

**EMAGE**

**Association Report**

**2020- 2021**

**DEPARTMENT OF ELECTRONICS & COMMUNICATION  
ENGINEERING**

**SAHRDAYA COLLEGE OF ENGINEERING  
AND TECHNOLOGY**

**SAHRDAYA COLLEGE OF ENGINEERING AND TECHNOLOGY KODAKARA, THRISSUR**



EDUCATION IS DEDICATION

**CERTIFICATE**

The report gives the details of the activities conducted and various achievements obtained by the students and faculties of Department of Electronics & Communication Engineering Association (EMAGE) during the academic year 2020 – 2021.

**Staff in Charge**

Ms.Chinchu Jose  
Assistant Professor

**HOD**

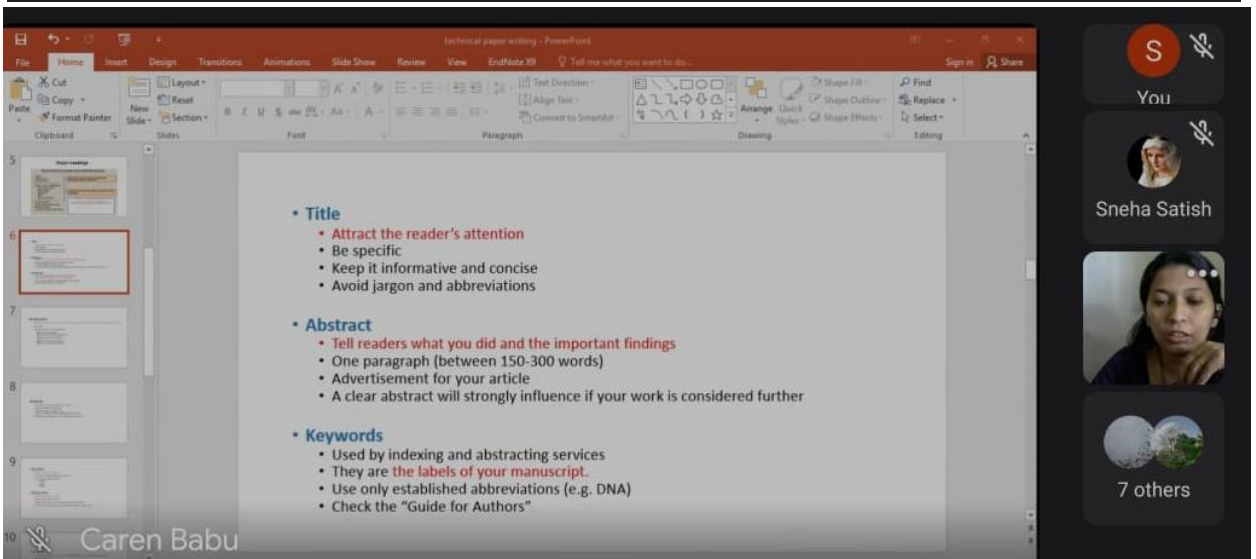
Dr. Vishnu Rajan  
Associate Professor

## CONTENT

	<b>CONTENT</b>
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## ADD ONs

- Webinar on Technical Paper Writing(ECE) by Dr.Caren Babu was conducted on August 25,2020.



- EMAGE organized a 5 day online Python bootcamp & coding competition for beginners from September 3 to 7,2020 ,10-11:30 AM, and a coding competition on September 7th, 2:00-3:00 PM.



# GET; SET, CODE

5-DAY ONLINE PYTHON BOOTCAMP FOR BEGINNERS

**PYTHON FOR BEGINNERS (BOOTCAMP)**      **SEP 3RD TO SEP 6TH**  
10AM - 11:30AM

**PYTHON COMPETITION**      **SEPTEMBER 7TH**  
2:00PM-3:00PM

**ENTRY FEES : 50₹**      **FREE FOR SAHRDAYANS**


**REGISTER HERE**  
[bit.ly/iedchardware](http://bit.ly/iedchardware)

**EXCITING PRIZES AWAITS**

**1ST PRIZE**      **1500₹**  
**2ND PRIZE**      **1000₹**  
**SPECIAL PRIZES X2**      **500₹**




- Department of Electronics and Communication in association with Sahrdaya Engineering College Alumni Association(SECAA) organized an alumni interaction session on 3rd of October 2020, Saturday at 11.30 A.M on Google meet platform.The session was led by Mrs. Jubitha Jolly (2006-2010 Batch), Senior System Architect, Allianz Global Corporate and Specialty, Munich, Germany.Meeting link: <https://meet.google.com/ffw-tqrq-jok> Phone: +1 929-269-1820 PIN: 220 307 971#



**03/10/20**  
**SATURDAY**  
**11:30 AM**

2006-2010 Batch

**Jubitha Jolly**  
Senior System Architect  
Allianz Global Corporate  
and Specialty, Munich,  
Germany



**ALUMNI  
INTERACTION**

Organized by Dept. of **Electronics and  
Communication** in association with **Sahrdaya  
Engineering College Alumni Association (SECAA)**

- The Department of Electronics and Communication of Sahrdaya College of Engineering and Technology is hosting a “WEBINAR” on the topic: “Exploring Future Scope for Electronics and Communication Engineers”.The session was conducted on 17th October 2020 from 1.30-3.00 p.m.Platform: Google Meet

**WEBINAR ON**

Exploring the Future Scope for Electronics and Communication Engineers

E-certificates will be provided

**17TH OCTOBER | SATURDAY | 1.30-3.00 P.M**

<b>ADEBAYO OLAIDE</b>  ICT Engineer	<b>ALLEN TREESA</b>  Process Engineer Intel, Ireland	<b>PIERO GONZALEZ</b>  Process Engineer Intel, Ireland
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- Alumni Interaction - Mr. Sreerag Salish, System Design Engineer, Wipro VLSI was conducted on October 31st, 2020. S3 students (2019 batch participated).

