



## ST. XAVIER'S COLLEGE, MAPUSA GOA

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<b>Nature of Event</b> ( Workshop, Guest Lecture, Add on Course, Seminar, etc.)	International Seminar
<b>Name of Department</b>	Chemistry
<b>Faculty Incharge</b>	Ms. Janesline Fernandes, Dr. Johnross Albuquerque & Dr. Rheane Da Silva
<b>Stratum of Event</b> ( College, State, Regional, National)	International
<b>Title of Event</b>	International Webinar on: "Nanotechnology and Material Science".
<b>Date of Event</b>	28 <sup>th</sup> to 29 <sup>th</sup> March 2022
<b>Venue</b>	Seminar Hall, St. Xavier's College, Mapusa, Goa
<b>Resource Person details</b>	Chief Guest, Dr. Bidhan Shinkre, Associate Professor in Chemistry, School of Chemical Sciences, Goa University. Dr. Sajo Naik, CMC Materials, Chicago, Illinois-USA. Dr. Dickson Babu, St. Thomas College, Kerala, India. Mr. Sachin Kochrekar, MICRG, Department of Chemistry, University of Turku, Finland. Dr. Keziah Sasitharan, Centre for Advanced Photovoltaics, Czech Technical University, Prague.
<b>Objective/ Scope of Event</b>	To provide the participants an opportunity to initiate scientific dialogue and interact with researchers on an international platform.
<b>Particulars of Event</b>	The International Seminar began with the address by the Chief Guest, Dr. Bidhan Shinkre, Associate Professor in Chemistry, School of Chemical Sciences, Goa University, who spoke encouragingly and motivated the students to dream big and work hard towards making those dreams into reality to achieve success. The Resource Persons for day one of the webinar, Dr. Sajo Naik, CMC Materials, Chicago, Illinois-USA, highlighted the types of clays and their importance in industrial applications through his session on "Natural Porous Materials from Industrial perspective." The second speaker of the day Dr. Dickson Babu, St. Thomas College, Kerala, India, brought under the spotlight the role of chemistry in the Energy sector in his session on "Energy in the 21 <sup>st</sup> Century: Developing functional Materials for

	<p>Electrochemical Energy Conversion.”</p> <p>The resource persons for the second day, Mr. Sachin Kochrekar, MICRG, Department of Chemistry, University of Turku, Finland featured “Chemical Reduction of CO<sub>2</sub>”, highlighting the importance of remediating the level of CO<sub>2</sub> in our environment and showcased useful techniques on its capture and conversion into useful products such as methanol, etc.</p> <p>Dr. Keziah Sasitharan, Centre for Advanced Photovoltaics, Czech Technical University, Prague focused on solar cell research “Metal-Organic nanosheets: A new dimension in solar cell research”. She focused on the importance of using renewable resources and the use of chemistry to create nanomaterial that can be applied in solar technology.</p>
<b>Outcome of Event</b>	Participants understood wider aspects and fields of study in Chemistry. Further an understanding on how Chemistry can be useful in developing functional materials for Energy Conversion.
<b>Feedback</b>	This event received excellent feedback from all the participants.
<b>Total No. of Participants</b>	102

## Photographs



**Dr. Sajo Naik**



**Dr. Dickson Babu**



**Mr. Sachin  
Korchekar**



**Dr. Keziah  
Sasitharan**