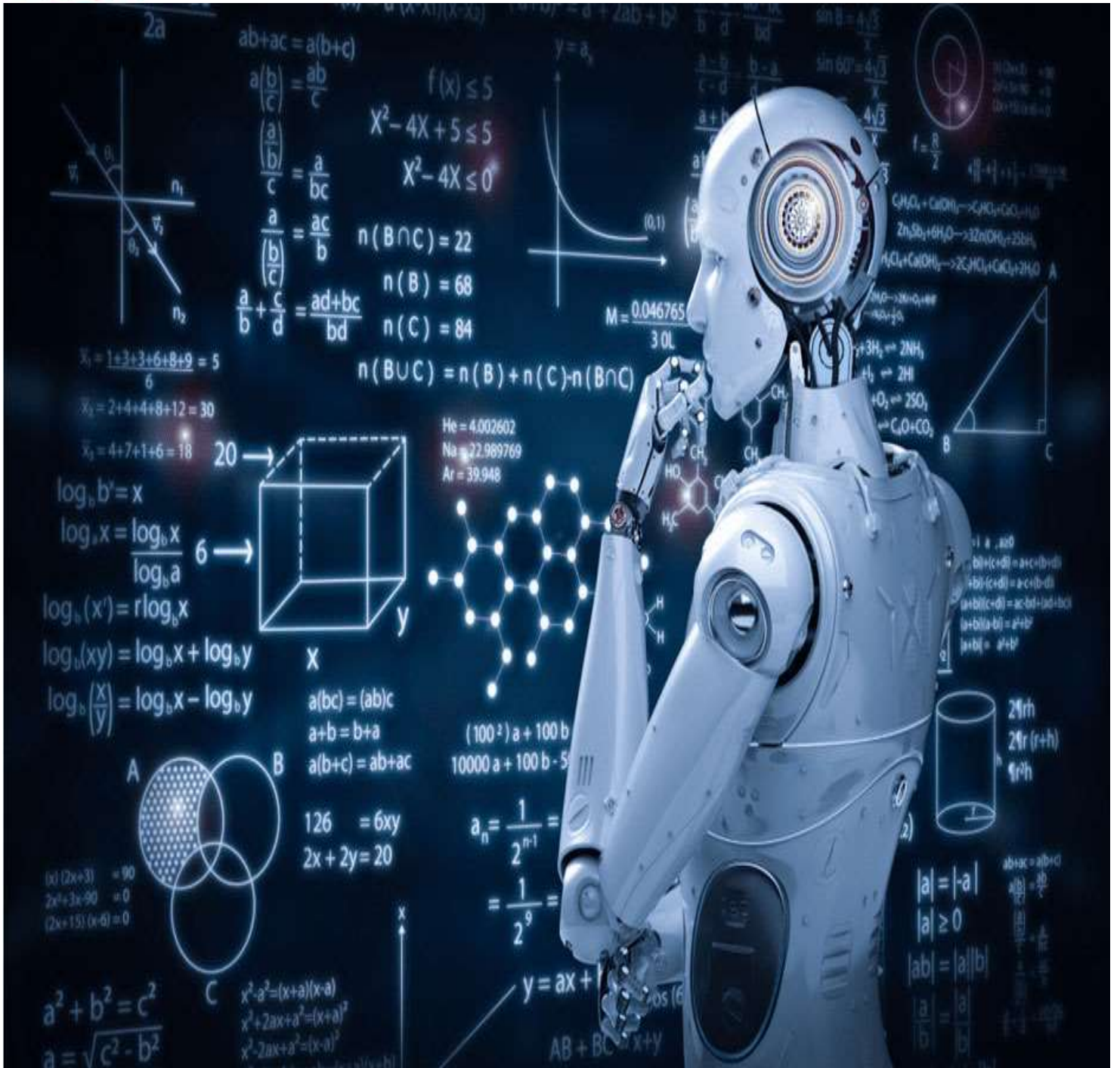




DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



ECLATECS'2K22 / LITES

DEPARTMENT OF ECE & ROBOTICS



Loyola INSTITUTE OF TECHNOLOGY & SCIENCE, THOVALAI

Newsletter Date : AUG ,2022

Volume 1, Number -1

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ECLATECS'2K22

NEWSLETTER OF REGULAR ACTIVITIES

AUGUST -2022

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

Loyola Nagar, Thovalai – Rajavoor Road,
Kanyakumari District.

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CHIEF PATRONS

Dr. M.T.NICHOLAS,
CHAIRMAN.



PATRON

Dr. J.D.DARWIN. M.E.,Ph.D,
PRINCIPAL.