JOIN US FOR OUR NEXT **ALUMNI INTERACTION**

**31 OCTOBER**

**10-11 AM**

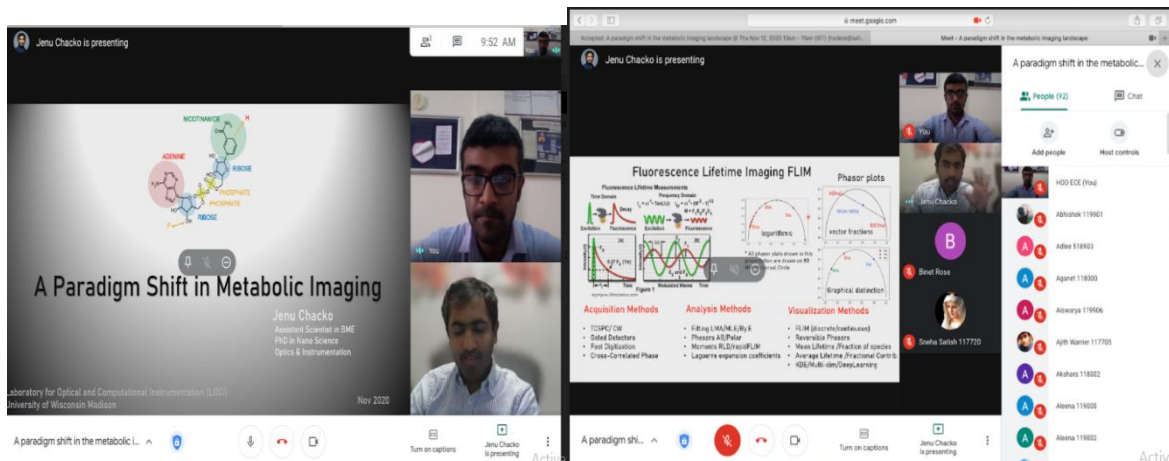
**Mr. SREERAG SALEESH**  
SYSTEM DESIGN ENGINEER INTEL (VLSI H/W)  
WIPRO, KOCHI  
(2015-2019) BATCH

ORGANIZED BY DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
IN ASSOCIATION WITH  
SAHRDAYA ENGINEERING COLLEGE ALUMNI ASSOCIATION (SECAA)

- Webinar on Higher Education possibilities after B. Tech- S5ECE on 14/10/2020 by Anith T A, CEO, Ones academy, for 2017 and 2018 batches.

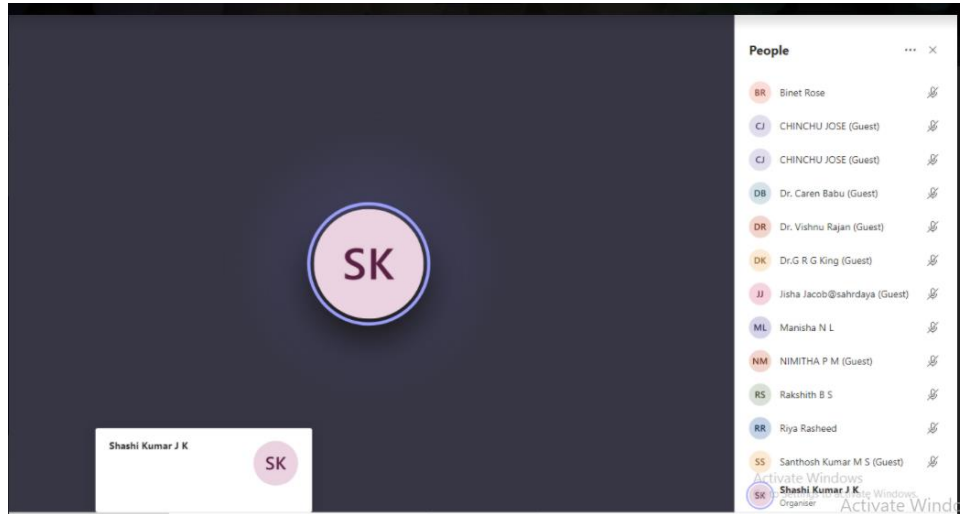
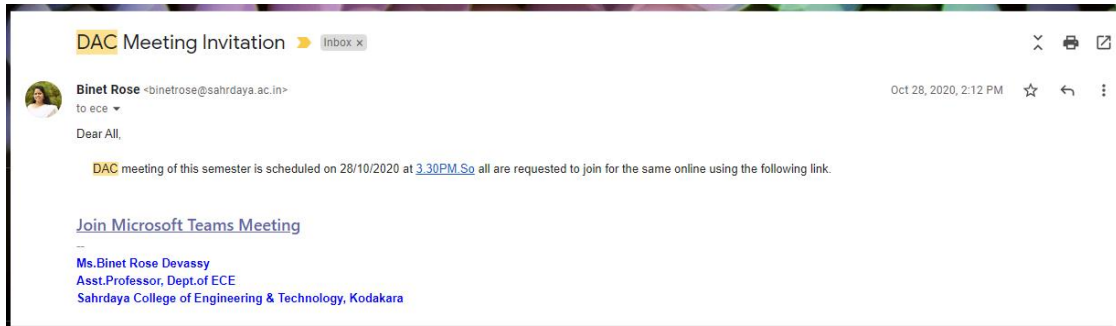


- C++ Evening Cafe for Girls was conducted during October 2020.
- Alumni Interaction by Mr. Nirmal T. M, Senior Software Engineer, Robert Bosch was conducted on 4/11/2020. S7 and S5 students participated.
- Technical Interaction with Mr Jenu Varghese Chacko, Asst. Scientist, LOCI, USA on Nov 12, 2020 for S7ECE & S5ECE..



