

## My research journey through polymers to solid state NMR spectroscopy

Programme	Date	Resource Person	Company/Designation
International Webinar	10.08.2020	Dr. Gisha Elizabeth Lukachan	Lecturer in Chemistry, College of arts and science, KHALIFA university, Abu-Dhabi ,UAE

**Title :** My research journey through polymers to solid state NMR spectroscopy

**Details:** In connection with platinum jubilee year of St. Mary's college, the Department of Chemistry, organised an international webinar on the topic "My research journey through polymers to solid state NMR spectroscopy" by Dr. Gisha Elizabeth Lukachan, Lecturer in Chemistry, College of arts and science, KHALIFA university, Abu-Dhabi ,UAE on 10<sup>th</sup> August 2020 at 1 pm in google platform. The webinar was inaugurated by, Dr. Sr. Magie Jose, Principal, St. Mary's College, Thrissur. Staff, students and researchers from various institutions participated in the webinar. The webinar was informative and inspiring.

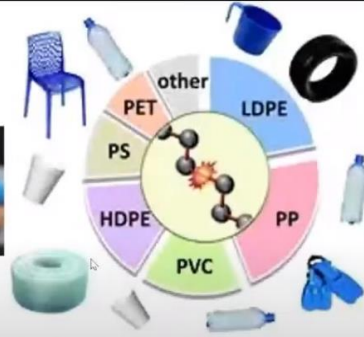
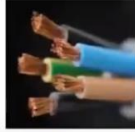
**Images :**

The poster is for an international webinar titled "My Research Journey Through Polymers to Solid State NMR Spectroscopy". It is part of the Platinum Jubilee Year 20-21 celebrations. The resource person is Dr. Gisha Elizabeth Luckachan, a Lecturer in Chemistry at the College of Arts & Sciences, Khalifa University of Science & Technology, Abu Dhabi, UAE. The webinar is organized by the Department of Chemistry at St. Mary's College, Thrissur, Kerala, India. The date is 10/8/2020 at 12.00pm on the Google Meet platform. Registration is free, and a certificate will be provided. The registration link is <https://forms.gle/QNBcCbYqtX8rmo8aA>. The patron is Dr. Sr. Magie Jose, and the coordinator is Dr. T. Geetha. The convenor is Dr. Bincy Joseph.

## Polymer properties & uses

Polymers generally called plastics are

- light in weight
- near-zero moisture absorption.
- Good mechanical strength
- Chemical resistance
- Impact resistance
- Good insulator
- Low coefficient of friction



Main draw back of plastic material  
❖ Non biodegradability



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