



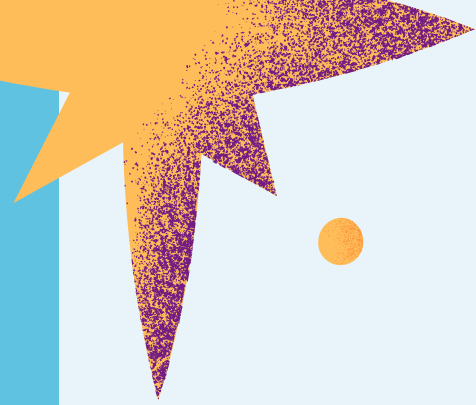
Department of Electronics and Communication
Engineering

The Department News letter

ECE BUZZ



ECE
@
CARE



JULY 2022 | ISSUE 3

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DEPARTMENT ACHIEVEMENTS

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STUDENTS ACHIEVEMENTS

S.SURIYA, ECSA PRESIDENT – IV ECE

PLACEMENTS

- Got Best Outgoing Student Award for the academic year 2021-2022..
- Got placed in TCS as Associate Systems Engineer with CTC 3.36 LPA & Wipro as Product Engineer with CTC 3.5 LPA .

Attended online webinars in the field of Python programming, Machine learning, Data Science, Artificial Intelligence, Deep Learning & Internet of Things from various companies like Pantech Pvt. Ltd., IETE Mumbai, IRIS Solutions etc...

Some of them are

- 5G Communications
- Understanding AI tools, platforms & services
- Big Data & Data Science
- Concepts in Machine Learning using Python
- Data mining learning patterns & process analysis
- Deep Vision for Autonomous self driving cars
- Design of Intelligent Chatbots ML Approach
- Data Science using Python
- Gesture Recognition
- ML for Computer Vision Industrial Applications
- Brain Controlled Robot Design
- Raspberry Pi with OpenCV

Got Best Outgoing Student Award for the academic year 2021-2022..

Got placed in TCS as Associate Systems Engineer with CTC 3.36 LPA & Wipro as Product Engineer with CTC 3.5 LPA .

STUDENTS

ACHIEVEMENTS

S.SURIYA, ECSA PRESIDENT – IV ECE

Completed various Coursera guided projects such as

- Analyse Box Office Data with Plotly & Python
- Fake News Detection with Machine Learning
- Image Compression with K-Means Clustering
- NLP – Twitter Sentiment Analysis
- Support Vector Machines with scikit-learn
- Video Basics with OpenCV and Python etc ...

6. Completed Internship in Vaayusastra Aerospace Pvt. Ltd. based on the project titled “IOT Application in Satellite Communication & Aircraft Communication, Aircraft Safety & ADS-B”

7. Published a paper titled “Smart Energy Meter using IOT” in the 4th International Conference on Computer Networks, Big Data and IOT (ICCBI – 2021)

8. Participated in SIH Internal Hackathon 2022 by being the Team Leader with the Team named “Target Found 8107”.

9. Participated in “IIC Design Thinking Workshop” at Biz Valt Conference Hall, CARE Business School, Trichy.

K.SHIFANA BEGUM – IV ECE

1. Completed Internship in Vaayusastra Aerospace Pvt. Ltd. based on the project titled “IOT Application in Satellite Communication & Aircraft Communication, Aircraft Safety & ADS-B”

2. Published a paper titled “Smart Energy Meter using IOT” in the 4th International Conference on Computer Networks, Big Data and IOT (ICCBI – 2021)..

STUDENTS ACHIEVEMENTS

K.SHIFANA BEGUM – IV ECE

3.Participated in SIH Internal Hackathon 2022 by being the Team Leader with the Team named “Team ICONIC” & got selected to SIH Finals 2022.

4. Participated in “IIC Design Thinking Workshop” at Biz Valt Conference Hall, CARE Business School, Trichy.

R.BHAKKIYA – IV ECE

1. Completed Internship in Vaayusastra Aerospace Pvt. Ltd. based on the project titled “IOT Application in Satellite Communication & Aircraft Communication, Aircraft Safety & ADS-B” .

2. Got selected in Infosys as System Engineer with CTC 3.6 LPA and Intellipaath as Business Development Trainee with CTC 9 LPA.