- DAC was conducted on 28/10/2020.





- Dept. of Electronics & Communication jointly with Training & Placement Cell is conducting Hands-on training for all the technical staff on 27th Nov 2020 and 1st December 2020.





- A 5 day boot camp on AI & Python Conducted by Department of ECE Supported & Sponsored by IEDC Hardware 29,30,31 March, April 5,6 2021.



- Alumni interaction was conducted by Mr.Jaino K.M, Technical Lead, Wipro, Cochin passout for students of 2017-21 batch on 12/04/2021.

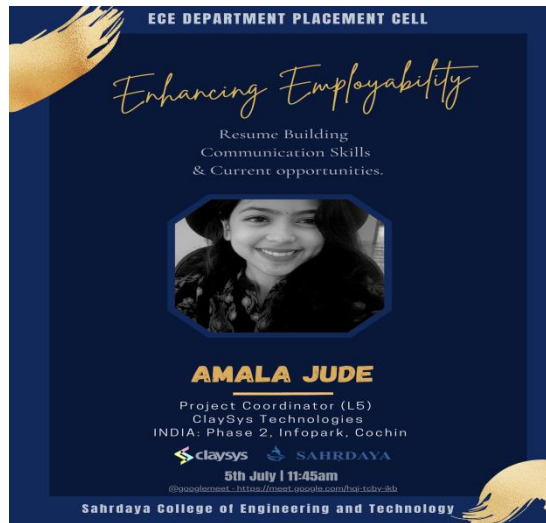


- Arduino Basic Workshop by EMAGE in association with Hardware Club was conducted

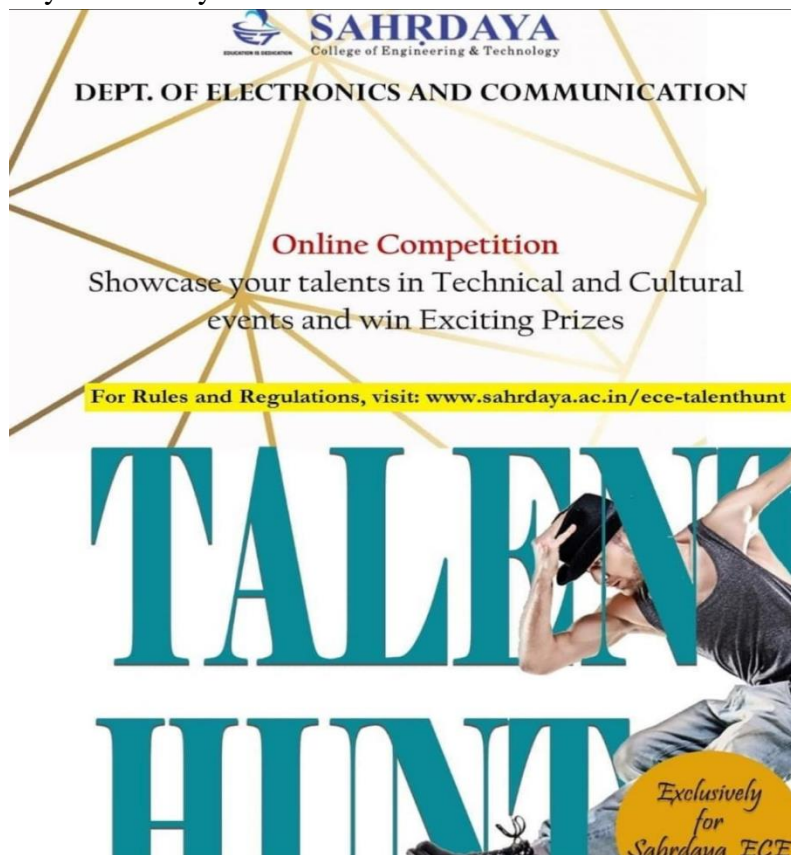
for SCET students from 14/05/21-15/05/21.Total of 297 students participated.



- Gate Orientation and Demo class by ONES Academy,Kollam was conducted for 2019-23 batch on 02/06/2021.
- A peer to peer workshop on “Working with LaTeX in Overleaf” by Adlee Xavier of 2018-22 batch was conducted on 03/07/2021.
- Alumni interaction was conducted on the topic Enhancing employability by Ms.Amala Jude,Project Coordinator,ClaySys Technologies by Ms.Amala Jude,2019 passout for students of 2018-22 batch on 05/07/2021.



- EMAGE conducted an online technical and cultural competition ‘Talent Hunt ‘in the month of May exclusively for ECE students.



## Outreach Programmes

- **OUTREACH PROGRAMME:**Android App development and Robotic Process Automation are trending areas in the technical realm today. The Department of Electronics and Communication, Sahrdaya, conducted a webinar exclusively for plus two students. For registration link: <https://bit.ly/2HwndJG> and was conducted on the 28th and 29th of September.



- **Outreach program** on Robotics and Android Development by EMAGE in association with Hardware Club was conducted on 29 and 30 March 2021 for higher secondary students.



- **Outreach program:**Department of Electronics and Communication Engineering conducted an online summer coaching camp on Electronics and Artificial Intelligence exclusively for higher secondary students from 17th to 22nd May 2021.




