S S Gill NITTTR Chd	B	VLSI Devices for AI Applications Dr. K. Srinivasa Rao KL University AP	B	Quiz Assignment/ (SSG/BR)
DAY-2 Tuesday 20.09.2022	AI Hardware Accelerators-I Dr Santosh Kumar IIT Indore	R	AI Hardware Accelerators-II Dr Santosh Kumar IIT Indore	R	Quiz Assignment/ (SSG/BR)
DAY-3 Wednesday 21.09.2022	AI in Prototyping Device Framework Dr. Tanu IIIT Una	E	AI-Devices Commercial Viability Dr. Tanu IIIT Una	E	Quiz Assignment/ (SSG/BR)
DAY-4 Thursday 22.09.2022	Machine Learning for Chip Design Dr Bibhas Ghoshal IIIT Allahabad	A	Network on Chip Architecture for AI Dr Bibhas Ghoshal IIIT Allahabad	A	Quiz Assignment/ (SSG/BR)
DAY-5 Friday 23.09.2022	Artificial Intelligence in Use Today Dr. Amandeep Kaur Central University Bathinda	K	Artificial Intelligence and Evolving IOT Dr. Amandeep Kaur Central University Bathinda	K	Quiz Assignment/ (SSG/BR)

Experts for Talks

Dr. Santosh Kumar Vishwakarma, Dept. of EE, IIT Indore

Dr. Amandeep Kaur, Central University Bathinda

Dr Bibhas Ghoshal IIIT Allahabad

Dr. Tanu, IIIT Una

Dr. K. Srinivasa Rao, KL University, Andhra Pradesh

Dr. Sandeep Singh Gill, Professor, NITTTR, ssg@nitttrchd.ac.in

Dr. Balwinder Raj, Associate Professor, balwinderraj@nitttrchd.ac.in

Course Coordinator's

(Dr. Balwinder Raj)
Associate Professor
ECE, Department

(Dr. Sandeep Singh Gill)
Professor
ECE Department

HoD/ECE

4. Three day workshop on “RF Antenna Design using HFSS” From 22-09- 2022 to 24-09- 2022:

Three day workshop on “RF Antenna Design using HFSS” organized by Communications Research Group, Dr. A P J Abdul Kalam Research Forum, Dept. of ECE, ALIET in association with IETE Student Forum. from 22-09-22 to 24-09-22 . S.Mallikharjuna Rao ,Assoc. Professor, Mr.M.Rama Krishna ,Mr.G.Vijay Kumar and K.Appala Raju Assistant Professors are the Coordinators of this Program. Rev. Fr.K.Ravindra, S.J., & Rev. Fr. Bala Swamy Assistant Directors of ALIET and Mr.M.Rama Krishna,HOD ECE, acted as Guest of Honour for the Program.

Dr. C.Subba Rao ,Professor &HOD,Dept. of ECE,PVPSIT,Vijayawada; Dr.B.T.P Madhav , Professor and Director R&D., Dept. of ECE, KLEF (Deemed to be University), Guntur and Dr. M.Venkateswara Rao, Asst. Professor, Dept. of ECE, PITS, ONGOLE acted as Resource Persons.









5. Two Day Industrial Visit to “Eurth Techtronics” ,Surampalli From 22-09- 2022 to 23-09-2022:

Two Day Industrial Visit to “Eurth Techtronics” ,Surampalli is orgnaized by Department of ECE for III B.Tech Students Division 1 & 2 (22-09- 2022 & 23-09- 2022) , .Students gained a real time exposure to how many stages an LED is undergoing in it’s manufacturing process.

Mr. Y. Pavan Kumar , and Mrs. D.Hepzibha Rani Assistant Professors have accompanied with the students.





EVENTS IN THE DEPARTMENT OF ECE FOR THE MONTH OF OCTOBER 2022

1. Bluetooth Project Review meeting with Efftronics team on 08-10- 2022:

Dr.T.Lakshmi Narayana , Dr.S.Mallikharjuna Rao , Mr. Y. Pavan Kumar and Mr.K.Appala Raju faculty of ECE , have attended Project Review meeting at **Efftronics**,Mangalagiri ,Guntur District.



2. ARM processors Project Review meeting with Efftronics team on 19-10- 2022:

Mr.M.Rama Krishna,Mr.G.Vijay Kumar, Mr.K.Srinivasa Rao and Mr.G.Roopa Krishna Chandra ,faculty of ECE ,have attended Project Review meeting at **Efftronics**, Mangalagiri ,Guntur District. Both teams met Mr.S.Bhavani Shankar,Executive Manager,IoT Services, dicussed about exploration Project.





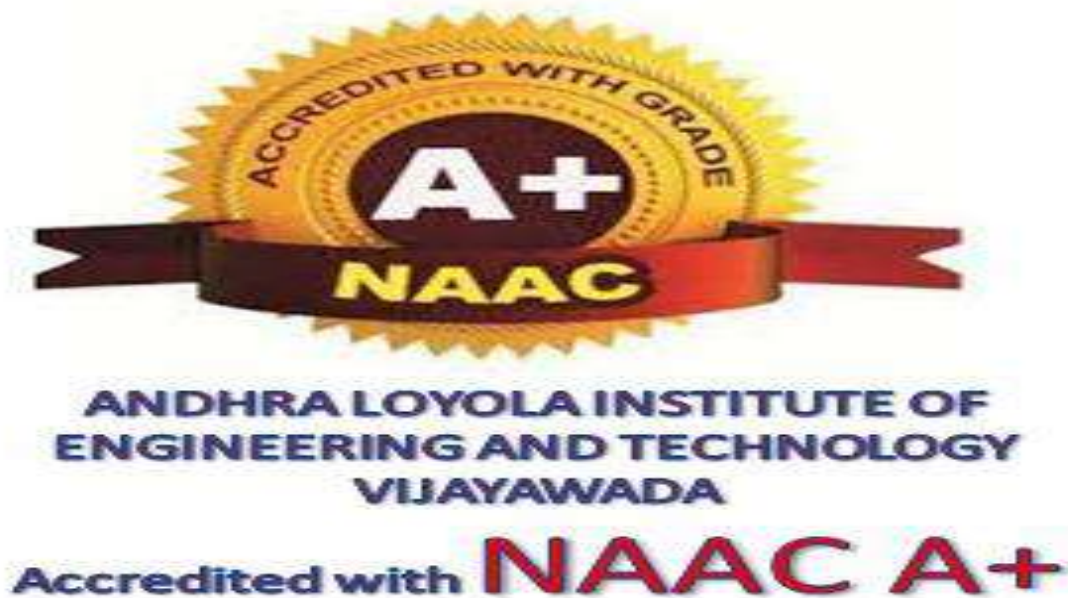
EVENTS IN THE DEPARTMENT OF ECE FOR THE MONTH OF NOVEMBER 2022

1. "NAAC INSPECTION" from 03-11-22 to 04-11-22:

NAAC PEER Team have visited ALIET from 3-11-22 and 4-11-22 . ALIET accredited with NAAC A+ Grade.



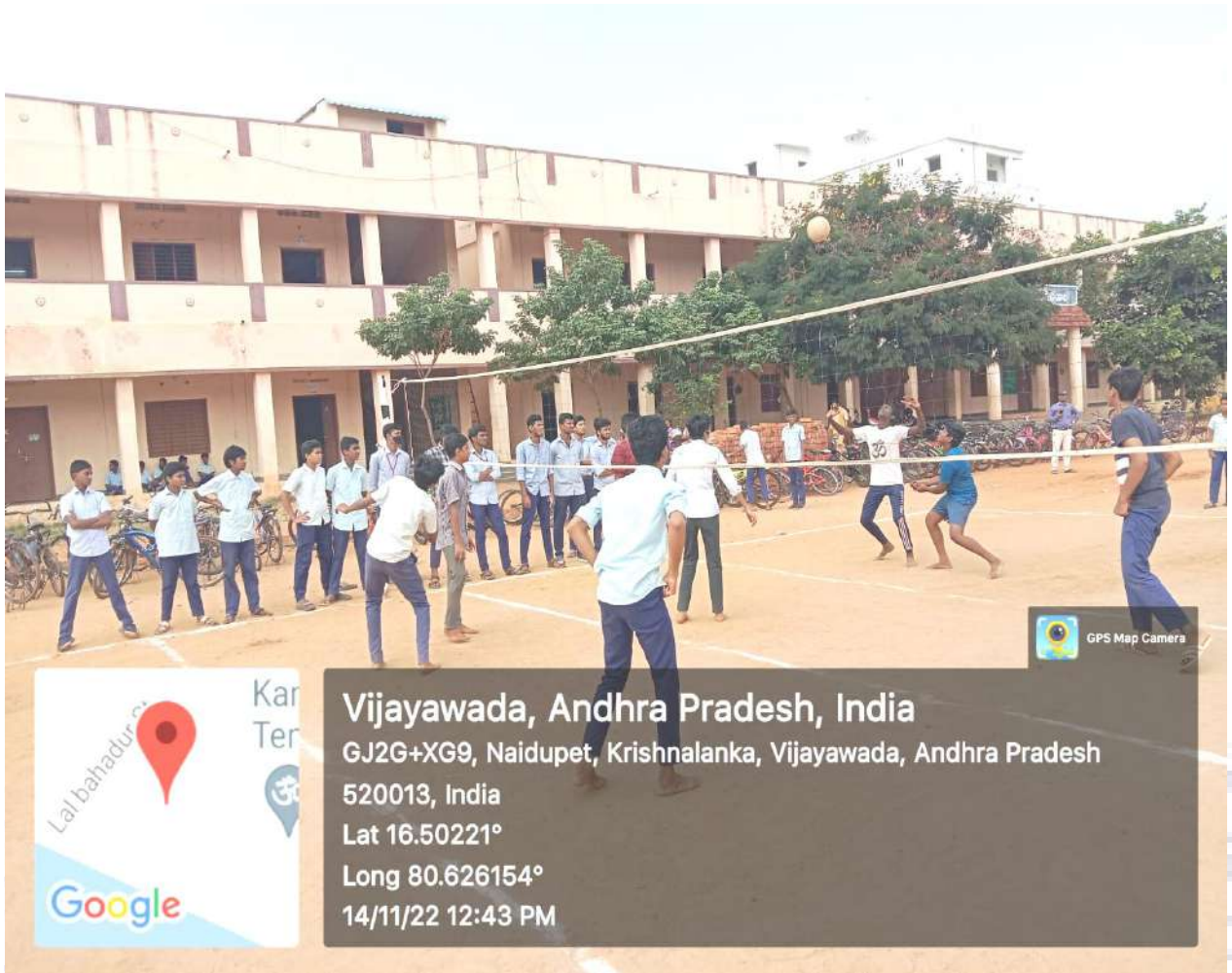




2. Extension programme on “Childrens Day Celebrations ”at APSRMCH school, Krishnalanka on 14-11-22:

Extension programme on “**Childrens Day Celebrations**” organized by Department of ECE at APSRMCH school, Krishnalanka, Vijayawada on **14-11-22** . Extension Coordinator Mr.A.Rajesh, Faculty from ECE Mr.K.Appala Raju along with III yr ECE students, have participated in this event .





