

## **GREEN CHEMISTRY IS THE MAJOR SUSTAINABLE INDUSTRY FOR THE DEVELOPMENT OF HEALTH, BASIC NEED OF LIFE, REDUCES FINANCIAL CRISES, POVERTY AND HUNGER IN THE WORLD**

**Muhammad Usman**

Former Director General, Agriculture research system, KPK-Pakistan

The aim of presentation consist of green chemistry, health, daily life, crises, poverty and hunger were studied and reported that green chemistry is the major sustainable industry for the development of health, basic need of life, reduce financial crises, poverty and hunger in the world. Chemistry is the science of composition, structure, properties and reaction of a substance, matter and molecular system. Green chemistry is one of the major and sustainable industry consists of design of chemical products and processes that reduce or eliminate the use or generation of hazardous substance. Green chemistry applies across the life cycle of a chemical product including its design, manufacture, use and ultimate disposal. It is also called as a sustainable chemistry, is an area of chemistry and chemical engineering focused on the designing of products and process that minimize the use and generation of hazardous substances. The major principal of green chemistry including prevention, atom economy, less hazardous chemical synthesis, designing safer chemicals, safer solvents and auxiharies, design for energy efficiency, use of renewable feed stocks etc. In the light of the above study, it is concluded that green chemistry prevent pollution, reduce the negative impact of chemical products, eliminate the amount of toxic substance and minimize the hazards of chemical feed stock, It is the major sustainable industry for the development of health, basic need of life, generate income, increase employment, reduce financial crises, poverty and hunger in the world.