



RAMABAI BARLINGAY SCHOOL OF BIOTECHNOLOGY



Organizes a Workshop

Hands-On Training On HANDS ON DNA

Ramabai Barlingay School of Biotechnology, L.A.D. and Smt. R.P. College for Women, Shankarnagar, Nagpur, is organizing a workshop, **"Hands-On Training On HANDS ON DNA"**, to augment the practical skills about DNA.

The workshop would deal with isolation and analysis of DNA from different sources (**Yeast, Fish, Plant: Leaf & Fruit, Insect & Mammalian Blood**) using techniques in Molecular Biology and Biophysics (**Centrifugation; Qualitative estimation by Agarose and Polyacrylamide Gel Electrophoresis; Polymerase Chain Reaction [PCR]; Silver Staining**). This workshop is open for College teachers, Research students, Post-Graduate & Under-Graduate students belonging to the faculty of Life Sciences.

The primary goal of this workshop is to educate the participants in both the fundamentals & advanced concepts in molecular biology & biophysical techniques. The workshop would provide an opportunity for the participants to get hands-on training in laboratory skills that are required for advanced research in this field that would be helpful to them in the refinement of their knowledge. DNA isolation has wide applications in the field of Forensic science, Paternity testing, Molecular Marker-Assisted Plant breeding, r-DNA technology and Genetic Engineering, PCR-based test for diagnostic & prognostic applications in medical sciences.

For further future scope in the field of Biological Sciences and allied disciplines the students will get a chance to interact with the eminent Scientist Guest Speakers—

- **Dr. B.K. Sarangi**,
Principal Scientist E-2,
Environmental Biotechnology Division,
National Environmental Engineering Research
Institute (NEERI),
Nagpur
- **Dr. D.R. Kalorey**,
Head of Department,
Department of Microbiology & Animal
Biotechnology,
Nagpur Veterinary College, Nagpur

- **DURATION OF THE WORKSHOP:** 10th to 13th January 2012
- **REGISTRATION FEES:**

Category	Before 4 th January 2012	After 4 th January 2012
Students: U.G. & P.G.	₹1,200/-	₹1,500/-
Research Students / Scholars and Faculty Members	₹1,500/-	₹1,800/-

- **LAST DATE OF REGISTRATION:** 4th January 2012
- **THE NUMBER OF PARTICIPANTS IS LIMITED TO 35 ONLY;** therefore we may not be able to accommodate more than 2/3 participants from any one institution/college. In case of more entries, **PRIOR INTIMATION** need to be given and **NECESSARY PERMISSION** from the organizers be sought well in advance.
- **The forms can also be downloaded from the departmental / college website**