

ECE NEWZ

E-Newsletter From Dept. of ECE

Albertian Institute of Science and Technology (AISAT) - Technical Campus



VISION

“To generate technically competent employable Engineers for the Electronics and Communication industry who will work towards the betterment of society and nation.”

MISSION

- Impart knowledge in the field of electronics with ample opportunities for practice, research, innovation and entrepreneurship.
- Adapt to technological advancements by regular interactions with experts from industry and academicians to generate quality professionals.
- Provide value-based education to develop socially responsible engineers.

PROGRAM EDUCATIONAL OBJECTIVES

Graduates of Electronics and Communication Engineering shall

PEO1: Demonstrate technical aptitude to identify, analyse and design innovative, sustainable and cost-effective solutions for complex engineering problems.

PEO2: Function effectively as an individual and attune oneself to diverse teams and interdisciplinary ventures.

PEO3: Apply acquired knowledge and ethical principles for the betterment of the society.

From Principal's Desk

The Department of Electronics and Communication Engineering had already carved its own distinct position in AISAT. The motivated and dedicated faculty members train their students effectively and lead them to better academic attainments. The average students from weaker sections of society are uplifted academically and brought out as professional Electronics engineers who are placed in multinational companies. There are many examples of project works taken up by the students which resulted in products of social acceptance. The research projects undertaken by students and faculty usually finds place in Technical Conferences and Journals.

I am happy to know that the Department is introducing a quarterly newsletter highlighting the achievements of students and faculty. I am sure that the newsletter will showcase the co-curricular as well the extra-curricular achievements of the Department. It is sure that this newsletter will be another feather on the glittering crown of the department.

I am to congratulate HOD and other faculty members who are behind this venture and wish all success to the newsletter.

Dr. S. Jose

MESSAGE FROM OUR INSPIRATIONAL LEADERS...

"The ultimate measure of man is not where he stands in moments of comfort and convenience, but where he stands at times of challenge and controversy. Remembering the words of Martin Luther King Jr., I am glad to pen for this wonderful Newsletter as an appreciation of the commendable efforts put forth by the team of Electronics & Communication Engineering department. Amidst the worst situations of Covid-19, they are bringing out their Newsletter "ECE NEWZ". I wish that It may establishes to be a flint to fire the enthusiasm and excite their minds for many intrusive innovations among the students and inspire passion among the members of the faculty of Albertian Institute of Science and Technology. The most important aspect we could derive from this stupendous effort is that it brings out the various technical and analytical skills of the faculty and the budding engineers.

I express my compliments to the Head of the Department, The Editors, students and their dedicated faculty for their valuable efforts in bringing out this issue. I wish them all triumph!

May the Lord shower his blessings upon you.

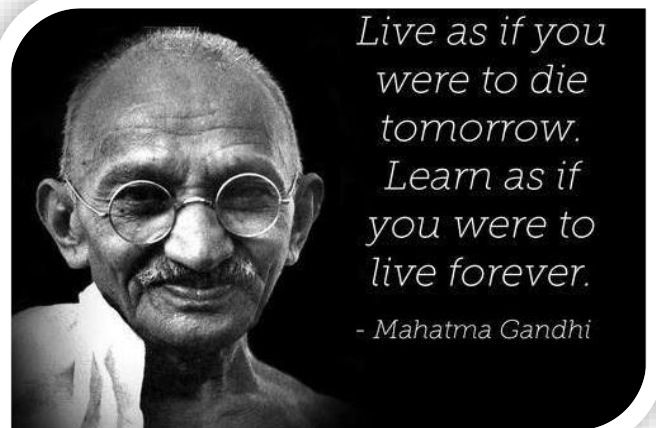
**Rev. Fr. Denny Mathew Peringatt
Manager**

I am pleased to hear that department of ECE is bringing out newsletter "ECE NEWZ ". It is to promote the activities and achievements of the students during the academic year.

The progress and growth of a student covers up with inspirational stories and events. The intellectual, physical and emotional growth of a student depends on the stunning victories of their seminars and best teaching faculty.

I wish all success to this new venture. I appreciate all the team members behind this effort. Let this effort be a guide to all the readers.

**Rev. Fr. Rajan Kizhavana
Associate Manager**



From Our HOD...

