

**GOVERNMENT COLLEGE FOR WOMEN  
(AUTONOMOUS)  
KUMBAKONAM**

**DEPARTMENT OF CHEMISTRY**

Programme : M.Sc., Chemistry

Programme Code : PSCH



**SYLLABUS**

2021 – 2022 ONWARDS

## **Programme Outcomes :**

**PO 1 :**The qualitative and the quantitative analytical knowledge in chemistry

**PO 2 :** Able to proficient in advance level of Chemistry.

**PO 3 :** Carryout experiments in the area of organic analysis, estimation, separation, derivative process, inorganic semi micro analysis, preparation, conductometric and potentiometric titrations.

**PO 4 :** Improving Career prospects (Inter and intra disciplinary) & Enriching individual skills (such as analytical reasoning, Critical thinking, Problem solving)

**PO 5 :** Able to explore new areas of research

**PO 6 :** Able to explain the integral activity of chemistry for addressing social, economic, environmental issues, energy deficiency, human health and medicine

## **Programme Specific Outcomes:**

**PSO 1 :** Have sound knowledge about the fundamentals of chemistry and applications on various field.

**PSO 2 :** Will become familiarize with different areas of chemistry.

**PSO 3 :** Acquires the ability to synthesize, separate and characterize compounds using laboratory and instrumental techniques

**PSO 4 :** Understanding the causes of environmental issues and its controlling measures

**PSO 5 :** To attain global level research opportunities to pursue Doctorate targeted with CSIR-NET

**PSO 6 :** Enormous job opportunities at all level of chemical, pharmaceutical, food products, life oriented material industries.

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**DEPARTMENT OF CHEMISTRY**  
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