3. Written 8th semester papers in the previous semesters (6,7) based on CBCS Pattern

P.ADITHYA – III ECE

1. Attended 5 Days Workshop on “Image Processing using MATLAB” by Pantech Prolabs Pvt. Ltd.

2. Attended One Day Workshop on “Android” & done a project titled “Blind Stick using Arduino IDE with Ultrasonic Sensor & Buzzer” by Code Bind Technologies, Chennai.

3. Attended National Level Workshop on “Artificial Intelligence” by Pantech E-bytes.

STUDENTS ACHIEVEMENTS

S. RAJARAJESWARI – III ECE

Attended Two Weeks Internship program titled “TMIS08 – Kalam Internship Program – 08th Edition” by Tesla Minds, Chennai.

S. GUNASEKARAN – III ECE

Attended Four Days Online Short Term Training Programme (STTP) on “Recent Trends in Antenna & Microwave Technology” organized by IEEE Students Branch, Madras Section & Tesla Minds, Chennai.

M.DINESH KUMAR – II ECE

1. Won First Prize in “Dance” Event in MAVERICK 2K22 organized by the Department of MBA, K.S.R College of Technology, Namakkal.
2. Participated in “Group Dance” in the Inter College Management & Cultural Meet Event “M.A.M B-FEST 2022” organized by M.A.M Business School, Trichy.
3. Participated in “Battle Edition & Solo Dance Competition” in the Inter Collegiate Meet Asthra organized by G.R. Damodaran Academy of Management, Coimbatore.
4. Participated in “Adaptune” event in PRANAYA 2K22 organized by Karpagam Academy of Higher Education, Coimbatore.
5. Participated in “Solo Dance” event in CONFLUENZE 2022 organized by Nehru Institute of Information Technology & Management, Coimbatore.

STUDENTS ACHIEVEMENTS

R. GOKUL – II ECE

1. Participated in SIH Internal Hackathon 2022 with the Team named “Team ICONIC” & got selected to SIH Finals 2022.
2. Participated in “IIC Design Thinking Workshop” at Biz Valt Conference Hall, CARE Business School, Trichy

KANCHULOKESH LOKESH – II ECE

Participated in SIH Internal Hackathon 2022 with the Team named “Team ICONIC” & got selected to SIH Finals 2022.

K. BALAMURUGAN – II ECE

1. Participated in SIH Internal Hackathon 2022 with the Team named “Target Found 8107” .
2. Participated in “IIC Design Thinking Workshop” at Biz Valt Conference Hall, CARE Business School, Trichy.

S. KRISHNAMOORTHY – II ECE

1. Participated in SIH Internal Hackathon 2022 with the Team named “Target Found 8107” .
2. Participated in “IIC Design Thinking Workshop” at Biz Valt Conference Hall, CARE Business School, Trichy.

GADIREDDY SAMEERA – II ECE

Participated in “IIC Design Thinking Workshop” at Biz Valt Conference Hall, CARE Business School, Trichy.

R. JANCY RANI – II ECE

Participated in “IIC Design Thinking Workshop” at Biz Valt Conference Hall, CARE Business School, Trichy.

FINAL YEAR ECE TOPPERS

•••••

R.BHAKKIYA



K.SHIFANA BEGUM

THIRD YEAR ECE TOPPERS

S.RAJARAJESWARI



K.NISHANTHAN

SECOND YEAR ECE TOPPERS



KANCHU LOKESH

AFROSE JAMILLA M



Best Department of the Year 2021-2022



Best Faculty of the Year 2021-2022



Best Out Going Student of the year 2021-2022



S.SURIYA

DEPARTMENT OF ECE

Beautiful Moment with our final year ECE outing students





CARE COLLEGE OF ENGINEERING

in collaboration with
IEEE Prakash Bharati India,
organising

PAPER PRESENTATION
on
09/05/2022 @11.00 AM

In celebration of International Day of Light 2022,
contributing to Azadi Ka Amrit Mahotsav, the 75th Anniversary of Indian Independence.

National Coordinator Prakash Bharati Chair

Dr.JJeyarani
Institute Coordinator

ShriB.Prative Chend
Institute PATRON

Venue: DSP Lab, E CE/CARE

To celebrate International Day of Light 2022, contributing to Azadi Ka Amrit Mahotsav, 75th anniversary of Indian Independence, IEEE Prakash Bharati proposed conducting events in collaboration with Indian institutions working in the Photonics domain.

We have successfully completed the event PAPER PRESENTATION on different topics on the theme of light day and Photonics. The event was organized by the Department of ECE, CARE College of Engineering, Trichy, India on 09/05/22 by 11.00 AM @ DSP lab. All the third ECE students presented papers relevant to photonics and optics.

