

# **EMAGE**

**ASSOCIATION OF DEPARTMENT OF ELECTRONICS AND COMMUNICATION**

## **REPORT 2021-22**

**DEPARTMENT OF ELECTRONICS & COMMUNICATION**

**ENGINEERING**

**SAHRDAYA COLLEGE OF ENGINEERING AND TECHNOLOGY**



Sameer Abdul Azeez  
Scientist (F), NPOL  
DRDO, Ministry of Defence



Prakash G S  
Jt. Director & Head  
MSME Devt Institute, GOI



Renoh Johnson  
Senior R&D Engineer  
oDocs Eye Care, NZ



Vivek Nandakumar  
Sr. Automation Engineer  
Renault - Nissan



Dr. Jesin James  
Lecturer  
University of Auckland



Manu Joseph  
EIR Fellow, KSUM  
Researcher, Bionest



Reshma John  
Sr. Silicon Design Engineer  
Advanced Micro Devices

## Expert Talks

**SEASON 1  
2021-22**

+

**Season 2  
Coming Soon**

**INAUGURATION : 25-09-2021 3:00 PM**



- Department of Electronics & Communication Engineering conducted an invited talk on "CREATIVITY & INNOVATION -The Attitude & Altitude of Engineering". Resource person was Mr. Sameer Abdul Azeez, Scientist 'F' & Group Director (Technology Management) Naval Physical Oceanographic Laboratory (NPOL), Defence Research & Development Organisation (DRDO), Ministry of Defense, Government of India. Date : 25th Sept 2021, Saturday\*. The talk was for S7 ECE students.

Meet link : <https://meet.google.com/aed-aaht-evv>



- Department of Electronics & Communication Engineering conducted an Expert talk on "PLAN YOUR CAREER THE RIGHT WAY"- A Career Guidance to the S7 ECE .Resource person was Mr. Franklin Francis, Embedded / firmware professional on 6th October 2021, Wednesday. Time : 2 - 3pm



link 

[meet.google.com/zde-tskp-yzz](https://meet.google.com/zde-tskp-yzz)

- Department of Electronics & Communication Engineering conducted an expert talk on “Career opportunities in semiconductor industry” to the S7 ECE. Resource person was Ms. Reshma John, Senior Silicon Design Engineer, AMD, Bangalore on 27th October 2021, Time : 11 am - 12 pm for S7 ECE.

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

## EXPERT TALK ON CAREER OPPORTUNITIES IN SEMICONDUCTOR INDUSTRY



**Ms. Reshma John**  
Senior Silicon Design Engineer  
AMD, Bangalore

→ **27 TH OCTOBER** ←  
**11 AM-12 PM**

STUDENT CO-ORDINATORS  
ANN MARY JOSE | CHIPPY BENNY

**eMAGE**  
Department of ECE

**SAHRDAYA**  
College of Engineering & Technology  
Kodakara - Thrissur - 680684

- Department of Electronics & Communication Engineering conducted an alumni interaction on “What to look forward in an interview” for S7 ECE. Resource person was Mr. Richard Joy (2016-20 batch), Software Developer, SOTI on 5th November 2021, Time : 1.00 pm to 2 p.m.

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Alumni Interaction

## WHAT TO LOOK FORWARD IN AN INTERVIEW



**Richard Joy**  
Software Developer - SOTI  
2016-2020 Batch

← **5 NOVEMBER | FRIDAY | @1PM** →

STUDENT COORDINATOR  
Anns Philo Anto A

**eMAGE**  
Department of ECE

**SAHRDAYA**  
College of Engineering & Technology



- Department of Electronics & Communication Engineering conducted an Industry interaction on “How to start a project” for the S7 ECE. Resource person was Mr. Manu Joseph, EIR Fellow, KSUM on 17th November 2021, Time : 3 p.m..

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

INDUSTRY INTERACTION  
ON  
HOW TO START A PROJECT



**MANU JOSEPH**  
EIR fellow, Kerala Startup Mission  
Researcher, Bionest

17 NOVEMBER | WEDNESDAY | @3PM

STUDENT COORDINATOR  
ANLIN BABU

FACULTY COORDINATOR  
VIDYAMOL K


  
Electronics Makers Association for Geared Excellence


  
SAHRDAYA  
College of Engineering & Technology

- Department of Electronics & Communication Engineering conducted an expert talk on "Speech technology for every language and your role in it" for the S7 ECE. Resource person was Dr. Jesin James, Professor, University of Auckland on 19th November 2021, Time : 8.45 am to 9.45 a.m. .

