

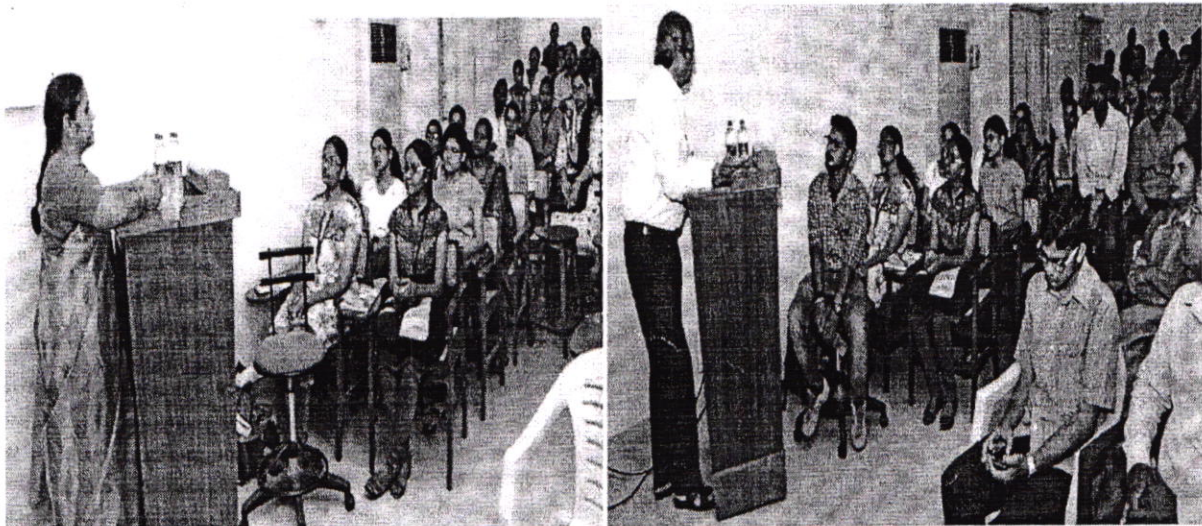
Report on the workshop "Basic Cell Culture Techniques"

2015 - 16

A three day workshop on "Basics of cell culture techniques" was organized from 29th October-31st October, 2015 by the Department of Biochemistry in collaboration with National Institute of Nutrition. On the first day of the workshop, students were first explained about basic cell culture techniques. They were shown the methods to retrieve the cells from a culture flask. The students were also demonstrated the method for checking the viability of the cells by the MTT assay. Later they were shown plating of cells in a 96 well plate. On the second day, the students were demonstrated the LDH assay to check for cell viability. The cells were read in a spectrophotometer. The students were explained the calculations to check for the percentage of viable cells.

On the second day, two lectures were arranged for the students. Dr. Anil Dubey, Scientist, spoke to the students on the importance of nutrition and the need to impart education to the society on the benefits of nutrition. Dr. Suresh of National Centre for Laboratory Animal Sciences (NCLAS) explained to the students the laboratory animal facility at NIN. He also explained the care to be taken in handling the experimental animals and the importance of animal experimentation.

On the third day, two guest lectures were organized in the college. Dr. V. Vijayalakshmi, Scientist NIN gave a talk on the cell culture techniques. The second lecture was given by Prof. B. Sashidhara Rao, Department of Biochemistry, O.U on Nanotechnology. These lectures were followed by the valedictory function. Prof. Ch. Venkataramana Devi, Head, Department of Biochemistry, O.U was invited as the chief guest. She gave participation certificates to the students who attended the workshop. Dr. Karuna. R was invited as judge to assess the students' understanding of the workshop. The students who performed the best in the questionnaire given to them were given prizes by the chief guest and other dignitaries.



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