

INNOVATIVE Projects

S. No	Title of the Project	Faculty	Mentors
1.	Glucose Detection - a biosensing approach	Dr. Amit Garg (Electronic) , Dr. Arijit Chowdhuri (Physics), Dr. Rajesh Chaudhary (Biomedical Science)	Prof. Vinay Gupta, Deptt. of Physics & Astrophysics, University of Delhi
2.	CO ₂ Gas Sensing - an ICT based investigation for pollution control	Dr. Arijit Chowdhuri (Physics), Dr. Subhash Kumar (Physics), Ms. Sunita Narang (Computer Science)	Prof. Vinay Gupta, Deptt. of Physics & Astrophysics, University of Delhi
3.	Mobile phone as a real-time sensor based undergraduate laboratory	Dr. Amit Garg (Electronics), Mr. Vishal Dhingra (Electronics), Dr. Pankaj Khanna (Chemistry)	Mr. Karun Jain, Academic Technical Consultant, NI Systems (India) Pvt. Ltd
4.	Survey-based study to identify the health hazards associated with occupational exposure of textile dyes used by dyers to color the fabrics	Dr. Seema Gupta (Chemistry), Dr. Manisha Jain (Chemistry), Dr. Gagan Dhawan (Bio- Medical Science)	Dr. K.C. Gupta , Director Indian Institute of Toxicological Research (CSIR) Lucknow
5.	Exploring useful bacteria from soil	Dr. Monisha Khanna (Zoology), Dr. Ravi Toteja (Zoology), Dr. Vikrant Kumar (Chemistry)	Dr. Atul Kumar Johri, School of Life Sciences Jawaharlal Nehru University
6.	Recording and analysis of Locomotory behaviour among birds	Dr. Savithri Singh (Botany), Dr. M. S. Rajeshwari (Botany), Dr. Rajesh Chaudhary (Biomedical Science)	Dr. G. Nagarjuna, Homi Bhabha Centre For Science and Education TIFR, Mumbai