**DEPARTMENT OF ELECTRONICS AND  
COMMUNICATION ENGINEERING**

**EXPERT TALK**

**"Speech Technology for every language  
and your role in it"**



**Dr. JESIN JAMES**  
University of Auckland  
New Zealand

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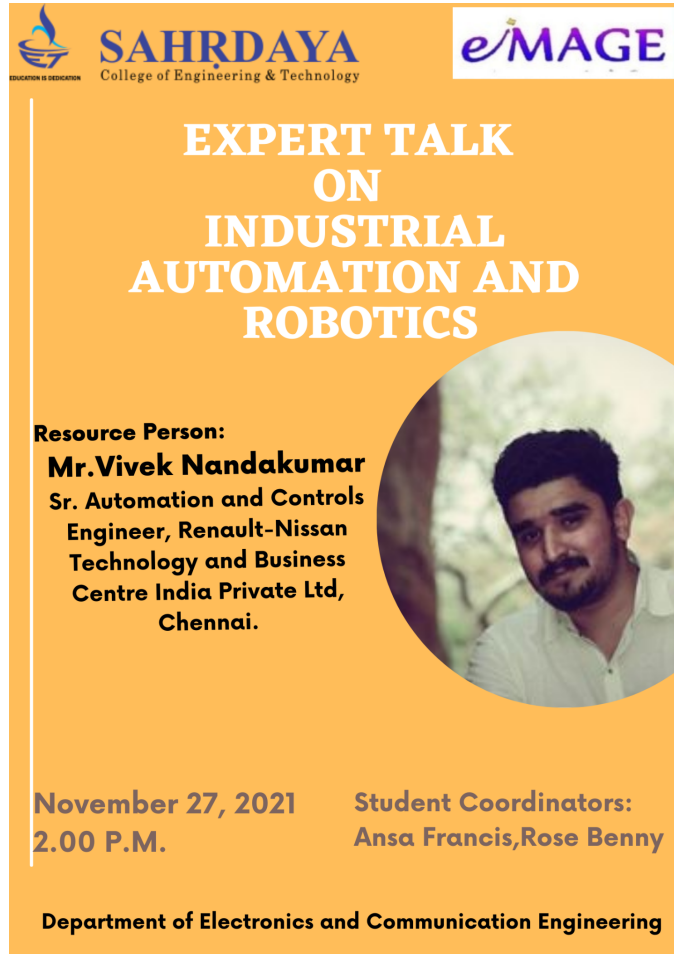
**19.11.21 | 8.45 - 9.45 AM**

**Student Co-ordinators- Alisha Jose | Binoy T Varghese**

 **SAHRDAYA**  
College of Engineering & Technology

 **eMAGE**

- Department of Electronics & Communication Engineering conducted an expert talk on “Industrial automation and robotics” for the S7 and S5 ECE. Resource person was Mr. Vivek Nandakumar, Sr. Automation and Controls engineer, Renault-Nissan on 27 th November 2021, Time : 2.00 pm to 3.00 p.m.



The poster is orange with white text. At the top left is the SAHRDAYA logo with the tagline 'EDUCATION IS INSPIRATION' and 'College of Engineering & Technology'. At the top right is the eMAGE logo. The main title 'EXPERT TALK ON INDUSTRIAL AUTOMATION AND ROBOTICS' is centered in large white capital letters. Below the title, on the left, is the text 'Resource Person: Mr. Vivek Nandakumar Sr. Automation and Controls Engineer, Renault-Nissan Technology and Business Centre India Private Ltd, Chennai.' To the right of this text is a circular portrait of Mr. Vivek Nandakumar. At the bottom left, it says 'November 27, 2021 2.00 P.M.' and at the bottom right, 'Student Coordinators: Ansa Francis, Rose Benny'. The footer at the bottom center reads 'Department of Electronics and Communication Engineering'.

- Department of Electronics & Communication Engineering in association with Department of CSE conducted technical talk on “Data labelling and segmentation” and AI & ML Industrial Application for the S7 ECE and CSE students. Resource persons were Mr. Jerril Kala, Co-founder Data Labeler and Mr. Prakash P.V., Business head, Star Innovations. on 30 th November 2021, Time : 11 a.m..



