



इण्डियन एसोसिएशन फॉर द कल्टीवेशन ऑफ साइंस

INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE

(An Autonomous Institute of Department of Science & Technology, Government of India and
a deemed to be University under section 3 of UGC Act, 1956)

2एऔरबी, राजाएससीमल्लिकरोड, जादवपुर, कोलकाता - 700 032

2A & B, Raja S.C. Mullick Road, Jadavpur, Kolkata - 700 032

Adv No: IACS/ADVT/P/06/1287

Date: 16/11/2023

The Indian Association for the Cultivation of Science (IACS), Kolkata, a Grants-in-Aid Institution supported by the Department of Science and Technology, Government of India, and a Deemed to be University under section 3 of the UGC Act, 1956, is a premier research and teaching Institute of India to pursue and promote scientific research and teaching at the highest level in the frontier and interdisciplinary areas of sciences. IACS, Kolkata is in looking for energetic, dynamic, young, motivated, and highly qualified prospective faculty members with requisite experience as per the Recruitment Rules of the Institute for faculty positions in various schools at the levels of Professor, Associate Professor, Assistant Professor, and Faculty Fellow.

The applicants must have an excellent academic record and research experience with high-impact publications and should be able to design *de novo* courses in her/his areas of interest. They must participate in teaching undergraduate/postgraduate/Ph.D. students at IACS, and bring extramural research grants. The faculty members recruited in one School may also have concurrent affiliations with other Schools.

1. HOW TO APPLY:

Interested candidates possessing requisite qualifications and experience are requested to apply electronically to "apply@iacs.res.in", with full bio-data containing the list of publications, description of teaching and research experience, and future teaching and research plans as per the attached format. They should also mention the names of six referees familiar with their work.

Apart from that, the candidates should also send their duly filled-in applications in the prescribed format affixing a passport-size photograph along with requisite documents in support of their educational qualification, age, and experience in a sealed envelope superscripted clearly "APPLICATION FOR THE POST OF (Name of the post along with advertisement number) addressed to the **Director, Indian Association for the Cultivation of Science, 2A & B, Raja S. C. Mullick Road, Kolkata – 700032** by poston (or) before 60 days (75 days for the applicants of North-Eastern regions) from the date of publication of the advertisement in the Employment News.

Candidates applying for more than one post need to submit separate applications with requisite documents and fees subject to the condition that they fulfil all other eligibility criteria required for each post as applicable.

2. APPLICATION FEE

2.1

Category	Non-refundable Application Fee (₹.)
SC/ST and Female Candidates	1500/-
All other categories	2000/-

Note: The candidate will bear any Tax/Bank Transaction Charges.

2.2 Application fees will have to be sent together with the application by a demand draft drawn in favour of “INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE” payable at Kolkata. The Demand draft number should be mentioned in the application form.

2.3 Applications received without the prescribed fee shall not be considered. The fee once paid shall not be refunded under any circumstances.

2.4 Candidates applying from abroad may transfer the application fee in INR ONLY to the following bank account by electronic transfer :

- (a) Account Name: INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE
- (b) Account Number: 11079699244 (Current Account)
- (c) Bank Name: State Bank of India
- (d) IFSC : SBIN0000093
- (f) Swift Code : SBININBB328

The Transaction ID / UTR No. and Date of the application fee paid should be mentioned in the respective column in the application format and the print out of the payment receipt should be enclosed with the application form.

3. The essential qualification norms and Pay Level as per the 7th CPC for the different Positions:

Faculty Fellow (Pay Level 11): Ph.D. with 2 years of post-doctoral experience with commendable research publications. Age limit: Not exceeding 40 years.

Assistant Professor (Pay Level 12): Ph.D. with 4 years of post-doctoral experience with commendable research publications. Age limit: Preferably below 50 years.

Associate Professor (Pay Level 13): Ph.D. with 8 years of independent teaching and research experience of sustained Quality. Age limit: Preferably below 50 years.

Professor (Pay Level 13-A): Established scientists with proven leadership Qualities, widely recognized in his/her area of research. Age limit: Preferably below 50 years.

Desirable: Ph.D. with 12 years of Independent Research Experience with commendable research publications as well as teaching experience

Positions Available:

Unreserved(UR): Professor, Associate Professor & Assistant Professor (Mentioned below Schoolwise)

Reserved: Faculty Fellow [OBC(NCL)-3, EWS-1, SC-1, ST-1](Open to any School)

Abbreviation Used:UR- Unreserved, OBC (NCL) -Other Backward Class [Non-Creamy Layer], SC-Schedule Caste, ST-Schedule Tribe, EWS-Economically Weaker Section

4. Faculty requirements in various Schools and desirable areas of expertise:

4.1 School of Applied and Interdisciplinary Sciences (SAIS):

Assistant Professor (UR): One (1), Faculty Fellow: One (1)

Desirable areas of expertise:

Biological Sciences: The candidate should have in-depth research experience and rigorous training in Biology/Biological Sciences / Chemical Biology with desirable expertise in molecular biosystems / synthetic and system biology /bioengineering /disease biology/biomedicine (secondary affiliation to the School of Biological Sciences)

Physical Sciences: The candidate should have in-depth research experience and rigorous training in Physical Sciences / Soft Matter with desirable expertise in soft matter devices/energy materials and harvesting / wearable flexible electronics / micropower devices.