Admissions Open  
9061115664  
9635303913  
www.sahrdaya.ac.in

for participants



**online**  
**SUMMER COACHING CAMP ON**  
**ELECTRONICS & ARTIFICIAL INTELLIGENCE**  
"Exclusively for Higher Secondary School Students"  
Register: [www.sahrdaya.ac.in/ece-summercamp/](http://www.sahrdaya.ac.in/ece-summercamp/)

17-22  
MAY 2021

## FDPS Conducted

- AICTE Sponsored STTP on "Outcome based Education with Assessment and Evaluation" on Nov 9-16(Phase 1), Nov 23-28(Phase 2) and Dec 7-14, 2020.(Phase 3).

AICTE Sponsored STTP on OBE - Inaugural Invitation Inbox x



Dr. G R Gnana King  
to fac ▾

Sun, Nov 8, 6:50 PM ☆ ↶

Dear All,

It's our pleasure to invite you for our AICTE Sponsored Online STTP on "Outcome Based Education with Assessment and Evaluation" on 09th November 2020. The Inaugural program will be at 10.00 AM through Google meet, all are invited to attend the same. Sharing the details.

Meeting Link:(Same for all sessions)

[Click here to Join the Meeting](#)

The Sessions will be handled by the experts having experience as peer team members and chairman in Various NBA Evaluation Committees. Since we are on the verge of NBA and NAAC Accreditation, it will be helpful for us to undergo the process.

Phase	Date	Attending Department
Phase 1	November 09-16, 2020	ECE, BT, ASH
Phase 2	November 23-28, 2020	BME, Civil
Phase 3	December 07-14, 2020	CSE, EEE

with regards,

Dr.G.R. GNANA KING,ME , Ph.D ., MISTE .,  
Associate Professor,  
Department of Electronics and Communication Engineering,

Activate Windows  
Go to Settings to activate Windows



Final Quiz for Phase 1-AICTE sponsored STTP > Inbox x



Dr. G R Gnana King  
to bte, Applied, ECE ▾

Mon, Nov 16, 10:17 AM ☆ ↶ ⋮

Dear All,  
The final Quiz for the phase 1 AICTE sponsored STTP will be conducted soon after the end of session 2 .  
The link of the quiz and final feedback will be shared only through the google meet chat box.  
Quiz will be enabled only for 30 minutes.  
For awarding of certificate 60% marks for the quiz and 80 % attendance is mandatory.  
Expecting your sincere cooperation.

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with regards,

Dr.G.R. GNANA KING,ME ., Ph.D ., MISTE .,  
Associate Professor,  
Department of Electronics and Communication Engineering,  
Sahrdaya College of Engineering and Technology,  
P.B.No.17,Kodakara-680684,Thrissur,Kerala.  
Email: [kings.326@gmail.com](mailto:kings.326@gmail.com) , [gnanaking@sahrdaya.ac.in](mailto:gnanaking@sahrdaya.ac.in)  
Mobile:9488883786

Invitation to Participate in STTP on " Outcome based Education with assessment and Evaluation" - Phase II



> Inbox x



AICTE STTP @ SAHRDAYA <[aictesttp@sahrdaya.ac.in](mailto:aictesttp@sahrdaya.ac.in)>  
to fac ▾

Sat, Nov 21, 10:33 AM (11 days ago) ☆ ↶ ⋮

Dear All,  
As we are conducting AICTE sponsored STTP on " Outcome based Education with assessment and Evaluation" in three phases.The Phase II commences from 23rd November . The Sessions will be handled by the experts from the NBA Evaluation peer team. Since we are on the verge of NBA and NAAC Accreditation it will be helpful for us to undergo the process.  
The Google meeting Link(Same for all sessions)  
[Click here to Join the Meeting](#)

- KTU Sponsored FDP on Deep Learning for Signal Processing was conducted by ECE department from 26-30 April 2021.


 <p><b>KTU Sponsored FDP on Deep Learning for Signal Processing</b></p> <p>PERMISSION LETTER</p> <p>Name :</p> <p>Department :</p> <p>Designation :</p> <p>Institution:</p> <p>Address :</p> <p>Experience in years:</p> <p>Signature:</p> <p>Recommendation of Head of the Institution</p> <p>Signature with Seal</p>  <p>Scan the QR code given above or logon to the link given below to complete registration</p>	<p><b>ORGANIZING COMMITTEE</b></p> <p>CHIEF PATRON Rl. Rev. Bishop Dr. Pauly Kannookadan, Chairman SCET</p> <p>PATRONS Rev. Fr.George Pareman, Exe.Director, SCET Rev. Fr.Jinto Verampilavu, Finance Officer,SCET</p> <p>CHAIRMAN Dr. Nixon Kuruvilla, Principal,SCET</p> <p>ADVISORY COMMITTEE Dr. Elizabeth Elias, Director, SCET Dr.Sudha George Valavi, Joint.Director,SCET</p> <p><b>ADDRESS FOR COMMUNICATION</b></p> <p>CONVENOR Dr. VISHNU RAJAN Associate Professor, Dept. of ECE Contact Numbers: 8113997771 E-mail: <a href="mailto:hodece@sahrdaya.ac.in">hodece@sahrdaya.ac.in</a></p> <p>JOINT CONVENOR Ms.Binet Rose Devassy Assistant Professor, Dept. of ECE Contact Numbers: 9995516894 E-mail: <a href="mailto:binetrose@sahrdaya.ac.in">binetrose@sahrdaya.ac.in</a></p>	 <p><b>Sponsored 5 day Online FDP on Deep Learning for Signal Processing</b></p> <p><b>Basics to Implementation</b></p> <p>26th to 30th April 2021</p> <p>Organized by</p>  <p>Department of Electronics &amp; Communication</p>  <p>Kodakara, P.B.No.17,Thrissur (Dt) Pin 680684,Kerala State, India.Ph: 0480-2726630 2759275. Email: <a href="mailto:Info@sahrdaya.ac.in">Info@sahrdaya.ac.in</a> Website: <a href="http://www.sahrdaya.ac.in">www.sahrdaya.ac.in</a></p>
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- KTU Sponsored FDP on Outcome Based Education with Assessment and Evaluation from 26 to 30 July 2021.