CONVENERS

Dr. D.FERLIN DEVA SHAHILA , M.E.,Ph.D,
ASSISTANT PROFESSOR / HOD,
ECE & ROBOTICS.



STAFF COORDINATORS

1) Dr. ANTONY ASIR DANIEL V, M.E.,Ph.D
ASSOCIATE PROFESSOR / ECE

2) Mr.VINO RUBAN SINGH .V
AP/ECE

3) Mr. AJIN.R
AP/ECE

4) Mrs. SHIRLIN F
AP/ECE

5) MS.THANGAM. S.T
AP/ECE

6) Mrs. AJEESHA.T.L
AP/ECE



ECLATECS'2K22 / LITES

NEWSLETTER -2022

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- August 2022

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About the College

- Department Established in 2008.
- 582 Number of graduates produced in the department.
- 5 number of rank holders from Anna University.
- 30% of graduates placed in class I officer post.
- To build expertise in the department faculty in specific areas.
- To advance and promote twin interests of education and research.
- Primary Objective: Imparting quality education and training leading to innovation.



- Being located in the rural area, LITES imparts placement training like Spoken English, Quantitative Aptitude, Technical Aptitude, Certification Programmes, Inplant Training, Internship, Training for Government service exams (UPSC and TNPSC) and arranges Placement for the graduates.

.

From The Desk of HOD



NAME: Dr. D.FERLIN DEVA SHAHILA , M.E.,Ph.D,

DESIGNATION: HEAD / ASSISTANT PROFESSOR

QUALIFICATION: Ph.D

EXPERIENCE: 11 YEARS

The department aims to impart quality technical education to the students, who are aspiring either for a professional career in the field of Electronics and Communications Engineering or pursuing higher education in their choice of fields. They are rigorously trained to enrich them with the fundamental facts and principles of the core technologies in their discipline.

This department owes its foundation to primarily three factors, namely, well-trained teachers, a disciplined atmosphere and fairly equipped labs. Also, a dedicated team of staff members enhances the ambiance for both faculty and students, to pursue their research interests in the preferred field of study..

By,

Dr. D.FERLIN DEVA SHAHILA , M.E.,Ph.D,
ASSISTANT PROFESSOR / HOD,
ECE & ROBOTICS
Email : hod.ece@lites.edu.in

About the Department

The B.E. degree program in Electronics and Communication Engineering was established in the year 2008.



The Department of Electronics and Communication Engineering is the largest department of LITES in terms of the number of faculty and the number of student intake with 60 students taking admission each year. Running in both the morning as well as evening shifts, the department is proud to have highly trained and qualified faculty members dedicated towards the cause of imparting good quality education, many of whom have either earned or are pursuing a Ph.D. degree in various fields of Electronics and Communication Engineering. The labs, designed by the teachers themselves, are well equipped and cater to the needs of aspiring students and create an amicable as well as a disciplined environment towards doing research work and gaining practical knowledge..

Vision and Mission of the Department



Vision of the Department

The Department of Electronics and Communication Engineering aspires to uplift students particularly those from rural areas by making them competent with sound technical, interpersonal, managerial and professional ethos to face the problems in the real life thus foster a successful carrier



Mission of the Department

M1: To nourish the minds of growing engineers through qualitative evaluation and project assignments.

M2: Strengthen them by focusing on training and skill up gradation.

M3: Enhance the employability of the students to rise up their living standard.

State the Program Educational Objectives (PEOs)

PEO 1: To make our students aware of new technologies and attain professional competence through lifelong learning such as advanced degrees and publications.

PEO 2: To inspire our students with professional and ethical attitude, team spirit, leadership qualities and make them to be socially responsible.

PEO 3: To involve them in lifelong learning and adapt to changing professional requirements.

PEO 4: We make our students to achieve success in their career by efficient training both qualitatively and quantitatively.

Students Awards and Achievements:

University Rank holders:

Mrs.Athira.R.V

Rank : 21st,

Dept :Applied Electronics



Mrs.Nithya.S

Rank : 44th

Dept :Applied Electronics



MRS.SOBILAL JINI.R,

Rank : 46th,

Dept :Applied Electronics



MS.BROWLIN TIGHA S.H,

Rank : 32ND,

Dept :ECE



MS.SAMLIN PRISCILLA .A,

Rank : 42ND, Dept :ECE



Our ECE Students in Government Jobs and MNC

**MR. ANTONY VIBIN,
CENTRAL EXCISE BOARD**



**MS.S.RABIN SHALU,
SUB INSPECTOR OF POLICE**



VINOTHINI, INFOSYS



MRS.R.AKSHARA,COGNIZANT



MR.P.ARUL RESUF,TN POLICE



NAME: MARIA ROJA .V
BATCH: 2014-2018
COMPANY: TATA CONSULTANCY SERVICES (TCS)
DESIGNATION: SYSTEMS ENGINEER



NAME: JEENA.S.A
BATCH: 2017-2021
COMPANY: HCL Technologies Ltd.
DESIGNATION: Graduate Engineer Trainee in band E1



