

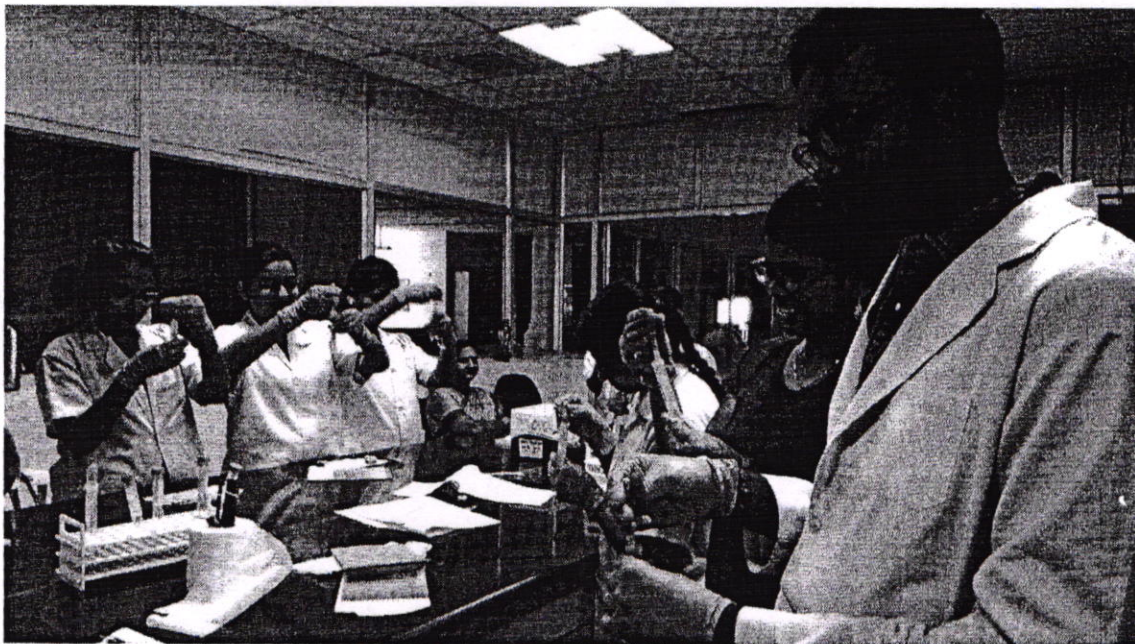
2017-18

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**Workshop on cytogenetics
20th & 21st January, 2018**

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The Department of Biochemistry has organized a workshop in "Cytogenetics" for M.Sc Biochemistry students in collaboration with Kamineni Life Sciences Pvt Ltd, Moula-Ali, Hyderabad on 20th and 21st, January, 2018. The workshop started with an introductory lecture on cytogenetics by Dr. Poornima, HoD, Dept. of cytogenetics, Kamineni Life Sciences Pvt Ltd and she explained the technique and significance of karyotyping in identifying genetic abnormalities and birth defects. The training session included culturing of blood cells, preparation of slides for observation of metaphase chromosomes and demonstration of technique of screening and imaging of chromosomes using spectral imaging software. They were also explained the patterns of unbanded and banded chromosomes for karyotyping and its analysis. Dr. Annie Hasan, Geneticist, of the Institute delivered a lecture on "Utility of Cytogenetics and FISH in current day health care". She also motivated students to choose wide opportunities available in life sciences. The workshop provided a good opportunity for students to gain hands on training in karyotyping of chromosomes.



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