



You Choose, We Do It
St. Joseph's College of Engineering
 St. Joseph's Group of Institutions
 OMR, Chennai - 119.
 COUNSELLING CODE : **1317**



2019 RANK-128
 IN ENGINEERING CATEGORY

9 UG COURSES ACCREDITED
 SINCE 2003

We prepare for

Cambridge

English Qualifications

DEPARTMENT OF SCIENCE
REPORT – FACULTY DEVELOPMENT PROGRAMME ON
“RECENT TRENDS IN MATERIAL FRONTIERS”
DATE: 29th and 30th May 2020

BACKGROUND & OBJECTIVE:

Department of Science, St. Joseph’s College of Engineering organized a Faculty Development Programme on “RECENT TRENDS IN MATERIAL FRONTIERS” for Faculty, Research Scholar & Industrial persons on **29th and 30th May 2020**. The main objectives of this FDP are to provide qualified staffs with a relevant education in Materials Science and Engineering preparing them for a productive and rewarding career. application of materials solutions, development of new materials, improvement of existing materials, development of new materials processing, or development of new analytical tools and to enhance or radically improve existing and future technology. To understand the fundamentals (structure, properties and processing) of nano materials to appreciate its advantages and limitations and to apply those fundamentals for selecting and developing nano materials for different engineering applications.

RESOURCE PERSON DETAILS:

DATE	TOPIC	PRESENTER	Link
20-05-2020 (FN) 10 – 11AM	Fourth State Of Matter And Its Applications	Dr. Ramasamy Raju Senior R&D Scientist Intel Corporation, NM, USA	https://youtu.be/edFFbhZQRuE
20-05-2020 (AN) 2.30 – 3.30PM	Nanotechnology In Energy Applications	Dr. N. Jeyakumaran Dean Research Associate Professor V.H.N.S.N College, Virudhunagar	https://youtu.be/n0fUDHkIPCA
30-05-2020 (FN) 10A– 11AM	A Strategic Design Engineering For The Fabrication Of Bio Based Industrial Products For A Sustainable Environment	Dr. S. Ananda Kumar Associate Professor Department of Chemistry Anna University, Chennai .	https://youtu.be/Cn3YyOzybcM
30-05-2020 (AN) 2.30 – 3.30PM	Organic Solar Cells	Dr. Kumar Palanisamy Research Scientist Intercomet S.L. Madrid Spain	https://youtu.be/1cIGGQBw4bY

WEBINAR DETAILS:

The Faculty Development Programme on “RECENT TRENDS IN MATERIAL FRONTIERS” was conducted using the Google link (<https://bit.ly/2LVmMaU-reg4-fdp>) and E-certificate has been issued to the participants those who were submitted feedback form through feedback link (<https://forms.gle/i5r1x2XaBuwYyie99>); (<https://forms.gle/4RhdlYogzNGJWB5E7>); (<https://forms.gle/bxuWYWtQjrNWfX9h6>); (<https://forms.gle/2ZBcNpNEwn4HuXVP7>)

PARTICIPANT'S DETAILS:

Total Number of Registrations: 1,352 responses

Around **782** participants attended the webinar and E-certificate was issued to participant's registered mail ids. In this faculty development programme, **701** faculty members, **45** Research Scholar, **30** students, and **06** industrialists participated from **132** institutions

Participants from Tamilnadu: 658

Participants from other States: 119 (AP, Telengana, Kerala, J&K, UP, Maharashtra, Karnataka, Delhi)

Participants from other Country: 05 (Ethiopia-2, Zambia-1, Qatar-1, Spain-1)

OUTCOME:

An overwhelming response has been received for FDP from various educational institutions and industrial persons. The participants have given very good feedback for the flawless conduct and certificate issued.

HOD/Convener
Dr.V.N. Nandini Devi M.Sc., Ph.D.,
Professor and Head
Department of Science

Principal
Dr. Vaddi Seshagiri Rao

Organizers
Dr. N . Punitha/ASP/Dept. of Physics
Dr. S. Suresh/AP/Dept. of Physics
Dr. P. Saravanan/AP/ Dept. of Chemistry