## Student Achievements

- Nicemol Johns of 2018-22 batch was selected for Student Merit Awards 2021 by Architects and Engineers Association in connection with Engineers Day celebration 2021 on 15th September.
- Patent was file for the project title Photofinish implementation using multiple low cost cameras of Christo P.B,Savanth K S,Ajith Warriier and Ajay Jose guided by Dr.Vishnu Rajan on July 2021.



सत्यमेव जयते  
G.A.R.6  
[See Rule 22(1)]  
RECEIPT



INTELLECTUAL  
PROPERTY INDIA  
PATENTS DESIGN TRADE MARKS  
GEOGRAPHICAL INDICATIONS

Controller General of Patents, Designs & Trade Marks

Docket No 55957 Date/Time 2021/06/30 01:57:59

To  
Savanth K S Userid: savanthks

Karikkodan House Muplyam.P.O,  
Polikkaparambu

**CBR Detail:**

Sr. No.	Ref. No./Application No.	App. Number	Amount Paid	C.B.R. No.	Form Name	Remarks
1	202141029282	TEMP/E-1/32200/2021-CHE	1600	23651	FORM 1	Photofinish using Multiple low-cost cameras

TransactionID	Payment Mode	Challan Identification Number	Amount Paid	Head of A/C No
N-0000821261	Online Bank Transfer	3006210000357	1600.00	1475001020000001

Total Amount : ₹ 1600  
Amount in Words: Rupees One Thousand Six Hundred Only  
Received from Savanth K S the sum of ₹ 1600 on account of Payment of fee for above mentioned Application/Forms.  
\* This is a computer generated receipt, hence no signature required.

- Fabius S Thottapilly,Emmanuel Davis,Grigary C Antony and Ajay Jose has presented a paper on Unseen Abyss:Implementation of pothole detection using Machine learning at



3rd International conference on Intelligent Computing, Information and Control systems  
ICICCS 2021 at CARE college of Engineering, Trichy on 2nd and 3rd July 2021.



- Christo P B of S7 ECE developed a medical coding android application for INDUS Medical coding

**INDUS**  
EDUCATION

Collectorate Road, West Fort  
Thrissur, Kerala - 680004  
+91 9645275326  
+91 9633620654

**TO WHOMSO EVER IT MAY CONCERN**

This is to certify that master Christo PB has developed a medical coding software "MED CODES" as per our requests and demands for INDUS Education. Specially appreciating his sincere effort and attitude towards the same.

  
Mubeena V.M

Director of Medical Coding

**INDUS**  
EDUCATION

[www.induscollege.in](http://www.induscollege.in)

[induscollegetcr@gmail.com](mailto:induscollegetcr@gmail.com)

- Gregory C & Christo P B (S7 ECE) served as interns at Devaditek startup company.
- Serene Babu (S7 ECE), Salini (S7 ECE) served as an interns in industrus tech and worked on a project flipbuy.



- 23 students of ECE completed various NPTEL certifications, with 2 students having Elite silver grade, and 8 students with Elite grade



- Total online courses taken by students during lockdown period: 300+

## Placements

 Sheena Infosys, UST	 Lincy Infosys, Quest	 Soumya Infosys, UST	 Christo UST, Ibis	 Sneha UST, Capgemini
 Grigary TCS	 Fabius TCS	 Alwin TCS	 Neelima Infosys	 Anjana Infosys
 Jismy UST Global	 Devika UST Global	 Swathy UST Global	 Christa UST, Sutherland	 Jibin Mindtree
 Sneha Mitsogo	 Terin Mitsogo	 Gopika Poornam	 Keerthi Sutherland	 Chaithanya Sutherland
 Judit Sutherland	 Joffin Sutherland	 Ajit Sutherland	 Nevil Sutherland	 Praveena Sutherland
 Emmanual Carestack	<i>Congratulations Dear Students...</i>			

2017-2021 ELECTRONICS AND COMMUNICATION ENGINEERING BATCH

Activ  
Go to

## **Faculty achievement:**

- Caren Babu was awarded with Ph.D in Electronics and Communication Engineering on 18th July 2020.
- Dr.G.R.Gnana King got a Financial Assistance of Rs.305667 by AICTE to conduct a six day STTP program.It was done in 3 phases (9/11/2020-16/11/2020, 23/11/2020 – 28/11/2020 & 07/12/2020 –14/12/2020). Almost 300 participants from various states of India participated in the program.
- Dr. Vishnu Rajan, Ms. Binet Rose, Dr. Gnana King got Financial Assistance for conducting FDPs sponsored by KTU.
- Conducted an outreach program on the same exclusively for plus two students on the 28th and 29th of September. Sessions were handled by Mr. Saran K B ,Ms. Vidyamol K and Dr. Vishnu Rajan
- Dept. of ECE is carrying out a consultancy project work for Sports Council of Rs.25,000/- from 15th October 2020. Dr. Vishnu Rajan got approval for the guideship of two projects and Mr.Saran K.B and Dr. Vishnu Rajan for another project.
- Dr. Vishnu Rajan was a resource person for a webinar on the topic "Android App Development: An Astounding rise in the midst of covid -19 pandemic", held at St.Thomas' College, Thrissur on 24th July 2020.
- Dr. Vishnu Rajan and Mr.Saran K.B served as resource persons for STTP on Robotics & IOT, AI & ML for the students of St.Thomas' College, Thrissur
- Dr.Caren Babu is a reviewer in IEEE Transactions on Circuits and Systems for Video Technology, Asian journal of probability and Statistics and International research journal on Oncology
- Dr.Gnana King is a reviewer in Journal of Intelligent & Fuzzy Systems, Elsevier - Signal Processing, Springer-Complex & Intelligent Systems and Springer-Personal and Ubiquitous Computing
- Dr.Vishnu Rajan is a reviewer in Journal of Intelligent & Fuzzy Systems, ISSN print 1064-1246 ISSN online 1875-8967
- Ms.Ambily Francis is a reviewer in IRBM journal of Elsevier ISSN 1959-0318
- Ms. Vidyamol K joined for Ph.D at NIT Calicut .
- Ms.Silpa P A was awarded Ph.D degree on 29th March 2021.

