# INDIAN STATISTICAL INSTITUTE

## 203 B.T. Road, Kolkata - 700108

No.PU/507/ADV/607                                                                    Date: 24th November 2021

## ADVERTISEMENT FOR FACULTY RECRUITMENT

Indian Statistical Institute invites applications from duly qualified for full-time faculty positions at the level of Assistant Professors and Associate Professor, to be placed at the R. C. Bose Centre for Cryptology and Security of the Institute, in Kolkata.

Duties include undergraduate and post-graduate teaching, independent research, consultancy/sponsored research, research supervision, and participation in institutional activities.

The last date of application is **31st January 2022**. The recruitment committee will meet regularly to consider the applications and arrange for seminars and/or interviews as the need arises.

**Vacancies:** For 2022, **four (4) vacancies** are available for Assistant Professors and above, out of which one (1) position is reserved for SC category. Number of vacancies may change based on the requirements at the time of the recruitment. The Institute reserves the right not to fill all the vacancies.

**Reservation:** As per Government of India rules, reservation will be considered without any compromise on qualification, experience, and competence. Necessary certificates must be enclosed with the application form. Without any compromise on qualification, experience and competence, relaxations will be offered to SC candidates, as per the norms of the Institute.

| POSITION | Qualifications & Experience* | Age limit | Pay level |
|---|---|---|---|
| Assistant Professor | • Should have **at least 3 years of post-Ph.D**. research/teaching/industrial experience.<br>• Should have demonstrated research potential in terms of publications in **top-tier journals** and **top-notch conferences.**<br>• Candidates with a strong research background in **Cryptology and Security (preferably in Cybersecurity or IoT)**. One should have a PhD in Computer Science or allied disciplines, with a strong doctoral thesis in the broad area of Cryptology and Security, with first class or equivalent in appropriate disciplines in the preceding degrees, to be considered for the aforesaid positions. One should also have very strong academic credentials and an established research record, supported by high-quality publications in top-tier journals and conferences of cryptology and security. Services to the Govt. of India, in terms of research projects, consultancy activities, | Preferably below 35 years | Level 12<br><br>(After completion of three years in service in Level 12, the pay will be fixed at Level 13A1) |

| POSITION | Qualifications & Experience* | Age limit | Pay level |
|---|---|---|---|
| | and teaching/training experience, will be considered as desirable qualification.<br>• Candidates having **less than 3 years of post-Ph.D.** research/teaching/industrial experience may be considered for Assistant Professor (Grade II) position. | | |
| Associate Professor | • Should have at least **6 years of post-Ph.D.** research/teaching/industrial experience of which at least three (3) years should be at the level of Assistant Professor or equivalent.<br>• Should have demonstrated adequate experience of independent research in terms of publications in top-tier journals and conferences in cryptology and security (mentioned above), patents, sponsored projects/consultancy, and other professional activities relevant to his/her previous position(s). | Preferably below 40 years | 13A1 |

**Institute Support for New Faculty Members:** In addition to the pay package, the Institute offers several incentives for professional and personal development of the new faculty members. These include
• Cumulative Professional Development Allowance (CPDA) of Rs. three Lakh for every block period of three years is given to all faculty as per rule.
• The Institute encourages faculty entrepreneurship, as well as faculty involvement in start-ups.
• Accommodation in campus housing based on availability and as per rule.
• Medical facilities and medical insurance scheme are available for all faculties.

**Additional Information:**

• An application should be made in the prescribed form which is available at the end of this advertisement.
• For Foreign Nationals, if selected, the appointment will be on contract for up to three years subject to clearance from the Govt. of India before he/she can join the Institute. Extension beyond three years willbe subject to a review process and necessary approvals may be required.
• The Institute reserves the right to screen and call only such candidates for a seminar and/or interview as are found suitable according to the current needs of the Institute. Thus, fulfilling the minimum eligibility criteria would not entitle one to be called for seminar/interview.
• Travel expenses for attending the seminar/ interview presentation from any point within India will be reimbursed as per the Institute norms. The candidates must ensure adherence to Institute norms before purchasing their tickets.
• The candidate is responsible for the correctness of the information provided in the application. If at a later date it is found that any information given in the application is incorrect or false, the candidature/appointment is liable to be cancelled/terminated.
• Candidates employed in Government and Semi-Government Organizations, Public Undertaking, and Universities and Institutions funded by the Government need to submit a No Objection Certificate at the time of interaction or when intimated.
• An incomplete application is liable to be cancelled without intimation.