NAME: SHRUTHI S PRASAD
BATCH: 2017-2021
COMPANY: TATA CONSULTANCY SERVICES LIMITED
DESIGNATION: ASSISTANT SYSTEM ENGINEER-TRAINEE IN GRADE Y



NAME: FARZANA.R
BATCH: 2016-2020
COMPANY: GOVT.POST OFFICE
DESIGNATION: BRANCH POST MASTER



Program Organized /Participation:

- Industrial Visit - “Keltron-Kerala” organized for II year ECE Students on 6th August 2008, “A TO Z Pumps - Coimbatore” organized for III year ECE Students and “SS Technovasion-Coimbatore” organized for IV year ECE Students.
- Guest lecture - Nine guest lectures on various current topics had been arranged during the last year.

Department Symposium

- Every year a national level technical Symposium would be conducted for the benefit of students of our college and the other colleges.
- A Symposium organized by ECE department, ”SANDEZA 2k19” on 27th August, 2019.

Department Activities







A Symposium organized by ECE Departments “PILOFORIES” – 2k19” On 27-08-2019.



➤ A Symposium organized by ECE/ROBOTICS Departments “ECLATECS - 2k22” on 01-06-2022.



Loyola INSTITUTE OF TECHNOLOGY & SCIENCE

Loyola Nagar, Thoivalai - Rajavoor Road Kanyakumari Dist -Pin ;629302
Tamil nadu. Web Site; www.lites.edu.in

Department of ECE and ROBOTICS

PRESENTS

ECLATECS`2K22

A National Level Technical Symposium

REGISTRATION FEE
2022- ONLY

01.06.22

TECHNICAL EVENTS

- Paper Presentation
- Circuit Debugging
- Quiz
- connexion

NON-TECHNICAL EVENTS

- Sudoku
- FootLoose
- OnSpot Photography

MAIL YOUR PAPER TO

Email : eclatecs2k22ece@gmail.com

submission date : 27.05.22

Intimation date : 30.05.22

Ms. R Bavithra

STUDENT
COORDINATOR
Contact: 9003476629

Mrs. Shirlin Iafarc

STAFF
COORDINATOR
Contact: 7708235274

Dr. D Ferlin Deva Shabila

HOD

Dr. J D Darwin

PRINCIPAL

Dr. M T Nicholas

CHAIRMAN

Students Activities & Achievements:

Our students participated in many events conducted by various colleges.

They are,

- ✓ Mr.JOSHUA SEKAR won the First Prize for Add spoof organized by stella Maris college of Engineering.
- ✓ S.Monica and Ms.Pon Levina won the First Prize for quiz competition organized by DMI college of Engineering.
- ✓ Ms.Malini and Mr.JOSHUA SEKAR won the Second Prize for quiz competition organized by DMI college of Engineering.
- ✓ Mr. AATHEESWARAN R S of IV ECE has made a model on “Make remote to control hydraulic excavator “ and presented in Kalasalingam University.
- ✓ Ms. Shruthi S Prasad; Ms. Jeena S A has presented a paper on “Smart Security and Home Automation using IOT” at SCAD College of Engineering.
- ✓ Ms. M.Maheshwari, R.shyni has presented a paper titled “6G Technology” and Ms.Devika K,M and Ms. Iswarya.M has presented a paper titled “Arduino based automatic plant watering system” at SCAD College of Engineering.
- ✓ Ms.Gomathi and B.Ishwarya M has presented a paper titled “Underwater Wireless Communication Network” at a national level symposium in SCAD College
- ✓ Ms.Bubsha P has presented a paper on “IOT based home automation using raspberry Pi” at Stella Maris college of Engineering
- ✓ 43 students from ECE has attended various workshops conducted through online by various colleges during the Pandemic period.
- ✓ Final year ECE students Ms.S.M.Ashmi Mol, Ms.S.Roselin and Ms.S.Shellow has won best paper award for the Paper Titled ‘Analysis of Brain Tumor Detection Using CANFIS Classifier’ in the National Level Technical Symposium held in Arunachala college of Engineering on 07th Feb 2019.

