

About the University

Shobhit Institute of Engineering and Technology, Meerut a Deemed-to-be-University under section 3 of the UGC act 1956 is located on Delhi-Dehradun National Highway (NH-58). It has been established with a vision to develop as a center of excellence in the emerging areas of technology. It offers a wide range of programs in its different schools. The stress is mainly in the field of research and development with emphasis on quality encompassing a variety of activities. The University has strong research facilities in the areas of pharmaceutical sciences, mathematics, physics, chemistry, environmental sciences, biotechnology, microbiology, molecular biology, computer science, information technology, electronics, bio-medical engineering, agri-informatics engineering and business management. The University provides the right environment for scholarly work, practice based research, collaborations and professional consultancy with business and government. It has developed the right kind of niche with business and industry.

Besides undergraduate and post graduate degree courses, wide range of part-time and week-end options to the students are available in different disciplines to develop students' personality and ability to formulate structure, solve and analyze solutions to complex professional problems. The university strongly believes that information and experience should be shared and techniques mastered but learning has to take place from within. Hence, we encourage our students to be socially conscious, balanced, disciplined, compassionate, responsible and happy human beings inspiring team-mates and pragmatic leaders.

About the Conference

The world of Genetics is transforming at a rapid pace. The understanding of genes structure and functions has progressed rapidly due to explosion of information generated from sequencing of human, plant, microbe and animal genomes. Computational methods and high throughput technologies are integral part of any biological research project now. Databases with vast pool of information on nucleic acids, proteins have potential to expand understanding of complex biological mechanisms. The benefits of this revolution are being realized by developing new methods for diagnosis of human ailments and development of novel drugs for their treatment. Fast pace of research has given rise to the most exciting field of molecular biology today, 'epigenetics'. Epigenetic markers are not inserted into the letters of DNA but lie on it. This field has made great strides in understanding of complex biological phenomena. Technological progress has contributed to the extraordinary increase in agricultural productivity. Also, these advances have given rise to ethical, legal and social issues. In addition the statistical approaches in understanding quantitative inheritance is also gaining momentum. Quantitative genetics plays an important role in understanding evolution, conservation, complex human traits and agricultural genetics.

The conference aims to emphasize on following areas:

- Milestones in Genes and Genomics
- From Epigenetics to Epigenomics
- Role of Genomics in Agriculture
- Role of Genomics in Health Sector
- Quantitative Analysis of Genetic Data
- Role of Probability and Statistics in the study of Genes and Genomes
- Expectation and Decision making

CALL FOR PAPERS

The conference features plenary lectures by eminent speakers. Submitted papers will be presented by way of oral and poster presentations by the contributors. The contributory papers are invited covering research areas mentioned above.

The abstracts of papers to be presented should be e-mailed as MS word file attachment to rajiv.dutta@shobhituniversity.ac.in on or before August 15, 2010. A cover letter mentioning the name, address, phone/ fax numbers and e-mail of the corresponding author must accompany the abstract. The authors of selected papers will be informed by email. The abstracts should be typed in MS word, Times New Roman and must not exceed 500 words. The title should be in 12 font, capital letters and bold, name of authors and institution should also be in 12 fonts and center aligned. Rest of the abstract should be in 12 fonts as normal, 1.5 spaced. After selection intimation, one copy of full paper in accordance with IEEE guidelines may please be sent by post and a soft copy through email on or before September 1, 2010.

The posters should be precise with general format with title in capital letters and bold, name of authors and institution in Title case and center aligned and rest of the poster as normal font, single spaced to fit in 2 x 3 feet display board.

REGISTRATION

The interested participants are requested to register themselves for participation in the seminar well in time (on or before Aug 15, 2010) so that accommodation and other arrangements can be made. The registration fee as mentioned below can be paid as demand draft drawn in favour of "The Registrar, Shobhit University" payable at Meerut.

PUBLICATION

Delegates from Industries, Academic, R&D	Rs. 1000/-
Research Scholars	Rs. 750/-
Students	Rs. 500/-

Paper will be published in the conference proceedings.



**National Conference
on
Genes and Genomics:
Qualitative and Quantitative Approach
September 11-12, 2010**

REGISTRATION FORM

Name of the Participant.....
Designation.....
Name of the Organization.....
Mailing Address.....
Phone/Mobile.....
e-mail.....
Accommodation required Yes/No
(Limited on-campus hostel accommodation is available)
Registration Fee details:
i) Amount.....
ii) DD No. and Date.....
Date:
Place: Signature of Applicant

Contact Informations:
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Resource Persons

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2. **Prof. R.P. Singh**,
Department of Biotechnology
IIT, Roorkee
3. **Dr. Virendra Baranwal**,
Advance Centre of Virology
Division of Plant Pathology
IARI, New Delhi
4. **Dr. R.C. Bhattacharya**,
National Research Centre on Plant Biotechnology
IARI, New Delhi
5. **Prof. J.B. Singh**,
SBAS, Shobhit University, Meerut
6. **Prof. Irene Sarkar**,
SBAS, Shobhit University, Meerut
7. **Dr. Rekha Dixit**,
SBT, Shobhit University, Meerut
8. **Dr. Maneesh Kr. Gupta**,
SBT, Shobhit University, Meerut



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Convener
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