- Ambily Francis Published a paper titled "Early detection of Alzheimer's disease using local binary pattern and convolutional neural network." Multimedia Tools and Applications (2021): 1-16. (SCI Indexed, Impact Factor- 2.757).
- Ambily Francis Presented and Published a paper titled "Early detection of Alzheimer's disease using an ensemble of pre-trained models." In 2021 International Conference on Artificial Intelligence and Smart Systems (ICAIS), pp. 692-696. IEEE, 2021. (Scopus Indexed).
- Mr.Saran K.B.joined for Ph.D at NIT Calicut .

### Publications in reputed journals/ book chapters/conferences (2020-21)

Author	Short Title	Journals/Conference/ Book chapter	Month/year	SCI/Scopus/conference
Ambily Francis	Early detection of Alzheimer's disease using ensemble of pre-trained models	2021 International Conference on Artificial Intelligence and Smart Systems (ICAIS), IEEE conference paper	April 2021	Scopus
Dr. Vishnu Rajan	Development of Wake Detection and analysis using image processing	3rd International conference on computer networks and inventive communication technologies, ICCNCT 2020 23,24 July 2020 (Springer)	July 2021	Scopus
Ambily Francis	Early detection of Alzheimer's disease using local binary pattern and convolutional neural network	Multimedia Tools and Applications- Springer	July, 2021	SCI
Dr. Gnana King	Zebra Line Detection	7th International Conference on Advanced Computing and	2021	Scopus

	And Speed Control System Using Raspberry Pi	Communication Systems (IEEE Xplore)		
Dr. Gnana King	A Review on Glucose Monitoring Using Enabling Technologies of Internet of Things	7th International Conference on Advanced Computing and Communication Systems (IEEE Xplore)	2021	Scopus
Dr. Gnana King	A Review on Object Detection Algorithms for Ship Detection	7th International Conference on Advanced Computing and Communication Systems (IEEE Xplore)	2021	Scopus
Dr. Gnana King	Medical Tourism and Internet of Things	Book Chapter	July 2021	
Vidyamol K	A Review on Object Detection Algorithms for Ship Detection	7th International Conference on Advanced Computing and Communication Systems (IEEE Xplore)	2021	Scopus
Binet Rose Devassy	An IoT-Cloud Based Health Monitoring Wearable Device For Covid Patients	2021 7th International Conference on Advanced Computing and Communication Systems (ICACCS)- Published in IEEE Explore DOI: <a href="https://doi.org/10.1109/ICACCS51430.2021.9441717">10.1109/ICACCS51430.2021.9441717</a>	2021	Scopus

### Status of Patents (2020-2021)

Author	Short Title	Status	Month/year	Remarks
Dr. Vishnu Rajan	Lithium-ion battery range and soc prediction for electric vehicle	Published	May 2021	Indian
Dr. Vishnu Rajan	Photofinish implementation using multiple low cost cameras	Filed	July 2021	Indian
Silpa P A	PCB Based Electrode Biosensor Using Graphene Nano Ink	Filed	2021	Indian
Dr.Gnana King	Modified random forest algorithm for the diagnosis of Alzheimer disease.	Published	03/09/21	Indian



## Activities of Faculty Members

Name	Type	Title	Date	Organization	Participant/Resource person
Ambily Francis	AICTE Sponso red FDP- ATAL	Data Sciences	18/1/2021 to 22/1/2021	Saintgits College of Engineering	Participant
	AICTE Sponso red STTP	IOT and Data science	28/12/2020 to 2/01/2021	St.Joseph's, Pala	Participant
	AICTE Sponso red STTP	Emerging Trends and Research Challenges in Next Generation Wireless Networks	15/03/2021 to 18/03/2021	Kongunadu College of Engineering, Trichy	Participant
	KTU Sponso red FDP	Deep learning for Signal processing	26/04/2021-30/04/2021	SCET	Participant
	FDP	Multidisciplinary Applications of MATLAB”	22/7/2021-24/7/2021	Universal College, Thrissur	Participant

	KTU Sponso red FDP	Outcome Based Education with Assessment and Evaluation	26/7/2021-30/07/2021	SCET	Participant
	ATAL FDP	Computer Science and Biology	24-28 August, 2020	Amal Jyothi College of Engineering	Participant
	AICTE FDP	STTP on Outcome Based Education with Assessment and Evaluation	9/11/2020-16/11/2020	SCET	Participant
	FDP	Design of drive train and charging station for electric vehicle applications	26/10/2020 to 31/10/2020	Saintgits CET	Participant
	AICTE FDP	IoT and Data Science	28/12/2020-2/01/2021	St.Joseph's Pala	Participant
	FDP	Artificial intelligence and machine learning for biomedical applications	13-24 July 2020	SCET	Participant
	Dr.Caren Babu	AICTE FDP	IoT and Data Science	28/12/2020-2/01/2021	St.Joseph's Pala
FDP		Artificial intelligence and machine learning for biomedical applications	13-24 July 2020	SCET	Participant