Vijayawada, Andhra Pradesh, India
GJ2G+XG9, Naidupet, Krishnalanka, Vijayawada, Andhra Pradesh
520013, India
Lat 16.50221°
Long 80.626154°
14/11/22 12:43 PM



Vijayawada, Andhra Pradesh, India
GJ2G+QQG, Naidupet, Krishnalanka, Vijayawada, Andhra Pradesh
520013, India
Lat 16.501943°
Long 80.626947°
14/11/22 11:19 AM



2. Internship Program on “Smart Engineering for Better World ” from 22-08-22 to 25-11-22:

Internship Program on “Smart Engineering for Better World ” Organized by ECE Department in association with APSSDC, for BSc students of Andhra Loyola College(ALC),Vijayawada from 22-08-22 to 25-11-22.Mrs.B.Santhi Kiran,Associate Professor and Ms.S.Spandana, Assistant Professor acted as Coordinators for this Internship Program. Mrs.B.Santhi Kiran, Ms.S.Spandana, Mr.Md.Baig and Mr.G.Ravi, acted as Resource Persons.



4. One day Guest Lecture on “Broadcasting in 5G Era ” on 21-11-22 :

On the Occasion of World Television Day Celebrations, One day Guest Lecture on “Broadcasting in 5G Era ” organized by ECE Department in association with IETE Vijayawada Centre, Vijayawada for II year Students on 21-11-22 . Dr.Dharmana Ranganadham , Deputy Director General & Head of Doordarshan Kendra, Vijayawada, acted as Resource Person. Dr.B.Raja Shekar, Associate Professor, ECE Department, Gudlavalleru Engineering College , acted as Chief Guest. Mr.M.Rama Krishna, HOD ECE and Dr. O. Mahesh, Principal honored the Resource Person with Shawl.



ANDHRA LOYOLA INSTITUTE OF ENGINEERING & TECHNOLOGY
In association with
IETE VIJAYAWADA CENTRE, Vijayawada.

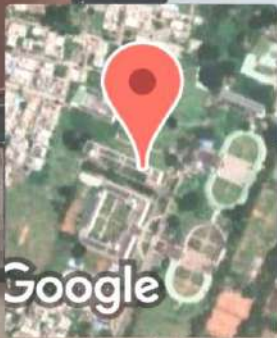
“A Guest Lecture On BROADCASTING IN 5G Era”
On the Occasion of **World Television Day Celebrations**



Chief Guest: Dr.B.Rajasekhar, Chairman IETE Vijayawada Centre
Resource Person: Dr. Dharmana Ranganadham
Deputy Director General & Head of Doordarshan Kendra, Vijayawada.

21st November 2022, Monday

Venue: Andhra Loyola Institute of Engineering & Technology, Vijayawada.



Vijayawada, Andhra Pradesh, India

Jayaprakash Nagar RP Towers, Christurajpuram, Jayaprakash Nagar, Vijayawada, Andhra Pradesh 520008, India

Lat 16.509424°

Long 80.658629°

21/11/22 03:55 PM GMT +05:30



Vijayawada, Andhra Pradesh, India

Jayaprakash Nagar RP Towers, Christurajpuram, Jayaprakash Nagar, Vijayawada, Andhra Pradesh 520008, India

Lat 16.50923°

Long 80.658598°

21/11/22 02:27 PM GMT +05:30



GPS Map Camera



Vijayawada, Andhra Pradesh, India

Jayaprakash Nagar RP Towers, Christhurajpuram, Jayaprakash Nagar, Vijayawada, Andhra Pradesh 520008, India

Lat 16.509303°

Long 80.658667°

21/11/22 02:45 PM GMT +05:30



GPS Map Camera



Vijayawada, Andhra Pradesh, India

Loyola College Vekateswara Nagar, Rd Number 5, Jayaprakash Nagar, Vijayawada, Andhra Pradesh 520008, India

Lat 16.509058°

Long 80.658627°

21/11/22 02:30 PM GMT +05:30



EVENTS IN THE DEPARTMENT OF ECE FOR THE MONTH OF DECEMBER 2022

1. **“Picnic” arranged to Kondaveedu Fort and Loyola Public School on 04-12-22:**

“Picnic” to Kondaveedu Fort, Palnadu district, Andhra Pradesh and Loyola Public School , Nallapadu Guntur, arranged by Management of ALIET for Staff on 04-12-22. Rev. Fr. Dr. A. Francis Xavier, S.J., Director, ALIET ; Rev. Fr.K.Ravindra, S.J., & Rev. Fr. Bala Swamy Assistant Directors of ALIET, Principal Dr. O. Mahesh have visited the places along with Staff.







2. A Two Day Work Shop On “PCB DESIGN” from 05-12-22 & 06-12-22 :

Two Day Workshop on “**PCB DESIGN**” organized by VLSI Research Group, Dr. A P J Abdul Kalam Research Forum, Dept. of ECE, ALIET in association with IETE Student Forum for II year ECE students from **05-12-22 to 06-12-22** . **Mr. V. GOVIND RAO**, Senior Design Engineer, MicroLink Technologies, Vijayawada., acted as Resource Persons.

Rev. Fr. Dr. A. Francis Xavier, S.J., Director, ALIET and Mr.M.Rama Krishna, HOD ECE are the Chief Guests for this Workshop. Mr.G. Ravi and Mr. A. Azeem, Assistant Professors are the Coordinators of this Workshop. Resource Person explained the Various steps of Designing a Circuit using PCB like Thinning, Art Work, Etching, Drilling, Placing the Components , Soldering and Testing the Result.







Andhra Loyola Institute of Engineering and Technology

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Institution



in association with

Institution of Electronics and Telecommunication Engineers



**Workshop on
PCB DESIGN
(5th – 6th December 2022)**

Chief Patron

Rev. Fr. P. Balashowry, S.J.
Rector, Andhra Loyola Institutions.

Chief Coordinator

Rev. Fr. Dr. A. Francis Xavier, S.J.,
Secretary & Director, ALIET.

Chairman

Dr. O. Mahesh
Principal, ALIET.

Patrons

Rev. Fr. D Balaswamy, S.J.,
Assistant Director, ALIET.

Rev. Fr. K. Ravindranath, S.J.,
Assistant Director, ALIET.

Convener

Mr. M Rama Krishna,
HOD, Dept. of ECE, ALIET.

Coordinators

Dr. Lakshmi Narayana Thalluri
Assoc. Professor, Dept. of ECE, ALIET.

Mr. G.Ravi
Asst. Professor, Dept. of ECE, ALIET

Mr.M.Rama Krishna
Assoc. Professor, Dept. of ECE, ALIET

Mr. A.Azeem
Asst. Professor, Dept. of ECE, ALIET

Mrs. D.Hepzibha Rani
Asst. Professor, Dept. of ECE, ALIET

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Cordially invite you to the inaugural of

Workshop

On

“**PCB DESIGN**”

5th – 6th December, 2022.

Organized By

Dr. A P J Abdul Kalam Research Forum,
Dept. of ECE, ALIET.

In association with

Institution of Electronics and Telecommunication Engineers
(IETE)

Resource Person

V.GOVIND RAO M.Tech
Senior Design Engineer , Micro link technologies,
Vijayawada

Venue

**ALIET- Ground North Seminar Hall
(GNSH)**

INAUGURATION TIME

9:30 AM



3. Internship on “MATLAB” started from 07-12-22 :

Internship Program on “**MATLAB**” Organized by ECE Department , for BSc students of Andhra Loyola College(ALC),Vijayawada from 07-12-22 to 05-03-23.Mr.Md.Baig, Mr.G.Roopa Krishna Chandra and Mr.P.Bose Babu, Assistant Professors acted as Coordinators & Resource Persons for this Internship Program..





