

## **Curie Club: The Science Forum of the College**

The Curie Club, established in the 2017-2018 academic year, serves as the college's dedicated science forum, with the core objective of raising awareness about the significance of science in contemporary society. Its mission is to ignite interest and concern for scientific issues that impact personal, social, environmental, and technological contexts. By fostering a deeper understanding of science, the club aims to encourage thoughtful discussions and create a platform for addressing scientific challenges and innovations that shape our world today.

### **Goal:**

- Ensure academic and professional success.
- Foster interest in chemistry and promote scientific curiosity.
- Provide assistance in chemistry and encourage an exchange of ideas.
- Familiarize students with fundamental chemistry principles and current methods to describe and forecast phenomena.
- Raise awareness of the application of scientific principles, especially in societal issues.
- Highlight career opportunities in chemistry.

### **Context:**

Curie Club offers students the opportunity to engage with chemistry outside the classroom, promoting both academic success and social interaction. Students can visit chemistry-related industries, assist each other with homework, and explore career or higher education options. The club promotes scientific research, social service, and bridges the gap between scientific discoveries and public knowledge. It aims to provide insights into chemistry career paths, enhance student-professor partnerships, and keep students updated on scientific advances. The club also hosts workshops featuring prominent scientists in various fields of chemistry.

### **Practice:**

The club is open to anyone wishing to support and promote the sciences, assisting both undergraduate and postgraduate students with professional development, mentoring, and peer support in the chemical sciences. Key activities include:

- Organizing lectures, seminars and workshops by eminent personalities from institutes/organizations of repute.
- Holding science exhibitions
- Organizing college-wide recycling projects.
- Providing academic tutoring services.
- Participating in environmental clean-up projects (e.g., parks, beaches).
- Hosting building tours and chemical demonstrations for students, faculty, and staff.

- Providing job support by organizing conferences, company tours, and trips to medical colleges.
- Maintaining a regularly updated job opening database and offering information on summer internships.
- Exploring undergraduate research opportunities.
- Preparing charts, posters, models etc.
- Organizing lecture competitions, science quiz, & collage competitions
- Workshops are conducted to teach students techniques of household chemicals.

### **Merits of the Practice:**

Chemistry integrates technology, mathematics, and biology to enhance quality of life and provide solutions to societal challenges. As a fundamental science, it drives advancements in physics, biology, and medicine. Chemistry contributes to environmental improvements and the development of pharmaceuticals for health conditions. The club fosters research knowledge that benefits the manufacturing of everyday goods, such as clothing and building materials.

### **Evidence of Success:**

- Increased recognition of chemistry's importance in students' daily lives.
- Appreciation of chemistry for its aesthetic value.
- Students demonstrated ethical behaviour and understood the real-world applications of chemistry.
- Students committed to lifelong learning.