INSTITUTION OF EMINENCE (IoE) CALL FOR APPLICATIONS FOR POST-DOCTORAL RESEARCH FELLOWSHIP (IoE - PDRF)

Under the directorate of the *IoE- Post-doctoral research fellowship (IoE-PDRF)* scheme, young researchers are invited from across the country and abroad *to engage in creative, high-quality work in the advertised disciplines / area of interest*.

The School of Mathematics and Statistics invites applications from eligible candidates for the IoE-Post Doctoral Research Fellowship (IoE-PDRF) Email: deansm@uohyd.ac.in

The selected fellows will work under a faculty-mentor from the School of Mathematics and Statistics, University of Hyderabad. In addition to research, the fellows may be assigned teaching responsibilities, depending on their interest, to support and complement ongoing and / or initiate new programs in the respective academic unit as per the mandate of IoE.

Total Vacancies: 10 (SC-1; ST-1; OBC-2; EWS-1; PwBD-1; UR-4)

It may be noted that merely satisfying minimum eligibility conditions does not guarantee short listing or selection. The university reserves the right to fill as many as it decides (i.e., not all vacancies may be filled).

The research areas for 10 vacancies are given below.

Sl. No.	Name of Faculty member and email address	Research Topic	Essential Qualification	Desirable Qualification
1	Prof. R. Radha repakar@ uohyd.ac.in	Hyperbolic Systems	Ph.D. in Applied Mathematics	Good knowledge in analysis of differential equations
2	Dr. T. Suman Kumar suman.hcu@uohyd.ac.in	Parabolic PDE, scalar conservation laws.	Ph.D. in Applied Mathematics	
3	Dr. Sachin B. Bhalekar sachinbhalekar@uohyd.ac.in	Fractional Calculus	Ph.D. in Applied Mathematics or Analysis	Basic knowledge of Fractional Calculus, Dynamical Systems, and any programming language or software (Mathematica, Matlab, etc.)

4	Dr. Sachin B. Ballal sachinballal@ uohyd.ac.in	Ordered Algebra, Discrete Mathematics	Ph.D. in Algebraic structures viz. Groups/ Rings/ Modules/ Lattices and allied areas	Prior knowledge of partially ordered sets, lattices, graphs etc. are highly desirable. Fundamental understanding of lattices of algebraic substructures viz., subgroups, ideals, submodules etc. will be preferred.
5	Dr. Mohan Chintamani mncsm@uohyd.ac.in	Combinatorial Number Theory/ Additive Combinatorics, Algebraic Coding Theory.	PhD in Additive Combinatorics/ Combinatorial Number Theory/. Coding Theory	At least 2 journal publications in reputed journals in relavent areas, Knowledge/ experience of Programming in SAGE/MATLAB
6	Dr. Archana S Morye asmsm@uohyd.ac.in	Moduli of Vector bundles and related areas.	Ph.D. in Algebraic Geometry or in the related area from a reputed institution	At least one publication in in a reputed journal.
7	Dr. B. G. Manjunath bgm@uohyd.ac.in	Distribution theory, Statistical Inference, Any applied area	M.Sc. in Statistics and Ph.D. in Statistics	One publication in reputed journal
8	Dr. V. Nageswara Rao nrvemuriz@uohyd.ac.in	Fuzzy Logic	Ph.D. in Mathematics	At least one SCI publication in Fuzzy Logic/ Fuzzy sets
9	Dr. S. Anjana anjanas@ uohyd.ac.in	Survival analysis	M.Sc. in Statistics and Ph.D. in statistics	At least one publication in peer reviewed Journal (UGC Care list) Knowledge in statistical software like R and Python
10	Dr. Abhay Soman abhaysoman@uohyd.ac.in	Central Simple Algebras and Quadratic Forms.	PhD in Mathematics from a reputed institution in the related area	At least one publication in reputed journal.

