

ORGANIZING COMMITTEE

Patron-in-chief

Er. H. S. Chahal,
Vice-Chancellor, Maharshi Dayanand University, Rohtak

Patron

Prof. S. P. Khatkar
Director, UIET, MDU, Rohtak

Convener

Dr. Sonia,
HOD, Biotechnology, UIET, MDU, Rohtak

Co-conveners

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Dr. Manvender Singh

Organizing secretaries

Dr. Manjeet Kaur
Dr. Vijay Dangi
Dr. Veer Bhan

Advisory committee

Dr. R. Vinayak
Dean Academic Affairs, MDU, Rohtak

Dr. P. K. Jaiwal

Dean, Faculty of Life Sciences, MDU, Rohtak

Dr. A. Nanda

Dean, Faculty of Pharmaceutical Sciences, MDU, Rohtak

Dr. Rahul Rishi

Professor, CSE, UIET, MDU, Rohtak

Dr. Vineet Kumar

Professor, ME, UIET, MDU, Rohtak

VENUE:

Radha Krishnan Auditorium,
Maharshi Dayanand University,
Rohtak (Hr.)-124001

TEQIP-II Sponsored National Seminar on Convergence of Biotechnology and Engineering for Industry November 26, 2014

REGISTRATION FORM

Name.....
Designation.....
Organization.....
Address
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Contact No.....
Email.....
Accompanying person.....
Any other information.....

Contact:

The Convener/ Organizing Secretary
Dr. Sonia Kapoor/ Dr. Veer Bhan
Department of Biotechnology,
University Institute of Engineering & Technology,
M.D.U, Rohtak-124001
Phone: **01262-393291, 9416243621, 9034881374**
Email: **soniakapoor.uiet@mdurohtak.ac.in**
sonia.uiet.mdu@gmail.com
veerbhan79@rediffmail.com

TEQIP-II Sponsored

National Seminar
On

CONVERGENCE OF
BIOTECHNOLOGY
AND ENGINEERING
FOR INDUSTRY

November 26, 2014

Organized by

Department of Biotechnology
University Institute of
Engineering and Technology



Maharshi Dayanand University,
Rohtak (Haryana)-124001

India

(NAAC Accredited "A" Grade)

www.mdurohtak.ac.in

www.uietmdu.com

ABOUT THE UNIVERSITY:

Maharshi Dayanand University, *ab initio* established as Rohtak University, Rohtak, came into existence by an Act No. 25 of 1975 of the Haryana Legislative Assembly in 1976 with the objective to promote inter-disciplinary higher education and research in the fields of environmental, ecological and life sciences. It was rechristened as Maharshi Dayanand University in 1977 after the name of a great visionary and social reformer, Maharshi Dayanand and now NAAC accredited 'A' grade.

ABOUT THE INSTITUTE :

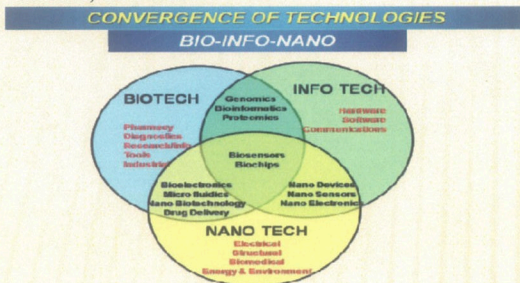
The University Institute of Engineering & Technology (UIET) was established in the year 2005 with the aim of providing quality technical education in Engineering & Technology. Presently the institute is headed by its Director, Prof. S.P. Khatkar. The mission of the institute is to impart futuristic technical education and prepare technologically superior, ethically strong and socially responsible professionals to compete in global environment of Engineering and Technology.

The Institute offers B. Tech programmes of 4 years duration in Biotechnology, Civil Engineering, Computer Science & Engineering, Electrical Engineering, Electronics & Communication Engineering and Mechanical Engineering as well as M. Tech programmes of 2 years duration in Biotechnology, Software Engineering, Computer Science & Engineering, Manufacturing & Automation, Electronics & Communication Engineering and Mechanical Engineering. The institute has also started Ph. D. in all engineering branches providing all facilities for the research. In a short span, U.I.E.T. has become a preferred destination for engineering aspirants because of its good infrastructural facilities and excellent faculty. The Institute has its own teaching blocks with about 18,000 sq. mts of built up space for engineering departments. The institute is a beneficiary of World Bank assisted TEQIP-II for strengthening the institute to improve learning outcomes.

ABOUT THE SEMINAR:

CONVERGENCE

is a new paradigm that can yield critical advances in a broad array of sectors, from health care to energy, food, climate, and water.



The convergence of the life, physical and engineering sciences is the result of the confluence of several factors. The life sciences have progressively changed over the last 40 years from a descriptive experimental discipline generating low throughput of data to an increasingly quantitative science with high throughput of data, as new fields in the life sciences have emerged. The sequencing of the human genome is the best example of this fundamental change. At the same time, there have been significant advances in computing and engineering reflected in the increase in computer power (at sharply decreasing cost) resulting in the storage and processing of data at much lower cost. Engineering has enabled the development of low-cost, miniaturization of devices and new micro-fabrication techniques enabling the development of technologies for sequencing and measurements at a single cell level.

Convergence has led to the emergence of new disciplines such as systems biology, synthetic biology, bioinformatics and computational biology, among others, which are a reflection of how convergence is a serious and increasingly important development in science.

The seminar would provide a common forum for academia and practitioners to exchange their ideas and experiences on latest research and developments. It will include keynote address, insightful invited talks by eminent academicians and researchers. The deliberations will be inspiring and informative for the participants.

LEVEL OF PARTICIPANTS:

Academicians/ Scientists/ Research scholars/ PG and UG Biotechnology and Engineering students desirous of working in the areas of Biochemistry with physical and chemical sciences, bioprocess engineering, molecular biology, computational biology, animal, plant and environmental biotechnology including advanced computing, electronic and mechanical engineering etc. are invited to attend the seminar.

REGISTRATION:

Registration for the seminar is free and will be made on the spot. Seminar kit, participation certificate, high tea and lunch will be provided. However, accommodation may be provided in University faculty-house on payment basis.

KEYNOTE SPEAKER:

Prof. P. Balaram,
Molecular Biophysics Unit
Indian Institute of Science, Bangalore

INVITED SPEAKERS:

Prof. A. N. Pathak, Dean Research,
Amity University Rajasthan, Jaipur

Dr. Umesh Luthra
Sr. General Manager - R&D (Biotech)
Ipcalaboratories Ltd., Mumbai

Dr. Shiv Kant Shukla
Asstt. General Manager
Biotech Consortium India Limited (BCIL)