"The best way to predict the future is to create it" -Peter Drucker

Welcome to the Dept. of ECE, AISAT, Kochi. This newsletter will be covering departmental activities of staffs, students and major milestones achieved. The covid-19 pandemic has created a truly unique situation which affects us all. Our hearts go out to anyone who's been impacted by the virus, either directly or indirectly. During this time, we managed to keep our academic activities remain unaffected due to the unremitting efforts of the teaching as well as non-teaching staffs and our students. The coronavirus outbreak having an effect of not only forcing school closures but optimistically, perfectly positioning education systems to become more robust and innovative. Or, as "Apple" campaigned more than two decades ago, to "Think Different." This is an unexpected but necessary step to make that happen safely, and I thank management of AISAT, teaching as well as non-teaching staffs, students & their parents of department of ECE for their tremendous support and cooperation during this difficult time.

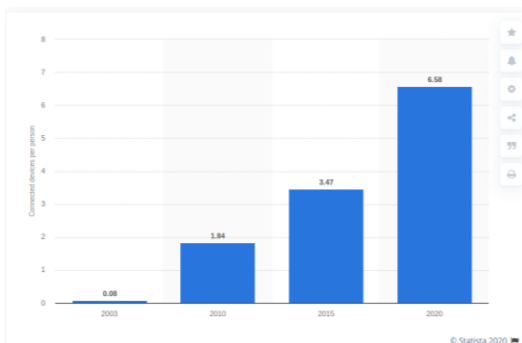
Prof. Naibin George

Semiconductors – The backbone of all

Prof. Paul Ansel V
Vice Principal

We are surrounded by devices and that too networked devices. By 2020, forecasts suggest that there will be around 6.58 network connected devices per person around the globe. With a total world population of over 7.5 billion people, this means that there could be nearly 50 billion network connected devices by 2020. We need not tell that devices have made a great difference in our life style. Recently the UN released statement that the world is now digital; 100% digital. This humongous growth would be credited to one path breaking material, “Semiconductor”. Semiconductors are used in the production of transistors and diodes, as the basic components of modern electronic devices. Semiconductors has been widely used in the electronics, integrated circuits and computer industry because it can produce better, faster, cheaper electronic devices.

The birth history of semiconductors can be traced back to the invention of the rectifier (AC-DC converter) in 1874. In 1901, the very first semiconductor device, called "cat whiskers," was patented. The device was invented by Jagadis Chandra Bose. Cat whiskers was a point-contact semiconductor rectifier used for detecting radio waves. Decades later, Bardeen and Brattain at Bell Laboratories in the US invented the point-contact transistor in 1947, and Shockley invented the junction transistor in 1948. This heralded the arrival of the transistor era.

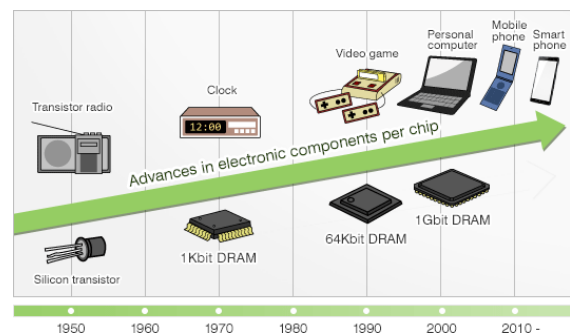


In 1967, Texas Instruments developed the electronic desktop calculator (the calculator) using IC. In Japan, electronic equipment

manufacturers released calculators one after another, and fierce “calculator wars” continued until the end of the 1970s. IC integration advanced even further, and the large-scale integrated circuit (LSI) was developed.