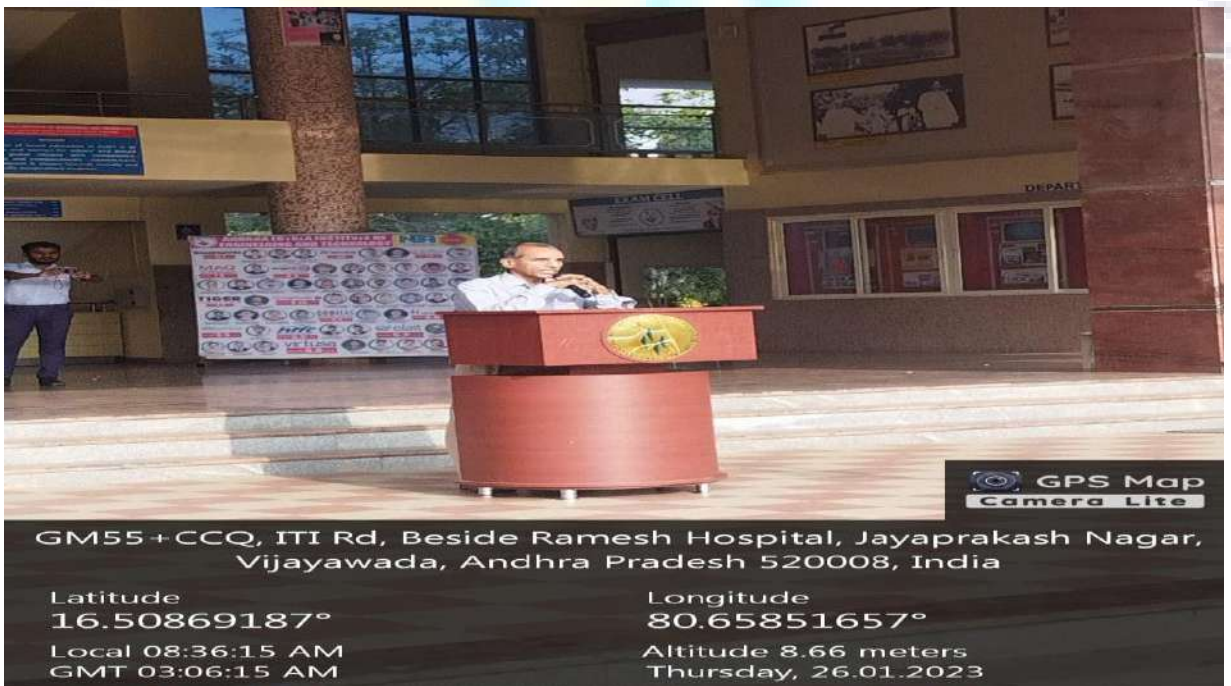
4. Christmas Celebrations on 23-12-22 :



EVENTS IN THE DEPARTMENT OF ECE FOR THE MONTH OF JANUARY 2023

1. Republic Day Celebrations on 26-01-23 :

Dr.S.Mallikharjuna Rao, Associate Professor, ECE , hoisted the Flag on 26-01-23.



GM55+CCQ, ITI Rd, Beside Ramesh Hospital, Jayaprakash Nagar,
Vijayawada, Andhra Pradesh 520008, India

Latitude
16.50869187°
Local 08:36:15 AM
GMT 03:06:15 AM

Longitude
80.65851657°
Altitude 8.66 meters
Thursday, 26.01.2023



2. Cricket Match with IV year students on 29-01-23 :

Cricket Match was arranged between Staff and Students of 4th yr at ALIET Ground on 29-01-23.





3. Farewell to Mr.B.Srinivas,Technician on 31-01-23 :



EVENTS IN THE DEPARTMENT OF ECE FOR THE MONTH OF FEBRUARY 2023

1. Appreciation Certificate on “IETE Student’s Day Celebrations-23” at St. Ann’s College of Engineering and Technology on 01-02-23 :

Appreciation Certificate is presented by Dr.B.Raja Sekhar, Chairman, IETE Vijayawada Center to **Mr.G.Ravi**, Assistant Professor and IETE Coordinator, ECE Department, ALIET on “IETE Student’s Day Celebrations-23” at St. Ann’s College of Engineering and Technology on 01-02-23.





**THE INSTITUTION OF ELECTRONICS AND
TELECOMMUNICATION ENGINEERS**

VIJAYAWADA CENTRE, VIJAYAWADA

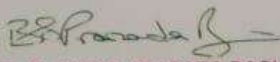
CERTIFICATE OF APPRECIATION

IETE STUDENT'S DAY CELEBRATIONS - 2023

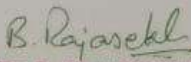
1st FEBRUARY 2023

The ISF Chapter of ANDHRA LOYOLA INSTITUTE OF ENGINEERING &
TECHNOLOGY, VIJAYAWADA.

College under IETE Vijayawada Centre is presented with
APPRECIATION CERTIFICATE for their performance in the calendar
year 2022.


(Dr. B. SURYA PRASADA RAO)
Hon. Treasurer
IETE Vijayawada Centre


(Dr. SUJITH KALLURI)
Hon. Secretary
IETE Vijayawada Centre


(Dr. B. RAJASEKHAR)
Chairman
IETE Vijayawada Centre

2. Chief Guest for “Azura 2K23 ” at RKCE on 04-02-23 :

Mr.M.Rama Krishna, HOD ECE , ALIET, acted as Chief Guest for the One Day National Technical Symposium “Azura 2K23 ” Organized at **RK** College of Engineering, Ibrahimpatnam, Vijayawada on 04-02-23.



2. One day Guest Lecture on “A Talk on Experiences & Opinions on Future Education ” on 10-02-23 :

One day Guest Lecture on “A Talk on Experiences & Opinions on Future Education ” organized by ECE Department in association with IETE Student Forum for IV year Students on 10-02-23 . **Prof. K.Dharma** , Adjunct Professor in University of Minnesota,USA, acted as Resource Person. Rev. Fr. Dr. A. Francis Xavier, S.J., Director, ALIET , acted as Chief Guest. Mr.M.Rama Krishna,HOD ECE , Mr.A.Azeem and Mr.G.Ravi, coordinators of this event honored the Resource Person with Shawl.





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Chief Patron

Rev. Fr. P. Balashowry, S.J.,
Rector, Andhra Loyola Institutions.

Chief Coordinator

Rev. Fr. Dr. A. Francis Xavier, S.J.,
Secretary & Director, ALIET.

Chairman

Dr. O. Mahesh
Principal, ALIET.

Patrons

Rev. Fr. D Balaswamy, S.J.,
Assistant Director, ALIET.

Rev. Fr.K.Ravindra, S.J.,
Assistant Director, ALIET.

Convener

Mr. M Rama Krishna,
HOD, Dept. of ECE, ALIET.

Coordinators

Mr.M.Rama Krishna
Asst. Professor, Dept.of ECE, ALIET.

Mr.G.Ravi
Asst. Professor, Dept. of ECE, ALIET

Mr.A.Azeem
Asst. Professor, Dept. of ECE, ALIET

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Cordially invite you to the inaugural of

**“A Talk on Experiences & Opinions
on Future Education”**

Resource person: Prof.Dharma.Kodali
(Adjunct prof in University of Minnesota,USA)

Organized By

Dept. of ECE, ALIET.

In association with
IETE Student Forum.

Venue

North Seminar Hall

INAUGURATION DATE & TIME

10th Feb 2023 & 10:30 AM

With Regards,

Head of the Department,
Electronics and Communication Engineering, ALIET.

2. A Two Day Work Shop On “MACHINE LEARNING” from 24-02-23 & 25-02-23 :

Two Day Workshop on “**MACHINE LEARNING**” organized by VLSI Research Group, Dr. A P J Abdul Kalam Research Forum, Dept. of ECE, ALIET in association with IETE Student Forum for II year ECE students from **24-02-23 & 25-02-23** . **Mr.R.Upender Rao and SK.Ashraf Ali**, Senior Executive Engineers of Chip Electronics, acted as Resource Persons.

Rev. Fr.K.Ravindra, S.J., Assistant Director of ALIET and Mr.M.Rama Krishna, HOD ECE are the Chief Guests for this Workshop. Mr.G. Ravi, Mr. A. Azeem and Mrs.D.Hepzibha Rani Assistant Professors are the Coordinators of this Workshop.

Andhra Loyola Institute of Engineering and Technology

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in association with
Institution of Electronics and Telecommunication Engineers



A Two day Workshop on
MACHINE LEARNING
(24th – 25th FEB2023)

Chief Patron

Rev. Fr. P. Balashowry, S.J.,
Rector, Andhra Loyola Institutions.

Chief Coordinator

Rev. Fr. Dr. A. Francis Xavier, S.J.,
Secretary & Director, ALIET.

Chairman

Dr. O. Mahesh
Principal, ALIET.

Patrons

Rev. Fr. D Balaswamy, S.J.,
Assistant Director, ALIET.

Rev. Fr.K.Ravindranath, S.J.,
Assistant Director, ALIET.

Convener

Mr. M Rama Krishna,
HOD, Dept. of ECE, ALIET.

Coordinators

Dr. Lakshmi Narayana Thalluri
Assoc. Professor, Dept. of ECE, ALIET.

Mr. G.Ravi
Asst. Professor, Dept. of ECE, ALIET

Mr. A.Azeem
Asst. Professor, Dept. of ECE, ALIET

Mrs. D.Hepzibha Rani
Asst. Professor, Dept. of ECE, ALIET

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Cordially invite you to the inaugural of

A Two Day Workshop

On

“MACHINE LEARNING”

24th – 25th FEB, 2023.

Organized By

Dr. A P J Abdul Kalam Research Forum,
Dept. of ECE, ALIET.

In association with

Institution of Electronics and Telecommunication Engineers
(IETE Vijayawada center)

Resource Persons

R. Upender Rao, sr.executive engineer,

SK.Ashraf Ali, sr.executive engineer.

