



BON SECOURS ARTS AND SCIENCE COLLEGE FOR WOMEN

(Affiliated to Mother Teresa Women's University)

Madurai Road, Begambur(P.O), Dindigul - 624 002.

DEPARTMENT OF CHEMISTRY WEBINAR- REPORT

DATE: 24/07/2026

OBJECTIVE OF THE PROGRAMME:

- To introduce the concept of green solvents and their importance in modern chemistry.
- To create awareness about sustainable chemistry and environmentally responsible chemical practices.
- To provide exposure to recent developments and innovations in sustainable chemical technologies.
- To motivate students towards research and innovation in the field of environmentally sustainable chemistry.

REPORT:

The Department of Chemistry, Bon Secours Arts and Science College for Women, Dindigul, organized a webinar on **“Green Solvents: The Future of Sustainable Chemistry”** on 24 July 2026 through Google Meet. The webinar focused on the growing importance of green chemistry and environmentally sustainable chemical practices, with particular emphasis on the use of safer and more environmentally friendly solvents. The welcome address was given by S.Shanmugapriya of III year chemistry and presidential address was addressed by our principal Dr.S.Gayathri followed by the keynote address delivered by Dr.H.Thagira Banu, Head of the department. The session was handled by the resource person **Dr. S. Selva Ganesan**, Professor, Department of Chemistry, School of Chemical and Biotechnology, SASTRA Deemed University, Thanjavur through google meet. His academic expertise and experience provided the participants with valuable insights into the principles and applications of green solvents. The session featured Dr. S. Selva Ganesan as the resource person. He introduced the participants to the significance of green solvents and discussed their role in making chemical processes more sustainable. The webinar emphasized the need to reduce the use of hazardous substances and adopt chemical processes that are safer for humans and the environment.

The topic was particularly relevant to chemistry students because solvent selection is an important aspect of laboratory work, chemical synthesis and industrial processes. The session encouraged students to think beyond conventional chemical practices and consider safer, cleaner and more sustainable alternatives. The participation of an experienced academic resource person also helped students gain exposure to current perspectives in the field and encouraged them to explore sustainable chemistry as an area of higher education and research. The webinar on **“Green Solvents: The Future of Sustainable Chemistry”**. We received positive feedback from the participants and webinar completed with vote of thanks delivered by M. Marjuca Rizwana of II year chemistry. Overall, the event successfully fulfilled its objectives by enhancing knowledge, promoting sustainable thinking, encouraging research interest and motivating students to contribute towards a greener and safer future through chemistry.

Programme outcomes:

- **Increased Awareness of Green Chemistry**
Students developed a better understanding of the importance of Green Chemistry and its role in addressing environmental challenges.
- **Understanding of Green Solvents**
Participants gained knowledge about the concept, significance and potential applications of environmentally friendly solvents.
- **Awareness of Environmental and Health Risks**
The programme helped students recognize the potential hazards associated with the excessive or improper use of conventional solvents.
- **Promotion of Sustainable Laboratory Practices**
Students were encouraged to consider safety, waste reduction and environmental impact while carrying out laboratory experiments.
- **Exposure to Current Trends in Chemistry**
The webinar introduced students to contemporary approaches in sustainable chemistry and encouraged them to explore emerging areas of chemical research.

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PHOTOS



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