



NEHRU COLLEGE

OF ENGINEERING & RESEARCH CENTRE
(ACCREDITED BY NAAC, APPROVED BY AICTE, AFFILIATED TO KTU)

Pampady, Thiruvilwamala, Thrissur- 680588



*Change your thoughts and you change your world.”
– Norman Vincent Peale*

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



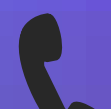
www.ncerc.ac.in



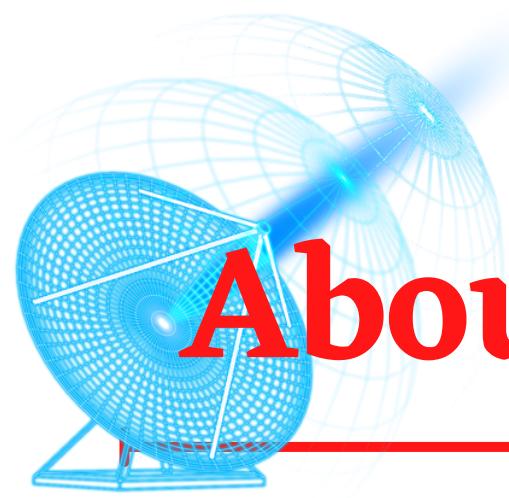
[/nehrugroupkerala](https://www.facebook.com/nehrugroupkerala)



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About the NCERC

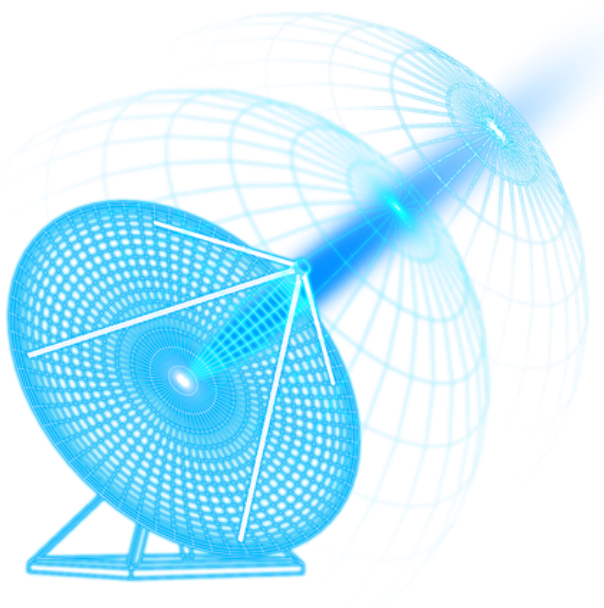
Nehru College of Engineering and Research Centre(NCERC), situated on the Bank of the river Nila, is a premier Engineering college that has pioneered engineering education, research and training in the private sector. Established in 2002 by the founder chairman Shri P.K. Das, NCERC is committed to impart world class quality education in engineering and research. Dedicated to the service in the realm of technical education in Kerala, it is an ISO 9001:2015 certified institution, approved by All India Council for Technical Education (AICTE), affiliated to A P J Abdul Kalam Technological University(KTU) and is accredited by National Assessment and Accreditation Council (NAAC). Over these years NCERC has grown to be one of the Best Self Financing College in Thrissur, Kerala.

