

Webinar on “Challenges and Opportunities in using Ionic Liquids as Green Solvents for Chemical and Technological Applications”

Date: 08-06-2020

Participants: 330

Resource Person: Prof. Ramesh L. Gardas, Department of Chemistry, IIT, Chennai



Sir P T Sarvajanik College of Science, Surat

WEBINAR

**Challenges and Opportunities in using
Ionic Liquids as Green Solvents for
Chemical and Technological Applications**

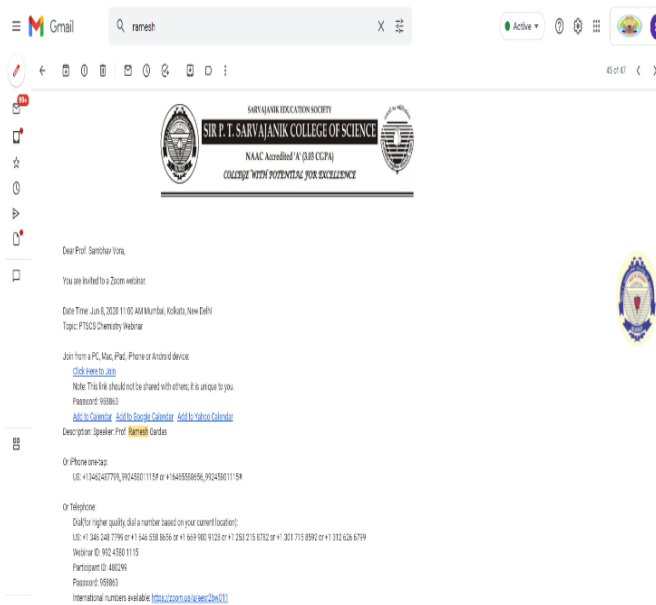
**June 8, 2020
11:00 AM**



Speaker
Prof. Ramesh Gardas
IIT, Chennai

Registration Link
<https://forms.gle/VQ94qYZWPgFo4tvXA>

Last date: June 7, 5:00 PM



<https://fb.watch/6PTNwe6yt3/>

Brief Report:

The commonly used solvents like Acetone, benzene, toluene etc. for synthesis in industrial production, are known to cause health and environmental problems. To overcome this, the search for alternatives to the hazardous volatile organic solvent is of great importance as they are used in huge amounts and are majorly volatile liquids. The electrochemists are interested in the ionic liquids, comprising entirely of ions. It is possible, by careful choice of starting materials, to prepare ionic liquids that are liquid at and below room temperature. Prof. Ramesh Gardas emphasized on the challenges a scientist may face while synthesizing ionic liquids and its usage as alternative green solvents. He also narrated the opportunities in research and applications of ionic liquids as green solvents. He elaborated whole topic in a very simple language.