



Nallamuthu Gounder Mahalingam College, Pollachi (Autonomous)

NAAC Accredited and Affiliated to Bharathiar University

23PCY2VA- ENTREPRENEURIAL VENTURES IN CHEMISTRY

(A value added course offered by Post Graduate Department of Chemistry)

Offered to: **Students of all streams**

Total Hours: **30Hrs**

Semester of offering: **Even**

MISSION

To lead the chemical industry into a sustainable future by pioneering environmentally friendly materials and processes, ensuring a harmonious balance between technological advancement and ecological responsibility.

VISION

To be a global leader in sustainable chemistry, driving innovation to create eco-friendly solutions that redefine industry standards, promote environmental stewardship, and inspire a lasting commitment to a greener future.

Scope

- Explore and develop innovative, environmentally friendly chemical processes and technologies that minimize or eliminate the use of hazardous substances and reduce overall environmental impact.
- Conduct educational programs, workshops, and awareness campaigns to inform industries, consumers, and policymakers about the benefits of sustainable chemistry, fostering a culture of responsible chemical use.
- Explore and implement sustainable energy sources in chemical production processes, aiming for carbon-neutral or even carbon-negative operations.

Objectives

- To provide knowledge of household products to address the needs of chemical industry.
- Able to synthesize house hold Cleaning agents, formulation of cosmeceuticals and hygiene products.
- To enhance student sense of enthusiasm for chemistry and to involve them in an intellectually stimulating experience of learning in a supportive environment.
- To impart knowledge on marketing approaches on studying consumer need, need gaps and global markets.

Course Outcomes

- To acquire basic information about the possibilities and limitations of household products, their importance and marketing.
- To familiarize the authorized ingredients for household products, their origin, chemical nature and importance.
- Develop new innovations in Chemical, pharmaceutical, cosmetics and allied chemical industries and successfully implement them at an industrial scale.
- Hands on experience for manufacturing industries.

Advantages

Students will be familiar with the different exposure of chemicals used in day to day life such as Cleaning agents, surfactants and Insect repellent one can design and practice ecofriendly cosmetics of their own.

Employability

- To provide worldwide opportunity to study household products.
- Students have the opportunity to undertake an optional placement and enhance their entrepreneur skill by offering valuable experience.

Contact Details:

Dr. V.Prabhu

Email Id: prabhunmr@gmail.com

Mobile Number: 9487361663

Mrs. K. Vimaladevi

vimaladevik@ngmc.org

9865222985

Course fee: Rs. 350/-

Class time: 4.00pm to 5.00 pm

Course starts on 04.01.2024

Course admission: first week of December 2023