About the Department

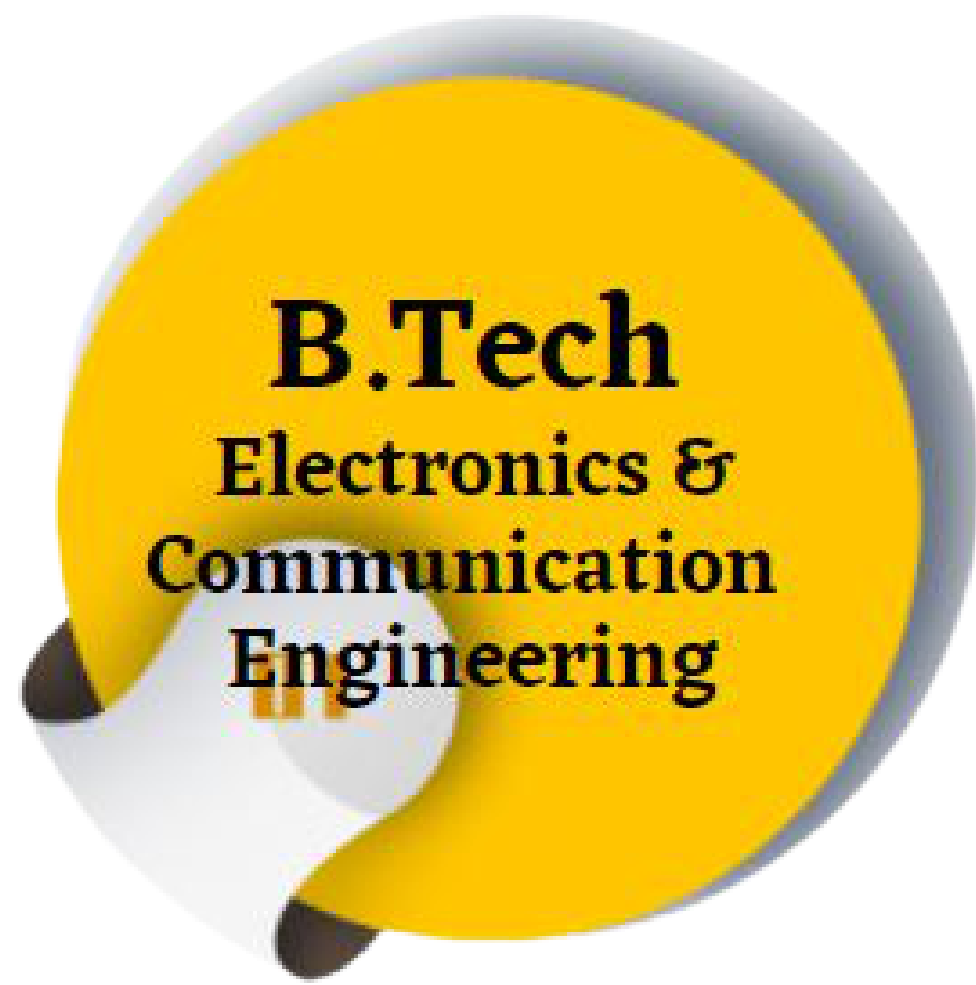
Department of ECE established in 2002 with an intake of 60 students to undergraduate (B.Tech) programme. The department offers two Postgraduates(M.Tech) programmes in “Electronics”. “Applied Electronics & Communication System” from 2011 with an intake of 18 students and “ VLSI Design” from 2012 with an intake of 18.

Highly qualified, experienced and dedicated staff members are the backbone of the Department. The Department always strive hard to satisfy the knowledge thirst of both students and faculties by organizing workshops / technical talks / conferences etc. The faculty members are actively involved in research work and regularly present/ publish their work in various national and international conferences / journals. The ECE Department is proud to host state-of- the art Laboratories in the area of VLSI, Embedded Systems, Microprocessor and Microcontrollers, Circuits, Analog and Digital Communication and Microwave and Optical communication.