To know more about the School, please visit: http://mathstat.uohyd.ac.in/

ELIGIBILITY AND OTHER CONDITIONS

1. Candidates from UGC recognized (public or private) institutions or institutions of national importance or from international institutions (NRI/PIO/ Foreign nationals) with degree awarded **not more than three years prior** to the date of announcement of this call for applications. In the case of Indian nationals, **a relaxation of two years will be provided to candidates belonging to OBC/EWS/SC/ST/Women/PwD categories, i.e the PhD should have been awarded not more than Five years from the date of announcement of this call for applications.**
2. Candidates from UGC recognized (public or private) institutions or institutions of national importance or international institutions who have submitted their PhD and are awaiting award of the degree are eligible to apply upon submission of Provisional Certificate.
3. Applicants already in regular service are not eligible to apply.
4. Faculty members are **not permitted to host/mentor students they have supervised or co-supervised for PhD** as IoE-Post Doctoral Research Fellows.
5. The upper age limit for the fellowship is 32 years (at the time of the submission of application) and age relaxation of up to 3 (three) years will be given to candidates belonging to SC / ST / OBC (Non-Creamy Layer) / Women / PWD / EWS candidates (i.e. 35y as the upper age limit).
6. The IoE-PDRF is a purely temporary assignment, and is tenable for a period of one year from the date of appointment, renewable up to maximum of three years OR the end of IOE project, whichever is earlier. Candidates will not be eligible to claim this experience for any permanent position at the University of Hyderabad.
7. Extension beyond the one year tenure will be subject to availability of funds and review of performance. There will be rigorous assessment of yearly progress for the renewal of the Fellowship and is NOT automatic.
8. Notwithstanding any of the above-mentioned conditions, the tenure of all appointments will be co-terminus with the tenure of the IoE programme at the University of Hyderabad (which is currently 31/3/2024).

FELLOWSHIP: Rs. 55,000/- per month (consolidated) and Rs. 35,000 per month for candidates who have submitted the thesis and are awaiting award of degree.
RESEARCH GRANT: Rs. 1,00,000/ - per annum for IoE-pDFs in Schools of Chemistry, Engineering Sciences and Technology, Life Sciences, Medical Sciences and Physics and Rs 50,000/- per annum in all other Schools. The grant can be used for consumables, contingencies, and domestic travel - for attending conferences / research meetings / symposia). Purchase of items such as minor equipment, laptops, tablets, furniture or any other form of asset are not permitted.

The IoE-PDRFs are not eligible to receive any other fellowship from any Government or non-Governmental source during the tenure of the fellowship. If availing any other fellowship / remuneration, s/he will have to resign from the same before accepting the IoE-PDRF at UoH.

Deadline for applications: 8th May, 2023

Shortlisted candidates will be intimated for interview.

Government of India rules on reservation policy will be strictly followed in selections. The University reserves the right to reject all or any of the applications or cancel the call for applications without assigning any reason thereof.

IoE - PDRF APPLICATION FORM

School of Mathematics and Statistics.

Please fill the application form along with all required documents and submit by email to: deansm@uohyd.ac.in, with the subject line IoE PDRF-2023.
This form along with annexures maybe converted into a single pdf file and sent by email to the contact email id: deansm@uohyd.ac.in,address:

APPLICANTS PERSONAL DETAILS	
NAME	
GENDER	
DATE OF BIRTH AND AGE	
NATIONALITY / SOCIAL STATUS / CATEGORY	
PERMANENT ADDRESS	
ADDRESS FOR CORRESPONDENCE	
APPLICANTS PROFESSIONAL DETAILS	
DETAILS OF QUALIFICATIONS (IN REVERSE CRONOLOGY). INCLUDE NAME OF THE DEGREE, YEAR OF PASSING, CLASS/DIVISION OBTAINED AND NAME OF THE UNIVERSITY .	**COPIES OF CERTIFICATES ARE TO BE ATTACHED AS ANNEXURE**
SUMMARY OF PHD WORK (SYNOPSIS OF THESIS)	**ATTACH AS ANNEXURE**

AREA OF SPECIALIZATIONS	
DETAILED CV WITH PREVIOUS POST DOCTORAL EXPERIENCE, IF ANY, LIST OF PUBLICATIONS, IF ANY AND NAMES OF THREE REFEREES (ENCLOSE REPRINTS)	**ATTACH AS ANNEXURE**
SUMMARY OF YOUR RESEARCH EXPERIENCE AND SKILL SETS	**ATTACH AS ANNEXURE**
APPLICANTS PROPOSED RESEARCH ACTIVITY	
RESEARCH PROPOSAL WITH CLEAR OBJECTIVES, DELIVERABLES & MILESTONES ETC	**ATTACH AS ANNEXURE**
Order of preference if applying against more than one suitable topic	

I/WE STATE THAT THE APPLICATION IS COMPLETE IN ALL RESPECTS AND ALL INFORMATION IS CORRECT. I/WE UNDERTSAND THAT IF ANY OF THE INFORMATION PROVIDED IS FOUND TO BE FALSE, THE FELLOWSHIP WILL BE TERMINATED IMMEDIATELY AND THE APPLICANT WILL BE LIABLE TO REFUND THE FELLOWSHIP RECEIVED.

Name and signature of the applicant: Signature/date

Project Proposal format:

a) Title of the Research Proposal _____
b) Abstract (maximum 300 words).
c) Introduction
d) Origin of proposal
e) National and International status
f) Hypothesis/ Detailed Methodology
g) Expected outcome such as new inventions/discoveries, publishing quality papers/articles, book/book chapters, and others (200 words).
h) Previous Research experience highlighting achievements, if any.