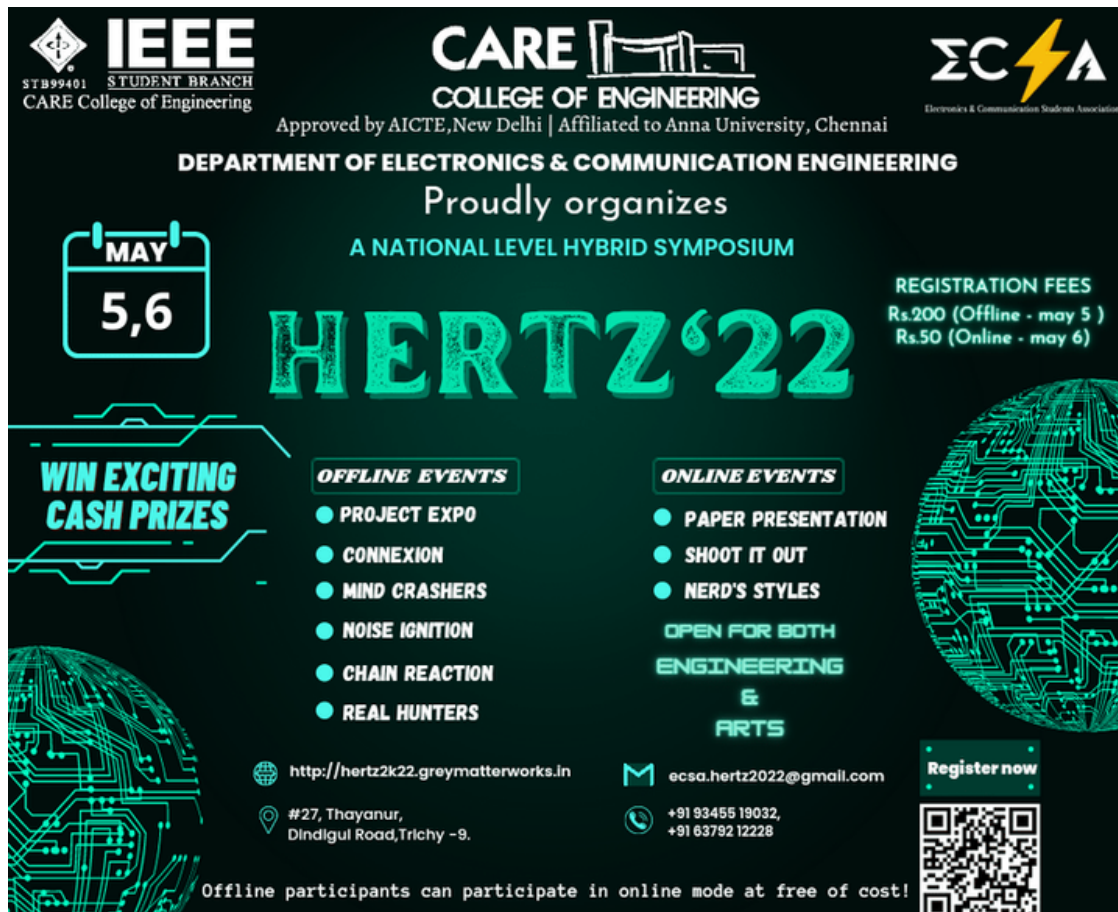
This event provided a platform to bring together the various topics to be explored by the students to pursue their higher studies and research. Before the event, Dr. J.Jeyarani, HoD/ECE explained the basics of optics and photonics and insisted on the importance of learning the subject so as to get placements.



Department of ECE in association with CARE NDLI Club organized a Webinar on “Random Process in Information Theory” as a part of the workshop on 28/04/22. Resource Person Dr. K.Muthulakshmi, Professor/ECE, Dr.NGP Institute of Technology, Coimbatore delivered a wonderful lecture on the title Random process and explained the types, sources with examples.

She explained the stochastic process with derivations and explained concepts using interesting videos. The topics of interest are variance, mean, correlation, co variance explained in a simple manner and students enjoyed the class with understanding.

Afternoon sessions were handled by the department faculties Dr.J.Jeyarani, Mrs.R.Vanitha, Mrs.R.Deepalakshmi and Mrs.M.Shivashankari on the recent topics on Information theory.