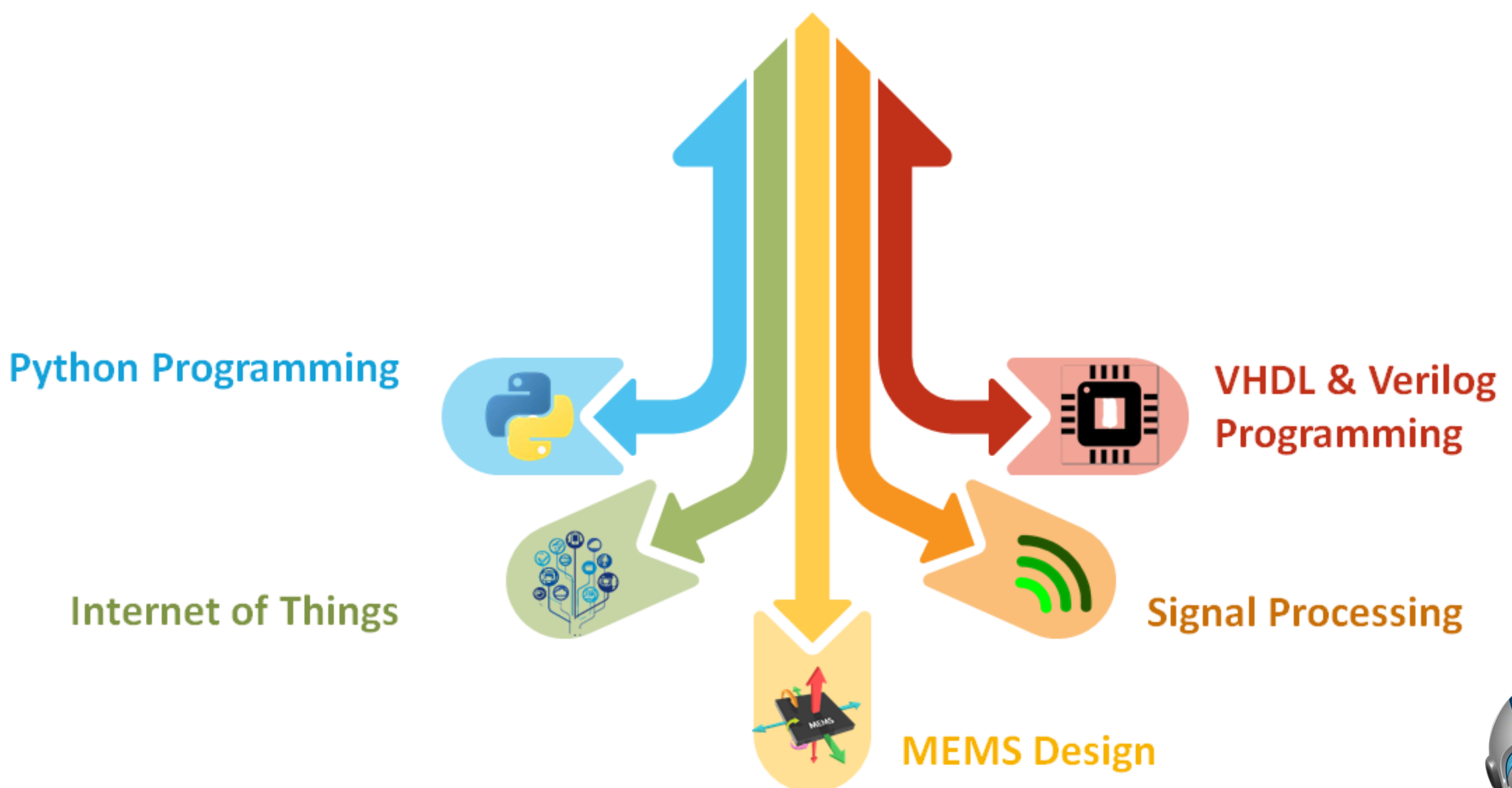


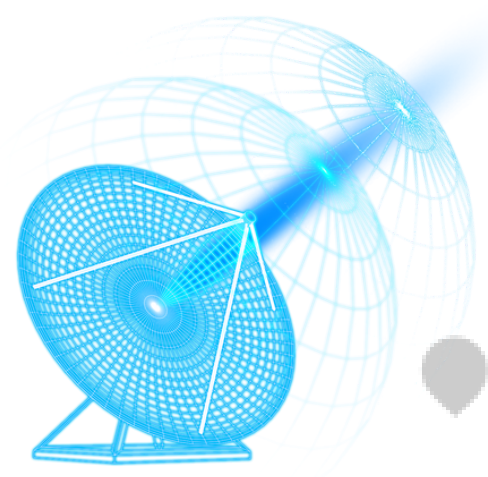
Courses Offered



Course	Duration	Number of Seats
B.Tech ECE	4 Years / 8 Semesters	60
M.Tech VLSI	2 Years / 4 Semesters	18

