

Department of Biochemistry

Name of Program : Work Shop on Current Trends in Medical coding in collaboration with Thoughts Flows Medical Coding Academy, Tirupathi, Andhra Pradesh

Resource Persons : 1 . Ms.P.Supraja, HR Executive

2 . Ms.Shaik Sabiha Sultana , Chief Trainer

Thoughtflows Medical Coding Academy,Tirupathi,Andhra Pradesh

Number of Participants: 100 students of I year B.Sc honours (life sciences)

Date: 02/9 /2025

Brief Report:

The Department of Biochemistry organized a workshop on Current Trends in Medical coding in collaboration with Thoughts Flows Medical Coding Academy, Tirupathi, Andhra Pradesh. The objective of the workshop was to provide participants with knowledge and practical exposure to medical coding practices, which play a crucial role in healthcare documentation, insurance processing, and hospital management. The Resource person highlighted the importance of ICD (International Classification of Diseases), CPT (Current Procedural Terminology), and HCPCS codes in healthcare services. Participants were introduced to coding guidelines, procedures for accurate medical documentation, and the ethical aspects of coding.

The workshop included both theoretical explanations and hands-on exercises, allowing participants to practice converting medical reports into standard codes. It helped students and professionals understand the significance of accuracy, compliance, and the role of coding in streamlining healthcare services.

The workshop concluded with an interactive Q&A session, followed by certificate distribution to the participants. Overall, the program was highly informative and beneficial, equipping attendees with essential skills relevant to the growing healthcare industry.





Department of Biochemistry

Name of Program : Two Day Workshop on Applications of Molecular Biology in Research Diagnostics

Resource Persons : Dr.G.Mohana Sheela,MD,Vetdiag Genomix Pvt Ltd,AP

Number of Participants: 100 students of I year B.Sc honours (life sciences)

Date: 11/9 /2025&12/9/2025

Brief Report:

The Department of Biochemistry and Microbiology organized a Two-Day workshop on Applications of Molecular Biology in Research Diagnostics in collaboration with Vetdiag Genomix Pvt Ltd, Vijayawada, Andhra Pradesh. The workshop aimed to bridge the gap between theoretical knowledge and practical application in areas of biomedical research and diagnostic innovations. The sessions covered fundamental and advanced topics such as DNA extraction, PCR amplification, gel electrophoresis, and molecular markers used in disease diagnosis. The workshop provided an excellent platform for students and faculty members to enhance their technical skills and explore recent advancements in molecular biology tools and their role in disease detection, genetic analysis, and biomedical research.



Department of Biochemistry

Name of Program : Extension Activity on *Know your Hemoglobin :A Step Toward Better Health*

Number of Participants: 75 members of different age groups, faculty and students

Date : 4/9 /2025

Brief Report:

The Department of Biochemistry organized an Extension Activity on *Know your Hemoglobin :A Step Toward Better Health* in Punadipadu village, Kankipadu Mandal, Vijayawada rural , Andhra Pradesh to educate the community about the importance of maintaining healthy hemoglobin levels for overall well-being. The program aimed to create awareness on anemia prevention, nutritional requirements, and the significance of regular hemoglobin testing. Faculty members and students interacted with the villagers through informative talks, posters, and demonstrations. Free hemoglobin estimation was also conducted for participants, and counselling was provided based on the results. The activity emphasized the role of iron-rich foods, balanced diet, and personal health monitoring in preventing anemia, especially among women and children.

The program successfully promoted health awareness at the grassroots level and encouraged the community to adopt healthy practices for improving hemoglobin levels and overall health.



Department of Biochemistry

Name of Program : Visited to a Science exhibition on Atoms in the service of the Nation organized by Department of Physics, P.B. Siddhartha college of Arts and Science college, Vijayawada in Collaboration with IGCAR.

Number of Participants: 38 students of II and III B.Sc (Hons) Biochemistry

Date : 12/9 /2025

Brief Report:

Department of Biochemistry Organised a visit to the Science Exhibition on “Atoms in the Service of the Nation” organized by Department of Physics, P.B. Siddhartha college of Arts and Science college, Vijayawada in Collaboration with IGCAR. The exhibition highlighted the significant contributions of atomic energy in various sectors. Students had the opportunity to explore informative displays, working models, and interactive exhibits presented by research institutions and atomic energy organizations. Experts explained how nuclear technology contributes to national development through radiation therapy in healthcare, production of clean energy, and improvement of crop yield in agriculture. The visit was highly informative and inspired students to understand the role of science and technology in nation-building. It enhanced their awareness of how atomic energy, when used responsibly, serves as a powerful tool for sustainable progress.