Venue

North Seminar Hall (NSH)

INAUGURATION TIME

9:30 AM





vivo S1 Pro
48MP AI Quad Camera

2023.02.24 09:58



vivo S1 Pro
48MP AI Quad Camera

2023.02.24 09:48



vivo S1 Pro
48MP AI Quad Camera

2023.02.24 09:47





మెషీన్ లెర్నింగ్పై అవగాహన సదస్సు



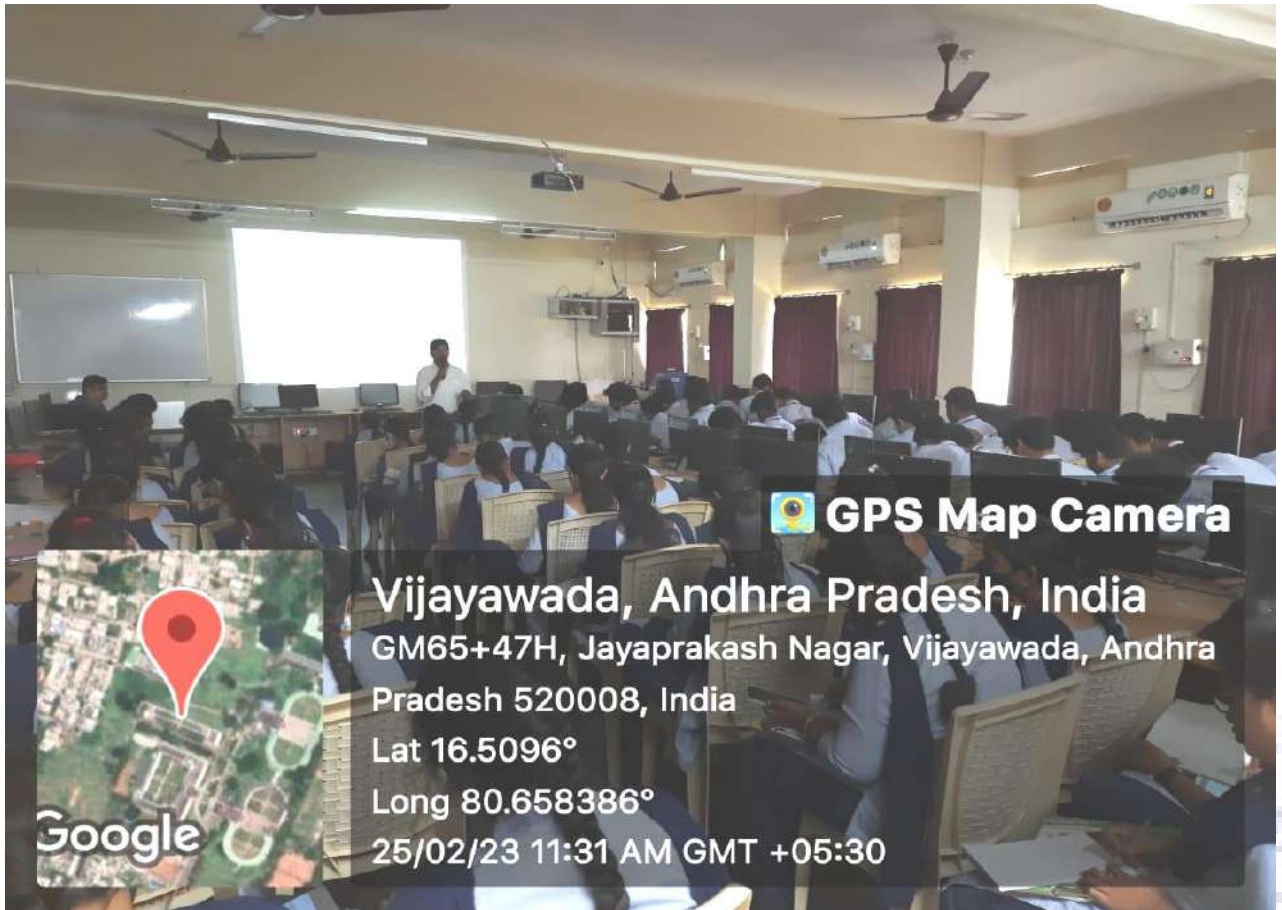
జ్యోతి ప్రజ్వలన చేస్తున్న ఉపేంద్రరావు, ఫాదర్ రవీంద్ర

గుణదల(విజయవాడతూర్పు): విద్యార్థులు వైజ్ఞానిక అంశాలపై అవగాహన కలిగి ప్రతిభావంతులుగా ఎదగాలని చిప్. ఎలక్ట్రానిక్స్ సీనియర్ ఎగ్జిక్యూటివ్ ఇంజనీర్ ఉపేంద్రరావు అన్నారు. ఆంధ్రలయోల ఇంజనీరింగ్ కళాశాలలో రెండు రోజులుగా జరుగుతున్న మెషీన్ లెర్నింగ్ వర్క్ షాప్ శనివారంతో ముగిసింది. ఈ కార్యక్రమానికి ముఖ్య అతిథిగా

హాజరైన ఆయన మాట్లాడుతూ.. ఇంజనీరింగ్ విద్యార్థులు ఆధునిక టెక్నాలజీపై అవగాహన కలిగి ఉండాలన్నారు. ప్రస్తుతం టెక్నాలజీ రంగంలో వస్తున్న మార్పులకు అనుగుణంగా కరెంట్ ఎఫైర్స్ను తెలుకోవాలని సూచించారు. మెషీన్ లెర్నింగ్ వంటి సదస్సుల ద్వారా విద్యార్థులకు సంబంధిత అంశాలపై అవగాహన పెరుగుతుందని చెప్పారు.

విశ్లేషణాత్మక అవగాహన..

కళాశాల అసిస్టెంట్ డైరెక్టర్ ఫాదర్ బాలస్వామి మాట్లాడుతూ.. విద్యార్థులు సిద్ధాంతపరమైన అంశాలను ప్రయోగాత్మకంగా తెలుసుకోవాలని పేర్కొన్నారు. మార్కులే పరమావధిగా కాకుండా ఆయా అంశాలపై విశ్లేషణాత్మకంగా అవగాహన పెంచుకోవాలని వివరించారు. అనంతరం మెషీన్ లెర్నింగ్పై ప్రసంగించారు. కార్యక్రమంలో ఈసీఈ విభాగాధిపతి రామకృష్ణ, అసిస్టెంట్ డైరెక్టర్ ఫాదర్ రవీంద్ర, అధ్యాపకులు, విద్యార్థులు పాల్గొన్నారు.



EVENTS IN THE DEPARTMENT OF ECE FOR THE MONTH OF MARCH 2023

1) Alumni Meet “ANUBANDH 2k22-23” on 04-03-23 :

Alumni Meet “ANUBANDH-2k22-23” was organized by Department of ECE on 04-03-23. Old Students of ALIET , have participated in Alumni Meet and shared their views about recent technologies available in the Industries. Dr.S.Mallikharjuna Rao, Mr.A.Azeem, and Mrs.Santhi Kiran acted as Staff Coordinators for the Alumni Meet. Mr.M.Rama Krishna,HOD ECE addressed the Alumni students.



**ANDHRA LOYOLA
INSTITUTE OF ENGINEERING AND TECHNOLOGY**

(Approved by AICTE, New Delhi & Affiliated to JNTUK ,An ISO 9001:2008 Certified Institution)

Accredited by NAAC A+ & NBA

DEPT OF ECE
Invites You To
ANUBANDH **2K22-23**

A Never Undo Bond Of ALIET Near & Dear Huddle
ALUMNI MEET
ON
04 MAR-2023
@ 10:00 AM Onwards....



In The Honorable Presence of
Rev.Fr.Dr.A.Francis Xavier,S.J Director

Dr.O.Mahesh Principal		Rev.Fr.D.Balaswamy,S.J Asst.Director
Rev.Fr.K.Ravindra,S.J Asst.Director		M.Rama Krishna HOD,ECE Ph.no:- 9491824780

STAFF & STUDENTS

Mr.Abdul Azeem
Asst.Professor
Ph.No:- 9505571281

VENUE:- ALIET ECE SEMINAR HALL



2) “Graduation Party ” on 09-03-23 :





THE CLASS OF 2019-2023
INVITES YOU TO THE
Graduation Party

DATE: 9.3.23
VENUE: NORTH SEMINAR HALL
TIMINGS: 4:00 PM - 6:00 PM





3) "PROJECT EXPO 2K22-23" on 18-03-23:

"Project Expo 2023", organized by Signal Processing Research group, Dr. A P J Abdul Kalam Research Forum, Dept. of ECE, ALIET on 18-03-23. IV ECE students explained their projects to Guests, Faculty and 3rd yr & 2nd yr students. ECE 1 and ECE 2 students explained results of their Projects. Department Project Coordinators Dr.T.Lakshmi Narayana, Associate Professor, Mr.Md.Baig Mohammad. Mr.G.Vijay Kumar and Mr. Y Pavan Kumar, Assistant Professors, coordinated this event.





GPS Map Camera



Vijayawada, Andhra Pradesh, India
GM65+47H, Jayaprakash Nagar, Vijayawada,
Andhra Pradesh 520008, India
Lat 16.509104°
Long 80.658522°
18/03/23 01:55 PM GMT +05:30