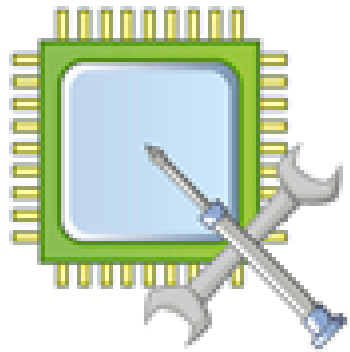
Value Added Courses



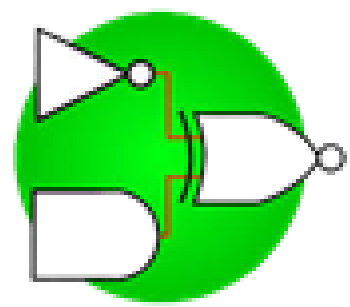


Our Laboratories

Electronics Workshop



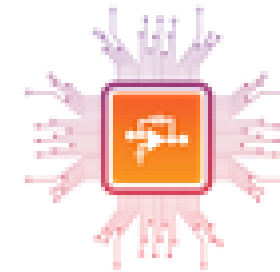
Digital Electronics Lab



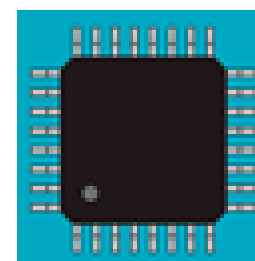
Communication Lab



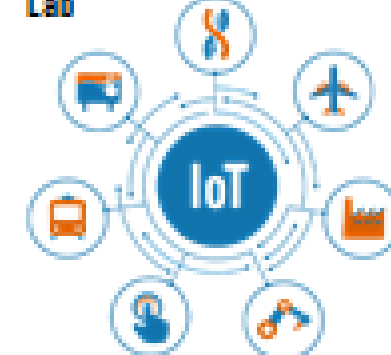
Linear Circuits & VLSI Lab



Microprocessor & Microcontroller Lab



Internet of Things Lab



Electronics Workshop



Internet of Things Lab



Digital Electronics Lab



Communication Laboratory

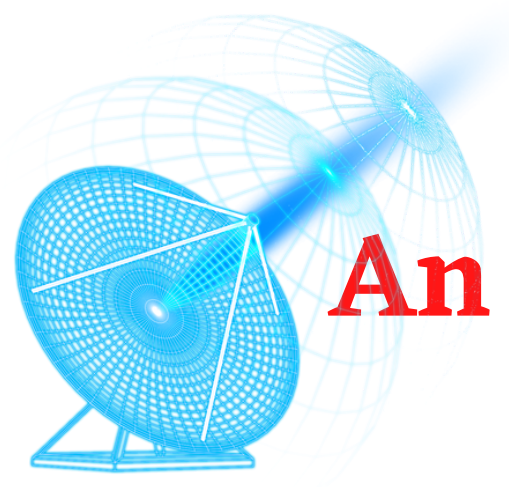


VLSI Laboratory



Microprocessor & Microcontroller Lab





Major technologies in which An Electronics & Communication Engineer can work on



Our University Rank Holders

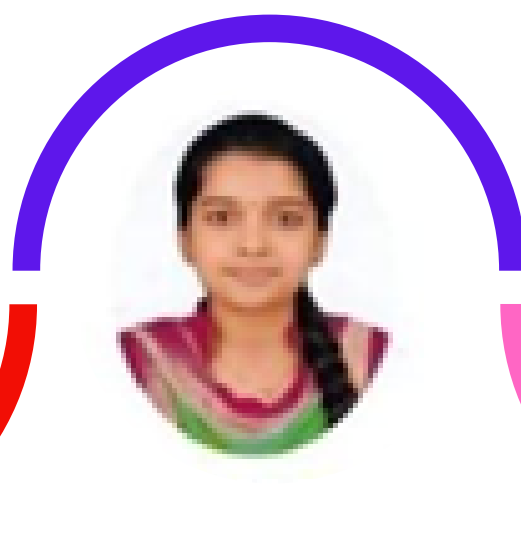
2014-18 BATCH



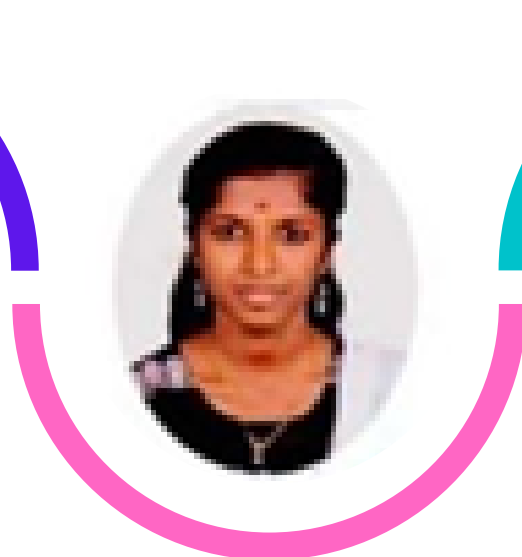
FASNA M
RANK 1



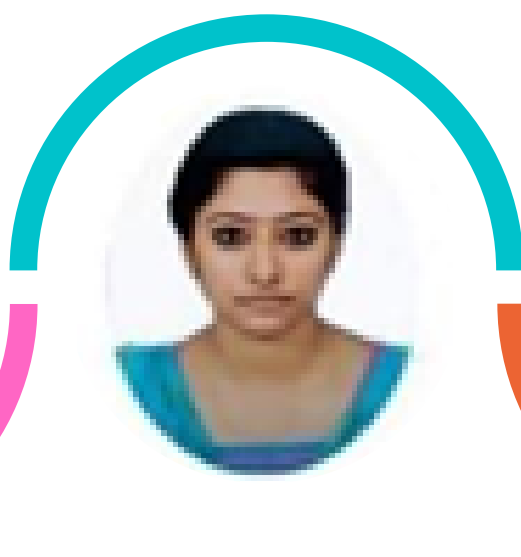
SUMAYA K S
RANK 12



ATHULYA S
RANK 20



SRUTHY P
RANK 28

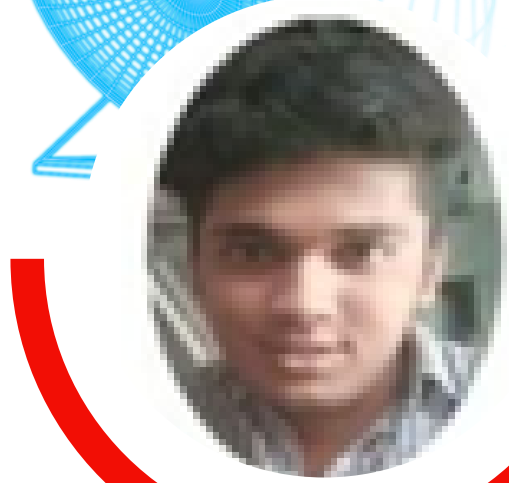


ARYA K R
RANK 29



PARVATHI DINESH
RANK 32





SHARON S
RANK 33



VEENA V
RANK 34



NITHUNA S
RANK 35



SUKANYA C R
RANK 39



RADHIKA P T
RANK 41

2014-18 BATCH



PAVITHRA
VELAYUDHAN
RANK 1



KEERTHY R
RANK 3



DIVYA
RANK 7



SARATH K S
RANK 20



KEERTHY K
RANK 29



AISWARYA ARUN
RANK 37



JOTHISH J
RANK 37



GREESHMA P M
RANK 44




SRUTHY MOL V
RANK 50




PISAT Satellite Mission-ISRO Project

M.TECH APPLIED ELECTRONICS AND COMMUNICATION SYSTEM STUDENTS (2010 TO 2012) Blesson,Akhila, Greeshma and Praveena doing their PG projects is related to PISAT satellite mission.NCERC is the first and only Engineering college in Kerala to take part in the PISAT satellite mission