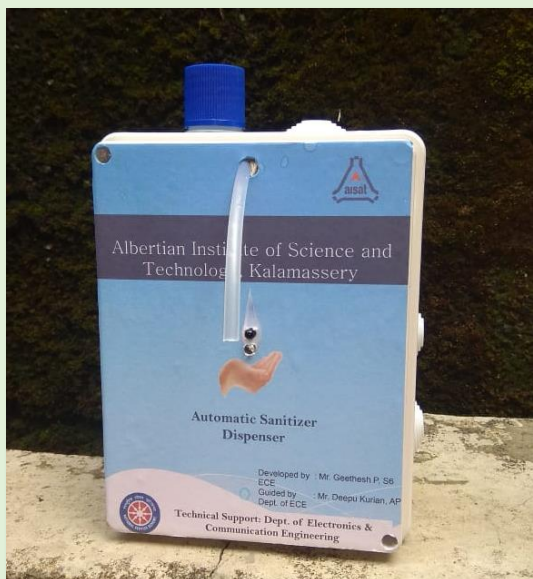
Year	Incident
1833	First Semiconductor Effect is Recorded
1874	Semiconductor Point-contact Rectifier Effect is Discovered
1901	Semiconductor Rectifier Patented as “Cat’s Whisker Detector”
1926	Field Effect Semiconductor Device Concepts Patented
1931	Theory of Electronic Semiconductors is Published
1940	Discovery of the PN Junction
1947	Invention of the Point-contact Transistor
1952	Transistorized Consumer Product Appear

The technologies continue to advance. The VLSI (from 100 thousand to 10 million electronic components per chip) was developed in the 1980s, and the ULSI (more than 10 million electronic components per chip) was developed in the 1990s. In the 2000s, the system LSI (a multifunction LSI with multiple functions integrated in a single chip) was put into full-scale production.



As IC progresses toward high performance and multiple functions, its field of application is expanding broadly. Semiconductors are now used in every nook and corner of our society. It has become the backbone of everyday life.

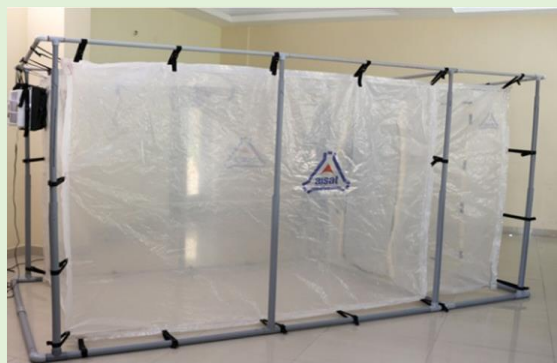
Automatic Sanitizer Dispenser



As part of the Break the Chain campaign, Albertian Institute of Science and Technology in association with Dept. of Electronics and Communication developed an “Automatic Sanitizer Dispenser”. The idea was put forward and developed by Mr. Geethesh P, who was ably guided by Mr. Deepu Kurien, Asst. Professor, Dept. of ECE to fruition. The student body has been already in discussion with the management for mass production of the prototype. The prototype comprises of various sensors which have been deployed for accurate dispensing. The Automatic Sanitizer Dispenser was also installed at Ernakulam Collectorate, after handing it over to Hon’ble Minister Shri V S Sunil Kumar in the presence of District Collector Shri Suhas S, IAS.



Portable Isolation Unit



As Kerala was preparing for the foreseeable flood this year, a group of students from Department of ECE is actively preparing for the battle against the spread of COVID-19 during the floods. To be used primarily in a flood relief camp to isolate people under quarantine, the isolation unit was designed even to be airdropped to remote flood relief camps. The product was unveiled to the public by Hon. M. P Shri. Hibi Eden yesterday.

The unit which is cost-effective and portable uses the principle of negative pressure, which ensures there won’t be any cross-contamination. The exhaust system in the unit uses a filter that can filter virus particles. This ensures the integrity of the camp and also tremendously reduces the chances of spread during the flood. The unit also features an airlock chamber that maintains negative pressure when someone is entering/exiting the unit. The unit which costs less than 5000 to make, can be transported in a bag of 4ft. The frame of the unit is reusable and the tent can be recycled after use.



Webinars Conducted

LIVE WEBINAR

"Covid Pandemic - Accelerating the adoption of emerging technologies in India"

Speaker: **Prof. Ganapathy Ram**
Research Scholar, Anna University

**May 25, 2020
10 AM**

Participants will be honored with E-certificates

Join us on [Click Here](#)

For Registration, scan the QR code

For ECE students of AISAT
Organised by Department of ECE

ALBERTIAN INSTITUTE OF SCIENCE AND TECHNOLOGY
KALAMASSERY - 682022

WEBINAR

"Developing a Product Strategy- Present and Future Perspective"