- ✓ The same batch has participated in Paper presentation titled ‘Automated Analysis of Brain Tumor Detection and Classification’ in National Level Technical Symposium held in Ponjesly college of Engineering on 02th Feb 2019.
- ✓ Final year ECE students Ms.E.Reeba and Ms G.Monisha has participated in paper presentation and presented a paper Titled “Automatic Irrigation System Using IOT in a National level Technical symposium at Ponjesly college of Engineering on 02th Feb 2019. They also presented paper titled “Agricultural land Monitoring with dry leaf detection” at the National Level Technical Symposium held in Arunachala college of Engineering on 07th Feb 2019.
- ✓ Ms.M.Lakshmi bai, Ms.A.pushpa and Ms.G.sangeetha from III year has presented the papers titled “ Smart blind stick with GPS tracking System” and “Ultrasonic blind walking stick using Arduino” at the National Level Technical Symposiums held in Ponjesly college of Engineering and Arunachala college of Engineering respectively.
- ✓ Final year ECE students Ms.A.Dowlathe Jasmine and Ms.K.Bhagya Shree has presented a paper titled” IOT based Fall Detection Using Smart Watch” at V.V.College of Engineering.
- ✓ Mr.Dino Dinku and Mr.Berlin Leo has presented a paper titled “ Blue Brain Technology” at V.V.College of Engineering.
- ✓ Ms.Farzana has participated in Quiz at St.Xaviers Catholic of Engineering. Mr.Dino Dinkhu D.R has won first prize in Photography conducted at our college
- ✓ Ms.Karthikha has won second prize in an essay writing competition on “Food and safety” organized by the central government of India.
- ✓ Ms.Meera,Ms.Shinemathi,Ms.Sabitha,Ms.Hepziba,Ms.Dowlath,Ms.Alfa Raveena, Arul Joselin Akalya and Ms.Annie Sneha have participated in various competitions on “Food and safety” organized by the central government of India.
- ✓ It would be injustice ,if the activities of faculty are left out. Mrs.Ferlin Deva Shahila brought out a text book on ”Microprocessor and Microcontroller”.
- ✓ Dr.Herald Anantha Rufus completed his PhD programme.
- ✓ Many department colleagues have registered and pursuing research leading to Ph.D.

✓

LITES chapter was inaugurated in Electronics and Communications Engineering department.

The aim is to participate in Nation building, to support the society to Support the society by all means, and to develop inventions for rural people and also to support them. ([SACL](#))

Events Organized:

- Social Activities - A team of Staff and students of ECE department has visited Home for Girls, Ethavilai and Neyyoor Orphanage Home in Kanyakumari District and provided lunch.





➤ Social Activities - A team of Staff and students of ECE department and NCC Students has visited **CSI BLIND SCHOOL, IRAENIPURAM** on 30th march 2022 and provided lunch.



Staffs Achievements

- ❖ **Dr. D.Ferlin Deva Shahila** has been awarded with a **doctoral degree** from **NI University** under **Empirical study and Development of Image Enhancement Techniques**.
- ❖ Mrs. Shirlin received an **APPRECIATION CERTIFICATE** as part of NPTEL from **TEXAS INSTRUMENTS** for enrolling the Students in receiving **48 MSP740 MICROCONTROLLER KITS** for our **COLLEGE**.
- ❖ **Dr.Ferlin Deva Shahila, Mr.Vino Ruban, Mr.Ajin, Mr.Shirlin** has actively participated in various webinars.

Ph.D AWARDED AND SUBMITTED STATUS

S.NO	NAME OF THE FACULTY	DESIGNATION	RESEARCH AREA	UNIVERSITY	STATUS
1	DR.D.FERLIN DEVA SHAHILA	ASST.PROFESSOR AND HEAD	DIGITAL IMAGE PROCESSING	NOORUL ISLAM UNIVERSITY	AWARDED
2	DR.ANTONY ASIR DANIEL	ASSOCIATE PROFESSOR		ANNA UNIVERSITY	AWARDED
3	MR.R.AJIN	ASSISTANT PROFESSOR		ANNA UNIVERSITY	DOING

Faculty Profile:



