



# FMS-2024

## TWO DAYS NATIONAL CONFERENCE ON FUNCTIONAL MATERIALS & SENSORS

“FMS-2024”  
(Feb. 16-17, 2024)



Organized by

Department of Physics

Maharshi Dayanand University, Rohtak

Rohtak- 124001, India

### About FMS-2024

This two-days national conference on “Functional Materials & Sensors (FMS-2024)” will provide a platform for scientists, young researchers, and faculty members around the country to showcase their research in different fields of material science, discuss needs and challenges in material science, and give an opportunity for building research collaborations. The conference will include keynote and invited lectures, oral and poster presentations.

### About the Department

Department of Physics was established in 1976 under the Faculty of Physical Sciences. The Department is internationally known for its contribution to Material Science, Semiconductors and Laser Physics. The Department runs M.Sc. Physics and Ph.D. Physics programs. The Department has been financially strengthened by DST-FIST (Level –I) and UGC-SAP DRS-1 grants in the last ten years. The Department, being one of the oldest since 1976, holds a special place in the university on the basis of rigorous teaching, both applied and basic research, resulting in well-trained manpower to meet societal as well as national objectives. There are eight regular teaching faculty members in the Department and 30 research scholars are actively involved in different areas of experimental and theoretical Physics such as; synthesis and characterization of Glass and glass ceramics for energy storage materials, synthesis and characterization of Conducting polymers for microwave shielding applications, synthesis and characterization of 2-D materials for supercapacitor applications, synthesis and characterization of Perovskite materials for solar cell applications, synthesis and characterization of materials for LEDs applications, synthesis and characterization of metal sulfide/oxide nanomaterials for dye degradation applications and study of Liquid dynamics of alkali metals.

### About M.D. University

Maharshi Dayanand University, ab initio established as Rohtak University, Rohtak, came into existence by 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. The University is located at Rohtak in the state of Haryana - about 75 km from Delhi on Delhi-Hisar National Highway (NH-10) and about 240 km from Chandigarh, the State Capital. It is well connected both by rail as well as road. The University campus spread over an area of 622 acres, is well laid with state-of-the-art buildings and a magnificent road network, presenting a spectacle of harmony in architecture and natural beauty. Educational and research programmes are offered through its 41 departments. There are as many as 18 Teaching Blocks, 20 Hostels, and an elegant Vivekananda Library. Besides, this University runs three programmes through Satellite Institute, M.D.U. Centre for Professional & Allied Studies, Gurugram. About 263 Institutions/ Colleges of General Education, Engineering, Technology, Computer Sciences and Management Sciences located in 7 districts of the State are affiliated to this University.

### Call For Papers

The purpose of International Conference on Functional Materials & Sensors (FMS- 2024) is to bring together academicians, researchers, industry experts and students interested in the domain of advanced functional materials and their applications in various fields. Papers presenting original work are invited in the areas listed below:

- Nanomaterials
- Glass and glass-ceramics
- Energy storage devices
- Photocatalytic
- Thin films and related technologies
- Luminescent materials
- Photovoltaics and photo-detectors
- Computational Material Science
- Microwave Shielding
- Sensors
- Solar cells
- Polymer and composites

### Publications

- Extended abstract of one page, should be typed in “Times New Roman” with 12 font size for matter, 14 font size in bold for title, having line spacing of 1.5 inches and 1-inch custom margin on all sides. The name of the presenting author should be marked with an asterisk (\*) along with e-mail ID.
- Extended abstract are to be submitted at “fms-2024@mdurohtak.ac.in”
- Selected papers after peer review will be published in reputed conference proceedings/edited book entitled “Functional Materials & Sensors.”

### Who can participate?

- ❖ Scientists
- ❖ Academicians
- ❖ Research Scholar
- ❖ Industry Personnel
- ❖ Students (P.G.)



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## IMPORTANT DATE

Action	Deadline
Submission of Abstract	19 <sup>th</sup> Jan 2024
Notification of Abstract Acceptance	21 <sup>st</sup> Jan 2024
Registration	22 <sup>nd</sup> Jan 2024
Conference	16 <sup>th</sup> -17 <sup>th</sup> Feb 2024

## REGISTRATION

The registration will be done only through google forms:

<https://forms.gle/9JFXcXSgbs4iuPRb6>



Categories	Fees
Faculty (other than MDU)	Rs. 1500
Faculty (UTD - MDU)	Rs. 1000
Scholars (other than MDU)	Rs. 1000
Scholars (UTD - MDU)	Rs. 500
PG Students (other than MDU)	Rs. 1000
PG Students (UTD - MDU)	Rs. 500

## BANK DETAILS

❖ Registration fee is to be paid online through SBI collect at MDU, Rohtak website [www.mdu.ac.in](http://www.mdu.ac.in). Kindly follow the steps given below:

Pay Fee online through SBI Collect → Payment Category → “Functional Materials and Sensors FMS 2024”

## ACCOMODATION

❖ Accommodation will be provided on request and payment basis.

**In case of any query, please contact:**

Dr. Sajjan Dahiya

Organizing Secretary, FMS-2024

Mobile: 9289613025 & 9215701113

Email: (fms-2024@mdurohtak.ac.in)