

International Conference on  
Organic and Inorganic Chemistry

8<sup>th</sup> World Congress on  
Green Chemistry and Technology  
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## Recent trends of research on green chemistry and technology and its implication to environment awareness and management

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**G**reen chemistry or sustainable chemistry is more resource-efficient, focused on the designing of products and processes that minimize the use and generation of hazardous substances and become environment friendly. Recent Trends - Attempts are being made not only to quantify the greenness of a chemical process but also to factors in other variables such as chemical yield, the price of reaction components, safety in handling chemicals, energy profile and ease of product workup and purification in one quantitative study.

The manufacture of Green Solvents, development of synthetic products, carbon dioxide as blowing agent, production of Hydrazine, production of organic carpet tile backings, Transesterification of fats, manufacture of Bio-succinic acid, addressing alternatives to Toxic chemicals and production of other environment friendly lab chemicals are some of the

growing fields of research which are to be discussed in detail in the Congress subject to the time limit.

In addition to it, the broad spectrum and scope of Education on Green Chemistry and Global awareness programmes on reduction of environmental pollution and degradation through Green Chemistry shall be a major point of discussion. Our club plans to organise awareness programmes in different parts of our country on "The Role of Green Chemistry Technology in the Context of Global Environment Pollution and Climate Change" among public and students from our limited resource and request to our Govt. to include a chapter on Green Chemistry in the syllabus/ courses of studies of the Master Degree in Science (Chemistry) to develop the interest in higher study and research among them.

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