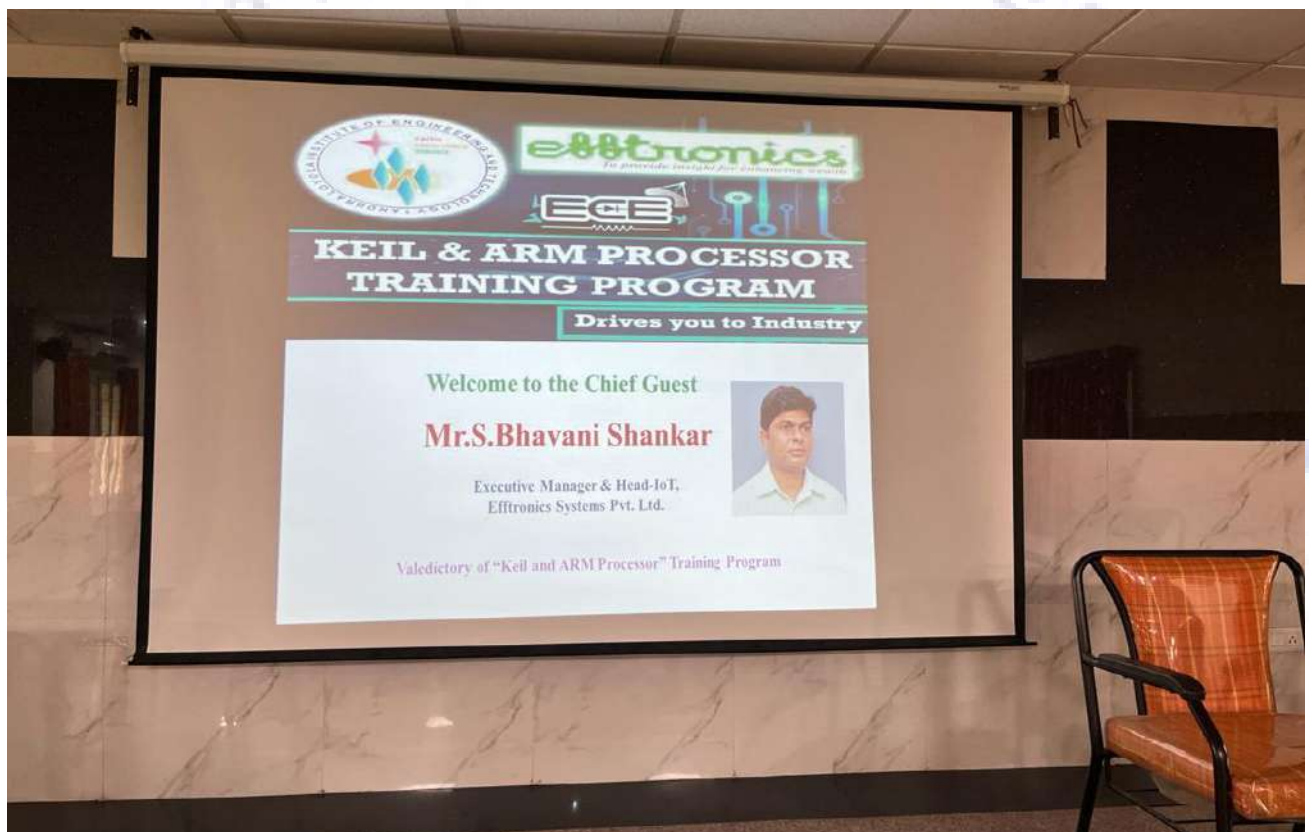




4) Valedictory of Industrial Training Program on “Keil and ARM Processors” on 23-03-23 :

Valedictory of Seven Months Industrial Training Program on “**Keil and ARM Processors**”, from 16-08-22 to 23-03-23 organized by ECE Department . **Mr.S.Bhavani Shankar**, Executive Manager & Head-IoT, **Efftronics** Systems Pvt. Ltd., acted as Resource Person.

Rev. Fr. D Balaswamy, S.J., Assistant Director of ALIET, Dr.O.Mahesh, Principal and Mr.M.Rama Krishna, HOD ECE are the Guests for this Training Program. Mr.M.Rama Krishna and Mr.G.Vijay Kumar, Assistant Professors are the Coordinators of this Training Program. . 45 students have attended this training program.





LOYALA INSTITUTE OF ENGINEERING AND TECHNOLOGY
FAITH
EXCELLENCE
SERVICE

eBtronics
To provide insight for enhancing wealth

ECE

KEIL & ARM PROCESSOR TRAINING PROGRAM

Drives you to Industry

ALIET & Efftronics Systems Pvt Ltd Collaboratively Offer :

- The High quality practical/ application oriented training
- Industry Accepted course content
- Internship certificate

Training process

TRAINING PROGRAM

- C LANGUAGE
- SENSOR SYSTEMS
- DIGITAL ELECTRONICS
- LPC1769 MICRO CONTROLLER

- Advanced but simple course content
- Proven Methodology
- 6-Days a Week(60 to 90 minitues)Modulewise theory & assignments.

5) **“Alumni Interaction”** with 3rd year students. on **27-03-23** :

Mr Yashwanth kumar(17HP1A0455), Alumni of this college , have interacted with 3rd year students of all branches. He came to college to spread awareness on the **Infosys Spring Board** to the students..







6) “Industry Institute Interaction” at Efftronics Systems Pvt. Ltd. on 27-03-23 :

Efftronics Systems Pvt. Ltd ,came forward to establish a Lab on IoT worth 15 Lakhs in our college. Mr.M.Rama Krishna,HOD ECE , Mr.M.Rama Krishna and Mr.G.Vijay Kumar, Assistant Professors have attended a meeting at **Efftronics** Systems Pvt. Ltd,Mangalagiri,Guntur Dt. On 27-03-23.

Rev. Fr. Dr. A. Francis Xavier, S.J., Director, ALIE and Principal Dr. O. Mahesh, have appreciated the efforts of ECE Department .





EVENTS IN THE DEPARTMENT OF ECE FOR THE MONTH OF APRIL 2023

1) One day Guest Lecture on “Design of Advanced Circular Polarized Antennas for Wideband and Multiband Applications ” on 04-04-23 :

One day Guest Lecture on “**Design of Advanced Circular Polarized Antennas for Wideband and Multiband Applications**”, organized by Communications Research Group, Dr. A P J Abdul Kalam Research Forum, Dept. of ECE, ALIET on 04-04-23. **Prof. R.Ramana Reddy,HOD, ECE,JNTUA College of Engineering,Pulivendula**, acted as Resource Person . Rev. Fr. Bala Swamy Assistant Directors of ALIET and Mr.M.Rama Krishna,HOD ECE, acted as Guest of Honour for the Program.

Dr.S.Mallikharjuna Rao ,Assoc. Professor, Mr.M.Rama Krishna ,Mr.G.Vijay Kumar and K.Appala Raju Assistant Professors are the Coordinators of this Program.

Andhra Loyola Institute of Engineering and Technology

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A Guest Lecture on Design of Advanced Circular Polarized Antennas for Wideband and Multiband Applications

On 04-04-2023

Chief Patron

Rev. Fr. P. Balashowry, S.J.,
Rector, Andhra Loyola Institutions.

Chief Coordinator

Rev. Fr. Dr. A. Francis Xavier, S.J.,
Secretary & Director, ALIET.

Chairman

Dr. O. Mahesh
Principal, ALIET.

Patrons

Rev. Fr. D Balaswamy, S.J.,
Assistant Director, ALIET.

Rev. Fr. K. Ravindra, S.J.,
Assistant Director, ALIET.

Convener

Mr. M Rama Krishna,
HOD, Dept. of ECE, ALIET.

Coordinators

Dr. S. Mallikharjuna Rao
Assoc. Professor, Dept. of ECE, ALIET.

Mr. M. Rama Krishna
Asst. Professor, Dept. of ECE, ALIET.

Mr. G. Vijaya Kumar
Asst. Professor, Dept. of ECE, ALIET.

Mr. K. Appala Raju
Asst. Professor, Dept. of ECE, ALIET.

DEPARTMENT OF

ELECTRONICS AND COMMUNICATION
ENGINEERING

Cordially invite you to the inaugural of

One Day Guest lecture

On

“Design of Advanced Circular
Polarized antennas for Wideband and
Multiband Applications”

Organized By

Dept. of ECE, ALIET.

Resource Person

Prof. R. Ramana Reddy

JNTUA College of Engineering, Pulivendula

Venue

NORTH SEMINAR HALL (NSH)

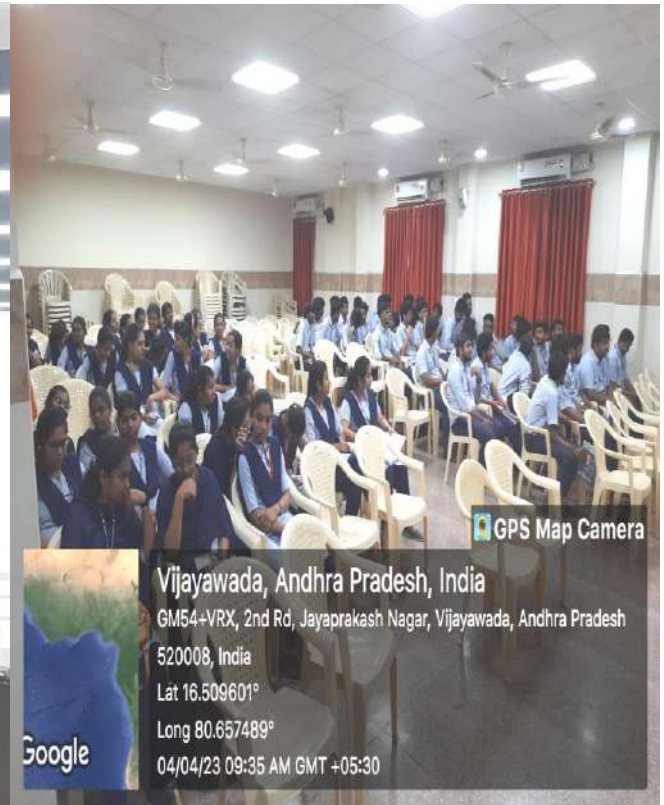
INAUGURATION DATE & TIME

4th April 2023 & 9:30 AM

With Regards,
Head of the Department,
Electronics and Communication Engineering, ALIET.







ANDHRA LOYOLA INSTITUTE OF ENGINEERING & TECHNOLOGY
Accredited by NAAC & NBA, Affiliated to JNTUK Kakinada
An ISO 9001:2015 Certified Institution, Vijayawada, Andhra Pradesh-520008
Department of Electronics and Communication Engineering

CIRCULAR

Date: 03/04/2023,
Vijayawada

All Students of Dept. of E.C.E are hereby informed that department is organizing One Day Guest Lecture for III year ECE Students on "**Design of Advanced Circular Polarized antennas for Wideband and Multiband Applications**" in collaboration with IETE. All the III ECE Students must have to attend the seminar in **North Seminar Hall (NSH)** at 9:30AM on **04-04-2023** (Tuesday). Any queries regarding this consult with Head of the department E.C.E.

