

ADVERTISEMENT

Maharishi Kanad Post-Doctoral Fellowships

The Institution of Eminence (IoE), University of Delhi invites applications from eligible Indian nationals with good academic profile and excellent publication records for Maharishi Kanad Post-Doctoral Fellowships in the areas of Public Health, Climate Change & Sustainability, Public Policy & Governance, Transnational Affairs, Analytics and Skill Enhancement & Entrepreneurship Development.

Eligibility

1. The applicant should have completed Ph.D. from any Indian/Foreign University in the relevant specializations as mentioned below.
2. The applicant should possess a good academic record and an excellent research profile as evident from quality publications in reputed journals of the relevant specialization.
3. The applicant should not have exceeded five years from the date of award of Ph.D. degree at the time of applying for the fellowship.
4. An applicant having research experience that demonstrates an independent research capability will receive preference.
5. A duly filled application form should be accompanied by a brief research/activity proposal (not more than 2000 words) along with the application, outlining the objectives, brief methodology, deliverables, and the timeline to achieve the stated objectives.

Nature & Duration of Support

1. The Fellowship carries a consolidated remuneration of Rs. 1.00 lakh per month. The IoE will also provide the Fellows an annual research grant of up to Rs. 2.00 lakhs (Sciences, Applied Sciences, Mathematical Sciences) and up to Rs. 1.00 lakh (Humanities, Social Sciences, Law, Management, etc.).
2. The duration of the fellowship will be initially for a period of one year, which may further be extended by one year, subject to the availability of funds and the satisfactory performance of the Fellow, periodically evaluated by an Expert Review Committee.
3. There is no provision for an official accommodation for the selected candidates.

Expectations

1. The Fellow may initiate a novel research project with a promising outcome or research work culminating in high-quality peer-reviewed research

publications/patents /prototypes, etc., under the guidance of a mentor from the University Departments/Centres or IoE Schools.

2. The research proposal must establish an intellectual inquiry that can progress according to the plan she/he has outlined and also a product/patent/policy/research publication(s).
3. In addition to research assignments, the fellow may have to undertake teaching/design and execute courses and any other responsibility as assigned by the IoE.

Number of Fellowships and Specializations

Total Number of Maharishi Kanad Post-Doctoral Fellowships: 50

The Maharishi Kanad Post-Doctoral Fellowships are available in the following areas of research/specialization:

1. Public Health

- Public health epidemiology/Nutrition, Environmental health, and ecotoxicology, Microbes in health and disease, Exercise physiology, Environmental and public health.
- Genetics, Genomics, Proteomics, Metabolomics technology, Drug design, Immunology, and cell biology.
- System biologist with a strong background in mathematical modeling, and computational, Synthetic methodology development, and big data analysis.
- Innovation and design of novel diagnostic, therapeutic products.
- Social issues in public health.

2. Climate Change & Sustainability

- Climate change studies -Ocean-atmosphere interactions
- Paleoclimate and paleoceanography
- Climate change, Critical zone studies & agriculture sustainability
- Plant & soil ecology, Plant invasions
- Renewable energy resources/Bioenergy
- Sustainable energy storage, Clean energy solutions
- Climate change & water resources sustainability
- Natural hazards and disasters and climate change
- Human health impacts of climate change

3. Public Policy & Governance

- Public policy and governance – Institutions and processes in India
- Inclusive and participative governance
- Law and economics

- Data analytics, Big data for policy formulation, Evaluation and impact assessment with citizen engagement
- Public procurement and contract management
- Social media, and Tech platforms
- Public budgeting, Financial management and taxes
- Education and entrepreneurship
- International finance and public policy
- Sustainable finance

4. Transnational Affairs

- Diplomacy & foreign policy
- Defence & international security
- Global governance & multilateralism
- Global justice
- Public diplomacy
- Human rights & environment
- Global institutions
- Global south

5. Skill Enhancement & Entrepreneurship Development

- Technologies and policies for Drug (small and large molecules) Discovery and Development; Technologies for production and analytical characterization, and clinical trials and regulatory aspects (Bench-to-Bed).
- Genomic, Proteomic and Metabolomic technologies for human health and plant sciences, including biological and genomic data analysis.
- IPR Laws, processes, technology transfer, commercialization, defining skill gaps to create interaction between University and Industry for training, research, and Innovation leading to entrepreneurship.
- Entrepreneurship including Creativity and Innovation, Fundraising and Management for Entrepreneurs, Marketing and Sales for Entrepreneurs, Startup Operations and Future-proofing, Social Entrepreneurship and Social Innovation etc.
- Semiconductor device design and fabrication.

