

**Andhra Mahila Sabha
Arts & Science college for Women
OU Road, Hyd
VISIT TO CCMB- HABSIGUDA
REPORT**

Department of Botany and Zoology visited CCMB-Centre for Cellular and Molecular Biology on the occasion of its open day as a part of the CSIR foundation day celebrations on 26-09-2025. The highlights of the visit were, guided tour of campus and facilities, exhibits and posters on popular topics in modern biology, facts of biological world, conservation of genetics and wildlife forensics and science video shows. A group of students were given a guide who takes students through their labs and explains the importance and the works and experiments done in each lab.

Students have been shown electron microscope, spectroscopy lab, proteomics lab, a lab where they are working on drosophila and its genetics, lab where they are using stem cells to develop a new organ, FACS- fluorescence activated cell sorting lab, automated DNA sequencing lab and many more. The guide has explained all the students about the work they are doing in each lab. Then students were taken to exhibits where some of their faculty have given a 2 minute seminars on various topics which were very knowledge gaining.

There were a total of 18 exhibits each having a unique topic to deliver to students. Few of the exhibits included rice and its different varieties, wildlife conservation, evolution in genetics, wildlife DNA forensics, about liver and its functioning, central nervous system and its functioning, viral infection and antiviral response, about sickle cell anemia and its identification, basics of bio-molecular NMR(Nuclear Magnetic Resonance) and also in some exhibits few live examples were also shown like use of hydrogen to fix broken bones, harmful effects of liquid nitrogen and others. All of these were very knowledge gaining . Students have got much information about various things visiting the CCMB.

