

**National Conference  
On  
Current Understanding of Pathogenesis of Human Genetic Diseases  
(23<sup>rd</sup> February 2021)  
Venue: **Webex Platform****



**Image source:**

[https://www.google.com/search?q=genetic+diagnosis&rlz=1C1CHBD\\_enIN915IN915&source=lnms&tbm=isch&sa=X&ved=2ahUKEwizvq6xNzuAhV\\_xzgGHeYmA\\_8Q\\_AUoAXoECBQQAw&biw=1600&bih=700#imgrc=pc3YdMN](https://www.google.com/search?q=genetic+diagnosis&rlz=1C1CHBD_enIN915IN915&source=lnms&tbm=isch&sa=X&ved=2ahUKEwizvq6xNzuAhV_xzgGHeYmA_8Q_AUoAXoECBQQAw&biw=1600&bih=700#imgrc=pc3YdMN)



**Department of Genetics**  
**Maharshi Dayanand University, Rohtak**  
(A State University established under Haryana Act No. XXV of 1975)  
NAAC Accredited 'A+' Grade  
Haryana, India

## About the Department

Department of Genetics in Faculty of Life Sciences is internationally known for its contributions in Medicinal Plant Genetics, Human Genetics, Microbial Genetics, and *Drosophila* Genetics. Department is running two M.Sc. courses (Genetics and Forensic Science). Both these courses are strengthened with research and Doctoral programme. The teaching and research efforts have been recognized nationally and internationally. Genetics department is financially supported by various national agencies like the Department of Science and Technology, Government of India under the FIST Program, University Grants Commission under Innovative and SAP programmes. The faculty members have been able to win more than eighteen research projects funded by various national funding agencies.

Department is involved in various research activities in Medicinal Plant Genetics, Human Genetics, Microbial Genetics, *Drosophila* Genetics, Forensic Toxicology, Forensic Entomology, and Wildlife Forensics. Department has published > 500 research papers in various journals of national & international repute with high impact factor.

## About the event

One day conference entitled “**Current Understanding of Pathogenesis of Human Genetic Diseases**” is being organized by the Department of Genetics in *hybrid mode*. The event is sponsored by Dr. Radha Krishnan Foundation Fund. As molecular pathways become better understood, therapeutic and preventive drug treatments become feasible. Regular update about the new technologies & current research is need of the hour. The current event is being organized to understand the latest ongoing research in the area of molecular pathogenesis of complex genetic disorders.

The present conference will provide due exposure to the young minds in the frontier areas of Medical Genetics. It will also provide the desired opportunity and necessary platform for the students and academicians to interact with the internationally recognized speakers from various fields of Genetics.

## Abstracts are also invited for the Oral Presentations.

Abstract (280-350 words) of original work are invited for oral presentations. The name of presenting author should be underlined in abstract. Last date of submission for abstract 18.02.2021).

The Registration is **Complementary** but **mandatory**

## Registration Link:

[https://docs.google.com/forms/d/1S10gx\\_mvc7gRzHE5\\_zfA\\_D36E9PdGhZakA000eDWLTE/](https://docs.google.com/forms/d/1S10gx_mvc7gRzHE5_zfA_D36E9PdGhZakA000eDWLTE/)

**Event's link will be shared on registered emails.**

<b>Time</b>	<b>Activity</b>
<b>10:00-10:10 AM</b>	Welcome address by <b>Dr. Minakshi Vashist</b> , Prof. & Head, Department of Genetics
<b>10:10-10:30</b>	Address by <b>Dr. J.P.Yadav</b> , Dean, Faculty of Life Sciences, Maharshi Dayanand University Rohtak
<b>10:30-11:20 AM</b>	<b>Lecture 1 : “Complex Diseases: How do we tackle them?”</b> by <b>Dr. Rima Dada</b> , Laboratory for Molecular Reproduction and Genetics, Department of Anatomy, A.I.I.M.S., New Delhi -110029
<b>11:30-12:20 PM</b>	<b>Lecture 2 : “Diagnosis of Genetic disorders: How to choose the correct test in the Genomic era?”</b> by <b>Dr. Madhulika Kabra</b> , Professor, Division of Genetics, Department of Pediatrics, A.I.I.M.S., New Delhi - 110029
<b>12:30-01:20 PM</b>	<b>Lecture 3: “ Characterization of novel genomic alterations in Cancer among Indian populations”</b> by <b>Dr. Rakesh Kumar</b> , Department of Biotechnology, Shri Mata Vaishno Devi University , Katra, Jammu, India - 180012
<b>1:20-02:10PM</b>	<b>Lunch Break</b>
<b>02:10 -04:30 PM</b>	<b>Oral presentations by Participants (7-9 minutes for each presentation)</b>

Patron-in-Chief : Prof. Rajbir Singh, Vice-Chancellor, M.D.U. Rohtak

Patron : Prof. J.P.Yadav, Dean, Life Sciences

### **Organizing Committee**

Convener : Dr. Minakshi Vashist, Prof. & Head, Deptt. of Genetics

Organizing Secretary : Dr. Ritu Yadav, Dr. Neelam Sehrawat, Dr. Mukesh Tanwar

Joint Secretaries : Dr. Rajvinder Singh, Dr. Sapna Sharma, Dr. Neelkamal

Treasurer : Dr. Santosh Kumar Tiwari