

Catalytic and Green Chemistry: Editorial

Sandhya Kille

Department of Microbiology, Acharya Nagarjuna University, India

EDITORIAL

Catalysis is one in every of the basic pillars of green chemistry, the planning of chemical products and processes that reduce or eliminate the employment and generation of hazardous substances. The economic benefits of green chemistry are central drivers in its advancement.

The term 'Green Chemistry' was coined by Anastas of the US Environmental Protection Agency (EPA). In 1993 the EPA officially adopted the name 'US Green Chemistry Program' which has served as a point of interest for activities within the US, like the Presidential Green Chemistry Challenge Awards and also the annual Green Chemistry and Engineering Conference. This doesn't mean that research on green chemistry didn't exist before the first 1990s, merely that it didn't have the name. Since the first 1990s both Italy and therefore the UK have

launched major initiatives in green chemistry and, more recently, the Green and Sustainable Chemistry Network was initiated in Japan. The inaugural edition of the journal Green Chemistry, sponsored by the Royal Society of Chemistry, appeared in 1999. Hence, we may conclude that Green Chemistry is here to remain.

Green chemistry is getting extended in many researches and industry areas. Not only pharmaceutical companies but also the opposite chemical industries began to take a step for green chemistry because of its advantages like decreasing of waste and value.

A reasonable working definition of green chemistry are often formulated as follows. Green chemistry efficiently utilizes (preferably renewable) raw materials, eliminates waste and avoids the utilization of toxic and/or hazardous reagents and solvents in the manufacture and application of chemical products

*Correspondence to: Sandhya Kille, Department of Microbiology, Acharya Nagarjuna University, India, E-mail: sandhyaranikille96@gmail.com

Received date: 10 February, 2021; Accepted date: 17 February, 2021; Published date: 24 February, 2021

Citation: Sandhya K (2021) Catalytic and Green Chemistry: Editorial. Organic Chem Curr Res. 10:207.

Copyright: © 2021 Sandhya K. This is an open-access article distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.