**10AM
25/06/20**

Join us on Google Meet

Registration Link:
<https://forms.gle/DWt0c1hck7EtkgJSA>

e- certificate will be provided

with **Mr. Nishan Ilahi**
B.Tech, MBA

Organised by Dept. OF ECE

Albertian Institute of Science & Technology

GiG Economy & our opportunity
Webinar

with **Prof. Paul Ansel V**
Vice Principal, AISAT

**02 JUN
2020**

**GOOGLE
MEET**

**10AM
TO
11AM**

Organised by Dept. of ECE
Albertian Institute of Science and Technology
Kalamassery

ALBERTIAN INSTITUTE OF SCIENCE AND TECHNOLOGY [AISAT]
ORGANIZED BY DEPT. OF ECE

WEBINAR SERIES

Aug 1, 2020 - 6pm
SESSION 1: IC design

LIFE OF A SEMICONDUCTOR ENGINEER

Mr. Sharath P. Sathesh
Teledyne Dalsa - Canada

e-Certificates will be provided

Registration Link:
<https://tinyurl.com/eceaisat>

COME JOIN US ON GOOGLE MEET

Session 2: Semiconductor Manufacturing
Session 3: MEMS
* Dates will be announced later

WEBINAR

"EduExplore" - Sessions

TOPIC: AI & Robotics

in associated with
AISAT- Kalamassery

AUG 27, 2020 (Thursday)
3PM - 4.30PM

Speaker:
K Sunil Kumar
(Computer Science HOD| M.C.M.Tech, M.Phil.FDP|IITK) 22 Years Industry Experience

Venue:
Google Meet

To register now, log on to
www.study4career.com/webinar

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Toll Free:
1800 889 1848

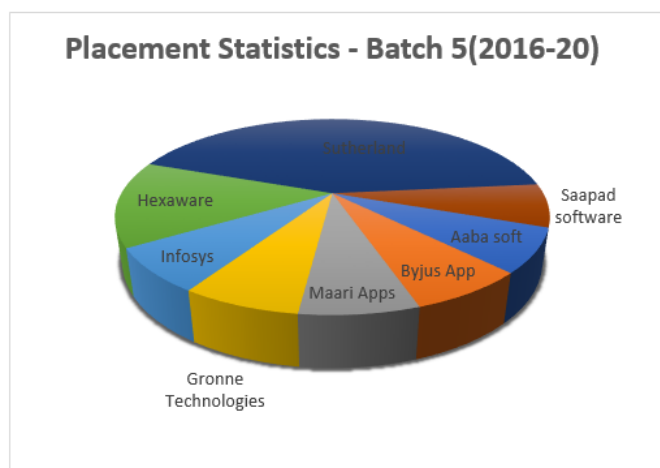
To Join click on : <https://meet.google.com/kou-yunh-mmb>

- 1) Introduction to Robotics
 - a) History of Robotics
 - b) Different types of Robots
 - c) Future of Robotics
- 2) Artificial Intelligence
- 3) Timeline of AI
- 4) Questioning the impact of AI
- 5) Financial Impact of AI
- 6) Subfield of AI
- 7) Deep learning, Machine learning etc.
- 8) Hardware for AI
- 9) Robotics and AI
- 10) Ethical and Legality of AI
- 11) Limitations and Opportunities of AI
- 12) Future of AI

Papers Published/Presented

- Dr. Neenu Joseph, Gladson Sabu Presented a paper titled “Ballistic Source location identification system” in ICSSS Organized by Saveetha Engineering College, Chennai on 23.07.2020. Published IEEE Digital library, Scopus Indexed. *Received best paper award.*
- Dr. Neenu Joseph, Adhithya Pradeep, Aleena Elizabeth Paul, and Sooraj Philip presented A paper titled “Fingerprint and Iris biometric Controlled Electronic Voting machine” in third National Conference On Engineering, Management and Science,13.06.2020
- Prof. Reshma Mary Jose, Amrin Amirkhan, Chris Aaron Luiz, Anupama V A, and Aneeta Mary Presented a paper titled “Motion based head band for health monitoring of paralyzed people, National Conference on Engineering, Management and Science,13.06.2020
- Prof. Tubin T X, Nusrin Najam, Aquila Judeson and Manu martin Presented Published a paper titled "Intelligent traffic light control system using digital image processing" in National Conference on Advances in Engineering and technology conducted by Narayana Engineering College, Gudur on 23rd June 2020

Placement Details – Batch 5 (2016-2020)



Percentage of
Students placed:
85%

Congratulations!!!

