

National Workshop

On "Hands-on Training in Molecular Techniques in Biotechnology"

5-7 December, 2018



Organized by
Departments of Botany and Zoology
&
Internal Quality Assurance Cell
Sri Tikaram Kanya Mahavidyalaya,
Aligarh
Affiliated to
Dr. B. R. A. University, Agra

In
Collaboration with
Dr. Ambedkar Centre of
Biomedical Research,
DELHI UNIVERSITY
New Delhi

Rationale of the Workshop:

Biotechnology is a highly interdisciplinary field, and used to improve the quality of human life. The area has enormous potential to address the socio-economic problems related to food, fuel, pollution and health. Biotechnological processes are in use from a very long time in prominent fields like agriculture and medicine. Recently its horizon has been expanded widely through the use of molecular techniques, which includes gene cloning through recombinant DNA technology, development of new drugs, diagnostic tests and managing the environmental degradation through processes like bioremediation.

Favorably, due to the proactive initiative of government as Startup India and Make in India the Biotech industry is entering into a new era of growth and creating numerous jobs. Various areas under biotechnology such as agriculture biotechnology, food processing, drug discovery are amongst a few attractive career options for students. Concurrently, research and development (R&D) in Biotechnology is also a very appealing career option. Many state and central universities in India offer postgraduate level courses in Biotechnology.

Reasonably, practical knowledge and understanding of basic techniques is a necessity for the students to make a career in the field of Biotechnology. The proposed workshop, with the assistance of Delhi University, will help us to build the resources to improve our teaching facility and simultaneously would give our students the opportunity to interact with expert and learn from their experiences and career.

Calendar Of Events

5th Dec, 18 **DNA Day 1:** Recombinant DNA technology and recombinant protein expression

6th Dec, 18 **DNA day 2:** DNA isolation of recombinant Plasmid DNA and restriction digestion

7th Dec, 18 **Protein day:** separation of various proteins by gel electrophoresis

About The College

Sri Tika Ram Kanya Mahavidyalaya was established in 1957 by Hindu Girls' Education Society and affiliated to Dr. B.R. Ambedkar University, Agra. It is a renowned women's College situated in Doab region. It is known as educational light house and landmark serving for women welfare with the motto यत्र नार्यस्तु पूज्यन्ते , रमन्ते तत्र देवता: “.

About The ACBR

Dr. B.R. Ambedkar Center for Biomedical Research (ACBR) was established in 1991 at the University of Delhi. The mandate of the Centre is high quality postgraduate education and research in Biomedical Sciences. ACBR, possesses a unique structure having an interdisciplinary, goal oriented approach with an objective to meet the high standards of research and teaching in Biomedical Sciences.

Important Dates

Last Date of Registration 20th November
Conference Date: 5th -7th Dec, 18

Registration Fee

- Faculty Members: Rs. 1000
- Research Scholars: Rs. 700.
- Students: Rs. 400

Mode of Payment

May be made through Demand Draft/Cheque / Cash in the name of, " SEMINAR A/C, Sri Tikaram Kanya Mahavidyalaya, Aligarh" Payable at Aligarh

On the Spot Registration Fee

- Faculty Members: Rs. 1100
- Research Scholars: Rs. 800.
- Students: Rs. 500

Scientific Advisory Panel

- ✚ Prof. Daman Saluja,
Director, ACBR, Delhi University
- ✚ Prof. Vani Brahmchari,
ACBR, Delhi University

Conference Organizers

Secretary, Management

Sri Hari Prakash Gupta

Convener

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