

2021-2022

Name of Society: Chemical Society-RasayanatvaName of the Event: Webinar on "Environmentally benign solvents for sustainable development"Date of the Event: 23.10.2021

Resource person: Prof. Ramesh L. Gardas

On October 23, 2021, a webinar was conducted from 11:00 am onwards, through Google Meet by the Department of chemistry, Hansraj College together in collaboration with IQAC. Dr. Indrani (Coordinator) and Dr. Satish Chand (Convenor, Chemical Society) organized the webinar which went underway with the welcome address by Dr. Satish Chand, Associate Professor, Hansraj College. In this webinar, Prof. Ramesh L. Gardas was the resource person.

Prof. Ramesh L. Gardas currently joined with IIT Madras as an associate professor in chemistry has more than 19 years of research and 9 years teaching experience. His major research interests include Ionic Liquids, Chemical Thermodynamics; Fluid Phase Equilibria, Group Contribution methods; Structure-Property correlations. He started the webinar by introducing the audience with the sustainable development goals which should be acceptable, equitable and viable considering social, environmental and economic aspects. He discussed what the concept of Green Chemistry is and how it is effectively reduces negative human health and environment effects while offering a strategic pathway to build a sustainable future. He discussed the problems with volatile organic compounds (VOCs), need for alternative solvents as well as strategies of VOCs replacement. He threw light on history of Ionic liquids and showed comparison between various organic solvents and ionic liquids in order to show how they can bring a lot of possibilities for sustainable development. He discussed how Ionic liquids are very useful in various fields including synthesis and catalysis, process technology, electrochemical and thermodynamic applications and many more. He ended his lecture through a simple quote "Be Positive, No negative". After the lecture, questions from the attendees were taken up. Dr. Satish Chand thanked him for his undeniably excellent lecture and the webinar ended with vote of thanks from Dr. Indrani.

Feedback of the session were secured in the feedback form.



FEEDBACK ANALYSIS

TOTAL NO. OF PARTICIPANTS: 90-100

FEEDBACK OBTAINED: 65

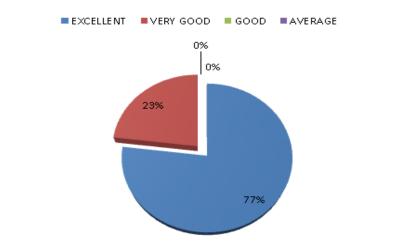
FEEDBACK RESPONSE OBSERVATIONS

- \star <u>77% of the participants found the session to be very useful.</u>
- \blacktriangleright <u>71% of the attendees rated the webinar as excellent.</u>
- ★ <u>75% of the participants appreciated the knowledge of the speaker as excellent.</u>
- ★ <u>83% of the participants found the session overall interesting, informative and engaging.</u>

FEEDBACK DATA

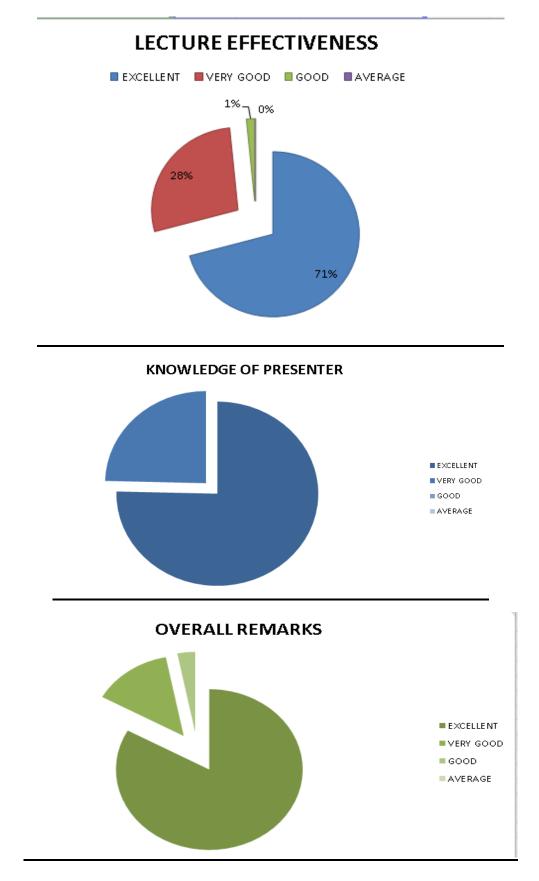
WEBINAR	EXCELLENT	VERY GOOD	GOOD	AVERAGE
USEFULNESS	50	15		
LECTURE EFFECTIVENESS	46	18	1	
KNOWLEDGE OF PRESENTER	49	16		
OVERALL REMARKS	54	9	2	

PICTORIAL REPRESENTATION OF FEEDBACK ANALYSIS



USEFULNESS







GLIMPSES OF THE WEBINAR

