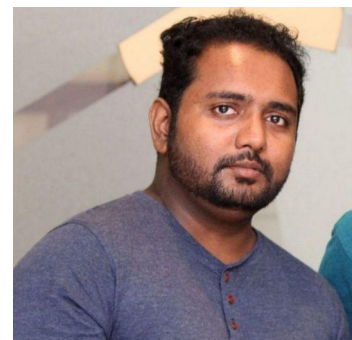


CAREER PORTFOLIO
OF
Paulbert Thomas



Contact Address:

Dr. Paulbert Thomas
Assistant Professor
Department of Electronics
The Cochin College, Kochi-2
E-mail: paulbert@thecochincollege.edu.in
Phone: +91-94968 27278



EDUCATIONAL HISTORY

- Did graduation in Physics from Union Christian College, Aluva in 2006 and post graduation in Electronics from Department of Electronics, Cochin University of Science and Technology(CUSAT) in 2008.
- Worked as independent embedded systems consultant for a year
- Joined the Radar Cross Section Laboratory, CUSAT as Junior Research Fellow in a Defense Research and Development Organization (DRDO) project.
- Now working as Assistant Professor in Electronics at The Cochin College, Kochi since 2012.
- Awarded Ph.D. in Microwave Electronics from CUSAT on topic Electro-magnetic applications in conducting polymers in the year 2020.

TEACHING EXPERIENCE

- Has been Assistant Professor of Electronics for 10 years at the Cochin College.

WORK EXPERIENCE

- Worked as Research Fellow under DRDO sponsored project at Department of Electronics, CUSAT during 2009-2010
- Worked as Consultant, Embedded Systems Design & Development Wing, Laxmi Infotek, Kalamassery, Kochi from 01-04-2008 to 25-02-2009.

AREAS OF INTEREST

- Electromagnetics-Antennas, EMI shielding, frequency selective surface, RADAR absorbing structures, metamaterials
- Material research-Conducting polymers, nonmetallic conductors
- Embedded Systems
- Signal Processing
- Machine learning
- Technology for enhanced teaching-learning experience

ACTIVITIES

- Resource person for Short-Term Course in MOOCS MOODLE on the topic: Video Editing conducted by HRDC, University of Kerala on 04-03-2023.
- Resource person for Short-Term Course in MOOCS MOODLE on the topic: Video Recording Tools conducted by HRDC, University of Kerala on 28-02-2023.
- Resource Person for 173rd Induction Programme conducted by HRDC, University of Kerala on 22-03-2022.
- Resource Person for Career Talk at St. Joseph's College, Moolamattom
- Resource person for the workshop on Innovative tools for Online Teaching and Content Creation, conducted by Carmel College, Mala, Thrissur on August 11, 2021
- Resource person for Tech-Talks Series on E-Content Development Workshop, conducted by St. Paul's College, Kalamassery on 22-06-2021
- Resource person for Ten day Faculty Development Training Workshop on ICT Tools for Online Teaching, conducted by UGC- Paramarsh Cell, Mar Ivanios College, Thiruvananthapuram on 02-06-2021
- Resource person for Online FDP on Video Content Preparation & Video Editing, MHRD- Teaching Learning Centre, University of Calicut on 08-01-2021
- Resource person for One Week Online FDP on OBS and Kdenlive for video editing, Providence College, Calicut on November 23-24, 2020
- Resource person at NSS College, Rajakumari, Idukki on the topic Technical aspects in Remote teaching, on August 01, 2020
- Conducted a training programme for students on solar panel installation and maintenance on December 11, 2017
- Conducted a solar powered emergency lamp assembling training programme for students on June 25, 2016.
- Conducted a Household electrical awareness class for the public on February 27, 2016 in response to a survey conducted previously regarding electrical awareness among residents of Mattancherry.
- Conducted an LED bulb assembling training for public in 28-11-2015.
- Attended FLAIR induction training programme Phase 1 & 2.
- Got selection in FLAIR programme, a venture for college teachers by KSHEC, Govt. of Kerala and attended the Induction Training.
- Attended a faculty development programme in IT tools for academics (Moodle) conducted by ICT academy of Kerala in association with FLAIR from 14-15 December 2015.
- Attended UGC sponsored national workshop on Building and designing of digital libraries using Dspace open source software during 24-25 October, 2015

- Participated in Seventh ISSS national conference on MEMS, Smart materials, Structures & Systems organized by ISSS at during 23-25 september 2015.
- Delivered a talk on “Career Opportunities in Physical Sciences” at Sree Narayana Guru Grandhasala, Poothotta for Plus two and High School students, 22 May 2014.
- Delivered a talk on Conducting Polymers for Microwave Electronics as part of Electronics Club Inauguration at Union Christian College, Aluva, 21 August 2014.
- Delivered a talk on Advanced Matlab Programming for Learning Physics at St. Paul's College, Kalamassery, 09 January 2014.
- Delivered a talk on “Materials for Microwave Communication Technology” at Aquinas College, Edakochi, 29-30 August 2013.
- Delivered a talk on “Microwave Applications of Conducting Polymers” at Govt. Model Engineering College, Thrikkakara, June 21, 2013.