Adi Shankara
INSTITUTE OF ENGINEERING AND TECHNOLOGY
ASIET

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DEPARTMENT OF **ELECTRONICS AND COMMUNICATION ENGINEERING (ECE)**

E X P L O R E ,   D R E A M ,   D I S C O V E R

G E N E S I S

IGNITING THOUGHTS

VISION: 🖊

To be recognized at national and international level for excellence in education and research in Electronics and Communication Engineering.

MISSION: 🖊

- Inculcating leadership qualities, adaptability and ethical values
- Imparting quality education in the field of electronics, communication, and related areas to meet the challenges in industry, academia and research
- Nurture the growth of each individual by providing a dynamic and conducive learning environment.

MARCH 2021 ISSUE 38: MONTHLY NEWSLETTER

DEPARTMENT ACTIVITIES/ACHIEVEMENT

A proud moment for the Department of ECE

The team from ASIET with four members of the department got selected for the Biotechnology Ignition Grant (BIG) ,a flagship scheme of BIRAC which recognizes and invests in innovative ideas in the biotech sector. This the only team from Kerala who got selected for the grant from about 1000 entries across the country. They can avail upto *50 Lakhs* for the project completion.

Women's Day Celebration

International women's day was celebrated on 8th March in harmony. It was supplemented by the inspiring speech of some of the senior faculty members and accompanied by some cultural activities.

Research Seminars Conducted In the Department

- The Second research seminar conducted by the Department of Electronics and Communication was delivered by Dr. V T Gopakumar on the Topic " Reliable Free Space Optical Communication for Disaster Management" on 3rd March 2021 at the Mini seminar Hall.

- The Third research seminar conducted by the Department of Electronics and Communication was delivered by Dr. Bipin P R on the topic "Convolutional Neural Networks" on 24th March 2021 at the Mini seminar Hall

- The Fourth research seminar conducted by the Department of Electronics and Communication at the Mini seminar hall was delivered by Dr. Bobby Mathews C on the topic "Fibre optic Sensors" on 26rd March 2021 .

CONGRATULATIONS

Mr. Albins Paul, Assistant Professor, Dept of ECE, has successfully cleared, GATE 2021 Examination

Mr. Viswesh Parameswaran, Student of S3, Dept of ECE has been selected in the IEEE Indian Council Newsletter Team 2021

ANNOUNCEMENT

- ACCESS'21 Conference dates has been postponed (the early scheduled Dates were May 26 to 28) to September 02 to September 04, 2021) .

- An update on ACCESS'21
  - Dr. Xingwang Li (Associate Professor at the School of Physics and Electronic Information Engineering, Henan Polytechnic University, Jiaozuo, China) has accepted our invitation as a Keynote Speaker @ ACCESS'21 Conference. He will be giving an expert talk on Physical Layer Security during the event.

STAFF ACHIEVEMENT AND PARTICIPATION

Dr Ragesh G K
- Attended as the resource person for a session on the topic titled " Research Trends in Body Sensor Networks" in AICTE sponsored FDP on "Research Challenges and Issues in Wireless Communication and Networks" at Sri Ramakrishna Institute of Technology, Coimbatore.
- Submitted the proposal "Design and Development of Privacy-Preserving Crypto schemes for User-Centric Data Access control for Applications in Trustworthy Ubiquitous Computing" to the TARE scheme of SERB_DST

Dr. Gopakumar V
- Submitted the proposal " Low cost fibreless Optical communication links for online Teaching and Learning and work from home/Remote and telemedicine at thinly populated /inaccessible areas and to reestablish quick communication connections at disasateraected locations in the state of Kerala "to SERB-DST under Core Research Grant. R Ragesh G K and Dr Suraj Damodaran are assigned as Co-Investigators for the Project.
- Published a Research Article on " A novel design proposal for low – cost vein viewer for medical and non-contact biometric applications using NIR imaging" in the Journal of Medical Engineering & Technology.
- Selected as the Official Malayalam Translator for NPTEL SWAYAM Course

Mr. Anuroop K B
- Attended as the resource person for a session on the topic titled "Setting up Adobe Creative Cloud" organized by Multimedia Research Lab, ASIET
- Attended as the resource person for a session on topic titled " Wearable IoT, IIoT, Setting-up MQTT, IoT simulation" in LORAWAN IOT workshop organized by Department of CSE, ASIETand ICFOSS, Kerala
- Shortlisted for BIRAC BIG Scheme, a flagship scheme of BIRAC which recognizes and invests in innovative ideas in the biotech sector.