The poster for HERTZ'22 is a vibrant blue and white design. At the top left, it features the IEEE logo with 'STB99401 STUDENT BRANCH CARE College of Engineering' and the CARE College of Engineering logo with 'Approved by AICTE, New Delhi | Affiliated to Anna University, Chennai'. On the top right is the ECSEA logo (Electronics & Communication Students Association). The central text reads 'DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING Proudly organizes A NATIONAL LEVEL HYBRID SYMPOSIUM HERTZ'22'. A calendar icon shows 'MAY 5,6'. To the right, 'REGISTRATION FEES' are listed: 'Rs.200 (Offline - may 5)' and 'Rs.50 (Online - may 6)'. Below this, 'WIN EXCITING CASH PRIZES' is written in a stylized font. Two columns of events are listed: 'OFFLINE EVENTS' (PROJECT EXPO, CONNEXION, MIND CRASHERS, NOISE IGNITION, CHAIN REACTION, REAL HUNTERS) and 'ONLINE EVENTS' (PAPER PRESENTATION, SHOOT IT OUT, NERD'S STYLES). Below these, it says 'OPEN FOR BOTH ENGINEERING & ARTS'. Contact information includes a website, an email address, and two phone numbers. A QR code and a 'Register now' button are at the bottom right. A note at the bottom states 'Offline participants can participate in online mode at free of cost!'.

Department of ECE and Student Association (ECSA) organized National Level Hybrid Symposium on 5&6th May, 2022 for the academic year of 2021-22 through the offline mode and online mode.

The chief guest for the event was Ms.K.Gaja Priya, SR Talent Acquisition Specialist, MST Solutions. We Got 335 registrations for both online & offline, a great count, and also we received more than 80 papers. We got papers from the people who are mostly in final year explaining their projects. This online platform enabled that participants from Christ University, Bangalore and best papers from Karmaveer Baburao Ganpatrao Thakare College of engineering ,Nashik, Maharashtra .

**DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING**

Cordially invites you for the

SEMINAR ON

INTELLECTUAL PROPERTY RIGHTS

RESOURCE PERSON

MS. V. KAVITHA,
Women Scientist,
Kiran IPR (11th batch),
Patent Analyst,
Maxval IP Services Pvt. Ltd.,



DATE : 06.04.2022
TIME : 3 PM ONWARDS

The Department of Electronics & Communication Engineering is proudly organizing an awareness seminar "Intellectual Property Rights" on 06/04/2022 at 3.00PM for the students and faculty of ECE. .

CARE 
COLLEGE OF ENGINEERING

(Approved with AICTE, New Delhi & Affiliated to Anna University, Chennai)

National Conference
On

**Emerging Trends in Information and Communication
Engineering
(NCETICE'22)**

(May 6th - 7th, 2022)

Organized by

Department of Electronics & Communication Engineering

IMPORTANT DATES

- Last date for submission of full paper with Abstract: 25.04.2022
- Notification of acceptance: 30.04.2022
- Last date of Registration (Online): 02.05.2022

REGISTRATION DETAILS

The Registration fees are as follow

- For UG/IEEE Member:Rs:500
- For PG/Non-IEEE Members, Research Scholars &Industrial persons: Rs:500

Payment should be done through online on Favor of:

Name: J.JECINTHA
Account Number: 7013861681
Bank: Indian Bank
IFSC code: IDIB000T027
UPI Payment Number: 8825748719

REGISTRATION LINK:

<https://bit.ly/36T7yRp>

CONTACT

Ms. R.Vanitha, Assistant Professor
Department of ECE
CARE College of Engineering,
#27, Thayanur village,
Trichy – 620 009
Contact number: 8220681142, 8344898019
Email id:vanithar@care.ac.in

We have successfully completed our Second National Conference on Emerging Trends in Information and Communication Engineering (NCETICE'22) today, organized by Department of ECE, CARE College of Engineering, Trichy, India.

Chief guest Dr. Vanidevi, Assistant Professor, IIST, Thiruvanthapuram delivered wonderful lecture on MIMO, RADARS and military supported antenna systems.

CARE 
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(Approved by AICTE, Affiliated to Anna University)
No. 27, Thayanur, Trichy - 620 009

NATIONAL GIRL CHILD DAY

**Happy National
Girl Child Day**



Chief Guest
Dr.S.Shanthi
Principal
CARE College of Engineering

See you at
24th January 2022
@11.00 AM
Via Google meet

Welcome you All

ORGANISED BY
CARE WOMEN EMPOWERMENT CELL

Women Empowerment cell of CARE College of Engineering organized the National Girl Child Day Celebrations on 24th January 2022, through the online mode. The event is organized for the girl students of CARE to address the challenges girls face and to promote girls' empowerment and the fulfillment of their human rights.