	KTU Sponso red FDP	Outcome Based Education with Assessment and Evaluation	26/7/2021-30/07/2021	SCET	Participant
	ATAL FDP	Computer Science and Biology	24-28 August, 2020	Amal Jyothi College of Engineering	Participant
	FDP	Artificial intelligence and machine learning for biomedical applications	13-24 July 2020	SCET	Participant
	Internshala Trainings	Creative Writing	6 weeks online training on	Internshala	Participant
Chinchu Jose	KTU Sponsored FDP	Research Trends in Social Network Analytics	24/05/2021-28/05/2021	SCMS School of Engg and Tech.	Participant
	KTU Sponso red FDP	Emerging Trends and Challenges in Low power VLSI Design	19/05/2021-21/05/2021	MBC CET	Participant
	KTU Sponso red FDP	Biosensors in point of care diagnostics:Strategies and Implementation	19/04/2021-21/04/2021	SCET	Participant
	KTU Sponso red FDP	Deep learning for Signal processing	26/04/2021-30/04/2021	SCET	Participant

	FDP	Artificial intelligence and machine learning for biomedical applications	13-24 July 2020	SCET	Participant
	KTU Sponsored FDP	Outcome Based Education with Assessment and Evaluation	26/7/2021-30/07/2021	SCET	Participant
	ATAL FDP	Control Systems & Sensors Technology	Jan4-Jan 8,2021	ATAL	Participant
	FDP	Emerging research trends in VLSI,MEMS and Signal Processing	Saintgits college of Engineering (Autonomous)	10-13 August 2020	Participant
	KTU Sponsored FDP	Outcome Based Education with Assessment and Evaluation	26/7/2021-30/07/2021	SCET	Participant
	AICTE FDP	IoT and Data Science	28/12/2020-2/01/2021	St.Joseph's Pala	Participant
	Dr.Silpa P A	KTU Sponsored FDP	Biosensors in point of care diagnostics:Strategies and Implementation	19/04/2021-21/04/2021	SCET
KTU Sponsored FDP		Deep learning for Signal processing	26/04/2021-30/04/2021	SCET	Participant

	KTU Sponso red FDP	Outcome Based Education with Assessment and Evaluation	26/7/2021-30/07/2021	SCET	Participant
Dr G R Gnana King	AICTE Sponsored FDP-ATAL	Artificial Intelligence	4/1/2021 - 8/1/2021	Dr. Ambedkar Institute of Technology	Participant
	KTU Sponso red FDP	Deep learning for Signal processing	26/04/2021-30/04/2021	SCET	Participant
	KTU Sponso red FDP	Outcome Based Education with Assessment and Evaluation	26/7/2021-30/07/2021	SCET	Participant
	FDP	Industrial Automation and Robotics	3.08.2020 to 7.08.2020	DIT University	Participant
	FDP	Emerging Research Trends in VLSI, MEMS, Signal Processing	10.08.2020 to 13.08.2020	Saintgits College of Engineering, Kerala.	Participant
	STTP	Massive MIMO and Millimeter Wave MIMO Technologies for 5G Networks	17.08.2020 to 29.08.2020	AICTE	Participant

	STTP	Smart Materials, Automation and its Future Impact on Humans	12-17, October 2020	Sree Buddha College of Engineering, Kerala	Participant
	AICTE Training And Learning (ATAL) Academy Online FDP	Artificial Intelligence	2020-10-19 to 2020-10-23	Rajagiri School of Engineering and Technology	Participant
	AICTE Training And Learning (ATAL) Academy Online FDP	Artificial Intelligence	2020-12-14 to 2020-12-18	ABES Engineering College	Participant
	AICTE Training And Learning (ATAL) Academy Online FDP	Artificial Intelligence	2021-1-4 to 2021-1-8	Dr. Ambedkar Institute of Technology	Participant

	KTU Sponso red FDP	Deep Learning for Signal Processing	26/04/2021-30/04/2021	Sahrdaya College of Engineering and Technology.	Participant
	STTP	Developing Research and Development Culture in Industry Institute Interaction Oriented Modern Teaching Learning and Project Based Learning	14/09/2020 to 19/09/2020	AICTE	Participant
Vidyamol K	Two Days webina r	Design of Signal Processing and Wireless Systems using MATLAB & Simulink	27th July 2021 to 28th July 2021	CoreEL Technologies	Participant
	Self-sponsor ed Five-Day Online STTP	VLSI Architectures for Digital Signal Processing Systems (VADSPS-21)	14/6/2021-18/6/2021	NITC	Participant
	KTU Sponso red FDP	Outcome Based Education with Assessment and Evaluation	26/7/2021-30/07/2021	SCET	Participant
	ATAL	Electric vehicles	Dec 7,2020 - Dec 11,2020	ATAL	Participant



	AICTE	AICTE sponsored online STTP on Outcome Based Education with Assessment and Evaluation during	9 th November to 16 th November 2020	SCET	Participant
		Five Day Online Python Bootcamp	3rd September 2020 to 7th September 2020	Hardware Club of Innovation And Entrepreneurship Development Center ,SCET	Participant
	Google	Android Development with Kotlin Train-the-Trainer program	September 21 - September 26, 2020	Google	Participant
Jisha Jacob	KTU Sponso red FDP	Outcome Based Education with Assessment and Evaluation	26/7/2021-30/07/2021	SCET	Participant
	KTU Sponso red FDP	Emerging Trends and Challenges in Low power VLSI Design	19/05/2021-21/05/2021	MBC CET	Participant
	KTU Sponso red FDP	Deep learning for Signal processing	26/04/2021-30/04/2021	SCET	Participant
	KTU Sponso red FDP	Outcome Based Education with Assessment and Evaluation	26/7/2021-30/07/2021	SCET	Participant