**Acquila Judeson, Adhithya Pradeep, Aleena Elizabeth Paul,
Amrin Amirkhan, Aneeta Mary, Ashmy Johnson,
Chris Aaron Luiz, Gladson Sabu, Kevin Aji,
Nowrin A H, Reethu George, Sandra sunny,
Sangeeth Joseph, Sooraj Philip**

Student Achievements

- Geethesh P attended a 7-week online course on "Welcome to programming for everybody (Getting started with python)" authorized by University of Michigan and offered through coursera starting from 01/05/20
- N.A Mary completed an online course on introduction to big data authorized by UC San Diego and offered through Coursera on 12-05-2020
- Boniface Noel completed a course on Testing and Debugging Python from Coursera project network on 21.05.2020
- Abel A James attended a course on AI for everyone. authorized by deeplearning.in and offered through Coursera on 26/05/2020
- N.A Mary attended AI for Everyone authorized by deeplearning.ai and offered through Coursera on 27-05-2020
- Meghana joseph attended a course on Machine learning Foundation: a case study, an online course authorized by university of Washington and offered through Coursera on 28-05-2020
- Aneena Theressa v a attended a course on Machine learning Foundation: a case study, an online course authorized by university of Washington and offered through Coursera on 28-05-2020
- N A Mary attended a course on Machine learning Foundation: a case study, an online course authorized by university of Washington and offered through Coursera on 28-05-2020
- Freny Francis attended a course Machine learning Foundation: a case study, an online course authorized by university of Washington on 29-05-2020
- Urmila Gopan attended an online course on "Use canva to create social media marketing design" authorized by Coursera Project Network and offered through Coursera on 30/05/2020
- Maisa Saleem attended a course on "Use canva to create social media marketing design" offered through Coursera starting from 30/05/20
- Maisa Saleem attended a course on Python, offered through Coursera starting from 30/05/20
- Urmila Gopan attended a 7-week online course on "Welcome to programming for everybody (Getting started with python)" authorized by University of Michigan and offered through Coursera starting from 01/06/2020
- Thamanna Parvin attended a course on "Use canva to create social media marketing design" and offered through Coursera starting from 02/06/20
- Soniya Mary K attended a course on "Covid 19 what you need to know" an online course authorized by osmosis certified by IPMA on 2/6/2020
- Rajeev Rajan, attended a course on Cybersecurity and the internet of things an online course authorized by university system of Georgia and offered through Coursera on 02/06/2020
- Jisna Maria attended a course on "Covid 19 what you need to know" an online course authorized by osmosis certified by IPMA on 3/6/2020
- Aysha Mather K.A attended a course on "covid 19 what you need to know" authorized by Osmosis certified by IPMA on 03/06/2020 offered through Coursera
- Shibin V J attended a course on Cybersecurity and the internet of things, an online course authorized by university system of Georgia and offered through Coursera on 03-06-2020
- Ashna Vijesh attended a course on Cybersecurity and the internet of things an online course authorized by university system of Georgia and offered through Coursera on 04/06/2020
- Anju Joshy attended a course on Cybersecurity and the internet of things. an online course authorized by university system of Georgia and offered through Coursera on 04/06/2020
- Doyal P Biju attended a course on mind control: managing your mental health during covid 19. an online course authorized by University of Toronto and offered through Coursera on 04/06/2020
- N A Mary attended a course on Transacting on the block chain certified by the business school for the world (INSEAD) and offered through Coursera on 07-06-2020
- N.A Mary attended a course on cybersecurity and internet of things authorized by University of Georgia and offered through Coursera on 07-06-2020
- Serene Roy completed a course on AR and 360 video production from Daydream and offered through Coursera on 08.06.2020
- Athira Rajesh completed a course on Programming for Everybody (Getting Started with Python) from University of Michigan and offered through Coursera on 09.06.2020

