

INDIAN INSTITUTE OF TECHNOLOGY DELHI
HAUZ KHAS, NEW DELHI-110016

Rolling Advertisement No. IITD/2024/PROF-1 Dated 12.01.2024 for the post of Associate Professor and Professor

IIT Delhi invites applications from individuals with an established record of independent, high-quality research and commitment to teaching and research for faculty positions at the level of **Associate Professor and Professor** in various academic units.

The various Academic Units (Departments, Centres, and Schools) recruiting Associate Professor and Professor in their areas are given below. Department wise specialization areas, specific qualifications/experience are specified in Annexure-I.

| S. No. | Department/Centre/School | S. No. | Department/Centre/School |
|--------|--|--------|--|
| 1 | Department of Applied Mechanics | 9 | Department of Mechanical Engineering |
| 2 | Department of Chemical Engineering | 10 | Department of Textile and Fibre Engineering |
| 3 | Department of Civil Engineering | 11 | Centre for Automotive Research and Tribology (CART) |
| 4 | Department of Computer Science & Engineering | 12 | Centre for Atmospheric Sciences (CAS) |
| 5 | Department of Design | 13 | Centre For Rural Development and Technology (CRDT) |
| 6 | Department of Electrical Engineering | 14 | Sensors, Instrumentation and Cyber-Physical System Engineering (SeNSE) |
| 7 | Department of Humanities and Social Sciences | 15 | School of Artificial Intelligence (ScAI) |
| 8 | Department of Management Studies | 16 | School of Public Policy (SOPP) |

The CEI (RTC) Act (2019) for SC/ST/OBC-NCL/EWS categories as well as the RPwD Act (2016) for persons with benchmark disabilities will be applicable. Candidates should upload their valid SC/ST/OBC-NCL/PwBD/EWS certificates issued by the appropriate authority in the prescribed format of Government of India, along with the application. Eligibility of Persons with Benchmark Disabilities (PwBD) for recruitment at IIT Delhi is specified in Annexure-II. The extent of reservation will be as follows: SC-15%; ST-7.5%; OBC(NCL)-27%; EWS-10%; PwBD-4%. Women candidates are especially encouraged to apply. Foreign nationals will be appointed on contract basis, initially for 5 years. The contract can be renewed after the 5-year tenure gets over. Those applying as foreign nationals will need to get a work visa from the Government of India.

Basic qualification and experience for the posts are given below.

**A. ASSOCIATE PROFESSOR
QUALIFICATION & EXPERIENCE**

- A.1. Ph.D., with first class or equivalent in the preceding degree. Specialization in the appropriate area/branch with consistently good academic record throughout. Candidates should have good communication skills, a commitment to high quality undergraduate and postgraduate education, and demonstrated ability to carry out original and creative research. Specific qualifications and specialization areas sought in each academic unit are available as Annexure-1.
- A.2. Minimum 6 years Teaching/Research/Industrial experience of which at least 3 years should be at the level of Assistant Professor or equivalent in IITs or similar institutes of national importance or at an equivalent level in any other Indian or foreign institution/institutions of comparable standards.

**B. PROFESSOR
QUALIFICATION & EXPERIENCE**

- B.1. Ph.D., with first class or equivalent in the preceding degree. Specialization in the appropriate area/branch with consistently good academic record throughout. Candidates should have good communication skills, a commitment to high quality undergraduate and postgraduate education, and demonstrated ability to carry out original and creative research. Specific qualifications and specialization areas sought in each academic unit are available as Annexure-1.
- B.2. Minimum 10 years Teaching/Research/Industrial experience of which at least 4 years should be at the level of Associate Professor or equivalent in IITs or similar institutes of national importance or at an equivalent level in any other Indian or foreign institution/institutions of comparable standards.

C. APPLICATION SUBMISSION AND DEADLINE:

- C.1. Applications are to be submitted online. The advertisement is available at (<https://home.iitd.ac.in/jobs-iitd/index.php>). As a precaution, after submitting the application through the website, please retain a copy of the application. In case of any queries regarding the application submission, please contact:

Faculty Recruitment Cell (E-I)
MS-207/C-18, 2nd Floor, Main Building,
Indian Institute of Technology Delhi,
Hauz Khas, New Delhi-110016, INDIA
Telephone: +91-11-2654-8733
E-mail: fac_recruit@admin.iitd.ac.in

- C.2. The completed application along with the supporting documents should be submitted **on or before June 30, 2024, 5:00 PM (IST)**
- C.3. Please login to our site (<https://ecampus.iitd.ac.in/IITDFR-0/login>) and check the status whether the application has been received or not.

D. INSTRUCTIONS FOR COMPLETING THE APPLICATION FORM

- D.1. The application form/data sheet is a summary sheet mainly for data collection for statutory and statistical purposes, and all sections as specified in D.2 of this document should be detailed in the Academic Profile as given below.

Separate online applications must be filled in if a candidate is applying for a faculty position in more than one academic unit (Department/Centre/School). Candidates having overlapping interests in more than one academic unit can be considered for joint appointment, if selected.