SEPTEMBER 26, 2016
A GOLDEN LETTER DAY TO THE HISTORY OF NCERC


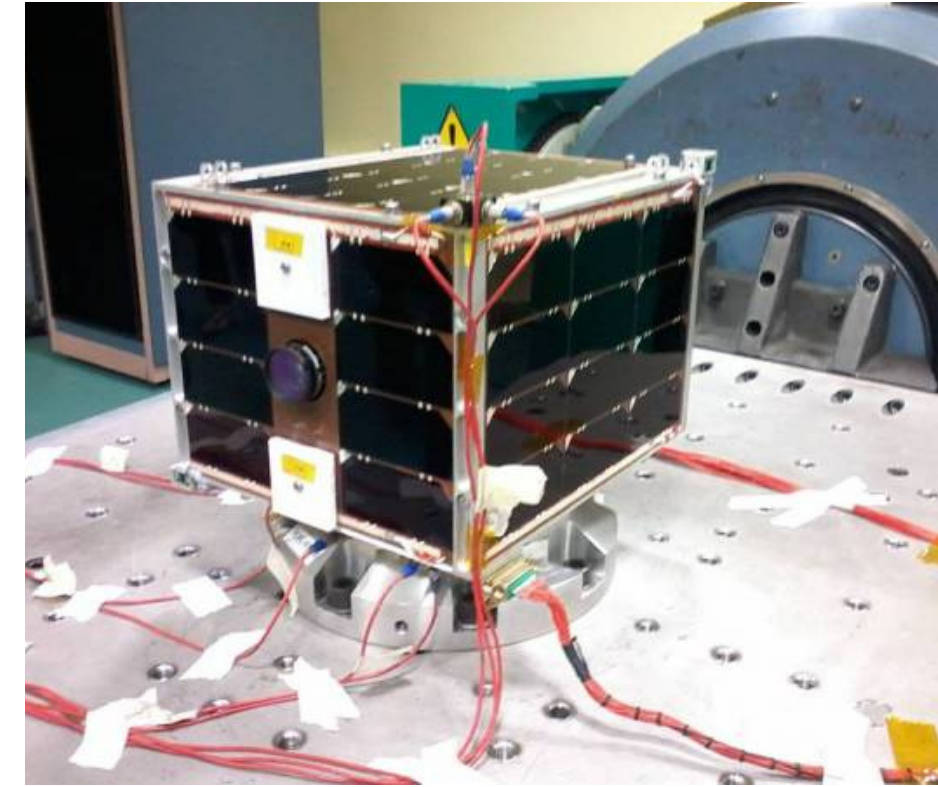
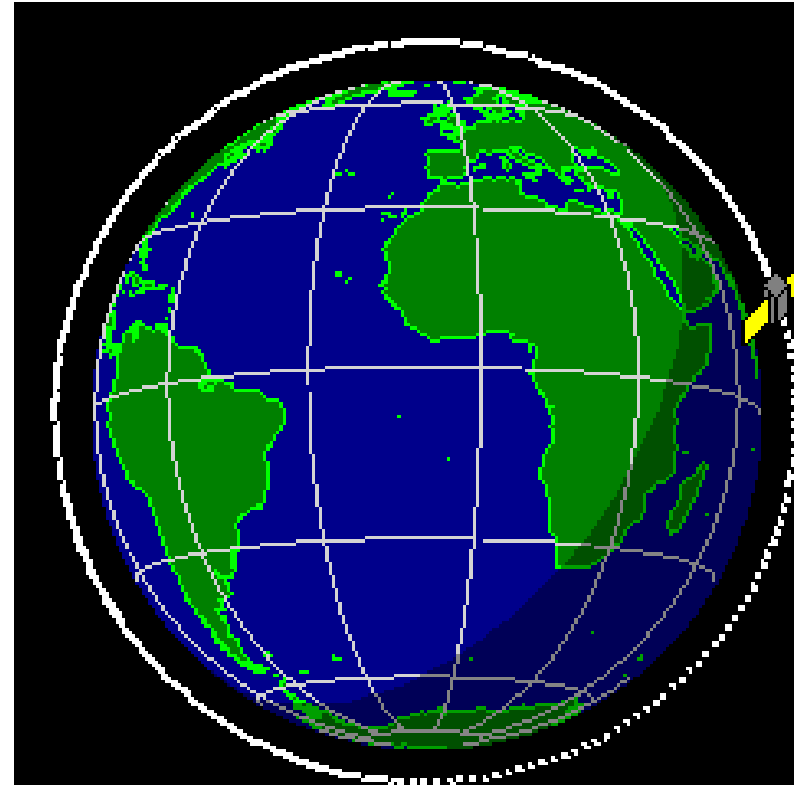


NCERC is the first and only Engineering college in Kerala to take part in the PISAT satellite mission.