- Savanth P S completed a course on Python Data Structures, an online course authorized by University of Michigan and offered through Coursera on 11.06.2020
- Boniface Noel completed a course on Programming with Cloud IoT Platforms, an online course authorized by Postech and offered through Coursera on 12.06.2020
- Rahila P A has attended a course in Programming for Everybody (Getting Started with Python) authorized by University of Michigan offered by Coursera on 12.06.2020
- Geethesh P attended a Workshop – TCS iON Industry Honour Certification (IHC) conducted by TCS iON on 15/06/20
- Athira Rajesh completed a course on AI for Everyone, an online course authorized by Deep Learning .ai and offered through Coursera on 17.06.2020
- Annet Maria Cyriac completed a course on AI for Everyone, an online course authorized by Deep Learning .ai and offered through Coursera on 17.06.2020
- Ashmy Johnson attended a course on course in Introduction to augmented reality and AR CORE offered through Coursera on 19/06/2020
- Asha Wilson completed NPTEL course in Product design and innovation on 20/06/2020
- Sooraj Philip completed NPTEL course in Programming, Data structures and algorithms using python on 20/06/2020
- Ashna Vijesh attended a course on mind control: managing your mental health during Covid 19, an online course authorized by of Toronto and offered through Coursera on 21/06/2020
- Boniface Noel completed a course on Big Data, Artificial Intelligence, and Ethics, an online course authorized by UCDAVIS and offered through Coursera on 23.06.2020
- Femi Xavier N.X has attended a course in Programming for everybody (Getting started with python) authorized by University of Michigan offered by Coursera on 28/06/2020
- Annet Maria Cyriac completed a course on Programming for Everybody (Getting Started with Python), an online course authorized by University of Michigan and offered through Coursera on 29.06.2020
- Suhana K Ubaide completed a course on AI for Everyone, an online course authorized by Deep Learning .ai and offered through Coursera on 30.06.2020
- Dilruba Aleema completed a course on Programming for Everybody (Getting Started with Python), an online course authorized by University of Michigan and offered through Coursera on 30.06.2020
- Aaysha.V.S completed a course on Programming for Everybody (Getting Started with Python) , an online course authorized by University of Michigan and offered through Coursera on 30.06.2020
- Cris Maria Shaji completed a course on Leadership and Emotional Intelligence from ISB on and offered through Coursera 30.06.2020
- Thamanna Parvin won best performer in Online COVID 19 quiz competition conducted by National Health Mission, Trivandrum on 02/07/2019
- Apsara P Purushothaman completed a course on Leadership and Emotional Intelligence from ISB on and offered through Coursera 03.07.2020
- Arathy Ashok attended workshop on Gamification tools conducted by Al-Ameen college Edathala, Aluva on 11/07/2020
- Apsara P Purushothaman completed a course on AI for Everyone, an online course authorized by Deep Learning .ai and offered through Coursera on 21.07.2020
- Cris Maria Shaji completed a course on 'AI for everyone' through Coursera on 21.07.2020
- Adhithya Pradeep attended a course on AI for Everyone authorized by deep learning.ai , offered through Coursera on 22/07/2020.
- Serene Roy completed a course on Industrial IoT on Google Cloud Platform from Google Cloud and offered through Coursera 27.07.2020
- Dilruba Aleema completed a course on AI for Everyone, an online course authorized by Deep Learning.ai and offered through Coursera on 05.08.2020
- Suhana K Ubaide completed a course on Programming for Everybody (Getting Started with Python), an online course authorized by University of Michigan and offered through Coursera on 05.08.2020

- Suhana K Ubaide completed a course on leadership and emotional intelligence an online course authorized by Indian School of business and offered through Coursera on 07.08.2020
- Aaysha.v.s completed a course on leadership and emotional intelligence an online course authorized by Indian School of business and offered through Coursera on 8.08.2020
- Aaysha.V.S completed a course on AI For Everyone, an online course authorized by Deep Learning .ai and offered through Coursera on 09.08.2020
- Cris Maria Shaji completed a course on 'Design thinking for innovation' through Coursera on 9.08.2020
- Suhana K Ubaide completed a course on python data structures an online course authorized by University of Michigan and offered through Coursera on 09.08.2020
- Aaysha.v.s completed a course on python data structures an online course authorized by University of Michigan and offered through Coursera on 9.08.2020
- Suhana K Ubaide completed a course on design thinking for innovation an online course authorized by University of Virginia and offered through Coursera on 10.08.2020
- Aaysha.v.s completed a course on design thinking for innovation an online course authorized by University of Virginia and offered through Coursera on 10.08.2020
- Cris Maria Shaji completed a course on 'programming for everybody' (getting started with python) through Coursera on 14.08.2020
- Suhana K Ubaide completed a course on introduction to internet of things and embedded systems an online course authorized by University of California ,Irvine and offered through Coursera on 19.08.2020
- Cris Maria Shaji completed a course on 'python Data structure' through Coursera on 19.08.2020
- Aaysha.v.s completed a course on introduction to internet of things and embedded systems an online course authorized by University of California and offered through Coursera on 19.08.2020
- Femi Xavier N.X has attended a course in Write professional emails in English authorized by Georgia Institute of Technology offered by Coursera on 20/08/2020
- Savanth P S completed courses on 'Programming for Everybody (Getting Started with Python)' and 'Using Python to Access Web Data', offered through Coursera

