

**Report of National Webinar on**  
**'Sustainable Polymers'**

This is hereby reported that a National Webinar on '**Sustainable Polymers**' was organized by Shyam Lal College, University of Delhi under the aegis of DBT Star College Scheme in collaboration with IQAC on **19<sup>th</sup> November 2020** using Zoom as an online platform (**Annexure 1**). **Dr. Bimlesh Lochab**, Associate Professor, Department of Chemistry (SoNS), Shiv Nadar University, was the keynote speaker of the day. More than 50 participants, including students and teachers from various disciplines attended the webinar. The feedback forms reflected that a majority of participants found the webinar to be very useful and informative and were highly satisfied with the ideas and concepts so presented (**Annexure 2**). For this overwhelming success, the organizers are very thankful to **Prof. Rabi Narayan Kar** (Principal, SLC) and **Dr. Kusha Tiwari** (Coordinator IQAC) for their support and guidance throughout the organization of this event. Glimpses of the event and attendance of those submitted the feedback forms is attached herewith as **Annexure 3** and **4**, respectively.

## Annexure 1



SLC (UNIVERSITY of DELHI)

SHYAM LAL COLLEGE

under aegis of

DBT STAR COLLEGE SCHEME

in collaboration with IQAC

organizes



NATIONAL WEBINAR

On

SUSTAINABLE POLYMERS

Eminent Speaker



**Dr. Bimlesh Lochab**

Associate Professor, Department of Chemistry (SoNS)  
(SHIV NADAR UNIVERSITY)

Nov 19,2020 . 4:00 PM onwards  
Platform: Zoom

Dr. Ashu Gupta  
Coordinator, DBT  
(Chemistry Department)

Dr. Kusha Tiwari  
Coordinator, IQAC

Prof. Rabi Narayan Kar  
Principal, SLC

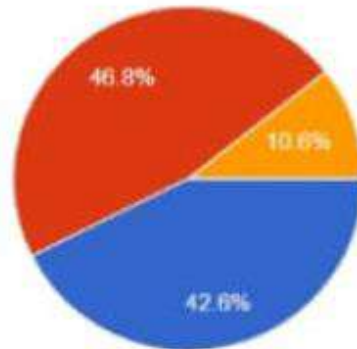
**Student Coordinators:** Aviral Singh, Vansh Kochhar, Prachi Singh, Niharika, Aditya Parashar.

**Student Members:** Anurag, Arnav, Astha Chaudhary, Chhatrapal Yadav, Manan Arif, Muskan Gupta, Neeraj Pandey, Pooja, Rahul Sharma, Ritik Chaudhary, Saurav Verma, Sonu Kamal, Abhishek, Ritik Jha, Prachi Chaturvedi, Jai Chauhan, Dhani Ram, Mohsin sheikh, Dhruv, Sneha, Prachi.

## Annexure 2

How informative did you find the webinar?

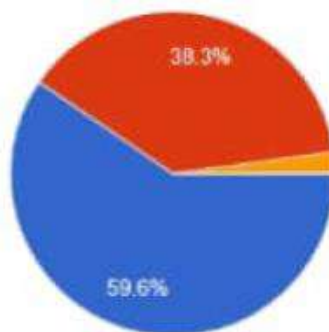
47 responses



- Extremely informative
- Very informative
- Moderately informative
- Not very informative

Overall how satisfied were you with this webinar?

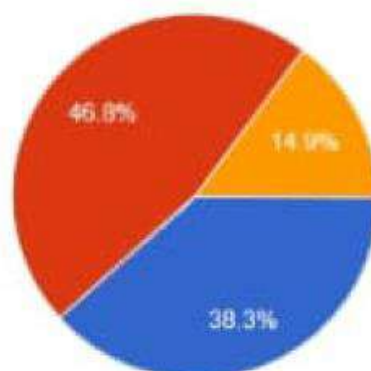
47 responses



- Very satisfied
- satisfied
- Neither satisfied nor unsatisfied

How clear were the ideas and concepts we presented?