When the launch vehicle PSLV-C35 fires off from Sriharikota on September 26, it will carry a student satellite named PISAT on board developed by a team of students of **Nehru College of Engineering & Research Centre, Pampady, Thrissur**, with PES University, Bengaluru, VEL Tech Technical University, Chennai, SKR Engineering College, Chennai, SONA College of Technology, Salem and Institution of Engineers, India.

We sincerely wish the launch of PISAT
All Success

NEHRU COLLEGE OF ENGINEERING & RESEARCH CENTRE
 Pampady , Thiruvilwamala

A Golden Letter Day to the History of NCERC by M.Tech Applied Electronics & Communication System Students(2010-12 Batch)...



NCERC is the First & only Engineering College in Kerala to take part in the PISAT Satellite Mission.



Akhila



Blesson



Greeshma



Praveena

Hearty Congrats ...

Massive Open Online Courses-MOOC/NPTEL Gold & Silver medal Winners

Elite

NPTEL Online Certification
 (Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
AJAY KUMAR P V
 for successfully completing the course

Introduction to Internet of Things
 with a consolidated score of **99 %**

Online Assignments	23.91/25	Proctored Exam	75/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 5439

Jan-Apr 2019
 (12 week course)


A. Goswami
 Prof. Adrijit Goswami
 Dean, Continuing Education & NPTEL Coordinator
 IIT Kharagpur



Indian Institute of Technology Kharagpur

Elite

NPTEL Online Certification
 (Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
ADHWAITHA M
 for successfully completing the course


Introduction to Internet of Things
 with a consolidated score of **86 %**

Online Assignments	24.56/25	Proctored Exam	61.5/75
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Total number of candidates certified in this course: 5439

Jan-Apr 2019
 (12 week course)

A. Goswami
 Prof. Adrijit Goswami
 Dean, Continuing Education & NPTEL Coordinator
 IIT Kharagpur

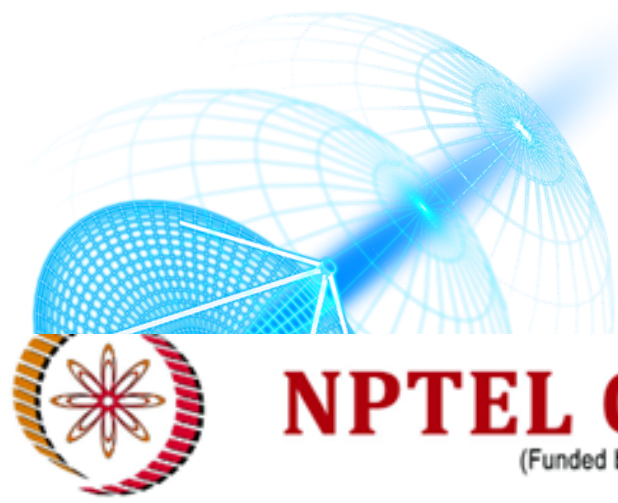


Indian Institute of Technology Kharagpur

Roll No: NPTEL19CS31531910099

To validate and check scores: <http://npTEL.ac.in/noc>





NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
AMRITHA KRISHNADAS
for successfully completing the course



Introduction to Internet of Things

with a consolidated score of **93** %

Online Assignments	23.72/25	Proctored Exam	69/75
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Total number of candidates certified in this course: **5439**

A. Goswami
Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur

Jan-Apr 2019
(12 week course)



Indian Institute of Technology Kharagpur



Elite NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
APARNA RENNY PAUL
for successfully completing the course



Introduction to Internet of Things

with a consolidated score of **84** %

Online Assignments	23.94/25	Proctored Exam	60/75
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Total number of candidates certified in this course: **5439**

Jan-Apr 2019
(12 week course)

A. Goswami
Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CS31S41910061

To validate and check scores: <http://nptel.ac.in/noc>



Elite NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
HALEEMA H
for successfully completing the course



Electronic Waste Management - Issues And Challenges

with a consolidated score of **80** %

Online Assignments	24.42/25	Proctored Exam	55.1/75
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Total number of candidates certified in this course: **1516**

A. Goswami
Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur

Jan-Feb 2019
(4 week course)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CE06S11690134

To validate and check scores: <http://nptel.ac.in/noc>



Elite NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
VARSHA MK
for successfully completing the course



Technical English for Engineers

with a consolidated score of **76** %

Online Assignments	21.67/25	Proctored Exam	54.75/75
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Total number of candidates certified in this course: **2734**

Devendra Jalihal

Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jul-Sep 2019
(8 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S21820099

To validate and check scores: <https://nptel.ac.in/noc>



Elite NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
DEVISREE D
for successfully completing the course



