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St. Joseph's College of Engineering
 St. Joseph's Group of Institutions
 OMR, Chennai - 119.
COUNSELLING CODE : 1317



DEPARTMENT OF SCIENCE
REPORT – International webinar series on
"CARBON NANOSTRUCTURES & IT'S APPLICATIONS"
DATE: 20th and 21st July 2020

BACKGROUND & OBJECTIVE:

Department of Science, St. Joseph's College of Engineering organized an International webinar series on "CARBON NANOSTRUCTURES & IT'S APPLICATIONS" for Faculty, Students, Research Scholar and Industrial persons on **20th and 21st July 2020**. The main objectives of this webinar are to provide in depth knowledge to enhance scientific research in carbon nanostructures and its potential applications in various industries. Carbon nanostructures play a vital role in Modern technologies as it is available in various dimension like fullerene (0 D), carbon nanotube (1 D), Graphene (2 D) and most recently 3 D carbon nanostructures called as "Mackay Crystal" gain technological importance in various industries. The day 1 of webinar was planned to deliver about the carbon nanostructure applications as supercapacitors and day 2 of webinar was about the development of various carbon nanostructures like single walled, multi walled, Y-shaped carbon nanostructures etc. The following table outline the topic and speaker details, in addition youtube link were provided for reference.

RESOURCE PERSON DETAILS:

DATE	TOPIC	PRESENTER	Link
20-07-2020 10.30 – 11.30 AM	"Efficacy of nanostructured energy materials for Supercapacitors"	Dr. S. ARULMANI, M.Sc., M.Phil., Ph.D. Assistant Professor, Department of Chemistry, Bannari Amman Institute Of Technology	https://youtu.be/1PqPmJys6O8
21-07-2020 10.30 – 11.30 AM	"Development of Various Carbon Nano Structures"	Dr. S. CHANDRA KISHORE, Ph.D. Assistant Professor, Faculty Of Information And Communication Science , Uniersity Of Information Science And Technology, Republic Of North Macedonia	https://youtu.be/iGvMS11WZPA

WEBINAR DETAILS:

The international webinar series on "CARBON NANOSTRUCTURES & IT'S APPLICATIONS" was conducted using the Google link <https://forms.gle/dSGCkuAqMZoK89Az6> and E-certificate

has been issued to the participants those who were submitted feedback form through feedback link <https://forms.gle/dJPFpv5ZEVn58wUJ6>, <https://forms.gle/ajZCwcVxFCqwZJMd8>.

PARTICIPANT'S DETAILS:

Total Number of Registrations: 1,499 responses

Around **1127** participants attended the webinar and E-certificate was issued to participant's registered mail ids. In this faculty development programme, **496** faculty members, **151** Research Scholar, **460** students, and **20** industrialists participated from more than **500** various institutions

Participants from Tamilnadu: 771

Participants from other States: 294 (AP, Telengana, Kerala, J&K, UP, Maharashtra, Karnataka, Delhi, Haryana, Chhattisgarh, Nagaland, Chandigarh, Rajastan)

Participants from other Country: 62 (Pakistan-30, Nigeria-23, Qatar-1, Sultanate of Oman-4, South Africa-1, Taiwan-2, UAE-1)

OUTCOME:

An intense response has been received for the webinar from various educational institutions and industrial persons. The participants have given very good feedback for the flawless organization of the program. Furthermore the certificate for the participants and speakers were delivered within three days.

HOD/Convener

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

Principal

Dr. VaddiSeshagiri Rao

Organizers

Dr. S. Suresh/AP/Dept. of Physics
Dr. S. Manikandan/AP/Dept. of Physics
Dr. P. Krishnan/AP/Dept. of Physics
Mr. S. M. Prakash/AP/ Dept. of Chemistry