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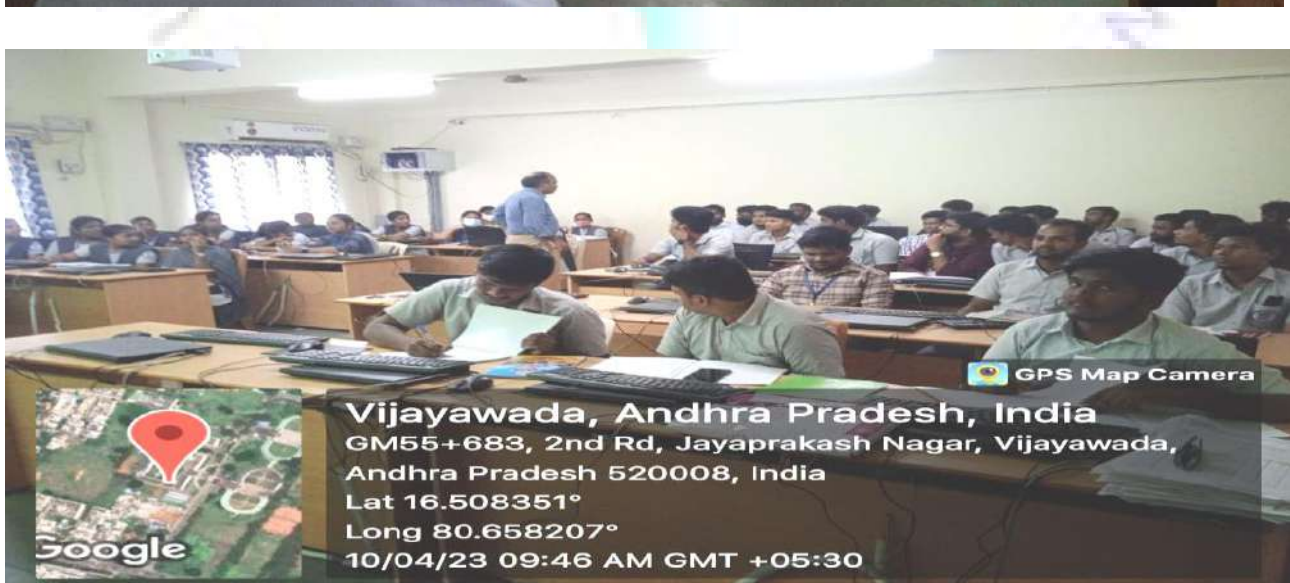
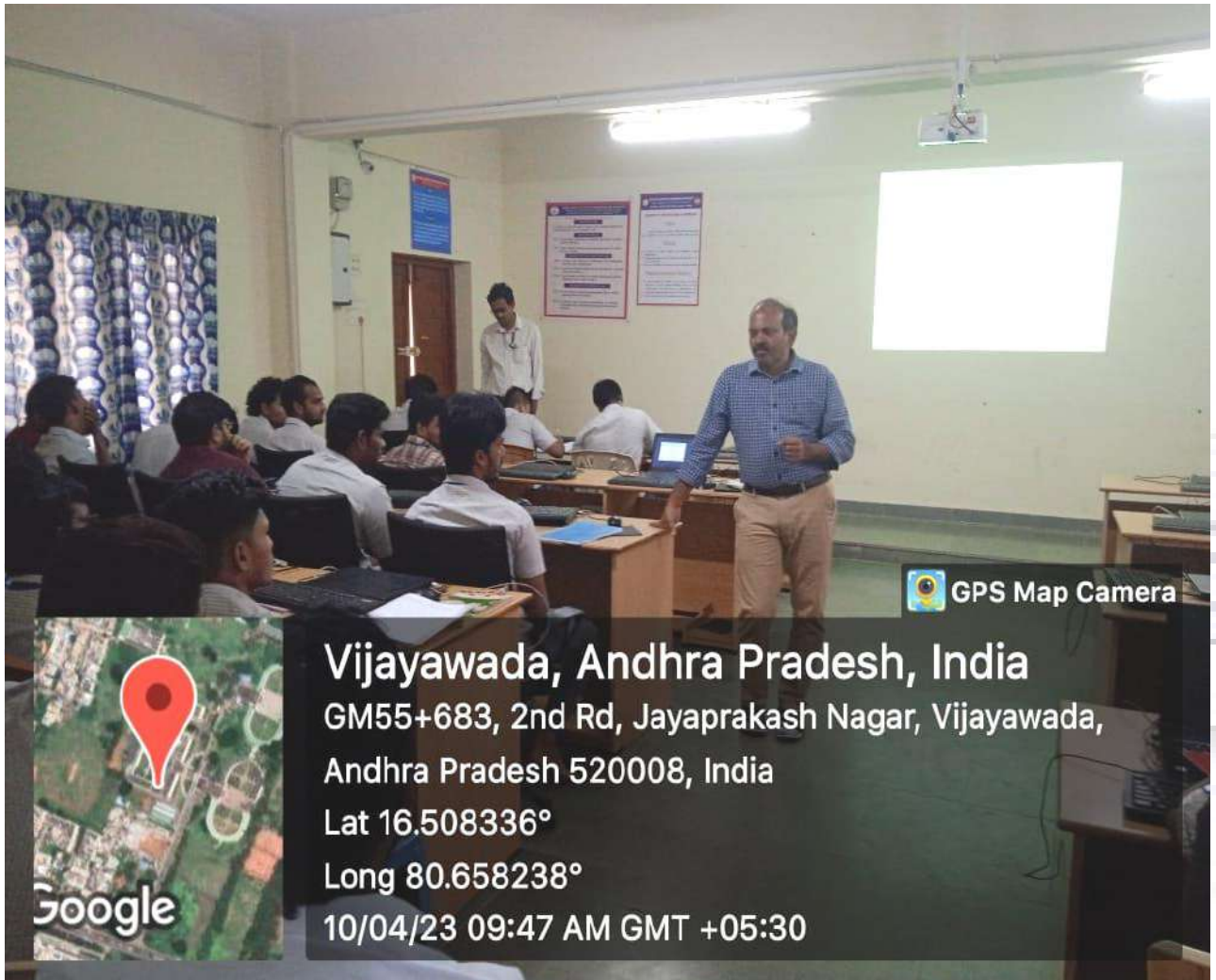
1. All the faculty members of department of ECE.
2. III ECE-I & II Class

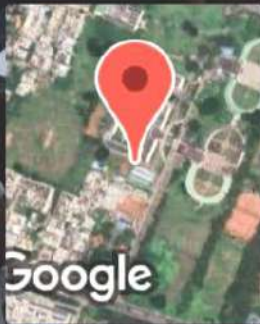

Signature of HOD


2) Valedictory of Internship Program on “MATLAB” on 13-04-23 :

Valedictory of Four Months Internship Program on “**MATLAB**” Organized by ECE Department , for BSc students of Andhra Loyola College(ALC),Vijayawada from 07-12-22 to 13-04-23.

Mr.Md.Baig, Mr.G.Roop Krishna Chandra and Mr.P.Bose Babu, Assistant Professors acted as Coordinators & Resource Persons for this Internship Program. Mr.M.Rama Krishna,HOD ECE acted as the Chief Guest for this Valedictory Function.





 **GPS Map Camera**
Vijayawada, Andhra Pradesh, India
 GM55+683, 2nd Rd, Jayaprakash Nagar, Vijayawada,
 Andhra Pradesh 520008, India
 Lat 16.508194°
 Long 80.658213°
 10/04/23 09:48 AM GMT +05:30

3) One day Seminar on “**Career Opportunities after Graduation** ” on **17-04-23** :

One day Seminar on “**Career Opportunities after Graduation**”, organized by Department of ECE, ALIET on 17-04-23 for 2nd yr and 3rd yr Students. **Mr.Prateek Mishra** from **IMS Gate Academy**, acted as Resource Person . Mr.M.Rama Krishna, HOD ECE, acted as Chief Guest for the Program.



SEMINAR CAREER OPPORTUNITIES after Graduation

 **Monday, 17th April | 11 am**

 **Andhra Loyola Institute of Engineering & Technology
Dept. of Electronics & Communication Engg.**



www.imsindia.com/gate

Free Session by
Mr. Prateek Mishra
M.Tech - SVNIT, Surat
GATE AIR 533

Register Now

 **8978999986**





4) Two Day Industrial Visit to “Incap Limited” ,Nidamanuru From 25-04- 23 to 26-04- 23:

Two Day Industrial Visit to “**Incap Limited**” ,Nidamanuru,Vijayawada is orgnaized by Department of ECE for II B.Tech Students Division 1 & 2 (25-04- 23 & 26-04- 23) ,.Students gained a real time exposure to how many stages an Capacitor is undergoing and it’s manufacturing process.

Mr. Y. Pavan Kumar , Mr.A.Azeem, Mr.G.Vijay Kumar and Mrs. D.Hepzibha Rani Assistant Professors have accompanied with the students.