Electronic Waste Management - Issues And Challenges

with a consolidated score of **76** %

Online Assignments	24.42/25	Proctored Exam	52.04/75
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Total number of candidates certified in this course: **1516**

A. Goswami
Prof. Adrijit Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur

Jan-Feb 2019
(4 week course)



Indian Institute of Technology Kharagpur



Roll No: NPTEL19CE06S11690142

To validate and check scores: <http://nptel.ac.in/noc>



Elite NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



This certificate is awarded to
ASHWATHY UMESH MENON
for successfully completing the course

Interaction Design

with a consolidated score of **81** %

Online Assignments	19.00/25	Proctored Exam	61.5/75
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Total number of candidates certified in this course: **67**

Prof. Sunil Khijwania

Prof. Sunil Khijwania
Head, Center for Educational Technology
NPTEL Coordinator, IIT Guwahati

Aug-Sep 2018
(4 week course)



Indian Institute of Technology Guwahati



Elite

NPTEL Online Certification
(Funded by the Ministry of HRD, Govt. of India)




This certificate is awarded to
VARSHA MK
for successfully completing the course
Technical English for Engineers

with a consolidated score of **76** %

Online Assignments	21.67/25	Proctored Exam	54.75/75
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Total number of candidates certified in this course: **2734**



Prof. Devendra Jalihal
Chairman
Centre for Continuing Education, IITM

Jul-Sep 2019
(8 week course)

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL19HS31S21820099 To validate and check scores: <https://nptel.ac.in/noc>

Elite

NPTEL Online Certification
(Funded by the Ministry of HRD, Govt. of India)




This certificate is awarded to
JITHIN JOSE KALLADA
for successfully completing the course
Introduction to Internet of Things

with a consolidated score of **99** %

Online Assignments	23.94/25	Proctored Exam	75/75
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Total number of candidates certified in this course: **5439**

Prof. A. Goswami
Dean, Continuing Education & NPTEL Coordinator
IIT Kharagpur

Jan-Apr 2019
(12 week course)



Indian Institute of Technology Kharagpur



Contribution Towards Covid 19

FINAL YEAR STUDENT MUHAMMED SHAFFAHAN developed an innovative project named UV Disinfection System

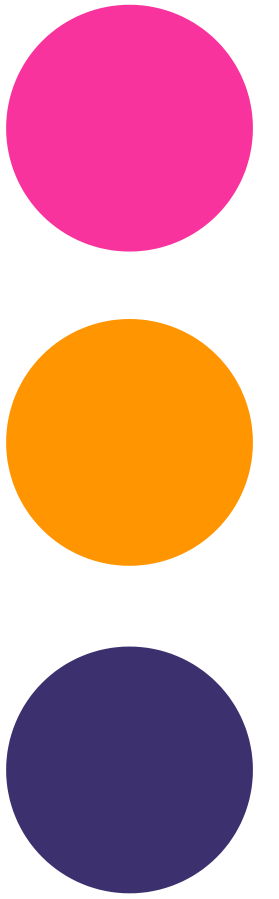


Major Projects

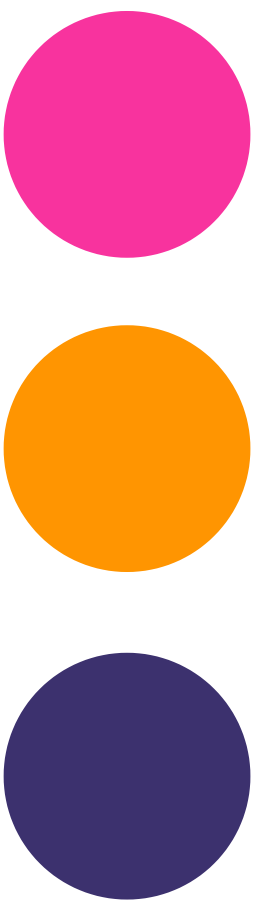
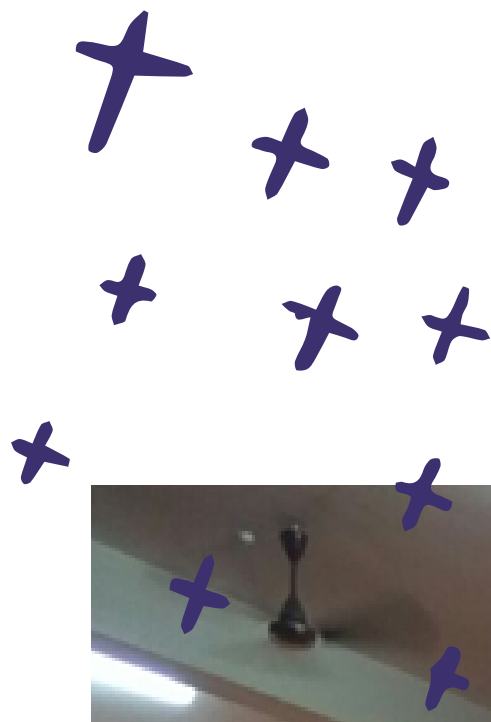