"Give the Girl Child, Wings to Fly, Let her blossom and touch the Sky" was the key motivation of this event.

More than 50 students from various departments attended and shared their wishes and views on women empowerment.

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 27, Thayanur, Trichy – 620009

**Department of Electronics and Communication Engineering
 Webinar Series '21**

Date	Resource person	Title
26th October 2021	 Mr. Rajeswaran, Embedded System Engineer, Alley tech, Salem	Embedded systems
27th October 2021	 Mr. A. Anish Kumar, Business Development Manager, Byju's -The learning App, Chennai	Alumni Meet
29th October 2021	 Dr. Radhika Baskar Associate Professor/ECE, Saveetha School of Engineering, Saveetha Institute of Medical and Technical Sciences, Chennai	Adhoc and Wireless Sensor Networks
30th October 2021	 Dr. K. Pandiaraj Assistant Professor/ ECE Kalasalingam Academy of Research and Education, Krishnankoil, Srivilliputtur	Digital Electronics
2nd November 2021	 Ms. C. Swedheetha Assistant Professor/ECE Vaigai College of Engineering, Madurai	Antenna and Microwave Engineering
11th November 2021	 Ms. Roja Vadlamudi, PM RF Scholar, NIT Trichy	Impedance using Discrete Components
12th November 2021	 Mr. Manikandan P. Assistant Professor/ECE Kalasalingam Academy of Research and Education, Krishnankoil, Srivilliputtur	Power Supplies and Electronic Device and Testing

ECE department in association with IEEE Student Branch- Madras Section organized webinar series from 26.10.2021 to 12.11.2021. The primary objective of this webinar is to help the students improve their learning in a more interactive and topic specific way.

In this webinar series, experts from industries and institutions such as Rajeswaran, from Alley tech, Anish Kumar from Byju's -The learning App, Dr. Radhika Bhaskar from Saveetha School of Engineering, Chennai, Ms. Roja Vadlamudi, PMRF from NIT, Trichy, etc have contributed with their effective lectures.

A Four Day Workshop on “Antenna Design for Military, Biomedical and Wireless Applications (Virtual mode)”



Department of Electronics and Communication Engineering, CARE College of Engineering in Association with IEEE CARE Student Branch – Madras Section organizing A Four Day Workshop on “Antenna Design for Military, Biomedical and Wireless Applications (Virtual mode)” during December 20th – December 23rd, 2021.

The workshop provides hands-on experience in using ANSYS HFSS and CST simulator tools, leading to the design of patch antennas and other types of antennas. 4-day programme will enable the participants to understand the simulation principles and optimization procedures in the identified topics.

INTERDEPARTMENTAL PROJECT EXPO -2021



INDUSTRIAL VISIT TO SIEMENS CENTRE OF EXCELLENCE IN MANUFACTURING



Siemens Centre of Excellence in Manufacturing is an interdisciplinary, industry backed centre focused on developing "Skill Excellence" for Academia and Industry. To provide industrial exposure to ECE Faculty, One day industrial visit to Siemens Centre of Excellence in NIT, Trichy on 13.10.2021.

TECHNO FRENZY V.40

CARE COLLEGE OF ENGINEERING

ECSA
Electronics And Communication Students Association

Department of Electronics & Communication Engineering
Welcomes you all

ECSA'S EVENT

TECHNO FRENZY V4.0

EVENTS TO OCCUR

**PAPER PRESENTATION
MIXTURE CLUSTER
TRY PANNU MAKE FUNNU**

Wear red and white and show off your Arcadia Knights pride!

**OCTOBER 9, 2021
GOOGLE MEET PLATFORM
2.30 TO 4.00 PM**

On behalf of the Electronics and Communication Students Association (ECSA), Final year Students Conducted TECHNO FRENZY V.40, an Inter department Technical and non- Technical Event for the second & Third year students on October 9th , 2021 @ 2.30 PM. Students actively participated

CONSULTANCY WORK – PATIENT DATABASE MANAGEMENT SYSTEM



Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

Department of Electronics & Communication
Engineering



CONSULTANCY WORK

FIRST REVIEW MEETING

PATIENT'S DATABASE MANAGEMENT SYSTEM



DR. JAIKUMAR,
MD(PSYCHIATRY),
ASSOCIATE PROFESSOR,
DEPT OF PSYCHIATRY,
PUDUKOTTAI MEDICAL COLLEGE,
TAMIL NADU.

