



Students for Holistic  
Development of Humanity  
(SHODH) Haryana



*In Collaboration with*

Dept. of Genetics  
Maharshi Dayanand University  
Rohtak

*Organizes*

One Week Online

Workshop

**"Holistic Approach  
towards Research  
in Pandemic"**

**From 27th June to 3rd July, 2020**

## **About SHoDH**

SHoDH is an effort to start a dialogue with the research community of India to bring researchers from all disciplines at one platform. SHoDH provides the opportunity to apply multidisciplinary approach to research for holistic development of the society. SHoDH utilizes the opportunity as well as individual efforts of researchers and academicians for seamless exchange of ideas. Under this initiative scholars are encouraged to conduct research and present unbiased findings based on scientific methods and research ethics.

## **About the University**

Maharshi Dayanand University, Rohtak, established in 1976 with the objective of promoting inter-disciplinary higher education and research is making rapid progress to emerge as a leading educational institution of the nation. Now it is a teaching-cum-affiliating university with a formidable track record in academics, research, literacy and cultural activities, and sports. Currently, there are 38 Post-Graduate Departments and 11 Faculties in the University. The overall progress made by the University in all fields resulted in the University receiving the “A+” grade from NAAC. The University has been placed at 76<sup>th</sup> Rank among Indian universities in 2020 by NIRF, MHRD, Government of India. University, with its large campus, provides excellent infrastructural facilities and necessary student support services, benefitting the students. The current h-index of the university is 70. The University adheres to the core values of respect, compassion and social responsibility. In all that it does, it strives for excellence, innovation, engagement, integrity and inclusiveness.

## **About the Dept. of Genetics**

Department of Genetics was established in 2009 under Faculty of Life Sciences is internationally known for its contributions in *Drosophila* Genetics, Medicinal Plant Genetics, Human Genetics, Microbial Genetics and Malarial Genetics. M.Sc. Programme in Forensic Science has been initiated in the year 2010. Both M.Sc. Genetics and Forensic Science are being strengthened with research and doctoral programme by the grants received from DST, New Delhi, Government of India under FIST Program, University Grant Commission under UGC Innovative and SAP Programme. The Faculty members have been able to win individual research projects funded by various national funding agencies like DBT, DST and ICMR etc. The thrust areas of research are: i) Identification of biological activities of various medicinal plants and microbial products for harnessing their potential values for nutraceutical and therapeutic applications, ii) *Drosophila* Genetics, iii) Human Genetic Disorders like Chronic myeloid leukemia (CML), Breast Cancer, Ophthalmic Disorders for understanding molecular pathogenesis and hence may help in the development of molecular diagnostic tools.

## **About the Workshop**

Research is a careful consideration of study regarding a particular concern or problem using scientific methods. Research is the foundation of advanced studies and institutions with a focus to create and disseminate information for the benefit of the community. Historically, India is known to produce world class researchers like V Radhakrishnan, Vikram Sarabhai, Homi J Bhabha and many pronounced names. However, in the recent past we have been facing challenges in creating and nurturing the quality research to meet the global standards. Rapid changes in the business operations demand creative and flexible solutions and effective research skills for the acquisition and use of information. For a desirable result to a scientific problem, the researcher should possess a sound understanding of methodological approach to the problem. A systematic approach to problem is the key to sound output. In the current pandemic situation, various limitation has impacted research work. This workshop is planned to cover the holistic approach of research in this pandemic. This workshop would provide scholars the tools and skills required to solve complex research problems keeping in mind the present lockdown situation. After attending this workshop, the scholars would be able to develop research acumen and shall be able to deal with the current pandemic situation to carry on his research work.

## **Organizing Team:**

**Chief Patron:**

**Prof. Rajbir Singh**

Vice-Chancellor  
Maharshi Dayanand University,  
Rohtak

**Patron:**

**Dr. Pushpa Dahiya**

Dean, Faculty of Life Sciences  
Maharshi Dayanand University,  
Rohtak

**Convener:**

**Prof. J.P. Yadav**

Coordinator GIAN & Nodal Officer,  
NIRF, Dept. of Genetics  
M.D. University, Rohtak

**Organizing Secretary:**

**Ms. Pooja Rao**

State Universities Convener  
(SHoDH) Haryana

**Co-convener:**

**Prof. Minakshi Vashist**

Head, Department of Genetics  
M.D. University, Rohtak

**Joint Organizing Secretary:**

**Dr. Santosh Tiwari**

Asst. Professor, Dept. of Genetics  
M.D. University, Rohtak

## **Who should Attend?**

This one-week online workshop is open to all the faculty members of universities/ Colleges/ Institutes from all the different areas of Science across India and Research Scholars (M.Phil. and Ph.D.) from the same disciplines.