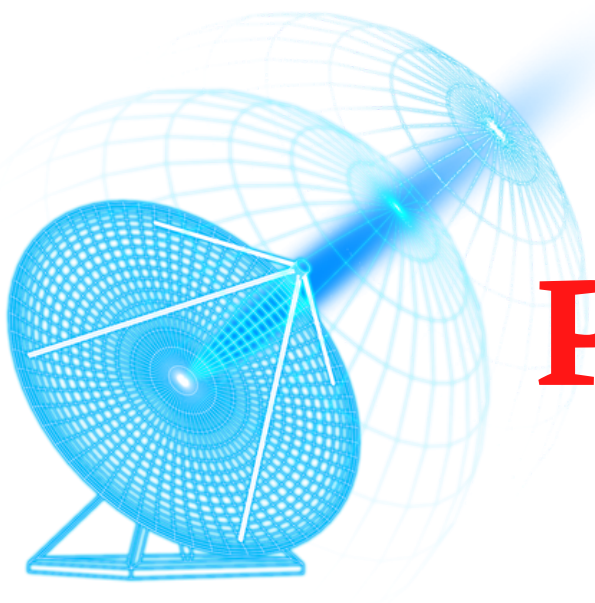


Student Support Activities



IETE





Placements



Aiswariya A.P
(2019-21 M.Tech VLSI)



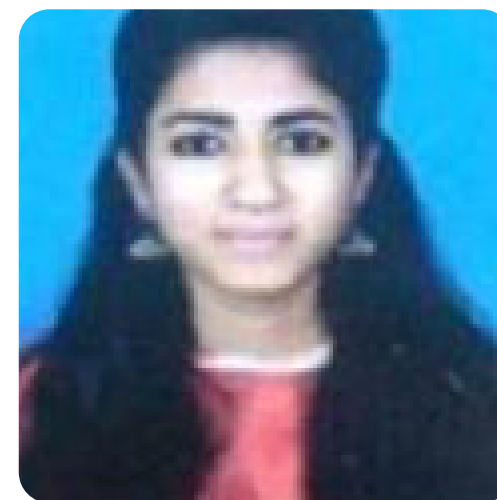
Vishnumaya C
(2019-21 M.Tech VLSI)



Anjali Krishnan
2016-20 B.Tech ECE



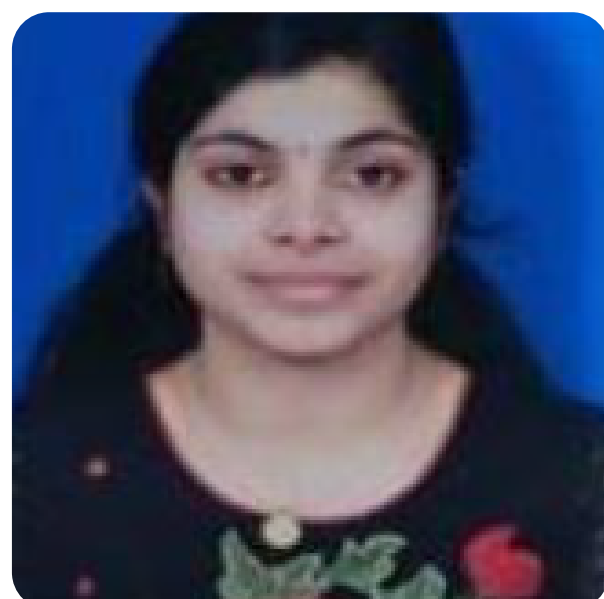
Abhinaya Vishakhan
2016-20 B.Tech ECE



Reshma Krishna
2016-20 B.Tech ECE



Rishana N
2016-20 B.Tech ECE



Ahalya S
2016-20 B.Tech ECE



Maya M
2016-20 B.Tech ECE





Greeshma M G
2016-20 B.Tech ECE



Dhanusha M
2016-20 B.Tech ECE



Binzilz V
2016-20 B.Tech ECE



Janeesa John
2016-20 B.Tech ECE



Athul Gopinath
2016-20 B.Tech ECE

Potential Recruiters



TRENDS TRANSFORMING THE ELECTRONICS INDUSTRY OUTLOOK

Impact of 5G Technology

1.2 Billion dollars for the sales & retail sector

Increased Bandwidth, Low latency Communications, High Availability, Greater Energy Efficiency

Extended Reality(XR)

Virtual Reality + Augmented Reality

Biomedical Engineering on the Rise

employment of biomedical engineers is projected to grow 4 percent from 2018 to 2028

IoT & AI

520 Billion Dollar Value

Hardware + Software + Integrated Systems + Tele Communication Services

Product Information Management (PIM)

Product Information + PIM Solutions + Sales Channels

Fast track to Industry 5.0

Industry 5.0 (I5) adds a human touch to automation, combining industrial automation with human cognitive skills and critical thinking



The Spirit Of Youth-Bloom