**Andhra Loyola Institute of Engineering and Technology
Vijayawada-8
Department of Electronics & Communication Engineering**

Departmental Annual Report (EVENTS CONDUCTED)

A.Y.: 2022-23

WORKSHOPS / CONFERENCES/ INTERNSHIP PROGRAMS:

S.No	Date	Title of the Workshop	Resource Person(s)	Institute/ College
1	16-08-22 to 16-11-22	Inaugural of Industrial Training Program On “Keil and ARM Processors”	Mr.M.Rama Krishna, Assist. Professor Mr.G.Vijay Kumar, Assist. Professor	ALIET
2	22-08-22 to 25-11-22	Internship Program on “Smart Engineering for Better World” for B.Sc students of ALC	Mrs.B.Santhi Kiran, Assoc. Professor Ms.S.Spandana, Assist. Professor Mr.Md.Baig, Assist. Professor And Mr.G.Ravi, Assist. Professor	ALIET
3	22-09-2022 to 24-09-2022	Three day workshop on “RF Antenna Design using HFSS”	Dr. C.Subba Rao , Professor &HOD, Dept. of ECE, PVPSIT,Vijayawada Dr.B.T.P Madhav , Professor and Director R&D., Dept. of ECE, KLEF (Deemed to be University), Guntur.. Dr. M.VENKATESWARA RAO, Asst. Professor, Dept. of ECE, PITS, ONGOLE.	ALIET
4	05-12-22 & 06-12-22	Two Day Workshop on “PCB DESIGN”	Mr. V. GOVIND RAO, Senior Design Engineer, MicroLink Technologies, Vijayawada	ALIET
5	07-12-22	Internship Program on “MATLAB” for ALC Students	Mr.Md.Baig, Assist. Professor Mr.G.Roopaa Krishna Chandra , Assist. Professor and Mr.P.Bose Babu, Assist. Professor	ALIET

6	24-02-23 & 25-02-23	Two Day Workshop on “MACHINE LEARNING”	Mr.R.Upender Rao and SK.Ashraf Ali, Senior Executive Engineers of Chip Electronics,	ALIET
7	24-03-23	Valedictory of Industrial Training Program On “Keil and ARM Processors”	Mr.M.Rama Krishna, Assist. Professor, Mr.G.Vijay Kumar, Assist. Professor Chief Guest: Mr.S.Bhavani Shankar, Executive Manager & Head-IoT, Efftronics Systems Pvt. Ltd.	ALIET
8	13-04-23	Valedictory of Internship Program on “MATLAB” for ALC Students	Mr.Md.Baig, Assist. Professor Mr.G.Roopa Krishna Chandra, Assist. Professor and Mr.P.Bose Babu, Assist. Professor	ALIET

SEMINARS/ GUEST LECTURES :

S.No	Date	Title of the Seminar/ Guest Lecture	Resource Person	Institute/ College
1	29-08-22	One Day Guest Lecture on “Telugu Language Day”	Dr.G.Rejina , Reader,	Maris Stella College, Vijayawada
2	15-09-22	One Day Guest Lecture on “Smart Engineering for a better world”	Sri.B.Sambi Reddy, Chief Engineer,	Efftronics Systems Pvt. Limited, Manglagiri
3	21-11-22	One day Guest Lecture on “Broadcasting in 5G Era ”	Dr. Dharmana Ranganadham , Deputy Director General & Head	Doordarshan Kendra, Vijayawada.
4	10-02-23	One day Guest Lecture on “A Talk on Experiences & Opinions on Future Education ”	Prof. K.Dharma Adjunct Professor in University of Minnesota,USA	University of Minnesota, USA
5	04-04-23	One day Guest Lecture on “Design of Advanced Circular Polarized Antennas for Wideband and Multiband Applications”	Prof. R.Ramana Reddy, HOD, ECE	JNTUA College of Engineering, Pulivendula
6	17-04-23	One day Seminar on “Career Opportunities after Graduation ”	Mr.Prateek Mishra	IMS Gate Academy

EXTENSION ACTIVITIES:

S.No	Date	NAME OF THE ACTIVITY	Institute/ College attended	No. of Students attended
1	05-07-22	Extension programme on “Vana mahotsavam”	Gandhiji High School, One Town, Vijayawada	20
2	24-08-22	Extension Program on “Drive Safe: A Technical talk on Electronics in Automobiles”	Mr.N.Amar Kumar, Driving School Manager, Maruti Suzuki, Varun Motors, Vijayawada	120
3	14-11-22	Extension programme on “Childrens Day Celebrations ”	APSRMCH school, Krishnalanka, Vijayawada	50

DEPARTMENT EVENTS:

S.No	Date	Title of the EVENT	Coordinators /Resource Person(s)	Institute/ College
1	04-03-23	Alumni Meet “ANUBANDH 2k22-23”	Mr.M.Rama Krishna, HOD,ECE Dr.S.Mallikharjuna Rao Assoc. Professor Mrs.B.Santhi Kiran, Assoc. Professor Mr.A.Azeem, Assist. Professor	ALIET
2	09-03-23	Graduation Party	IV ECE Students	ALIET
3	18-03-23	PROJECT EXPO	Dr.T.Lakshmi Narayana, Assoc. Professor Mr.Y.Pavan Kumar, Assist. Professor Mr.Md.Baig Mohammad, Assist. Professor Mr.G.Vijay Kumar, Assist. Professor	ALIET
4.	27-03-23	“Alumni Interaction” with 3 rd year students.	Mr.Yaswanth, (!7HP1A0455) Infosys , Bangalore	ALIET

INDUSTRIAL VISITS/ INDUSTRY INTERACTION :

S.No	Date	INDUSTRY VISITED	Faculty Accompanied	No. of Students / Faculty attended
1	22-09- 2022 to 23-09- 2022	Two Day Industrial Visit to “Eurth Techtronics”	Mr. Y. Pavan Kumar , Assist. Professor Mrs. D.Hepzibha Rani, Assist. Professor	120 (III ECE – 1&2)
2	08-10- 2022	Bluetooth Project Review meeting with Efftronics team at Efftronics, Mangalagiri ,Guntur District	Dr.T.Lakshmi Narayana , Assoc. Professor Dr.S.Mallikharjuna Rao , Assoc. Professor Mr. Y. Pavan Kumar, Assist. Professor and Mr.K.Appala Raju Assist. Professor	4
3	19-10- 2022	ARM processors Project Review meeting with Efftronics team at Efftronics, Mangalagiri ,Guntur District	Mr.M.Rama Krishna, Assist. Professor Mr.G.Vijay Kumar, Assist. Professor Mr.K.Srinivasa Rao Assist. Professor and Mr.G.Roopa Krishna Chandra , Assist. Professor	4
4.	27-03-23	“Industry Institute Interaction” at Efftronics Systems Pvt. Ltd.	Mr.M.Rama Krishna, HOD,ECE Mr.M.Rama Krishna, Assist. Professor, Mr.G.Vijay Kumar, Assist. Professor	3
5.	25-04- 23 to 26-04- 23	Two Day Industrial Visit to “ Incap Limited ” , Nidamanuru	Mr. Y. Pavan Kumar , Assist. Professor Mr.G.Vijay Kumar, Assist. Professor Mr.A.Azeem and , Assist. Professor Mrs. D.Hepzibha Rani, Assist. Professor	122 (II ECE – 1&2)

FACULTY DEVELOPMENT PROGRAMS (FDP)

S.No	Date	TOPIC	Speakers	LOCATION
1	19-09-22 to 23-09-22	Five day Online FDP on “VLSI Devices and Circuits for AI Applications”	Dr. S S Gill NITTTR, Chandigarh Dr Santosh Kumar, IIT, Indore Dr. K. Srinivasa Rao , KL University AP Dr. Tanu , IIIT ,Una Dr Bibhas Ghoshal, IIIT, Allahabad Dr. Amandeep Kaur, Central University, Bathinda	ALIET (Online)

Students Placed in various Companies for A.Y. 2022-23 :

S.No.	Roll Number	Name of the Student	Name of the Company	Package(Per Annum)
1	19HP1A0424	Sai Bhargavi G	247.ai	2.4
2	20HP5A0403	A Venkata Madhavi	247.ai	2.4
3	19HP1A0488	Venkata Swetha M	247.ai	2.4
4	19HP1A0417	Pondugula Nikitha Reddy	247.ai	2.4
5	19HP1A0426	A sridivya	247.ai	2.4
6	19HP1A0425	Srinidhi R	247.ai	2.4
7	19HP1A0467	Syed Afsha	247.ai	2.4
8	19HP1A0490	Kunche Yamuna	247.ai	2.4
9	20HP5A0404	B Vineesha	247.ai	2.4
10	19HP1A0464	K Vamsi	247.ai	2.4
11	19HP1A0415	Nandini Reddy	247.ai	2.4
12	19HP1A0428	Vennala D	247.ai	2.4
13	19HP1A0412	Gollamudi keerthi sree	Ahex Technologies	2.8
14	19HP1A0488	Venkata Swetha Mora	Ahex Technologies	2.8
15	20HP5A0411	CHENNU. AJAY BABU	EFFTRONICS	5.3
16	19HP1A0405	CHEBROLU GOSPEL JOY	EFFTRONICS	5.3
17	19HP1A0445	T.NIKHIL	EFFTRONICS	5.3
18	19HP1A0433	Bharath krishna Chennaboina	FACE Prep	3
19	20HP5A0405	Golla Durga Prasad	FACE Prep	3
20	19HP1A0477	Usthela Jyothika	FACE Prep	3
21	19HP1A04C1	Surya Pamoti	FACE Prep	3
22	20HP5A0406	Sai kiran Rayapudi	FACE Prep	3
23	19HP1A0490	Yamuna	FACE Prep	3
24	19hp1a0423	sai alekhya pulagum	FOCUS Edumatics	2.5

25	19HP1A0433	Bharath krishna Chennaboina	FOCUS Edumatics	2.5
26	19HP1A0431	ch.ashok	FOCUS Edumatics	2.5
27	19HP1A04A2	Javvaji.Jayaganeshsai	FOCUS Edumatics	2.5
28	19HP1A0474	Nusumu.Himavardhini	FOCUS Edumatics	2.5
29	19HP1A0477	Usthela Jyothika	FOCUS Edumatics	2.5
30	19HP1A0408	KALLURU JASMEEN	FOCUS Edumatics	2.5
31	19HP1A0441	Koteswararao kanaparthi	FOCUS Edumatics	2.5
32	19HP1A0475	Jahnvi Kurama	FOCUS Edumatics	2.5
33	20HP5A0403	a.vemlkata madhavi	FOCUS Edumatics	2.5
34	19HP1A0488	Venkata Swetha Mora	FOCUS Edumatics	2.5
35	19HP1A0451	MUDDAM RAVITEJA	FOCUS Edumatics	2.5
36	19HP1A04A9	NAGARAJU	FOCUS Edumatics	2.5
37	19HP1A0417	Pondugula Nikitha Reddy	FOCUS Edumatics	2.5
38	19HP1A0472	Gowthami Rajulapati	FOCUS Edumatics	2.5
39	19HP1A0482	Sai Keerthi Chandu	FOCUS Edumatics	2.5
40	20HP5A0406	Sai kiran Rayapudi	FOCUS Edumatics	2.5
41	19HP1A0483	Puli SINDHU	FOCUS Edumatics	2.5
42	19HP1A0484	Sravanthi rajap6	FOCUS Edumatics	2.5
43	19HP1A0426	Alla.Sridivya	FOCUS Edumatics	2.5
44	19HP1A0427	Swetha Kalapala	FOCUS Edumatics	2.5
45	19HP1A0467	syed.afsha	FOCUS Edumatics	2.5
46	19HP1A0414	DAMALA LAVANYA	GENPACT	2.4
47	19HP1A0413	Durga, Pernni Lakshmi	GENPACT	2.4
48	19HP1A0425	Srinidhi Ravuri	GENPACT	2.4
49	19HP1A0427	Kalapala Swetha	GENPACT	2.4
50	19HP1A0466	Afroz Syed	Hexaware	4
51	19HP1A0494	anand paul neredimilli	Hexaware	4

