

**K.T.S.P.Mandal's**  
**Hutatma Rajguru Mahavidyalaya, Rajgurunagar**  
**Annual Report**  
**Department of chemistry 2024-25**

---

In the academic year 2024–25, the Department of Chemistry introduced an internal assessment program aimed at enhancing academic quality and student awareness. A notable achievement includes Prof. P. S. Kulkarni publishing a research paper in an international journal and serving as a resource person at an international conference organized by Dayanand Science College, Latur.

Faculty members Prof. S. S. Kolekar and Dr. S. P. Jadhav, along with research students Rupali Vadak and Nita Gundal, presented research papers at a national conference. Additionally, the department conducted six Monthly Progress Report presentations for Ph.D. students to track their research development.

For undergraduate students, the department organized a diagnostic test for F.Y.B.Sc. students on 8<sup>th</sup> August 2024 to identify slow and advanced learners. Among 40 participants, 19 were classified as advanced learners and 21 as slow learners. To support their growth, slow learners received extra assignments, while advanced learners were provided with a question bank for further academic advancement.

Key academic activities included a hands-on session on the use of UV Spectrophotometry, held on 7<sup>th</sup> October 2024 for M.Sc. Part I and II students, where 11 students participated. This session emphasized the principles and applications of UV/Vis spectrophotometers in scientific industries.

Moreover, a Chemdraw Workshop was organized on 20<sup>th</sup> October 2024 for M.Sc. 1st-year students, attended by 15 participants. The workshop focused on training students in drawing organic structures, reaction mechanisms, and preparing professional research schemes for publication.

The Department of Chemistry remains committed to academic excellence and student skill development.

**Dr. P. S. Kulkarni**  
**Head of Department**

UV-Visible Work shop



Welcome of External Examiner Ph. D. Progress



Ph. D. Progress Report Presentation of Ph. D. Students



Chem Draw Workshop for M. Sc. Students