FDP's/Courses/Workshops Attended by Faculty

- Prof. Anu Antony attended 4 days online course on Examination Reforms from 29.04.2020 to 02 .05.2020 organised by Institutional Development Cell, AICTE
- Dr. Neenu Joseph attended FDP in Design Implementation and verification in VLSI on 27.4.2020-1.5.2020 organized by CoreEL
- Dr. Neenu Joseph participated in a workshop on Building your own computer-controlled Robots conducted by Saveetha Engineering College on 13.05.2020 to 17.05.2020
- Dr. Neenu Joseph and Prof. Tubin TX Attended a Five Days Online Faculty Development Programme on Recent Communication Tools and Its Application, Organized by Department of ECE St. Martins Engineering College, from 19.05.2020to 23 .05.2020
- Dr. Neenu Joseph attended FDP in AI on 16.05.2020-20.05.2020 organized by AICTE-ATAL
- Prof. Anu Antony Attended Online STTP on Research Methodology from 28.05.2020 - 30.05.2020, organised by Dept. of Mechanical Engineering, Amal Jyoti college of Engineering, Kanjirapally, Kottayam
- Dr. Neenu Joseph attended FDP in AR on 30.5.2020-03.06.2020 organized by KCT
- Prof. Tubin TX and Dr. Neenu Joseph Attended Online FDP on "Engineering Technologies in Recent Scenario" By Dhanalaksmi Srinivasan Engg College, Perumbalur from 06.06.2020to 08.06.2020
- Dr. Neenu Joseph and Prof. Reshma Mary Jose Attended two days FDP on Technologies for Healthcare from 8.06.2020 to 10.06.2020 by GMR Institute of Technology.
- Prof. Sonu K Varghese and Prof. Tubin TX Attended Faculty Development Program on "Artificial Intelligence in Healthcare" 10.06.2020 to 11.06.2020 by RCPIT