NAME: Dr. D.FERLIN DEVA SHAHILA

DESIGNATION: HEAD / ASSISTANT PROFESSOR

QUALIFICATION: Ph.D

EXPERIENCE: 11 YEARS



NAME : DR. ANTONY ASIR DANIEL V

DESIGNATION : ASSOCIATE PROFESSOR

QUALIFICATION : Ph.D

EXPERIENCE : 10 YEARS 6 MONTH



NAME : MR.VINO RUBAN SINGH .V

DESIGNATION : ASSISTANT PROFESSOR

QUALIFICATION : M.E

EXPERIENCE : 12 YEARS



NAME : Mr. AJIN.R

DESIGNATION : ASSISTANT PROFESSOR

QUALIFICATION : M.E

EXPERIENCE : 7 YEARS 11 MONTH



NAME : MRS. SHIRLIN F

DESIGNATION : ASSISTANT PROFESSOR

QUALIFICATION : M.E

EXPERIENCE : 4 YEARS 3 MONTH



NAME : MS.THANGAM. S.T

DESIGNATION : ASSISTANT PROFESSOR

QUALIFICATION : M.E

EXPERIENCE : 1 MONTH



NAME : Mrs. AJEESHA.T.L

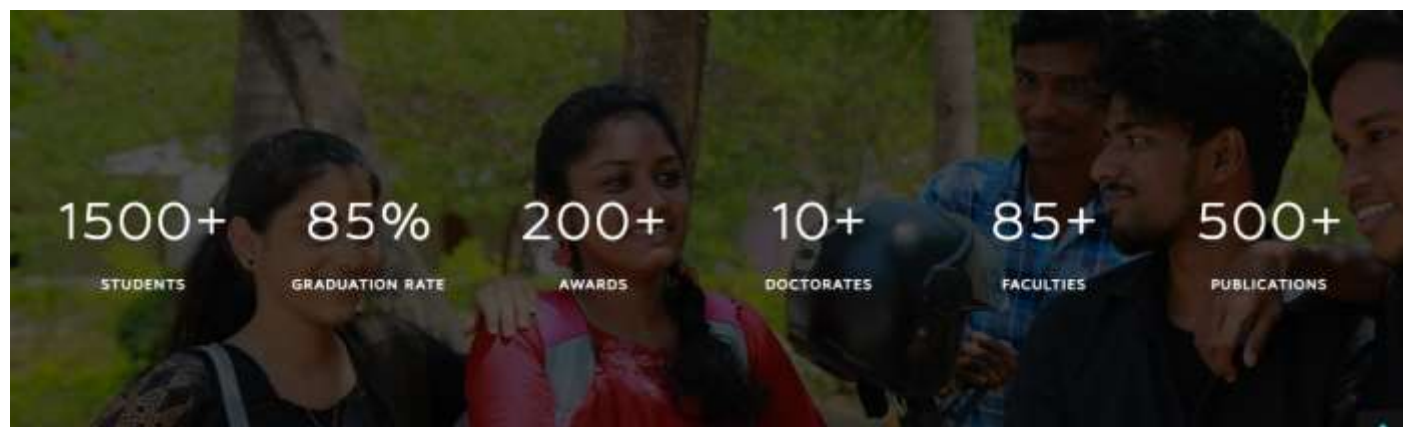
DESIGNATION : ASSISTANT PROFESSOR

QUALIFICATION : M.E

EXPERIENCE : 1 MONTH



SOCIAL MEDIA PAGES



Trainings

Three pillars of Loyola

Training we provide for our students

Academics

Softskills Development, Quantitative Aptitude, Technical Certification, JEE, GATE, NPTEL, TNPSIC, UPSC, NCC, NSS

Loyola Arts & Cultural Centre

Dance, Vocals, Skill, Mime, Fashion Show, Short Film (Story Writing, Editing, Cinematography, Direction) Album Songs.

Sports

Football, Volleyball, Kabaddi, Athletics, Handball, Cricket, Weight Lifting, Boxing, Power Lifting, Basketball, Fencing, Judo.



B.E ELECTRONICS & COMMUNICATION ENGG.



Loyola INSTITUTE OF TECHNOLOGY & SCIENCE

THOVALAI, KANNIYAKUMARI DIST., TAMILNADU

[Approved by MCTE, Affiliated to Anna University, Chennai]

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M.E. Applied Electronics

“LITES SALUTES GREAT NATION”

75TH
India

INDEPENDENCE DAY

15TH AUGUST



www.lites.edu.in

Celebrate Now

LITES

Loyola Association of Cultural Activities

LACA

Education cannot happen just at school. It must go beyond the walls of the classroom. Watching a play performed live is quite a different experience than reading a play from a book. Through attendance at events, Lites students broaden their horizons and gain unique insights into their own communities as well as a broader global perspective of our world's diverse cultures.

Our College Mission

To develop a world class Bio Medical Technology Research Centre, (to be



[Reach us](#)

The Head of the Department,
Department of Electronics and Communications Engineering,
Loyola Institute of Technology & Science,
Thovalai.