## **Mode of Interaction**

Mode of Interaction will be online only. The participants will be able to interact with the resource persons/speakers through online mode, email queries, chat box etc.

## **Registration**

The Interested participants may register free of cost by filling the google form through the link [https://docs.google.com/forms/d/e/1FAIpQLSeQfjnnpsED5cm-WoIY\\_h1oU-Z6CsRVZLQBOjUCgUVn7PT-bA/viewform?vc=0&c=0&w=1](https://docs.google.com/forms/d/e/1FAIpQLSeQfjnnpsED5cm-WoIY_h1oU-Z6CsRVZLQBOjUCgUVn7PT-bA/viewform?vc=0&c=0&w=1)

## **Important Instuctions:**

- ❖ Daily two sessions shall be conducted, one in morning and second in afternoon (90 mins each). Link of each session will be provided to participants through whats app or e-mail.
- ❖ Attendance in all the sessions on all days will be mandatory.
- ❖ Each participant will have to fill the feedback form at the end of each day. Maintaining online discipline is mandatory and participants will be expected to do the assignments (if any given during the seminar)
- ❖ Seats are limited thus priority will be given to fresh registered participants on first come first serve basis.
- ❖ After finalisation of list of participants, only shortlisted participants will be intimated to join the workshop.
- ❖ Only the participants who attend the workshop all the seven days, will be given E-Certificate after Filling the feedback form along with a payment of Rs. 100/- payable online.
- ❖ For any further queries, please contact through e-mail on [shodhharyana@gmail.com](mailto:shodhharyana@gmail.com).



## **Schedule and Session Experts**

Sr. No.	Date	Expert and Topic to be Covered 11:00 to 12:30 Hrs	Expert and Topic to be Covered 15:00 to 16:30 Hrs
1	27 <sup>th</sup> June 2020	<b>Inaugural Session</b>	Fundamentals and Scientific Data Base in Research <b>Prof. Pawan Dhar</b> <i>Dean, School of Biotechnology Jawaharlal Nehru University, New Delhi</i>
2	28 <sup>th</sup> June 2020	Review of Literature. <b>Dr Ranjit Singh</b> <i>School of Life Sciences, Central University Himachal, Dharamshala</i> <b>Dr M.N. Tripathi</b> <i>Associate Professor, Dept. of Applied Physics, Guru Ghasidas Central University, Bilaspur, Chhattisgarh</i>	Interdisciplinary Research is Need of Hour <b>Dr Rajesh Singh</b> Head, Dr K.S. Krishnan Geomagnetic Research Laboratory, Indian Institute of Geomagnetism, Prayagraj
3	29 <sup>th</sup> June 2020	Ethical, Legal, Social and Scientific Issues in Scientific Research <b>Dr Abhinay Sharma</b> <i>Scientist, Hebrew University of Jerusalem, Jerusalem, Israel</i>	Resources and Possibilities in Research <b>Prof. Suneet Dwivedi</b> <i>University of Allahabad, Prayagraj</i>
4	30 <sup>th</sup> June 2020	Writing of Effective Research Proposal/Article <b>Dr H. K. Pandey</b> <i>Associate Professor, Dept. of Civil Engineering, MNNIT, Prayagraj</i>	Indigenous Approach in Research <b>Prof. Anupam Dikshit</b> <i>University of Allahabad, Prayagraj</i>
5	1 <sup>st</sup> July 2020	Laboratory Safety Guidelines <b>Dr Vikas Yadav</b> <i>Assistant Professor, School of Life Sciences, Jawaharlal Nehru University, New Delhi</i>	Statistical Tools in Scientific Research <b>Dr Bhupendra Bahadur Singh</b> <i>Scientist-D, IITM (Pune)</i>
6	2 <sup>nd</sup> July 2020	Indian Traditional Knowledge and Role of Geographical Indicators <b>Prof. Payal Mago</b> <i>Principal, Shaheed Rajguru College of Applied Sciences for Women University of Delhi</i>	Physical and Mental Wellness: with Special Reference to Vedas and Upanishad <b>Dr. Mamta Tripathi</b> <i>Assistant Professor Gargi College, University of Delhi</i>
7	3 <sup>rd</sup> July 2020	How to Publish in Premier Journals <b>Prof. J.P. Yadav</b> <i>Dept. of Genetics, MDU Rohtak</i>	<b>Valedictory Session</b>

**Thanks**