6. Analytics

- Natural language processing/Machine learning
- Network analytics/Network science
- Data analytics for e-governance/education/healthcare/public policy
- Design and analysis of algorithms

- Sustainable transportation
- Portfolio optimization/Finance
- Optimization
- Artificial intelligence in medical diagnosis and prognosis
- Social media modeling
- Approximation algorithms

Fellowship Conditions

1. The Fellows shall be deemed to have accepted the terms and conditions of the scheme as laid down in the advertisement and shall in no way be entitled to any extension of the fellowship or benefits of any other kind than those that are part of the offer.
2. The selected Fellows shall not relinquish the fellowships before six months of appointment unless in case of accepting a permanent position in this or any other institution.
3. The fellowship is a full-time position, and the selected Fellow shall not be allowed to pursue any other assignment/studies outside the University of Delhi.
4. These are contractual positions, which may be terminated at any point in time on the ground of non-performance/unsatisfactory performance without giving any prior notice.
5. The outcome of research under this fellowship which may result in a product/patent/policy/research publication(s)/technology/know-how or in any other form shall be the sole property of the IoE, University of Delhi.
6. The Fellows shall be governed by the existing conduct and discipline rules and regulations of the University of Delhi.
7. This position does not entitle the Fellows to a claim for any permanent position as may be advertised by the University.
8. The applicant may be asked to furnish preference for likely mentor(s) not exceeding two, who is/are Faculty employed at the University of Delhi in its different Faculty/Departments/Centres/Schools under the IoE, and who have proven publication research credentials in the area of applicant's current and future research interests.

General Instructions

- Applicants should carefully read the requisite minimum essential qualifications, eligibility, job description, etc. laid down in the advertisement before applying for this post. Since all the applications received will be screened based on information provided by the applicants, in the application form, they must satisfy themselves of their suitability for the position applied.
- Applicants are advised to visit the website of the IoE and its different schools to know about the activities of the schools under the IoE.
- An applicant must submit a detailed curriculum vitae, in addition to the details sought in the online application form.

- There is a mandatory fee (non-refundable) of Rs.2000/- for each application. However, women applicants and those belonging to SC, ST, and Differently-abled categories are required to pay an application fee of Rs. 1000/-.
- If, at any stage during the recruitment and selection process, it is found that an applicant has furnished wrong or misleading information, the candidature will stand rejected without any notice.
- Mere fulfillment of minimum educational qualifications and eligibility shall not entitle an applicant to be shortlisted.
- Application once submitted cannot be altered/resubmitted and a refund of the application fee is not admissible in any circumstances.
- The applicants are required to apply ONLINE as displayed on the IoE website.
- All relevant educational qualifications, experience certificates, research proposal, and detailed curriculum vitae should be submitted ONLINE.
- The number and nature of positions advertised may vary depending on the number of applications received, availability of candidates, screening criteria, and recommendation of the selection committee.
- IoE/University reserves the right to reject the candidature of the applicant/s without assigning any reason.
- IoE/University reserves the right not to fill in or otherwise, any or all the advertised posts.
- IoE/University reserves the right to cancel or partially modify the advertisement at any point in time at its discretion. Corrigendum/addendum or modification, if any, would be displayed only on the IoE website and shall not be published in any Newspaper. The applicants are advised to check the IoE website <http://ioe.du.ac.in> regularly for updates.
- Canvassing of any kind will result in disqualification of candidature.
- Reservation policy shall be followed as per the University/GOI norms.
- Incomplete application or application without payment of fees, will not be considered.
- The application fee has to be paid online using the following link <http://fee.du.ac.in/index.php/fee/fee-payment-miscellaneous/register>. While making the payment under the head Fee, select the Category “**Maharishi Kanad Post-doctoral Fellowship**” from the drop-down menu.
- **The last date for receipt of application is two weeks from the date of publication of the advertisement in the Employment News.**

Note: NO INTERIM ENQUIRIES WILL BE ENTERTAINED.

[Apply here online](#)