

Department of Physics

Annual Report-2022-2023

In this academic year, a total of 478 students were enrolled in the department, out of which 171 students enrolled in B.Sc.-I, 151 students in B.Sc.-II, and 156 students in B.Sc.-III year. In the academic year 2022-23, for M.Sc. 1st year Physics, a total of 23 students have been enrolled in the department

1. Student Participation in Various Competition

Prerna Ghuikar from M.Sc.-II year participated in "Avishkar-The Research Festival-2022". She has got 1st prize in the district and 2nd prize at the university level. She had participated in state-level Avishkar at Savitribai Phule University Pune, under the guidance of Shri S. R. Jaiswal.

Priyanka Kahndare from M.Sc.-II year from Dept. of Physics participated in 21st Women's Maharashtra State Boxing Championship and got the Olympics silver medal.

2. Meritorious Students from Department

Ku. Karishma Panjawani has secured 1st rank and Ku. Pooja Hatgoankar has secured 3rd rank in the university merit list undergraduate category in the academic years 2021-22. Both the girls were belonging to Physics, Mathematics, and Chemistry groups. Miss Prerna Ghuikar from PG Department of Physics 2022-23 has Qualified SET Examination held on 26 March 2023 in appear.

3. National Science Day 28th February 2023

(Link: <https://rltsc.edu.in/wp-content/uploads/2023/04/Report-of-National-Science-Day-28th-Feb-2023.pdf>)

Department of Physics (Photon Club) in collaboration with Institute of Innovation Council (IIC) and IQAC, Shri R. L. T. College of Science, Akola, celebrated National Science Day on 28th February 2023. On this occasions

department organized Poster and Quiz competition. **Dr. V. D. Nanoty** was a chairperson and Inaugurator of the program. Dr. R L. Rahtgaonkar, IQAC Coordinator, and Dr. P. T. Agrawal Head Dept. of Chemistry and Coordinator of IIC were present for the program. All head of the departments with staff members were also present in the program. The program started by worshipping the photo of C. V. Raman. After that inaugurating **Photon Club** from the inaugurator and respected delegates. In this program nearly 19 students from UG and 06 students from PG were participated in the poster competition and nearly 16th students from UG & PG (four groups) were participated in Quiz Competition. Among which Meenakshi N. Ingle from B.Sc.-III year under UG category and Megha U. Mahode under PG category got a 1st prize in the poster competition. Prof. Ram Chavan, Dr. S. R. kohchale, Prof. S. C. Zyate were invited as a jury member. In the quiz competition, students were categories in to four group namely Alpha, Beta, Gama and Delta. Among the four group Alpha group have selected as a winner group in quiz competition. Shri P. P. Gedam as a convener Dr. R. M. Agrawal as a co-convener worked and and Shri S. R. Jaiswal worked as a coordinator of this program.

4. Educational Tour

(Link: <https://rltsc.edu.in/wp-content/uploads/2023/04/Report-on-Educational-Tour-Nagpur.pdf>)

Learning science is fun only when one has attitude and aptitude to find the fun factor in it. To propagate scientific temperament among the students, college always inspires a visit to research institutes or scientific places as an educational tour. The department of Physics, Chemistry and Diploma in Astronomy of Shri R.L.T. College of Science, Akola organized an education tour at NEERI-CSIR Laboratory, Raman Science Centre, Maharaja Bagh Zoo Park Nagpur, Maharashtra on 29th March 2023. National Environmental Engineering Research Institute or NEERI (CSIR-NEERI) falls under the Ministry of Science and Technology of Central Government, India. CSIR-NEERI would continue to strive for providing innovative and effective

solution for environmentally sustainable development and to help government, industry and society especially the 800 million underprivileged people of India. The visit started with the introduction of CSIR-NEERI at the auditorium on 11.30 am by audio visual presentation. As per the given schedule by NEERI, students visited to the places like Harit Sangralaya, Waste Water Technology Division (WWTD), Technology Park etc. After the visit of NEERI lab, nearly 2:00 pm students have visited to maharaja Bagh Zoo Park and enjoying the watching of wild animals. After visiting the Zoo Park, the students were visited to Raman Science Centre at 4:00 pm. Students were observing various Astronomical models situated in that place. Students enjoyed the experiments placed in EV Park, 3D show of Apollo and Planetarium – History of Science. Students also experienced learning and understood that science is really fun and full of knowledge. A total 28 students from UG and PG were participated in a tour along with three faculty members. The tour was successfully organised by Dr. Pravin Kawle Asst. Professor, from dept. of Chemistry, Mr. Shailesh Jaiswal Asst. Professor and Mr. Govind Dubey from dept. of Physics under the guidance of Principal Dr. V.D. Nanoty, Shri R. L. T. College of Science College, Akola and all faculty members of the college. The students and faculties are thankful to the Dr. V. D. Nanoty Sir, Principal and Management of the B.G.E. Society Akola for giving permission to conduct educational tour 2023.

5. Other Activities

Diploma Course in Astronomy has conducted by Physics department. Shri S. R. Jaiswal has worked as a coordinator of the course. Total 30 students were admitted in the course. The course has been conducted offline mode. The teaching staff of the department participated and published research articles in reputed national and international journals and conferences.



Head of Dept.

Shri P. P. Gedam

Shri R. L. T. College of Science, Akola