		Five Day Online Python Bootcamp	3rd September 2020 to 7th September 2020	Hardware Club of Innovation And Entrepreneurship Development Center ,SCET	Participant
	Google	Android Development with Kotlin Train-the-Trainer program	September 21 - September 26, 2020	Google	Participant
	ATAL	Electric vehicles	Dec 7,2020 - Dec 11,2020	ATAL	Participant
	AICTE	AICTE sponsored online STTP on Outcome Based Education with Assessment and Evaluation during	9 th November to 16 th November 2020	SCET	Participant
Saran K.B.	AICTE Sponso red FDP	AICTE Training And Learning (ATAL) Academy Online FDP on "Internet of Things (IoT)"	5/1/2021- 9/1/2021	NIT Durgapur	Participant
	KTU Sponso red FDP	Deep learning for Signal processing	26/04/2021- 30/04/2021	SCET	Participant
	KTU Sponso red FDP	Outcome Based Education with Assessment and Evaluation	26/7/2021- 30/07/2021	SCET	Participant

	ATAL	ATAL Online FDP on Robotics	7/9/202-11/9/2020	AICTE, Adi Sankara Institute of Engineering and Technology	Participant
	AICTE	AICTE sponsored online STTP on Outcome Based Education with Assessment and Evaluation	9/11/2020-16/11/2020	SCET	Participant
	Google	Android Development with Kotlin Train-the-Trainer program	21/9/2020 - 26/9/2020	Google Developers	Participant
Dr. Vishnu Rajan	Resource Person, STTP	40 Hour STTP on AI & ML	Jan - Feb 2021	St Thomas College, Thrissur	Resource Person
	Resource Person FDP	AICTE FDP	Jan 2021	SCET	Resource Person
	KTU Sponsored FDP	Deep learning for Signal processing	26/04/2021-30/04/2021	SCET	Resource Person
	Consultancy	Multiple	-	Masters Athletic Association	PI

KTU FDP	“Biomedical Instrumentation-Research Challenges”	22.02.2021 to 26.02.2021	Amal Jyothi	Participant
AICTE FDP	FDP on "Internet of Things (IoT)"	2021-1-11 to 2021-1-15	Amal Jyothi	Participant
Internshala FDP	8 weeks online training on Android App Development	Dec-Jan 2021	Internshala	Participant
NPTEL	Joy of Computing using python	Dec 2020	IITM	Elite Silver
11 MOOCs	Multiple	-	Google, Coursera etc	Participant
ATAL	"Internet of Things (IoT)"	11-15 Jan,2021	ATAL	Participant
Internshala Trainings	8 weeks online training on Android App Development	20-12-2020- 05-01-2020	Internshala Trainings Faculty Development Program.	Participant
Google	Android Development with Kotlin Train-the-Trainer program	September 21 - September 26, 2020	Google	Participant

	AICTE	STTP on “Developing Research and Development Culture in Industry Institute Interaction Oriented Modern Teaching Learning and Project Based Learning”	14/09/2020 to 19/09/2020	-	Participant
	AICTE	STTP on Outcome Based Education with Assessment and Evaluation	9 th November to 16 th November 2020	SCET	Participant
Binet Rose Devassy	AICTE Sponsored FDP-ATAL	Artificial Intelligence	18/1/2021 to 22/1/2021	Sree Budha College of Engineering	Participant
	KTU Sponsored FDP	Deep learning for Signal processing	26/04/2021-30/04/2021	SCET	Participant
	KTU Sponsored FDP	Outcome Based Education with Assessment and Evaluation	26/7/2021-30/07/2021	SCET	Participant
	KTU Sponsored FDP	Deep learning for Signal processing	26/04/2021-30/04/2021	SCET	Resource Person
	AICTE	STTP on Outcome Based Education with Assessment and Evaluation	9 th November to 16 th November 2020	SCET	Participant

	ATAL	Artificial Intelligence	14-12- 2020-18-12-2020	ABES Engineering College	Participant
	ATAL	Artificial Intelligence	19-23 October,2020	Rajagiri School of Engineering and Technology	Participant
	ATAL	Artificial Intelligence	9-13 Nov,2020	National Institute of Technology Calicut	Participant
	Mathworks	DSP for FPGAs, Signal Processing with Simulink, Generating HDL Code from Simulink	24/8/2020-28/4/2020	Matlab -mathworks	Participant
	AICTE	Developing Research and Development Culture in Industry Institute Interaction Oriented Modern Teaching Learning and Project Based Learning	19/9/2020-19/9/2020	AICTE	Participant
	AICTE	Massive MIMO and Millimeter Wave MIMO Technologies for 5G Networks	17.08.2020 to 29.08.2020	AICTE	Participant
Dr.K.R.Joy	KTU Sponsored FDP	Outcome Based Education with Assessment and Evaluation	26/7/2021-30/07/2021	SCET	Participant

	AICTE	Paradigm shift in assessment and evaluation practices for engineering graduates	7/12/2020 - 12/12/2020	AICTE, Amal Jothy College of Engineering	Participant
	AICTE	IoT and Data Science	AICTE, St. Joseph's Pala	28/12/2020 - 2/01/2021	Participant
	AICTE	STTP on Outcome Based Education with Assessment and Evaluation	9 th November to 16 th November 2020	SCET	Participant

*Thank You*

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