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VIMALA COLLEGE (AUTONOMOUS), THRISSUR

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Report

Academic Year 2020-2021

Name of the Event: FDP on 'A Century of Polymer Science: Developments and

Challenges'

Date: 17-08-2020 to 21-08-2020

Time: 2.30 am - 4.00 pm

Venue: Online via Google Meet

Organized by: Post Graduate Department of Chemistry, Vimala College

(Autonomous)

No. of participants: 63

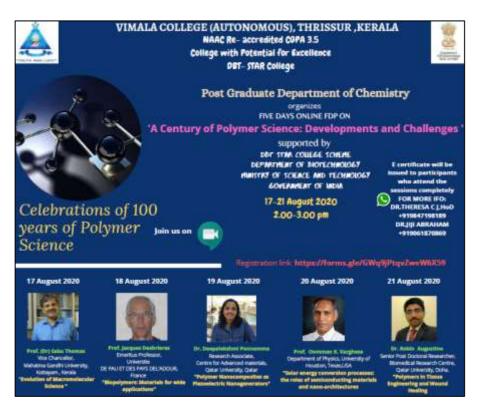
Report

The year 2020 marks the 100th anniversary of the publication of a ground breaking hypothesis that polymers consist of a very large number of covalently linked monomeric units. It was reported by Prof. Hermann Staudinger in his publication On Polymerization (Ber.Dtsch.Chem.Ges,53, 1073-1085, 1920). As a tribute to the great scientist **Prof. Hermann Staudinger**, Post Graduate Department of Chemistry, Vimala College (Autonomous)Thrissur organized a faculty development programme on the topic 'A century of Polymer Science: Developments and Challenges' from 17.08.2020 to 21.08.2020

The National Level Online Faculty Development Program was organized for five days 17-08-2020 to 21-08-2020 by the Post Graduate Department of Chemistry, Vimala College (Autonomous) Thrissur with the financial assistance from Department of Science and Technology under DBT STAR college scheme. It was a virtual meeting through google meet. The programme was coordinated by Dr. Jiji Abraham (DBT Star College Scheme and Assistant Professor, Dept. of Chemistry, Vimala College). This course was aimed for teachers who are teaching various disciplines of science and engineering subjects in colleges or Universities. There were 70 number of participants completed this programme successfully.



Brochure







Day 1 - 17.08.2020

Day 1 program began with a welcome address by Dr. Jiji Abraham, Asst. Professor, Department of

Day	Speaker	Торіс
17-8-2020	Dr. Sabu Thomas Vice-Chancellor, Mahatma Gandhi University, Kottayam, Kerala, India -686 560	Evolution of Macromolecular Science
18-08-2020	Prof. Jacques DESBRIÈRES Emeritus Professor IPREM UMR5254 - UPPA/CNRS Technopole Hélioparc 2 avenue du Président Pierre Angot 64053 PAU CEDEX 09 Tél: +33 4 76 67 15 86	Biopolymers: Materials for wide applications
19-08-2020	Dr. Deepalekshmi Ponnamma Research Associate Center for Advanced Materials, Qatar University, Qatar	Polymer Nanocomposites as Piezoelectric Nanogenerators
20-08-2020	Prof. Varghese Ommen Nanomaterials and Devices Laboratory, Department of Physics, University of Houston, Texas 77204, USA.	Solar energy conversion processes: the roles of semiconducting materials and nano-architectures
21-08-2020	Dr. Robin Augustine Postdoctoral Researcher Mechanical Engineering Department Biomedical Research Center of Qatar University	Polymers in Tissue Engineering and Wound Healing

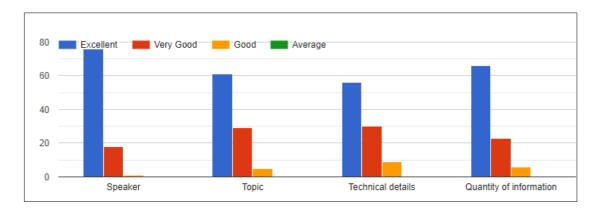
Chemistry Vimala College (Autonomous) Trissur. The meeting was presided by Dr. Sr. Beena Jose, Vimala College (Autonomous) Trissur. Prof. Dr. Sabu Thomas, Vice Chancellor, Mahatma Gandhi University Kottayam inaugurated the FDP programme. Prof. Thomas delivered a talk on the topic



Evolution of Macromolecular Science. In this lecture Prof. Thomas emphasized on the discovery of polymers, History, and their various applications. This session was chaired by Dr. Nancy Mathew.

