



MOHAMED SATHAK
A. J. COLLEGE OF ENGINEERING
SIRUSERI IT PARK, OMR, CHENNAI 603 103



PHYSICS FDP

Department:	DEPARTMENT OF PHYSICS			
Type of Event:	FDP			
Event Title:	Emerging Trends In Material Frontiers			
Date & Time:	27.05.2020 – 29.05.2020 & 5.30PM – 6.30PM			
Venue / Mode (Platform):	Online mode (Google meet)			
Organizer:	DEPARTMENT OF PHYSICS, MSAJCE			
Coordinator(s):	V.SHOBANA, Dr. D.BALAJI			
Details of Participants:	External participants from various institutions like Academicians, Researchers, Industry & Students.			
Profile of the Chief Guest(s)		DAY-1(27.05.2020)	DAY-2 (28.05.2020)	DAY-3 (29.05.2020)
	Name of the Guest Speaker	Dr.Udayakumar Kanniyappan	Dr. I. Davis Jacob	Dr. K.Prabakaran
	Organization	University of Montreal, Quebec, Canada	Sri Vidya College of Engineering and Technology, Virudhunagar	College of material Science and Engineering, Hunan University, Changsha., P.R. China
	Designation	Post Doctoral Fellow	Assistant Professor	Post Doctoral Fellow
	Contact Number			
	E-mail ID			
Write-up on Event	<p>The workshop started with 80 participants from different institutions on 27.05.2020 at 5.30pm with welcome address by V.Shobana and introduction of chief guest by Dr. D.Balaji , Asst.Prof, Department of Physics, MSAJCE.</p> <p>The first day 27.05.2020 (Wednesday) session was handled by the guest speaker Dr.Udayakumar Kanniyappan, Post Doctoral Fellow, University of Montreal, Quebec, Canada. The speaker elaborated in detail about, <i>Optimal Coherence tomography imaging in Retina</i>. During the session he explained about the retina functions elaborately. In the discussion time with the participants, he answered all the questions patiently up to the participants' satisfaction.</p>			

The second day 28.05.2020 (Thursday) session was handled by the guest speaker Dr. I. Davis Jacob, Assistant Professor, Sri Vidya College of Engineering and Technology, Virudhunagar. He explained in detail about **Overview of Supercapacitor and the role of Nanomaterials for the design of supercapacitors**. During the discussion session, he meticulously elaborated in detail for the participants' questions.

The third day 29.05.2020 (Friday) session was handled by the guest speaker Dr. K.Prabakaran, Post Doctoral Fellow, College of material Science and Engineering, Hunan University, Changsha, P.R.China. The speaker elaborated in detail about, **Evolution in Nanomaterials and their optoelectronic Application**. During the session he explained various types of fuel cells and its advantages clearly. In the discussion time with the participants, he answered all the questions patiently up to the participants' satisfaction.

Dr.D.Balaji, Associate Professor / PHYSICS & CO-ORDINATOR of this FDP proposed the vote of thanks to the chief guest, guest of honor

Photographs

MOHAMED SATHAK
A J COLLEGE OF ENGINEERING
34, Rajiv Gandhi Salai (OMR), Shreeff II Park, Chennai - 603103

Department Of Physics Organized By

3 DAYS FDP on EMERGING TRENDS IN MATERIAL FRONTIERS

DATE: 27.5.2020 TO 29.5.2020

REGISTRATION FEES: Rs.100
G PAY : 7449018960

Online Registration
<https://inyuri.com/ydcwdms>

All registered participant will get E certificate

Convenor:
Ms. V.Shobana
HoD/ S&H
Dr. D.Balaji
AP/ PHYSICS

FOR DETAILS : 8667386324 / 9940855738

+91-9940004500 / 044 - 27470024 msajce.office@gmail.com www.msajce-edu.in

Overview

- Introduction
- Research projects
 - Multi-modal optical spectroscopy for cancer diagnosis
 - Development Needle redox imager for breast cancer diagnosis
 - Optical Coherence tomography (OCT) of retina (at present)
- Summary
- Suggestion for postdoc applications

2:33

Université de Montréal

POSTER

DAY- 1

Electrostatic & Electrolytic Capacitor

Sathyambharani

DAY - 2

Device Structures

Ferrari, L. et al 2018, ACS Photonics, 5(3), pp.3557-3564

Saiti Addini, B. K. et al 2020, ACS Photonics, 7(5), pp.554-561

Prabakaran, K. et al 2019, Applied Surface Science, 476, pp.993-999

Wang, C., et al 2018, Jour Chem Phys, 148(13), pp.13613-13621

Li, L. et al 2020 Journal of Alloys and Compounds, p.155123

Prabakaran

DAY - 3

	Day -1	Day-2	Day-3
Feedback from the participants	S.Suresh: Excellent Presentation	SENTHAMIL SELVAN R: Materials for Future	Dr.R.HARIHARASUTHAN: VERY NICE GOOD TOPICS ON THE EMERGING FIELD
	Mr. Rajesh N. Kamath: Well Organised	Dr.R.HARIHARASUTHAN: Impressive Information	Baskaran.P: Excellent Presentation
	VEENA S N: It was very Informative	Gurulakshmi S: Excellent Speaker	SAVITHA V: Informative Session
	Dr.Varalaxmi.Narla: Sir, Research work is excellent and delivered well	M.A.AZEEM: Very Informative Session	Josephine G: Well Organised

Prepared By :

Reviewed / Forwarded by:

Signature:

Name: DR. D.BALAJI

V.SHOBANA

Designation: ASSOCIATE PROFESSOR

HOD/ H&S

Date:

Principal