**ACES**  
SAHRDAYA



DEPARTMENT OF ELECTRONICS AND  
COMMUNICATION ENGINEERING  
-In Association with-  
DEPARTMENT OF COMPUTER SCIENCE  
AND ENGINEERING

TECHNICAL TALK  
ON  
**DATA LABELLING  
&  
SEGMENTATION**

**JERRIL KALA**

CO FOUNDER AT DALA LABELER  
WEST VIRGINIA UNIVERSITY

Date: 30/11/ 2021 | Time: 11AM  
Venue: CSE Seminar Hall



**ACES**  
SAHRDAYA



DEPARTMENT OF ELECTRONICS AND  
COMMUNICATION ENGINEERING  
-In Association with-  
DEPARTMENT OF COMPUTER SCIENCE AND  
ENGINEERING

TECHNICAL TALK  
ON  
**AI & ML**  
INDUSTRY APPLICATIONS

**PRAKASH P V**

BUSINESS HEAD  
STAR INNOVATIONS

Date: 30/11/ 2021 | Time: 11AM  
Venue: CSE Seminar Hall

- Department of Electronics & Communication conducted an invited talk on the topic : " Dreaming to be own boss - supporting programs and policies ".Resource person Prakash GS IEDS (Indian Enterprise Development Service) ,Joint Director & Head of Office,MSME Development Institute Thrissur,Ministry of MSME, Govt of India on 10th January 2022, from 2:15 - 3:30pm for S5 and S3 ECE.

Google Meet Platform

link 🖱️ <https://meet.google.com/rzi-otyg-pbb>



- Department of Electronics & Communication Engineering of Sahrdaya College of Engineering and Technology in Association with Placement Cell of ECE Department conducted an expert talk on Topic : "CAREER OPPORTUNITIES in VLSI AND EMBEDDED SYSTEMS INDUSTRY " on 15th January 2022, SATURDAY, from 10:00am - 12:00pm . Google Meet Platform : <https://meet.google.com/ewe-rxoh-kpq>

Resource persons were

- Mr. ARUN JOHN MATHIAS  
MANAGER, SANDEEPANI  
COREEL TECHNOLOGIES INDIA PVT. LTD.
- Mr. PRONADEEP .B  
FACULTY, SANDEEPANI COREEL TECHNOLOGIES INDIA PVT. LTD.



Department of Electronics and Communication Engineering

# AN EXPERT TALK ON CAREER OPPORTUNITIES IN VLSI AND EMBEDDED SYSTEMS INDUSTRY

**Mr.ARUN MATHAIS**

MANAGER , SANDEEPANI  
COREEL TECHNOLOGIES INDIA PVT. LTD.

&

**Mr.PRONADEEP.B**

FACULTY , SANDEEPANI  
COREEL TECHNOLOGIES INDIA PVT. LTD

15TH JANUARY 2022

10 AM -12 PM



STUDENT CO-ORDINATORS

MANU KRISHNA & AISWARYA PRAMOD



## Workshops:

- Hardware club of ECE in association with IEDC conducted a 5 day workshop on Python programming for beginners from October 2 to 6,2021.



- Emage organized a one day training for the technical staff of ECE,BME,CSE and EEE on Proteus software on November 12,2021.The sessions were handled by Ms.Binet Rose devassy and Ms.Chinchu Jose.



For Branches:  
ECE  
BME  
CSE  
EEE

November 10, 2021 | 10 AM | ECE LAB VI

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## TECHNICAL STAFF SKILL DEVELOPMENT PROGRAM

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Simulation of Electronic Circuits using Proteus

Resource Persons  
Ms. Binet Rose & Ms. Chinchu Jose  
Assistant Professors, Department of ECE





- **DAC Meeting**

DAC Meeting has been conducted on 19/3/2022 at 9:30AM in Board room. Mr. Rajesh K V, Zonal Service Manager, Agappe Diagnostics Ltd. Ernakulam represented the industry and discussed the formulation of Department Vision and Mission Statement and career opportunities of students in the Healthcare field.

Participants:

1. All the faculties of ECE Department
2. Mr. Rajesh K V, Zonal Service Manager, Agappe Diagnostics Ltd.
3. Mr. Paulson (Parent representative)
4. Ms. Blessy Paulson (Alumni)





- As part of the final project work, a brainstorming session was conducted within each project group and the supervising guide named **Coffee with the Mentor** on 24/2/2022.