47 responses



- Extremely clear
- very clear
- Moderately clear
- not very clear

### Annexure 3

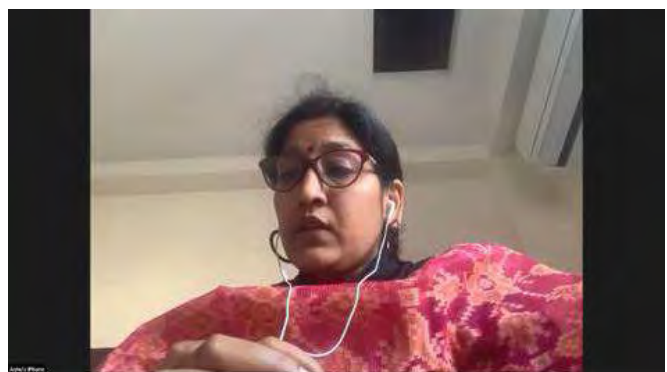
Shyam Lal College (University of Delhi)  
DBT Star college Scheme  
Webinar @ 4 pm

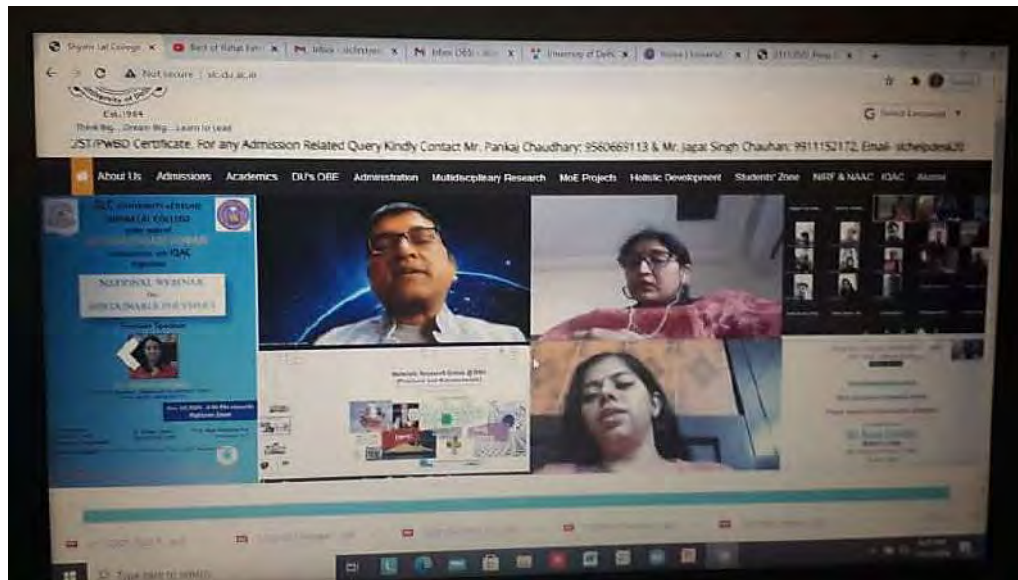
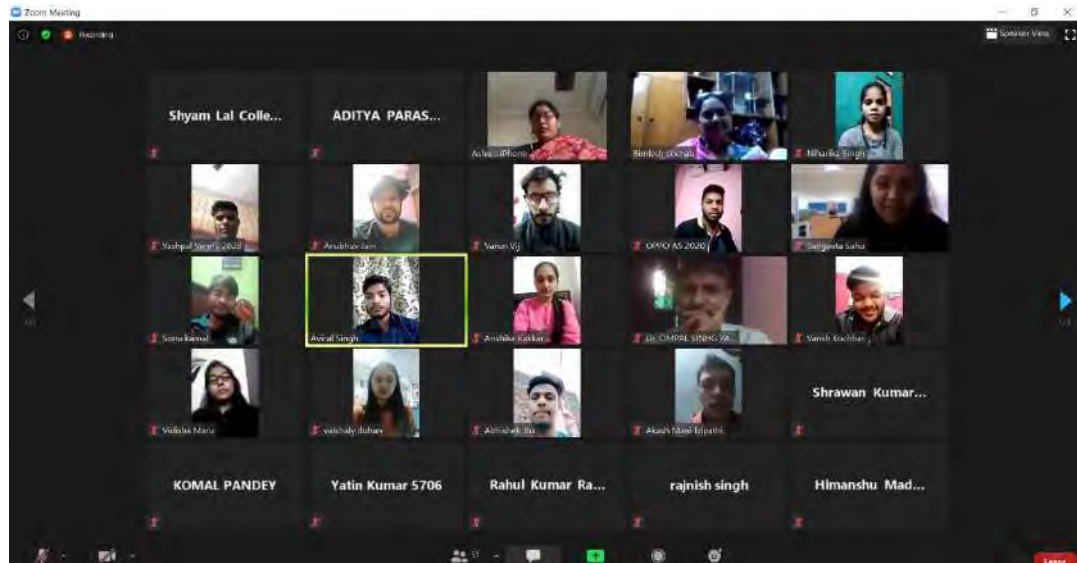
**Sustainable polymers**  
**Next generation phenolic resins**  
**Flame resistant Lithium-sulfur batteries**

