



ST. ALOYSIUS' COLLEGE (AUTONOMOUS)
JABALPUR, (MADHYA PRADESH), INDIA
REACCREDITED 'A+' BY NAAC (CGPA 3.68/4.00)
COLLEGE WITH POTENTIAL FOR EXCELLENCE BY UGC
DST-FIST SUPPORTED & STAR COLLEGE SCHEME BY DBT



SESSION -2021-2022

CERTIFICATE COURSE IN "INNOVATIVE ZOOLOGICAL PRACTICES"

Organized by Department of Zoology

Convener – Dr. Priyanka Sinha

Course Coordinator – Dr. Runa Paul

Date – 17th Jan – 17th Feb. 2022

Credits - 2

Duration – 30hrs

St. Aloysius' College (Autonomous) Jabalpur (M. P.), Department of Zoology organized a one-month certificate course in “Innovative Zoological Practices” from 17th Jan – 17th Feb. 2022. The objective of the course was to impart theoretical as well as practical knowledge of various aspects of the applied zoological techniques in detail to the learners. The course will also provide students with opportunities to enhance their entrepreneurship skills. The total numbers of registered UG students were 24.



Experiment on ocular micrometer using phase contrast microscope



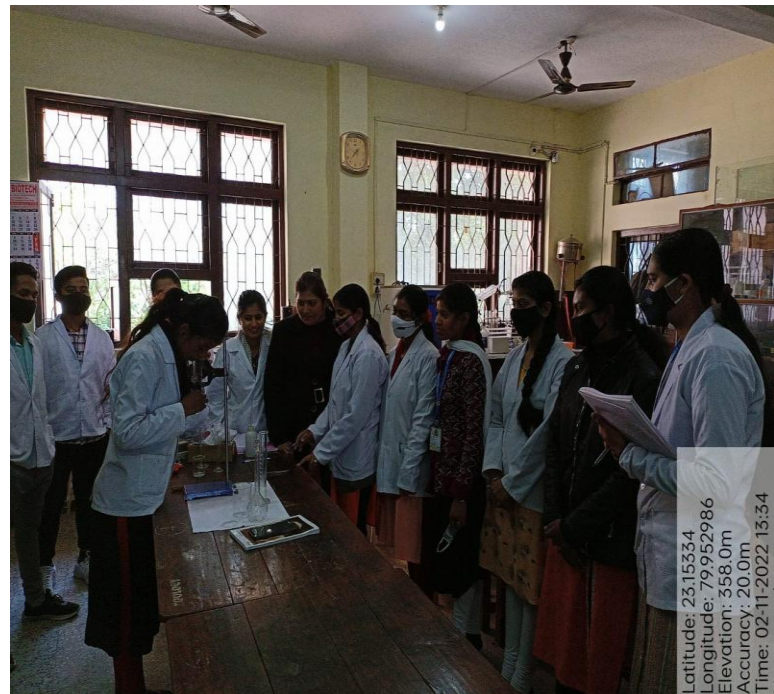
Experiment on comparative hair profile study in mammals with the help of phase contrast



Experiment on adulterants of milk samples



Experiment on drawing using camera lucida



Experiment on rheological properties of food items using viscometer



Experiment on haemin crystals in human blood using phase contrast microscope



Demonstration of Principle, working and application of PCR



Experiment on TLC analysis of amino acids



Experiment on morphometric analysis of fish



Experiment on antibacterial activity of cow urine



Demonstration of Principle, working and application of FTIR



Experiment on total haemocyte count in insect haemolymph using phase contrast microscope



Offline examination of certificate course held on 26th March 2022



A Visit to Research Institute on 1/4/2022 – TFR I (Tropical Forest Research Institute, Jabalpur)