- Dr. Neenu Joseph and Prof. Reshma Mary Jose attended Future Advancements and applications of IOT conducted by Sandip Institute of Engineering and management from 12.06.2020 to 14.06.2020
- Dr. Neenu Joseph attended Insights into cutting edge technologies on 16.6.2020 – 20.06.2020 organized by RMD, Chennai
- Prof. Sonu K Varghese Attended online 2 day FDP on "Industry 4.0: Bridging the gap between Academics and Industry Expectations in ECE" on 19.06.2020 to 20.06.2020
- Prof. Sonu K Varghese Attended 3-day Faculty Development Program on "Innovation Opportunities in Emerging Electronics and Communication Technology on 19.06.2020 to 21.06.2020 by DVR & Dr. MIC College of Technology
- Prof. Paul Ansel V attended online workshop on Universal Human Values on the theme "Inculcating Universal Human Values in Technical Education" during 20.06.2020 -24.06.2020 as organized by All India Council for Technical Education (AICTE).
- Dr. Neenu Joseph attended Recent developments in communication networking and research opportunities on 23.6.2020 – 27.06.2020 organized by Sreenivasa institute of Technology
- Prof. Reshma Mary Jose Attended Online Research Workshop organized by Bell Institute of Research and Development Studies (BIRDS) from 25.06.2020 to 29.06.2020
- Dr. Neenu Joseph has successfully completed 2- week online course on MEMS conducted by Saveetha Engineering College from 26.06.2020 to 03.07.2020
- Prof. Sonu K Varghese has participated in Five Days Online Faculty Development Program on "RESEARCH IN ENGINEERING - A Way Forward" conducted by A. P. Shah Institute of Technology, Thane. on 06.07.2020 to 10.07.2020
- Dr. Neenu Joseph and Prof. Reshma Mary Jose participated in a workshop on artificial intelligence in health care conducted by Saveetha Engineering College on 09.07.2020
- Prof. Sonu K Varghese, Dr. Neenu Joseph and Prof. Tubin T X attended World of cyber physical system and future robotics of industry robotics on 11.07.2020 to 12.07.2020 organized by RC Patel Institute of technology
- Dr. Neenu Joseph attended AICTE Sponsored STTP on Recent trends and Challenges of IOT on 13.7.2020 – 18.07.2020 organized by RMD, Chennai
- Dr. Neenu Joseph participated in the first international virtual conference on Recent Trends in Nanomaterials Synthesis and Applications, RTNSA-2020 organized by Madanapalle Institute of Technology and Science
- Prof. Anu Antony, Dr. Neenu Joseph and Prof. Tubin TX Attended 2 weeks Online FDP on Artificial Intelligence and Machine Learning for Biomedical applications organised by Dept of Biomedical Engg , Sahrdaya College of Engineering & Technology from 13.07.2020 to 24.07.2020
- Dr. Neenu Joseph attended STTP on AI in healthcare on 16.07.2020-22.07.2020 organized by Kumaraguru College of Technology
- Dr. Neenu Joseph attended FDP AICTE Sponsored STTP on Tetra hertz band – next Frontier for wireless Communication on 20.7.2020 – 25.07.2020 organized by IFET
- Prof. Anu Antony Attended 5 days Online 5 FDP on "Know Everything related to Research from 23.07.2020 to 28.07.2020 organised by Ilahia College of Engineering & Technology, Muvattupuzha.
- Dr. Neenu Joseph attended Technologies with Social relevance on 27.07.2020 -01.08.2020 organized by GMRIT
- Dr. Neenu Joseph attended FDP on Recent trends wireless Communication Technologies on 03.08.20 to 05.08.20 organized by BIT
- Prof Paul Ansel V attended International Symposium on, "Energy and Sustainable Development: A Gandhian Approach", held on 7th August 2020, organized by IIT Patna and Aalborg University, Denmark.
- Prof. Paul Ansel V participated in AICTE Training and Learning (ATAL) Academy Online FDP on "Big Data Analytics with Deep Learning" from 18.08.2020 to 22.08.2020 at Poornima Institute of Engineering & Technology
- Prof. Sonu K Varghese from has participated in Two Weeks Online Faculty Development Program sponsored by TEQUIP on Recent Research Trends in Electronics and Communication Engineering organised GBPIET from 18.08.2020 to 28.08.2020
- Prof Paul Ansel V participated in AICTE Training and Learning (ATAL) Academy Online FDP on "Internet of Things (IoT)" from 24.08.2020 to 28.08.2020 at Ramrao Adik Institute of Technology.

- Prof. Tubin TX completed a course in Smart Device & Mobile Emerging Technologies, an online course authorized by Yonsei University and offered through Coursera.
- Prof. Naibin George and Prof. Reshma Mary Jose Successfully completed “Cybersecurity and its ten domains”, an online course authorized by University system of Georgia and offered through Coursera.
- Prof. Naibin George, Prof. Tubin T X and Prof. Reshma Mary Jose Completed “Introduction to Artificial Intelligence”, an online course authorized by IBM and offered through Coursera.
- Dr. Neenu Joseph has successfully completed training courses in MATLAB Onramp and Machine Learning Onramp conducted by MATLAB
- Dr. Neenu Joseph has successfully completed courses in Structuring Machine Learning Projects and AI for everyone authorized by deeplearnin.ai and offered through Coursera.
- Dr. Neenu Joseph has successfully completed course in FPGA computing systems: Background knowledge and introductory materials authorized by Politecnico di Milano and offered through Coursera
- Dr. Neenu Joseph has successfully completed course Cybersecurity and Its Ten Domains an online course authorized by University System of Georgia and offered through Coursera

Farewell to Batch 5



There are bright opportunities waiting for you ahead.

Wishing you all the very best for the future.

May you all be successful and happy in life.

Editorial Board:

Prof. Sonu K Varghese (Staff Co-ordinator)

Amna Anwar – S7 ECE, Bijoy P Sijo – S5 ECE, Annett Maria Cyriac– S3 ECE



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