**How to Apply:**
Candidates must apply with a forwarding letter addressed to the Head, R. C. Bose Centre for Cryptology and Security, Indian Statistical Institute referring to the advertisement number and its date of publication. The following documents are required (in PDF format).

1. Filled in Application Form in the proforma available at the end of this advertisement

2. Curriculum Vitae that clearly mentions the marks/grades/dissertations/honors at all academic levels (Grade 10, Grade 12, Bachelors, Masters, PhD), as applicable, and includes a complete list of peer-reviewed journal and conference publications in cryptology and security with a list of all publications
3. Proposed research plan
4. Proposed teaching plan at the undergraduate and post-graduate levels
5. Caste and/or Disability Certificate from the competent authority, as applicable
6. Any other relevant information the applicant may wish to furnish
7. Reprints of up to five important publications

The Curriculum Vitae, as mentioned, should be sent to "Head, R. C. Bose Centre for Cryptology and Security, Indian Statistical Institute" at **rcbose@isical.ac.in**, as a single PDF file.

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# Annexure I
## Proforma for Application

**Advertisement No. with Date:**

**Personal Information**

**Name:**

**Date of birth and age (as on the date of application):**

**Gender:**

**Nationality:**

**Present position and affiliation:**

**Consolidated Monthly Salary/Emoluments:**
**(Mention Pay Level and Cell in 7th CPC Matrix, if available or applicable)**

**Whether belongs to SC categories:  Yes / No**

**Permanent address:**

**Address for correspondence:**

**E-mail:**

**Telephone/Mobile no. with country code:**

**Academic Information**

**Post applied for:**

**Educational Qualifications: in reverse chronological order (up to School leaving examination).**

| Degree/ Examination | University/Institution | Major Subjects | Year | % marks/ CGPA | Division/ Class |
|---|---|---|---|---|---|
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**Title of Ph. D. dissertation:**

**Supervisor's name(s) with email address(es):**

**Broad area of dissertation work:**

**Year of obtaining Ph. D. degree (the date on the provisional certificate will be taken as the date of obtaining the Ph. D. degree):**

**Professional Experience:**
   •   **Details of Post-/Doctoral research/teaching experience:**

| Affiliation | Designation | Duration | Nature of Work/Project |
|---|---|---|---|
| | | | |
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   •   **Details of employment experience in academia:**

| Affiliation | Designation | Duration | Salary/Pay Level |
|---|---|---|---|
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| | | | |

   •   **Details of industry experience:**

| Affiliation | Designation | Duration | Nature of Work/Project |
|---|---|---|---|
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- **Details of research/industrial projects undertaken:**

| Project Title | Role in the project | Status | Quantum of funding | Funding agency |
|---|---|---|---|---|
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**Ph. D. Supervision Details (attach separate sheets if needed):**

**Awards and Honors:**

**Research and Teaching Plans**

Research plan and statement of purpose and its relevance to the research activities of ISI:
*(*attach separate sheets if needed)

Teaching plan and its relevance to the objective of the Institute, including plans of new courses and new approaches to teaching (attach separate sheets if needed):

**Publication Information**

List of papers published in peer reviewed journals, conferences, edited books etc. The names of all the authors along with the order in which they appear in the article should be stated for each paper..

List of books/monographs published (including name of the publisher and other details).

Attach reprints/preprints of maximum five (5) best papers authored by the candidate.

**References:**

Candidates should suggest names of at least three scientists/experts who can act as reviewer for their work (apart from supervisors).

Candidates applying for the post of Assistant Professor should arrange for at most two reference letter(s) to be sent directly to rcbose@isical.ac.in from persons who can comment on his/her doctoral and/or Post-Doc work(s) including one from his/her Ph.D. supervisor(s).

The following information should be in the Reference Letter:

(i)     Mention in the subject line "Recommendation for <Candidate name>"

(ii)    Name and contact details including email address of the person providing reference letter.

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