Positions are open to both streams.

4.2 School of Biological Sciences (SBS):

Professor (UR): One (1), Associate Professor(UR): One (1); Assistant Professor (UR): Two (2); Faculty Fellow: One (1)

Desirable areas of expertise:

The applicants must have experience in the following field of Biological Sciences/Life Sciences (but not limited to) with high-impact publications. The candidates must be aware of designing *de novo* courses in her/his area of interest and teaching undergraduate/postgraduate/PhD students at IACS. Structural Biology / Neuroscience / Biophysics/Biophysical Chemistry / Computational Biology/ Immunology/Disease Biology/Cellular and Molecular Biology/Developmental Biology/Bioinformatics/Functional Genomics/Genetics and Epigenetics.

Positions are open to all the areas stated above.

4.3 School of Chemical Sciences (SCS):

Faculty Fellow: One (1)

Desirable areas of expertise:

1. Organic synthesis (Carbohydrates and natural products)
2. Biosynthesis
3. Organometallic chemistry.
4. Metallo-enzymology.

The position is open to all areas.

4.4 School of Mathematical and Computational Sciences (SMCS):

Professor (UR): One (1); Assistant Professor (UR): Three (3); Faculty Fellow: One (1)

Desirable areas of expertise:

Computer Science:

Database Management Systems, Operating Systems, Computer Networks, Distributed Computing, Information Security and Cryptography, Compiler Construction, Computer Organization and Architecture, and Big Data.

Mathematics:

Algebra, Number Theory, Discrete Mathematics, Partial Differential Equations, Topology, (Algebraic and Differential), Geometry and Representation Theory, Probability Theory and Stochastic Process, Statistics, Ergodic Theory, and Dynamic Systems.

3 Assistant Professors and 1 Faculty fellow are open to all the areas.

1 Professor: Applied Mathematics / Applied Statistics

4.5 School of Materials Science (SMS):

Assistant Professor (UR): One (1); Faculty Fellow: One (1)

Desirable areas of expertise:

- 1) Solid-state Chemistry, Single Crystal growth, Quantum materials
- 2) Single particle/molecular spectroscopy and imaging
- 3) Simulations, Big data, and Machine Learning for predicting new materials and their properties
- 4) Optoelectronic Materials and Devices; Photovoltaics and LEDs.

Both positions are open to all areas

4.6 School of Physical Sciences (SPS):

Faculty Fellow: One (1)

Desirable areas of expertise:

1. Experimental Quantum Optics and Photonics
2. Gravitational wave astrophysics, or cosmology (within the domain of gravitational physics)
3. String theory

The position is open to all areas.

5. General Information:

5.1 Reservation for SC/ST/OBC/EWS will be as per the Policy of the Government of India.

5.2 Candidates, who will apply against any of the reserved category posts, viz. SC/ST/OBC/EWS will be considered on the production of valid Caste /EWS Certificate issued by the Appropriate/Competent Authority on the latest prescribed format.

5.3 Relaxation of age limit and other concessions will be provided for the Scheduled Castes, the Scheduled Tribes, Other Backward Class, Ex-Servicemen, and other special categories of persons, following the orders issued by the Government of India from time to time in this regard.

5.4 The crucial date for the claim of SC/ ST/ OBC/ EWS etc. status or any other benefit viz. fee concession, reservation, age-relaxation, etc. will be the closing date for receipt of applications.

5.5 A person seeking an appointment of based on reservation to OBCs must ensure that s/he possesses the caste/community certificate and does not fall in the creamy layer on the crucial date.

5.6 The vacancy position indicated in the Advertisement is tentative. The Institute reserves the right to increase/decrease the number of posts at the time of selection and make appointments accordingly.

5.7 The Institute Authority reserves the right to either fill up all the posts or some of the posts or none of them as mentioned in the Advertisement during any stage of the recruitment process without assigning any reason.

5.8 The institute is not liable to compensate the applicant for any consequential damage/loss thereof.

6. For OBC Candidates:

(a) Candidates applying under the OBC category must produce the valid caste certificate in the format provided by DoPT vide O.M. No. 36036/2/2013-Estt. (Res.) dated 30.05.2014 and as amended from time to time.

(b) OBC candidate's eligibility will be based on the caste(s) borne in the Central List of Government of India.