- **Industrial Visit at Maker Village and FABLAB at Kerala Startup Mission**  
Faculty members and technical staff of ECE has visited Maker village and Fablab at Kerala startup mission, Kalamasseri, Ernakulam to learn about various facilities and technologies in the field of electronics manufacturing.  
Date: 27/3/2022





- **Industry Interaction**

Conducted Industry Interaction on the topic Career opportunities in Business Intelligence by Ms. Anagha Valsakumar, Application Development Senior Analyst, Accenture, Bangalore.

Date: 1/4/2022

Time: 11am-12pm

Audience: S8 ECE and BME

DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING  
IN ASSOCIATION WITH PLACEMENT CELL

# Industry Interaction.

Career Opportunities in Business Intelligence

Ms. ANAGHA VALSAKUMAR  
Application Development  
Senior Analyst, Accenture



Coordinators  
Ms. Anju Babu | Ms. Jisha Jacob

Date  
1-4-2022

Time  
11AM -12PM



- Industrial Visit at ITI limited Kanjikode

- Final year students (2018-22 batch) along with two faculty members (33+2) visited ITI Limited Kanjikode, Palakkad on 2/4/2022 as part of Industrial visit.







## आईटीआई लिमिटेड

(भारत सरकार का उपक्रम)

पालक्काड प्लांट

कन्यिकोड वेस्ट, पालक्काड ६७८ ६२३, भारत

फोन : (०४९१) २५६६०१० (४ लाईन)

फैक्स : (०४९१) २५६६००९

ई-मेल : iti\_pkd@itilttd.co.in

वेब साईट : www.itilttd-india.com



## ITI LIMITED

(A Govt. of India Undertaking)

Palakkad Plant

Kanjikode West, PALAKKAD - 678 623 INDIA

Phone : (0491) 2566010 (4 Lines)

FAX : (0491) 2566009

E-Mail : iti\_pkd@itilttd.co.in

Web Site : www.itilttd-india.com

Ref : HR/PR/4-17

Date : 02.04.2022

### CERTIFICATE

This is to certify that 33 students & 2 Staff from Department of Electronics & Communication Engineering, Sahrdya College of Engineering & Technology, Kodakara; visited our Plant on 02.04.2022 as part of their curriculum.

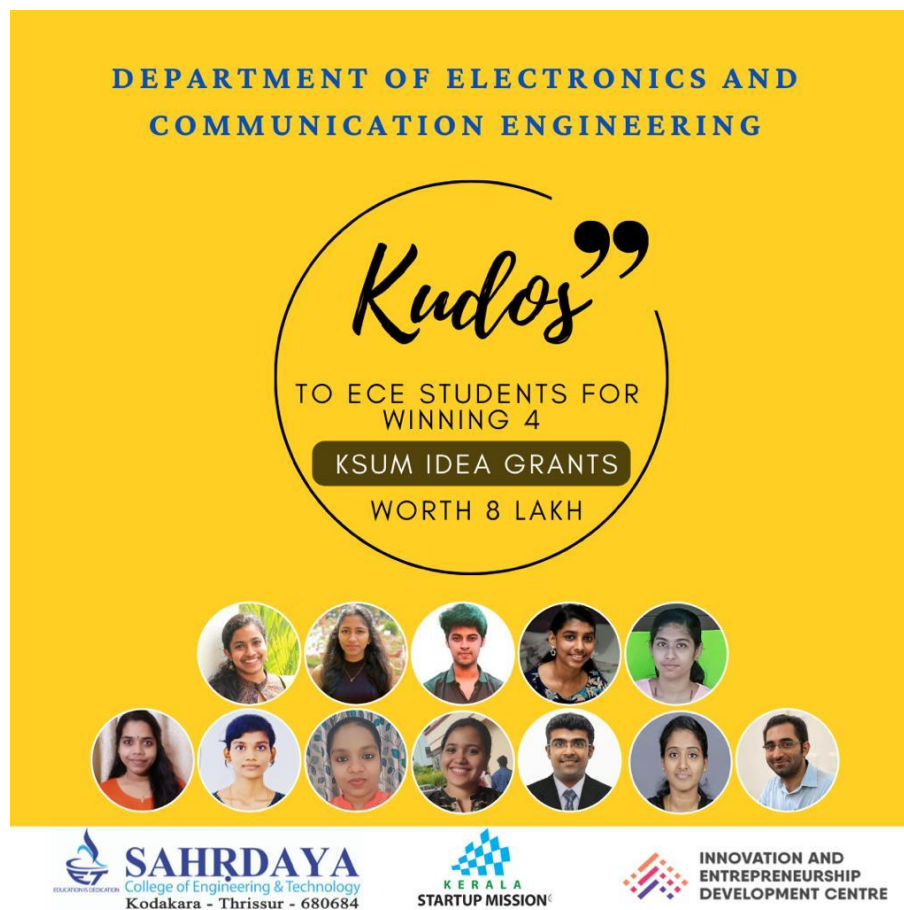
(RAMESANUNNY K.M.)