Ms. Neema M
   Attended a Faculty Development Program(FDP) on " Artificial Intelligence using MATLAB" organized by CoreEL Technologies and MathWorks

Ms. Aswathy N
- Submitted a Proposal on student Project titled " Real-time monitoring of crop health management using AI" for KCSTE student project Scheme
- Submitted a Proposal on "VLSI and Embedded system in IoT" for AICTE ATAL FDP

Ms. Anju George
   Submitted a Proposal on "VLSI and Embedded system in IoT" for AICTE ATAL FDP

Ms. Arya Paul
- Awarded " Mentor Appreciation certificate" for the course "Python for Data Science" by NPTEL
- Attended as a Resource person in Laboratory Staff Skill Upgradation Workshop organized by Department of Electronics and Communication, ASIET.

Ms. Divya V Chandran
- Attended Faculty Development Program(FDP) on " Computer Vision and Data Mining" Sponsored by APJKTU at Rajadhani Institute of Science & Technology.
- Attended a Faculty Development Program(FDP) on " Artificial Intelligence using MATLAB" organized by CoreEL Technologies and Mathworks.
- Submitted a Proposal on student Project titled "Developing a Smart Intelligent System for Real-Time Growth Assessment of Fish & Waste Water Treatment for a Fish Farm" for KCSTE student project Scheme

Ms. Chinnu S
- Attended Faculty Development Program(FDP) on " Computer Vision and Data Mining" Sponsored by APJKTU at Rajadhani Institute of Science & Technology.

Ms. Neetha K

Attended Faculty Development Program(FDP) on"5G Technologies and IoT" organized by Electronics and Communication Engineering Department of Government Engineering College Palakkad.

STUDENT ACHIEVEMENT AND PARTICIPATION

Student Batch	Name	Title of Course attended	Conducted By
2020-24	Sathyajith S	Inceptus	IEEE SB ASIET
2020-24	Sathyajith S	Inceptus	IEEE SB ASIET
2018-22	Richard Robert	Python Course	IBM Python
		Android Nougat Mobile Apps Training	EDUCBA
		E-Learning	SGRD INSTITUTE
		Domestic Data Entry Operator	Skills India
		Electronic e-Quiz	Proudhadevaray a Institute of Technology
2020-24	Anusree A R	INCEPTUS	IEEE SBASIET
2020-24	Anjana Raveendran	INCEPTUS	IEEE SB ASIET
2017-21	RiswanP.R	Reboot Kerala harkaton 2020	asap

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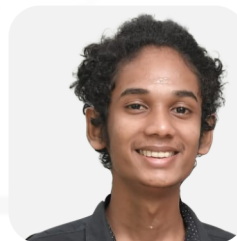
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IEEE Kerala Section

IEEE

ACCESS' 21

AICTE Sponsored

2nd International Conference

ADVANCES IN COMPUTING, COMMUNICATION, EMBEDDED AND SECURE SYSTEMS

Ernakulam, India, SEPTEMBER 2 – 4, 2021

Organized by **Department of ECE,**

Adi Shankara Institute of Engineering and Technology, Kalady, India

Technically sponsored by **IEEE Kerala Section**

CALL FOR PAPERS

About

ACCESS' 21 encourages full paper article submission in futuristic next - generation technologoies related to but not limited to the topics listed. Paper will go through a rigorous review process by the submission committee and authors will be notified.

Topics include:

Cyber-Physical Systems and IoT
Computer Science and Big Data
Artificial Intelligence
Machine Learning
BlockChain
Data Analytics
Computing
(Cloud, Cluster, Grid, Soft, Edge, Fog, Quantum, etc.)
Reconfigurable Systems, MEMS/NEMS
Networking Protocols and communication
(mm-Wave technologies, cognitive radio, spectrum management, WBAN, multi-carrier, M2M communication,etc.)
Signal and Image Processing
Cyber Security
Data Security/ Information Assurance

Abstract Registration Due
15th June, 2021
Submission Deadline
30th April, 2021
Notification Due
1st June, 2021
Final Version Due
1st July, 2021

Submit the full paper here:

https://easychair.org/conferences/?conf-access21

Visit us at **www.access21.in**

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