21.10.2023

Advertisement for Ph.D. Admission ((Regular Full Time mode) in School of Mathematical and Statistical Sciences, IIT Mandi (Even Semester 2023-24)

School of Mathematical & Statistical Sciences of IIT Mandi invites application for admission to Doctor of Philosophy (PhD) programme in a variety of disciplines and interdisciplinary areas under Regular Full-Time mode.

Minimum Eligibility for Admission in Ph. D .Programme:

S.No	Discipline	Broad Research Areas	Qualification for Admission
1	Mathematics	• Mathematics • Differential Equations and Mathematical Control Problems • Differential Equations with deep learning/ Machine Leaning approach • Frame theory • Wavelet Analysis • Harmonic Analysis • Function spaces • Mathematical Modelling • Algorithms for time series and dynamical prediction • Harmonic Analysis • Frame Theory • Dunkl Transform • Applied Topology and Combinatorics • Computational Fluid Dynamics • Numerical Methods for PDEs • Classical K-theory • Mathematical Image Processing	Master's degree in Sciences/ Engineering/ Technology with a good academic records and also qualified GATE or UGC/ CSIR/ NET or DST Inspire or other equivalent national level examination. **Or** Bachelor's degree holder in Engineering/ Technology from any CFTIs with a minimum CGPA of 7.5 on a10.0-pointscale. **Or** Bachelor's degree holder in Engineering/ Technology from any Non CFTIs with at least CGPA of 7.5 on a10.0-point scale with valid GATE score in relevant subject or other National level exam at the time of admission. **Or** Bachelor's degree holder in Engineering/ Technology and serving for two years or more in a reputed R&D organization and having a proven research record. **Or** B.Tech/B.E./B.S./(or equivalent) degree from CFTI/ any of the top 100 institutes according to NIRF ranking (overall category) at the time of application/ any Himachal Pradesh Govt. institutes or universities with CGPA/CPI of at least 7.5 (on a scale of 10) or equivalent **Or** BS-MS/ M.Sc./MA/MBA/ equivalent from IITs, IISERs, IISc, IIMs, or any of the top 100 institutes according to NIRF ranking (overall category) at the time of application with a CGPA/CPI of at least 7.5 (on a scale of 10) of equivalent. **Or** NIRF ranking (within top 100) should be in overall category granted for the year during which admission is sought. ***Qualification for Admission*** to get the HTRA fellowship. https://insite.iitmandi.ac.in/circulars/show.php?ID=IITMandi/Acad/Senate/2023/2196-2201
2	Statistics, Optimization and Applications	• Applied Time Series Analysis • Climate Change • Indian monsoon rainfall • Extreme events like cloudbursts Data analytics • Portfolio Optimization • Control Optimization Problem • Heuristic Optimization	
3	Artificial Intelligence, Machine Learning	• Artificial Intelligence • Machine Learning • Deep Learning • Computer Vision	

For more details about Ph.D. Programme at IIT Mandi, please visit:

https://www.iitmandi.ac.in/pdf/ordinances//Ordinances_Ph.D.pdf

How to Apply:-

Interested candidates are encouraged to fill the online application form available in the following link:

http://oas.iitmandi.ac.in/External/Admission/Login.aspx

Application Fee:

Category	Amount in ₹
General/EWS/OBC/OBC(NCL)/Transgender/Foreign Nationals	200
Women/SC/ST/PD	100

Mode of Payment: SBI Collect Portal.

Applicant should submit fee on SBI collect portal of the IIT Mandi: and submit generated transaction number to the OAS admission application portal. One application fee is valid for the single application. The application fee is non- refundable. Applicant can choose the following steps on SBI Collect Portal to submit the application fee:-

State of Corporate / Institute*: Himachal Pradesh

Type of Corporate / Institute*: Educational Institutes

Educational Institutes Name*: IIT

Select Payment Category*: Application (Admission Fee)

For any problems regarding filling up of online application, please contact oassupport@iitmandi.ac.in

For any other queries regarding Ph.D. program in SMSS, please contact SMSS Office via following email smssoffice@iitmandi.ac.in.

Employed candidate seeking admission to Ph.D. must have to submit a **"No Objection Certificate"** from their current employer at the time of interview.

Important Dates:

Start of online application:	Saturday, 21st October, 2023.
Deadline for online application	Wednesday, 15th November, 2023, 11:59 PM (IST)

IIT Mandi reserves the right to recruit / not recruit for any of the advertised area and apply appropriate criteria for shortlisting.

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