PLATFORM : GOOGLE MEET

DATE : 25 SEP, 2021

TIME : 6.00 PM ONWARDS

Department of Electronics and Communication Engineering doing Consultancy work under Software Application Development for Patient Database Management System. The 1st review meeting was held on 25th September, 2021. Dr. Jaikumar, MD(Phychiatry), Associate Professor, Department of Phychiatry, Pudukottai Medical College, Tamilnadu and Vigneshwaran, Expert of Web development attended this meeting. They gave some suggestions for this project.

ENGINEER'S DAY CELEBRATION



CARE COLLEGE OF ENGINEERING

DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING

Cordially invites to the guest lecture on

DISCRETE TIME SIGNAL PROCESSING

RESOURCE PERSON:
Dr. K. MUTHULAKSHMI,
Assistant Professor/ECE,
Dr. NGP Institute of Technology,
Coimbatore.




SEP 17, 2021 | 3.00 PM | GOOGLE MEET

Welcome you all!

Department of Electronics and Communication Engineering conducted a Guest Lecture on "Discrete time Signal Processing" for the ECE students on 17th September, 2021. The webinar was delivered by Dr. Muthulakshmi, Professor, Dr.NGP Institute of Technology, Coimbatore

FDP ON "RECENT ADVANCEMENTS IN PHOTONICS AND IT'S APPLICATIONS

A Five Day Faculty Development Programme (FDP)
On
**Recent Advancements in Photonics and Its
Applications**
(Virtual mode)



September 27th - October 1st, 2021
Timing: 06.00 PM to 08.00 PM
In Association
With
IEEE CARE STUDENT BRANCH - MADRAS SECTION
&
IEEE PHOTONICS SOCIETY - BANGALORE SECTION

On behalf of the Electronics and Communication Students Association (ECSA), Final year Students Conducted TECHNO FRENZY V.40, an Inter department Technical and non- Technical Event for the second & Third year students on October 9th , 2021 @ 2.30 PM. Students actively participated

**GUEST LECTURE ON “DISCRETE TIME SIGNAL
PROCESSING”**

CARE 
COLLEGE OF ENGINEERING

**DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING**

Cordially invites you for

**Engineer's day
Celebration**



GUEST OF HONOUR

**MR.V.VIJAYAKUMAR
ASST. VICE PRESIDENT
SALES AND MARKETING
QMAX GROUP**

**SEPTEMBER 18, 2021
10 AM**



Via Google Meet

in the esteemed presence of

**Shri. B. Prative Chend
CEO**

**Dr. S. Shanthi
Principal**

Department of Electronics and Communication Engineering organizes “Engineer’s Day Celebration” on 18 September 2021.

UPCOMING EVENTS

DEPARTMENT PLAN- ODD SEM - 2022-2023

Department of ECE Activity Plan - Odd sem - 2022-2023

S.No	Event	Program	Tentative Date
1	Newsletter		July 2nd week
2	Contest for School Students/ Technical	Out Reach Program	July 3rd week
3	Summer workshop	Co- Curricular Activity	July 4th week
4	STTP on Antenna design	Co- Curricular Activity	August 1st week
5	Orientation Program for II Year ECE	Co- Curricular Activity	August 2nd week
6	Alumni Interaction		August 2nd week
7	Inter departmental Activity- TechnoFrenzy(Technical Events for Department Students)	Co- Curricular Activity	August 3rd week
8	Paper Presentation for department students	Co- Curricular Activity	August 4th week
9	Inter departmental Cultural Activity	Extra Curricular Activity	September 1st week
10	Industrial visit	Co- Curricular Activity	September 3rd week
11	Alumni Meet	Alumni guest lecture	September 4th week
12	MOU	IIPC	October 1st week
13	Elite student Major Project	Co- Curricular Activity	October 2nd week
14	Mini Project	Co- Curricular Activity	October 3rd week
15	FDP	FDP	Nov 4th week
16	VAC	Co- Curricular Activity	Semester break
17	Guest lecture series	Guest lecture(2 Per Subjects)	Two Per Subject
18	Gate/Higher studies/Government exam Coachings/ Technical	Extra Curricular Activity	All Saturdays