52	19HP1A0495	Thota Anish	Hexaware	4
53	19HP1A0430	ASHOK ELASAGARAM	Hexaware	4
54	19hp1a0497	Bavan Maganti	Hexaware	4
55	19HP1A0420	Priyanka Kondiparthi	Hexaware	4
56	19HP1A04B7	RAMESH MEKALA	Hexaware	4
57	19HP1A04B4	Vemuri Omsai Charan	Hexaware	4
58	19HP1A0434	SUJITH PAUL POTLA	Hexaware	4
59	19HP1A0402	Dakshayani.Meduri	Industryarc	2.4
60	19HP1A0433	Bharath Krishna Chennaboina	Nice Education	2.4
61	19HP1A0424	Sai Bhargavi Golthi	Nice Education	2.4
62	19HP1A0417	Pondugula Nikitha Reddy	Nice Education	2.4
63	19HP1A0407	A HONEY PRIYA	Nice Education	2.4
64	19HP1A0426	A SRI DIVYA	Nice Education	2.4
65	20HP5A0403	A VENKATA MADHAVI	Nice Education	2.4
66	20HP5A0404	B VINEESHA	Nice Education	2.4
67	19HP1A0456	P M SOHAIL KHAN	Nice Education	2.4
68	19HP1A0415	R NADHINI DEVI	Nice Education	2.4
69	19HP1A0459	R SUDHARSAN RAO	Nice Education	2.4
70	19HP1A0446	S PAVAN SAI	Nice Education	2.4
71	19HP1A0465	Afreen	Sutherland Global	2.5
72	19HP1A0428	Devarakonda	Sutherland Global	2.5
73	19HP1A0474	Himavardhini	Sutherland Global	2.5
74	19HP1A0475	Jahnavi	Sutherland Global	2.5
75	19HP1A0488	Venkata Swetha	Sutherland Global	2.5
76	19HP1A0417	Nikitha	Sutherland Global	2.5
77	19HP1A04C1	Surya	Sutherland Global	2.5
78	19HP1A04C1	Surya	Sutherland Global	2.5

79	19HP1A0426	SriDIVYA	Sutherland Global	2.5
80	20HP5A0413	Yeswanth	Sutherland Global	2.5
81	19HP1A0430	ASHOK ELASAGARAM	TCS	7
82	19HP1A0409	V.Jitha	Tech Mahindra	3.25
83	19HP1A0465	Mohammed Afreen	T-Machine	3.5
84	20HP5A0401	J. Divya sri	T-Machine	3.5
85	19HP1A0411	E. Kavya	T-Machine	2.4
86	19HP1A0446	SAJJALA PAVAN SAI	T-Machine	3.5
87	19HP1A0453	SANDEEP TADEPALLI	T-Machine	3.5
88	19HP1A0454	G.Sarat chandra	T-Machine	3.5
89	19HP1A0483	Puli.Sindhu	T-Machine	3.5
90	19HP1A0418	Ummadi Pallavi	T-Machine	3.5
91	19HP1A0402	Meduri Dakshayini	Tuning minds	2.4
92	19HP1A0414	Damala Lavanya	Tuning minds	2.4
93	19HP1A0412	Keerthi Sree Gollamudi	Tuning minds	2.4
94	19HP1A0408	Kalluri Jasmeen	Tuning minds	2.4
95	19HP1A0459	Sudharshan Rao Rajampalli	Tuning minds	2.4
96	19HP1A0483	Puli Sindhu	Tuning minds	2.4
97	19HP1A0427	Kalapala Swetha	Tuning minds	2.4
98	19HP1A0467	Syed Afsha	Tuning minds	2.4
99	19HP1A0465	Mohammed Afreen	V DART	2.4
100	19HP1A0433	Bharath Krishna Chennaboina	V DART	2.4
101	19HP1A0402	Dakshayani.Meduri	V DART	2.4
102	19HP1A0412	Gollamudi keerthi sree	V DART	2.4
103	19HP1A0417	Pondugula Nikitha Reddy	V DART	2.4
104	19HP1A04C1	Surya Pamoti	V DART	2.4

105	19HP1A0480	MIDASALA RISHITA RAO	V DART	2.4
106	19HP1A0481	Ruchitha vejendla	V DART	2.4
107	19HP1A0462	Vankat T	247.ai	2.4
108	20HP5A0408	CH KEERTHANA	Nice Education	2.4

Education is the Key to unlock the Golden door of Freedom --George Washington

Carver





Vision: The Department of ECE endeavors to produce ingenious, preeminent and socially responsible engineers

Mission:

M1: Commitment to well structured and quality oriented programs .

M2: To instil he students with advanced technologies to meet the current trends.

M3: To provide ethical value based education with social commitment.

Program Educational Objectives (PEOs):

PEO-I: To Transform the knowledge of basic sciences and mathematics into Electronics and Communication applications by the use of modern tools .

PEO-II: To analyze,design,simulate and synthesize the electronic systems useful for engineering fields .

PEO-III: To posses effective communication,managerial and leadership qualities in a career embedded with social commitment and ethical values

Program Specific Outcomes (PSOs):

PSO1: Develop Systems and Algorithms in the Fields of VLSI, Communication,Signal Processing and Embedded Systems for Contemporary needs .

PSO2: Demonstrate competence in the areas of Communication Systems through effective Higher Education and Successful careers.

Program Outcomes (POs)

1. Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals and an engineering specialization to the solution of complex engineering problems.

2. Problem Analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and Engineering sciences.

3. Design/Development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of and need for sustainable development.

8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

9. Individual and team work: Function effectively as an individual and as a member or leader in diverse teams, and in multidisciplinary settings.

10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

11. Project management and finance: Demonstrate knowledge and understanding of the engineering management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

12. Life-long learning: Recognize the need for and have the preparation and ability to engage in independent and lifelong learning in the broadest context of technological change.

Stake holders of the department

The department involves stakeholders (Internal and External) in the process of teaching and learning with an aim to achieve excellence. The stake holders of the department are as shown in following

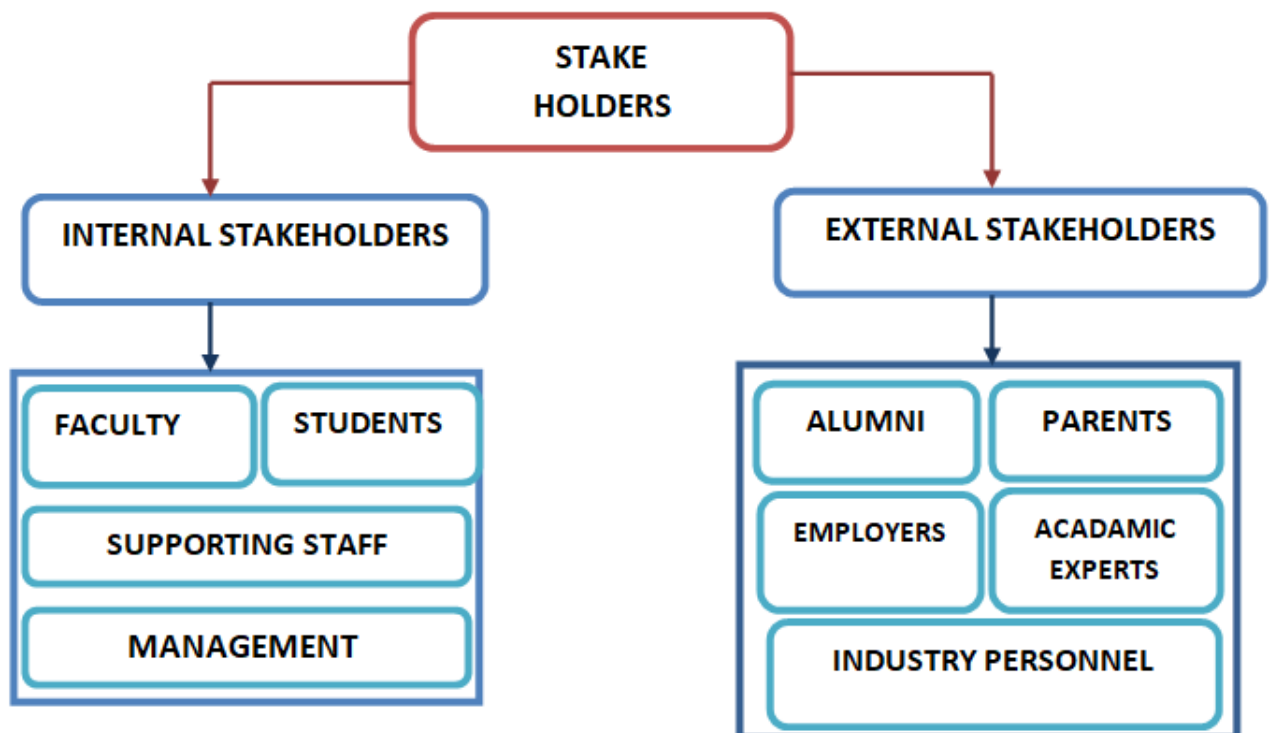


Figure: Stake holders of the department

Regards

Associate Editor(s)
CH.Pranob Kumar
K. Srinivasa Rao