**SHIV NADAR UNIVERSITY**  
Bimlesh Lochab  
Shiv Nadar University, UP, India  
19<sup>th</sup> Nov, 2020

The screenshot shows a Zoom meeting interface. At the top, there are several video thumbnails of participants. The main window displays a presentation slide titled "Materials Research Group @ SNU (Polymers and Nanomaterials)". The slide features a central diagram of "GREEN CHEMISTRY" with various icons and text boxes. Below the diagram are three boxes labeled "Energy", "Materials", and "Drug Delivery". The chat window on the right contains several messages:

- From: Ananya Singh to: Everyone: Since sulphur is very big in size wt lithium, and also has low conductivity as of lithium. It expands more during recharge it may lead to faster degradation. Is there any way to resolve these issues using graphene or any other method?
- From: Ananya Singh to: Everyone: How can we make plastics sustainable?
- From: Bimlesh Lochab to: Everyone: What are the reasons we are a lot behind the foreign countries in using these methods which you have explained?
- From: Varun VJ to: Everyone: Can't we use H<sub>2</sub> as a fuel as it has almost 3times the calorific value of lpg and it is easy to prepare too by just electrolysis of water.
- From: Ananya Singh to: Everyone: what are the cheap biodegradable polymers
- From: Ananya Singh to: Everyone: thank you ma'am for such a informative talk... thank!
- From: Me to: Varun VJ (Private): yes mam plz off - screen sharing
- To: Varun VJ (Private): Type message here...