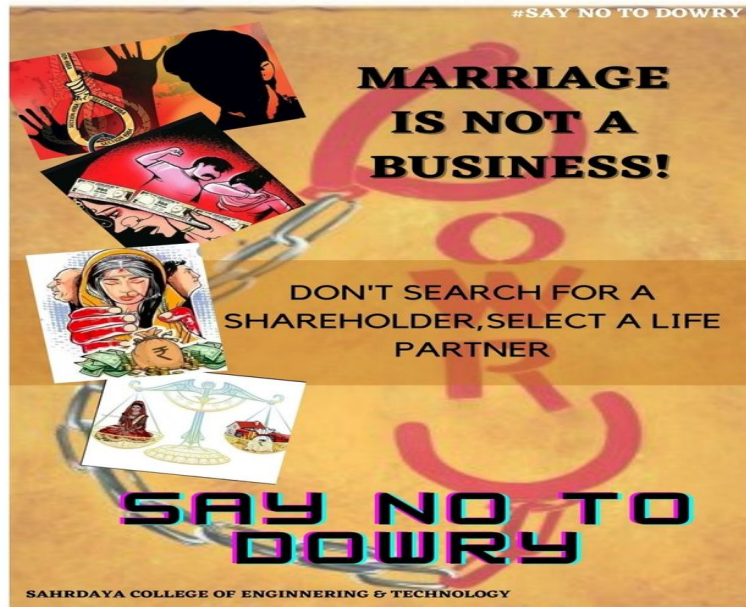
सहायक प्रबंधक प्रशासन  
ASST MANAGER-P.R.  
ITI Limited  
(A Govt. of India Undertaking)  
कन्यिकोड वेस्ट, पालक्काड-६७८ ६२३  
Kanjikode West Palakkad-678 623

# Students Achievements

- A total of 4 Idea grants were awarded to the following students of 2018-22 Batch under the guidance of Dr. Vishnu Rajan, Dr. Arun Thomas and Ms. Vidhyamol K.
  1. Alisha Jose,
  2. Agnet Soman
  3. Adlee Xavier
  4. Akshara
  5. Alfi
  6. Alisha John
  7. Anish Varghees
  8. Anns Philo



- Ann Mary and Chippy Benny of final year ECE secured first prize in digital poster making competition "Say No to Dowry " hosted by SCET.



- 9 students got K-DISC FSD scholarship. The students are Lakshmi, Ayona, Nicemol, Anish, Ann Mary, Alisha Jose, Alisha John, Akshara and Adlee Xavior of S7 ECE.



- 8 students got Internship opportunity at NPOL, DRDO. The students are Alisha Jose, Agnet Soman, Anns Philo, Enson Christo, Ann Mary, Rose Benny, Joshwa Chiramel, and Mahitha Johns of S7 ECE.





**SAHRDAYA**  
College of Engineering & Technology

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

*Congrats Dears!!!!*

**Internship at NPOL, R&D laboratory of  
Defence Research and Development  
Organisation (DRDO).**



**Alisha Jose**



**Aganet Soman**



**Annsphilo Anto**



**Enson Christo**



**Annmary**



**Rose Benny**



**Mahitha**



**Joshwa**

***Final year ECE students***

**As a part of 'Azadi ka Amrit Mahotsav' programme,  
A Govt of India initiative to commemorate 75 years of  
independence**

- Mr. Adlee Xavier of 2018-22 ECE batch, Sahridaya College of Engineering and Technology has completed a consultancy work for Star Innovations company (Embedded Project development) on "LED driver design using NodeMCU & ATMEGA 328" under the guidance of Dr. Vishnu Rajan, HOD, ECE, Sahridaya College of Engineering and Technology during November/December 2021.