(c) The vacancies are being advertised in the financial year 2023 - 2024, therefore, a valid NCL - OBC certificate issued after 01.04.2023 will be considered valid. Candidates, who have NCL - OBC certificate issued before this period (i.e. 01.04.2023) will not be considered valid for this advertisement. Therefore, OBC candidates must ensure that they have a valid OBC certificate.

(d) OBC candidate(s) should not belong to Creamy Layer, failing which their candidature will not be considered for the OBC post.

7. For EWS Candidates:

(a) Application under the EWS category will be considered subject to submission of an Income and Assets certificate in the prescribed format issued by the Competent Authority. Therefore, EWS candidates must ensure that they have a valid EWS certificate application showing the income from all sources for the financial year prior to the year of application as per DoPT OM No. 36039/1/2019-Estt (Res) dated 31.01.2019.

(b) Candidates who fail to produce a valid EWS certificate will not be considered for reservation under this category.

(c) As per DoPT OM No 36039/1/2019-Estt (Res) dated 31.01.2019, the crucial date for submitting income and asset certificates by the candidates is the closing date for receipt of an application for the post. Therefore, EWS candidates must ensure that they have an EWS certificate valid for the financial year 2023-24.

8. For SC/ST Candidates :

Candidates applying against vacancies reserved for the SC/ST category should note that they have to submit the Caste Certificate issued by the Competent Authority along with their application.

9. The post carries allowances, retirement, and other benefits as per the National Pension System admissible to the IACS Employees.

10. Candidature of the application shall be subject to verification of testimonials at any subsequent stage. Incomplete applications and testimonials detected at any stage will be liable for cancellation of candidature.

11. Candidates may ensure that they fill in the correct information; Candidates who furnish false information are liable to be disqualified at any stage of recruitment.

12. The institute at its discretion may assess the candidates through multiple level screening.

13. Only such shortlisted candidates be informed individually via e-mail and the correspondence address provided by them in their applications. The mode of selection/screening for the different posts as decided by the Institute will be notified individually and/or through the website from time to time.

14. No TA/DA shall be paid to the candidates for attending the Interview/Presentation session.

15. Candidates working on a regular basis in Government Departments/Semi or Quasi Government/Autonomous Bodies/Universities/PSUs etc. or any institution funded by the Government, should send their application through the proper channel. However, those who are forwarding their application through the proper channel are advised to submit an advance copy of the application form well before the closing date.

16. Candidates working on a contractual/ad-hoc basis in Government Departments/Semi or Quasi Government/Autonomous Bodies/Universities/PSUs etc. or any institution funded by the Government, should attach a copy of the No Objection Certificate from their present organization/employer.

17. In case the closing date fixed for receipt of applications is declared a holiday, the next working day shall be deemed to be the closing date for receiving the applications.

18. The Institute shall not be responsible for postal delays, if any.

19. Application form (a) received after the closing date or (b) received not through proper channel/without NOC, wherever applicable or (c) incomplete in any respect or (d) any fresh enclosures received after the closing date or (e) application without self-attested copies of certificates/testimonials will not be considered and are summarily liable to be rejected.

20. Before applying against the advertisement, candidates are advised to check whether s/he has attached all necessary documents, and testimonials as per the advertisement text. The Institute will not be held responsible for the rejection of his / her application. No interim queries for the shortfall of any document in this regard will be entertained.

21. The Selection Committee may cancel an application at any time, in case requisite qualification and experience criteria are not met. IACS reserves the right not to fill up the posts, if suitable candidates are not found.

22. Canvassing or bringing influence in any form will disqualify the candidature.

REGISTRAR

INDIAN ASSOCIATION FOR THE CULTIVATION OF SCIENCE
Jadavpur, Kolkata - 700 032

APPLICATION FORMAT FOR FACULTY POSITION

1. Position applied for
2. Advertisement No. Dated
3. Name (in Block Letters) :
4. Present Position:
5. Address, e-mail, Phone Nos:
6. Date of Birth:
7. Gender:
8. Category (Gen/SC/ST/OBC/EWS):
9. Father's Name:
10. Permanent Address:
11. Educational Qualification:
12. Employment:
13. Research Experience (include no. of years after PhD):
14. Area of Specialization / Research Interests:.....
15. School/s applied for (in order of preference):.....
16. Fellowships/Awards/ Recognition:.....
17. Patents:
18. Publications:.....
19. Extramural Research Grants:.....
20. Present Research Highlights:.....
21. Teaching experiences:.....
22. Manpower trained from my laboratory (if applicable):.....
23. Future Plan of Research and Teaching (UG and PG) in IACS:.....
24. Anything else not included above:.....
25. Details of Six Referees:.....
26. Payment Details: Amount Rs..... Bank Name
- Transaction ID/ Demand Draft/ /UTR No.....Date

Affix a recent
self-attested
color Passport
size photograph

Declaration

I hereby declare that the statements made by me in / the above form are true, complete, and correct to the best of my knowledge and belief.

Place:.....

Date:.....

(Signature of the Candidate)