



## **Green Chemistry & Sustainability : Basic Principles & Barriers in Its Implementation**

**Sandwar<sup>1</sup>, Binod Bihari<sup>2</sup>, Kumar Rajiv<sup>3</sup>**

\*Assoc. Professor & HOD CHEMISTRY, Samastipur College Samastipur

\*\*Research Scholar, PG Deptt. of chemistry, samastipur college, Samastipur

### **ARSTRACT**

*The present paper deals with the basic Rules of GREEN CHEMISTRY which provides a Framework for learning basic concept of Green chemistry as well as designing or Improving Materials, products, Chemical processes and systems. The most important point is How we can implement all the Twelve Basic principles which can lead to sustainability and overall development of the country in view of socio-economic Growth and Rapid industrialization. However Researchers, chemists, scientists, industrialists including NGO,s come across a lot of barriers during its proper implementation even in the Developed country like USA & OTHER COUNTRIES.*

**Keywords :** *Basic principles, green chemistry, barriers, green technology, catalysts vs stoichiometric reagents.*