

Shri. RLT College of Science, Akola
UG and PG Department of Biochemistry
Departmental Report (2021-22)

The Biochemistry department offers education at undergraduate and postgraduate level. The department has two laboratories namely UG and PG. The PG programme was started in this session. The sessions W-21 and S-22 were conducted online and offline mode respectively. This year the total students in PG department are 32. The total students in Undergraduate course are 131.

On 30th August 2021, the Department of Biochemistry, Alumni Association, and IQAC of Shri R. L. T. College of Science, Akola, in Collaboration with the IPR Cell SGB Amravati University, Amravati, organized a National Online Workshop on Intellectual Property Rights & Patent Filing. On this occasion, Honorable Adv. M. G. Mohta, President of B.G.E. Society, Shri. P. N. Maheshwari, Hon. Secretary and all executive members wished their best for the success of the event. Dr. Aniket Gade, Assistant Professor of Department of Biotechnology (SGB Amravati University, Amravati), gave an invited talk about various intellectual property rights, patent filing, and patent-related information. Around 230 participants registered for the event.

On 1st February, 2022, PG Department of Biochemistry organized an online guest lecture. Dr. Pradip Satav delivered the lecture on Bioenergetics. Dr. V.D Nanoty, Principal Shri. R.L.T College of Science, Akola, graced the occasion. Dr. H. S. Malpani, Head Department of Microbiology and Biochemistry administered the lecture. Ms. Sonali Gawande (Asst. Prof., Department of Microbiology, Shri. R.L.T College of Science, Akola) along with other staff of the department of Biochemistry and Microbiology attended the lecture. Around 25 students benefitted from the lecture.

On the occasion of National Science Day (28th February, 2022), the Department of Biochemistry organized an Inter-collegiate Oral and Poster Competition for P. G. Students. The theme for the event was "Contribution of Indian Scientists in World Science". The president for the programme was Dr. V. D. Nanoty, Principal Shri R. L. T. College of Science Akola. Around 20 students from P. G. Department of Shri Shivaji College of Arts, Commerce and Science, Akola, Shankarlal Khandelwal College, Akola, and Shri R. L. T. College of Science Akola participated in the event, of which some delivered oral presentations and few presented posters. The event was successfully conducted with the help of teaching and non-teaching staff.

On 21st March 2022, Department of Biochemistry organized Blood Grouping Camp at the adopted village Apatapa during NSS Camp of our College. Near about 50 villagers voluntarily participated in blood grouping. On 24th December 2021, in the memory of Late Principal M. G. Joshi, Blood grouping camp was organized by Department of Microbiology in collaboration with Microbiology department under the Guidance of Dr. V. D. Nanoty (Principal, Principal Shri R. L. T. College of Science Akola), Dr. H. S. Malpani (Asstt. Prof. & Head Department of Microbiology & Biochemistry), Ms. S. N. Gawande (Asstt. Prof. Department of Microbiology). The teaching and non-teaching staff was involved in the camp and the event was successfully conducted. Blood grouping of more than 100 participants was done under the guidance of expert Biochemist team.

The Department runs career-oriented courses like CCLT and DCLT every year. This year total 128 students participated in this course.

On 22nd April, 2022, the Department has organized an event "World Earth Day". The event was jointly conducted with Department Microbiology, Botany & Zoology in collaboration with IQAC of Shri. R. L. T College of Science, Akola. The event was chaired by Dr. V. D. Nanoty (Principal, Shri. R. L. T. College of Science, Akola) and Dr. R. L. Rahatgaonkar (IQAC Co-ordinator). Dr. S. N. Nagrale (Head, Department of Zoology), Smt. V. N. Badgujar (Head, Department of Botany), and Dr. H. S. Malpani (Head, Department of Microbiology & Biochemistry), and Dr. A. S. Sawarkar (Department of Zoology) shared their views and concerns about Earth during the event. The PG students took part in the event. Poster presentation and Elocution competitions were held for PG students. All the teaching staff of the departments of Biochemistry were present at the event.

The department have organized a one week certificate course on "skill development for pharmaceutical industry". The workshop was inaugurated on 9th May 2022. It was jointly organized by the Microbiology Department of Shri R. L. T. College of Science, Akola; Shankarlal Khandelwal College, Akola, Global Institute for Self-Motivation and their management organization. The duration was from 9th May to 15th May 2022, the workshop was conducted in offline and online manner respectively. Around 143 students from four different colleges participated in the event. Dr. Anil Fokmare (Director of Global Institute for Self-Motivation) was the resource person. The inauguration event was conducted in the presence of Adv. M. G. Mohta (President, The B. G. E. Society, Akola), Shri P. N. Maheshwari (Hon. Secretary). Dr. V. D. Nanoty and Dr. J. M. Saboo were also present in the event. The event was successfully organized by Prof. Dr. A. R. Deshpande (Head, Department of Microbiology of Shankarlal Khandelwal College, Akola), Prof. Dr. D. D. Bhokare (Asstt. Prof., Shankarlal Khandelwal College, Akola), Dr. H. S. Malpani (Head, Department of Microbiology of Shri R. L. T. College of Science, Akola) and Ms. S. N. Gawande (Department of Microbiology of Shri R. L. T. College of Science, Akola).

Dr. Harish S. Malpani
Asst. Professor & Head
Department of Microbiology & Biochemistry



Photo: - National Science Day celebrated by Department



Photo: - CCLT, DCLT Practical Examination conducted by Department



Photo: - World Earth Day celebration at Department



Photo: - Blood Grouping



Photo: -Online Guest lecture on Bioenergetics