

BIOCHEMISTRY

ANNUAL REPORT

1. Seminar on “Paramedical Pathways: Bridging the Academic Career Gap”

The department of Biochemistry organize seminar on “Paramedical Pathways: Bridging the Academic Career Gap” on 04/09/2023 by Mr. Sameer Joshi Founder and Chairman of iTransform Group for students of B.Sc. semester students. The program was held at Chanakya Hall, Kamla Nehru Mahavidyalaya. Mr. Sameer Joshi gave insights on the career growth regarding the paramedic that students can opt, he gave information about the DMLT courses, various courses used in the medical field so that students can secure their career in medical field. There was the great success to the seminar huge number of beneficiaries.



2. Certificate Course in Medical Laboratory Technology (CMLT) Course

Biochemistry is a subject having vast potential in almost all fields of sciences. It is the subject deals with entire biological system and diagnostics is an integral part of it. Clinical Diagnosis is a vertical which helps physicians to detect, treat efficiently to every ailment. For detection, analysis a biochemistry graduate can be a great asset to an organization which works in the field of diagnosis. However, in addition to theoretical knowledge student must have expertise in handling and analysis of biological samples. In view of developing such skills to students of Biochemistry, Department of Biochemistry, Kamla Nehru Mahavidyalaya, Nagpur organizes 20 days **Skilled based certificate course on Medical Laboratory Technology** from 01/12/2023 to 07/01/2024. Upon completion of this certificate course students are expected to develop skills such as proper handling of biological samples, ease in working with sophisticated instrumentations. They will also develop consciousness towards meticulous analysis of test samples. **Total 50 students from U.G. and PG. sections were participated in this certificate course.**



3. Hands on Training in Empirical Biochemistry

Biochemistry is a fundamental discipline that bridges biology and chemistry, exploring the molecular mechanisms underlying life processes. To further enrich the learning experience of biochemistry undergraduates, a value-added course on **“Hands on training in Empirical Biochemistry”** was introduced to complement their core curriculum. The duration of course was 30 hours and it was organized between 3th October 2023 to 18th October 2023. The course focused on imparting skills and knowledge beyond the traditional scope of biochemistry, thereby preparing students for a broader range of career opportunities. For developing Interdisciplinary Knowledge, Practical Skills, Real-World Applications, and Critical Thinking towards the biochemistry subject this course was organized. Total 47 students has enrolled themselves in this course. The student are testify that the course outcome successful in its purpose. Their active participation in the interactive session made the session prosperous.



4. Alumni Meet

The “**Alumni Meet**” held on 13th March at the Biochemistry Department of Kamla Nehru Mahavidyalaya aimed at developing a sense of amity among former and current students while providing a platform for alumni to share their experiences, insights, and guidance. The primary objectives were to offer guidance and inspiration to current students and alleviate any apprehensions they might have about their future endeavors. There were 8 alumni attended this event. Valued alumni shared their journey and professional experience, highlighting the diverse career path available to biochemistry graduates. Their words served as a source of inspiration and motivation for current students. During this interaction junior students had the chance to ask questions and seek advice from the alumni regarding academic pursuits, career choices, and personal development. The interactive nature of these sessions encouraged participation and fostered a sense of community. The Alumni Meet was a resounding success, achieving its objectives of providing guidance, inspiration, and networking opportunities to current students. Total 25 students from U.G. and 10 students from P.G. sections were present in this program. The event served as a testament to the strong bond between the college and its alumni, emphasizing the importance of continued engagement and support for the holistic development of students. It is hoped that such initiatives will be continued in the future to further enrich the academic and professional experiences of students at Kamla Nehru Mahavidyalaya.