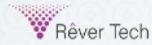
Date: 15/12/2021

**CERTIFICATE OF APPRECIATION**

This is to certify that Mr. Adlee Xavier of 2018-22 ECE batch, Sahrdaya College of Engineering and Technology has completed a consultancy work for our company (Embedded Project development) on “LED driver design using NodeMCU & ATMEGA 328” under the guidance of Dr. Vishnu Rajan, HOD, ECE, Sahrdaya College of Engineering and Technology during November-December 2021. We wish all the best for his future career

  
Authorized Signatory

- The following students have completed 7 day Flutter internship and training conducted by ReverTech IT solutions from 26th December 2021 to January 1st,2022.
  1. V Aiswarya Pramod
  2. Aleena Antony
  3. Alex Babu P
  4. Aljo Jose
  5. Angela Sabu
  6. Ann Mariya Johny
  7. Aswathy Ashok
  8. Harikrishnan K
  9. Joshua Sony C
  10. K J Aleena Mariya
  11. Lakshmi Rajkumar
  12. Mariya Shaju
  13. Muhammad Naisal Ansar
  14. Parvathy Anand
  15. Riyafathima
  16. Sreenesh M V



# Certificate of Completion

This is to certify that

**V AISWARYA PRAMOD**

From Sahrdaya College of Engineering and Technology  
Has successfully completed 7 days Flutter internship  
and training conducted by Revertch IT solutions  
held from 26 December to 01 January

A handwritten signature in black ink, appearing to read "Midhun M".

**MIDHUN M**  
Director, Revertch IT solutions

2-1-2022

**DATE**

**Placements**



## PLACEMENTS 2021-22

*This is our promise*

Placement statistics of  
final year ECE Students till Sem 7



DISNA AJI  
TCS



AKSHARA M M  
TCS



ALISHA JOSE  
TCS



ANSA FRANCIS  
TCS, WIPRO



NICEMOL JOHNS  
QUEST, WIPRO



ALFI FRANCIS  
SUTHERLAND



VARGHESE JOY N  
SUTHERLAND



ANISH VARGHESE  
SUTHERLAND



SAHLA P S  
SUTHERLAND



JOSHWA R CHIRAMEL  
SUTHERLAND



AGANET SOMAN  
UST



T GAUTHAM SANKER  
WIPRO



AYONA P R  
TCS, COGNIZANT



MAHITHA T M  
TCS



ALISHA JOHN K  
TCS, QBURST



ANN MARY JOSE  
HEXWARE  
SUTHERLAND



BINOY T VARGHESE  
SUTHERLAND



CHRISTO JEESON  
SUTHERLAND



CHIPPY BENNY  
SUTHERLAND  
DATA LABELER



LAKSHMI M NAIR  
IBS, UST  
COGNIZANT



ANNS PHILO ANTO A  
UST, COGNIZANT



ROSE BENNY  
UST



ADLEE XAVIER  
SUTHERLAND, BYJUS,  
VIRTUSA, QBURST



ANLIN BABU  
SUTHERLAND  
QBURST



FARHAN RASHID  
SUTHERLAND



BLESSY ES  
COGNIZANT



DERIN DAVIS  
SUTHERLAND

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



NICEMOL JOHNS



CONGRATULATIONS

Placed @  **QUEST**  
BORN TO ENGINEER

 **eMAGE**  
Electronics Masters Association for Gender Excellence

 **SAHRDAYA**  
College of Engineering & Technology

**placed @ wipro**



**NICEMOL JOHNS**  
**S7 EC**



**T GAUTHAM**  
**SANKER**  
**S7 EC**



**ANSA FRANCIS**  
**S7 EC**

**Placed @ UST Global**

**U ·**  
**S T**



**ANNS PHILO ANTO A**  
**S7 ECE**



**LAKSHMI M NAIR**  
**S7 ECE**



**ROSE BENNY**  
**S7 ECE**




**AGANET SOMAN**  
**S7 ECE**



PLACED @ IBS



**Lakshmi M Nair**  
S7 , ECE

 SUTHERLAND



*Chippy Benny*



*Adlee Xavier*



*Anlin Babu*



*Farhan Rashid*



*Joshua R Chiramel*

*Placed at*



**MANASY SURESH M**  
MTECH  
EMBEDDED SYSTEMS  
2020-2022



**ADLEE XAVIER**

**PLACED @**



**ANNS PHILO ANTO**  
S7 ECE



**LAKSHMI M NAIR**  
S7 ECE



**BLESSY E.S**  
S7 ECE



**AYONA P.R**  
S7 ECE

**PLACED @**

**Cognizant**





**ADLEE XAVIER**  
S7 ECE

**PLACED @**



**&**



**ANNMARY JOSE**

**PLACED @**