### Annexure 4

| 1  | Timestamp           | NAME                  | COLLEGE  | DESIGNATION |
|----|---------------------|-----------------------|--|-------------|
| 2  | 11-19-2020 16:52:56 | Varun Vij             | Shyam Lal College  | Student     |
| 3  | 11-19-2020 16:52:56 | Riya Pathak           | Shyam Lal College  | Student     |
| 4  | 11-19-2020 16:53:02 | Rajnish singh         | Hansraj  | Student     |
| 5  | 11-19-2020 16:53:04 | Prachi Singh          | Shyam Lal College  | Student     |
| 6  | 11-19-2020 16:53:13 | Bhawna Tyagi          | Shyam Lal College, DU  | Student     |
| 7  | 11-19-2020 16:53:47 | Yashika Sharma        | Miranda House, University of Delhi                             | Student     |
| 8  | 11-19-2020 16:53:48 | Shrawan Kumar         | Shyam Lal college  | Student     |
| 9  | 11-19-2020 16:53:57 | Krati Pandey          | Shyam Lal college  | Student     |
| 10 | 11-19-2020 16:54:34 | Ardra T L             | University College of engineering, muttom,Idukki, kerala       | Student     |
| 11 | 11-19-2020 16:55:10 | Muhammed Ashique Aliy | UCE Thodupuzha   | Student     |
| 12 | 11-19-2020 16:55:31 | Catharin Wilson       | University College of engineering, thodupuzha, Idukki, Kerala. | Student     |
| 13 | 11-19-2020 16:55:34 | Aditya Parashar       | shyam Lal college  | Student     |
| 14 | 11-19-2020 16:55:56 | KIRUBAGARAN.K         | VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY                  | Student     |
| 15 | 11-19-2020 16:56:13 | Sakshi                | Shyam Lal College  | Student     |
| 16 | 11-19-2020 16:56:15 | Arnav Gupta           | Shyam Lal college  | Student     |
| 17 | 11-19-2020 16:57:08 | Chhatarpal yadav      | Shyam Lal  | Student     |
| 18 | 11-19-2020 16:57:12 | KIRUBAGARAN.K         | VELALAR COLLEGE OF ENGINEERING AND TECHNOLOGY                  | Student     |
| 19 | 11-19-2020 16:57:53 | PRAVEEN JOSEPH        | UNIVERSITY COLLEGE OF ENGINEERING THODUPUZHA                   | Student     |
| 20 | 11-19-2020 16:58:17 | DHANANJAYA SHARMA     | SHYAM LAL COLLEGE  | Student     |
| 21 | 11-19-2020 16:58:42 | DHANYALAKSHMI S       | UNIVERSITY COLLEGE OF ENGINEERING, THODUPUZHA                  | Student     |
| 22 | 11-19-2020 16:59:18 | Anagha s nair         | University College of engineering                              | Student     |
| 23 | 11-19-2020 16:59:19 | ARUN SAJI             | UNIVERSITY COLLEGE OF ENGINEERING , THODUPUZHA                 | Student     |
| 24 | 11-19-2020 17:00:27 | Sonu kaml             | Shyam Lal college  | Student     |
| 25 | 11-19-2020 17:00:55 | Rahul Kumar Rana      | Shyam Lal College  | Student     |
| 26 | 11-19-2020 17:00:56 | Hridya Padmanabhan M. | University college of Engineering Thodupuzha                   | Student     |
| 27 | 11-19-2020 17:01:41 | Dr. OMPAL SINGH YADA  | Shyam Lal College University of Delhi, Delhi 07                | Faculty     |
| 28 | 11-19-2020 17:01:49 | Vasu Malhotra         | Hindu College, University of Delhi                             | Student     |
| 29 | 11-19-2020 17:02:54 | Hridya Padmanabhan M. | University college of Engineering Thodupuzha                   | Student     |
| 30 | 11-19-2020 17:02:56 | Sandhra cs            | University College of engineering thodupuzha                   | Student     |
| 31 | 11-19-2020 17:03:34 | Himanshu Madhad       | Chemistry Department, Gujarat University                       | Student     |
| 32 | 11-19-2020 17:04:35 | Anubhav Jain          | Shyam Lal College  | Student     |
| 33 | 11-19-2020 17:12:48 | Vidisha Maru          | Shyam Lal College  | Student     |
| 34 | 11-19-2020 17:13:08 | Niharika Singh        | Shyam Lal College  | Student     |
| 35 | 11-19-2020 17:13:22 | Abhishek Kumar Jha    | Shyam Lal college  | Student     |
| 36 | 11-19-2020 17:18:58 | Rasmina shirin TP     | University College Of Engineering, Muttom                      | Student     |
| 37 | 11-19-2020 17:20:12 | Vansh Kochhar         | Shyam Lal college  | Student     |
| 38 | 11-19-2020 17:20:21 | Aviral Singh          | Shyam Lal College  | Student     |
| 39 | 11-19-2020 17:27:19 | Rasmina Shirin TP     | University college of engineering, Muttom                      | Student     |
| 40 | 11-19-2020 17:34:54 | Astha Choudhary       | Shyam Lal College  | Student     |
| 41 | 11-19-2020 17:39:25 | Abina p               | University College of engineering thodupuzha                   | Student     |
| 42 | 11-19-2020 17:39:47 | Rashmi rawat          | Shyam Lal college  | Student     |
| 43 | 11-19-2020 17:40:06 | Abhishek yadav        | Shyam Lal college  | Student     |
| 44 | 11-19-2020 17:54:26 | Niraj Kumar           | Shyam Lal College Shahdara                                     | Student     |
| 45 | 11-19-2020 18:16:28 | Muskan gupta          | Shyam Lal College  | Student     |
| 46 | 11-19-2020 18:52:40 | Arshu rahman k        | University college of engineering muttom                       | Student     |