Feedback Link

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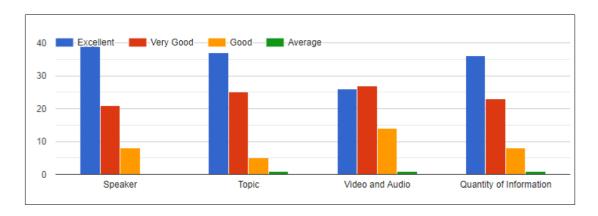


Day 2 -18.08.2020

In the second day of the programme, Prof. Jacques DESBRIÈRES has delivered a talk on Biopolymers: Materials for wide applications. Through this lecture participants got an overview of various biopolymers, their properties and applications. Dr. Jiji Abraham welcomed the gathering and Dr. Remya Govind proposed the vote of Thanks.

Feedback Link

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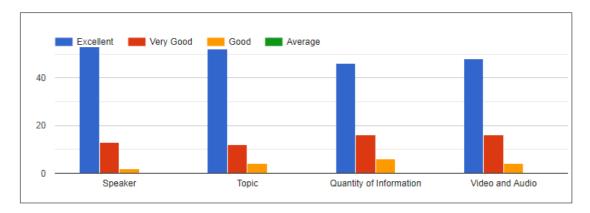
Day 3 -19.08.2020

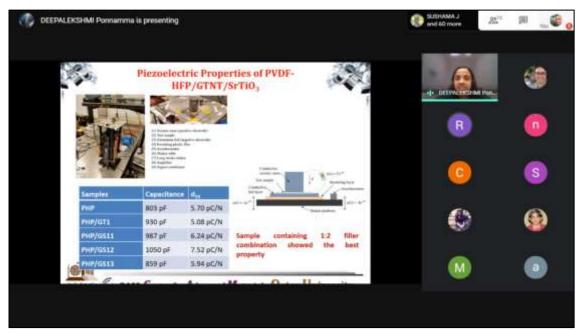
In the third day of FDP Dr. Bijoy P Mathew welcomed and introduced the speaker. Dr. Deepalekshmi Ponnamma. Dr. Ponnamma started the lecture on the topic Polymer Nanocomposites as Piezoelectric Nano generators from very basic idea of piezoelectricity. Dr. Ponnamma covers the area of polymers as piezoelectric nano generators. Dr. Srilekshmi P Bhaskar gave the vote of thanks

Feedback Link

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Day 4- 20.08.2020

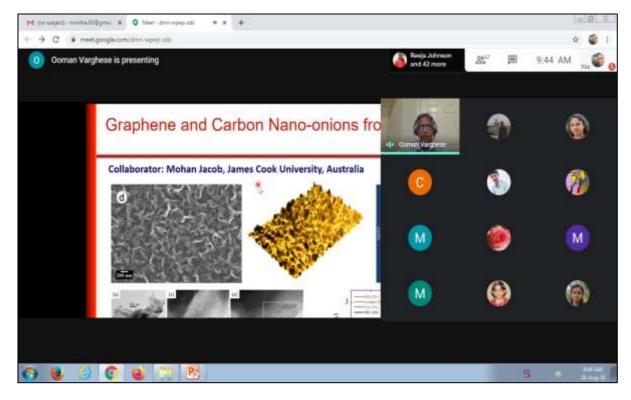
Day 4 program began with a welcome address and speaker introduction by Ms. Susan Samuel which was followed by talk by Prof. Varghese Ommen on the topic 'Solar energy conversion processes: the roles of semiconducting materials and nano-architectures'. In this session participants were learned the application of solar cell, installation of solar cell with minimum cost of materials and also to enhance the conversion efficiency of solar cells. Ms. Jidha K S chaired the session

Feedback Link

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Day 5- 21.08.2020

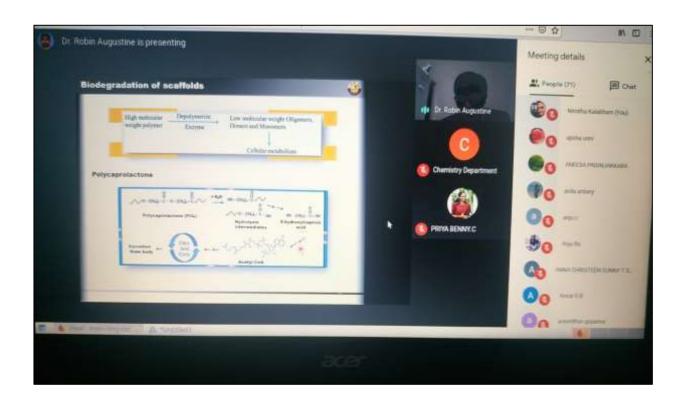
In the fifth day of FDP programm, Dr. Jiji Abraham welcomed and introduced the speaker, Dr. Robin Augustine. Dr. Augustine delivered a talk on Polymers in Tissue Engineering and Wound Healing. The programme ended with Vote of Thanks by Ms. Nimitha K C, Assistant Professor, Dept. of Chemistry. Feedback was received from the participants and E-certificates were sent to the participants by mail. On the whole the program was well appreciated by the participants

Feedback Link

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List of Participants

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