

Annual Report
DEPARTMENT OF CHEMISTRY
2020-21

Ours is the biggest department in the college with eight faculty members for UG and one for PG catering to the needs of students while teaching in the classroom and performing practicals in the laboratory. The Department runs Post Graduation course (M.Sc) with specialization in Organic Chemistry and Polymer Chemistry as an elective paper. The Department has four well-equipped laboratories for conducting usual practical's and research activities. In order to ensure accuracy in the research pursuit, major instruments like spectrophotometer, conductivity meter, pH meter, flame photometer, UV Visible Spectrophotometer, centrifuge machine and digital balance etc are available in the laboratory. The faculty members published good number of research papers in reputed national and international journals.

➤ **Poster Competition**

The E-Poster Competition on Social and Economical Impact of Covid-19 Pandemic on Mankind was organized on 26th May 2021. The Competition was conducted with the aim to help the participants to manifest their views so as to gauge their awareness quotient when all the educational institutions were locked down due to the COVID-19 crisis. Three participants were awarded Certificate of merit. Ms. Sakshi Binekar a student of Sindhu Mahavidyalay Nagpur bagged the first prize while Ms. Renuka Kadpate and Ms. Sakshi Zade of Science College Nagpur were adjudged fit for the second and third prize respectively. Ms. Tanisha Shukla was given a consolation prize. The students actively participated in the following activity.

- **Safety Awareness Programme:** Department organized safety awareness programme on 3rd Feb 2021 to aware the laboratory staff and students about the skill of handling the fire extinguisher and other devices.
- **Skill Based Course in Environment and Water management :**

To accomplished the students with recent trends and techniques used in determination of pollutant level in water bodies certificate course in “**Environment and Water Management**” started as a skill base course . Water samples collected from nearby area were analysed for different physicochemical parameters. The course was well coordinated by Dr. Y. K. Meshram while Dr. Reshal A. Deshmukh worked as a course Co-ordinator of Diploma course in Environment and water management .

➤ **Research Outcome**

All the staff members are actively engaged in research of their interest and published papers in the journal of national and international repute. They are also guiding every year PG students to complete their research projects and papers published in International Journal.

Dr.R.U. Khope - 02, Dr. R.D. Urkude- 02 and Dr. P.N. Deshmukh-1, Dr. J.K. Gunjate – 05,Dr. P.S. Utale – 02

➤ **Online Workshop/Conferences Attended**

All the staff members of the department attended online Conferences and Workshop organized by various Colleges amid the corona pandemic

➤ **Achievements:**

- Three Staff members namely Dr..R.U.Khlope, Dr.Reshal Deshmukh and Dr.Rashmi Urkude were elevated as **Professor** from the Department of Chemistry
- Department conducts program leading to Ph.D. degree. Since its inception 13 students have been awarded doctorates.
- Alumni of the Department are holding key positions in the industry and academic institutions

➤ **Healthy Practices:-**

- Faculty members uploaded various topics of Chemistry for students on e-shiksha portal of R.T.M.U Nagpur.

- Staff members generously donated funds towards **PrimeMinister Covid fund.**