- D.2. Upload a detailed Academic Profile which includes the following information:
 - D.2.1. Cover Letter.
 - D.2.2. Applicant profile with personal details and academic qualifications. All Educational qualification certificates including the date of Ph.D. Defense must be submitted/uploaded along with the application form.
 - D.2.3. Work Experience and detailed teaching plan, indicating core courses from the IITD Courses of Study list (available at the IITD website) that you can teach, and an expanded statement of your objectives and long-term interests in coursework development.
 - D.2.4. Awards and recognition: Name of the prize/award, awarded by, awarded for, year of the award.
 - D.2.5. Details of journal/conference papers and list of books published.
 - D.2.6. A detailed research plan highlighting your current and past research interests and achievements. Also, include your short- and long-term research plans. If applicable, highlight the accomplishments of research scholars guided, any sponsored research and consulting projects as PI or co-PI, industrial and administrative experience, patents, and technologies developed with the year and details about the patent, etc.
 - D.2.7. Any other activity like Continuing Education Programs/conferences organized (as an organizer or co-organizer) etc., service roles like institution building and student-centric roles.
 - D.2.8. List of referees who can be contacted to send letters of reference.

E. AREAS OF SPECIALISATION

- E.1. The document containing details of specific areas currently being sought for Associate Professor and Professor recruitment in different academic units is available as Annexure-1. Further details regarding various Departments, Faculty, Academic Programmes, and Areas of Research can be reviewed at the individual departmental websites and at www.iitd.ac.in.

F. PAY STRUCTURE

- F.1. ASSOCIATE PROFESSOR: (₹ 1,39,600 – 2,11,300/-) with Minimum Pay of ₹ 1,39,600/- in Academic Pay Level 13A2
- F.2. PROFESSOR: (₹ 1,59,100 – 2,20,200/-) with Minimum Pay of ₹ 1,59,100/- in Academic Pay Level 14A
- F.3. The posts carry allowances such as Dearness Allowance (DA), House Rent Allowance (HRA), Transport Allowance (TA) and telephone charges reimbursement as per Institute rules, which at present correspond to those admissible to Central Government employees stationed in Delhi. The benefits of LTC, Children Education Allowance, and contribution towards New Pension Scheme (NPS) shall be permissible as per GoI rules.
- F.4. Depending upon the qualifications and experience, a higher starting salary may be offered in deserving cases as decided by the Selection Committee.

G. OTHER SUPPORT FOR PROFESSIONAL ADVANCEMENT OF FACULTY

- G.1. For candidates joining the Institute from abroad - Reimbursement of one-way economy class airfare for travel for new recruits and his/her immediate family for joining the Institute from his/her current place of work abroad and relocation allowance up to a maximum of ₹2,50,000/- or actual whichever is less, subject to the condition that they serve the Institute for a minimum period of 3 years.
- G.2. For candidates joining the Institute from within India - Reimbursement of one-way economy class airfare for travel for new recruits and his/her immediate family for joining the Institute from his/her current place of work in India and relocation allowance up to a maximum of ₹1,25,000/- or actual whichever is less, subject to the condition that they serve the Institute for a minimum period of 3 years for new recruits.
- G.3. A Professional Development Allowance (PDA) of ₹ 3 lakhs for every block period of 3 years (Rupees one lakh per year) is made available to every member of the faculty on reimbursable basis to meet the expenses for participation in national and international conferences, payment of membership fee of professional bodies and contingent expenses **(subject to revision on account of 7th CPC)**.
- G.4. Faculty members are eligible for certain Chair Professor Positions that entitle them to a grant of ₹ 5 lakhs per annum for an initial period of 3 years, extendable up to 5 years.
- G.5. The Institute endeavours to provide suitable accommodation to all faculty. However, initially new faculty may have to stay in transit accommodation inside or outside the campus. Newly joined faculty members can also avail accommodation outside the campus on lease till regular accommodation is provided in the campus. Institute supports payment of monthly rental of up to ₹ 50,000/- for the same.

- G.6. The Institute encourages interaction of the faculty with industry, other research and professional institutions for research projects and consultancy.
- G.7. Facilities for Research and Development activities exist in all the Departments and Centres. These are being continuously modernized with contemporary equipment and services. Good facilities also exist for high performance computing. The Institute has a well-stocked library.
- G.8. Professional visits can be undertaken during vacation period for carrying out scientific research work.
- G.9. Flexible Sabbatical Leave facility to collaborate with other researchers and industry.
- G.10. Medical Insurance for cashless in-patient treatment in leading hospitals and free outpatient support in the well-equipped Institute Hospital for the employees and their dependents.
- G.11. Extending into an area of 320 acres, the campus is imaginatively laid out with a picturesque landscape with clean and wide roads. Most of the day-to-day facilities are available on the Campus including banks, post office, small shopping centre, play school, Crèche for children, hospital, sports facilities including a swimming pool and vast playgrounds for field games. Cultural facilities include film clubs, classical music societies, debating and drama, hobbies club and the Staff Club.

H. ADDITIONAL INFORMATION

- H.1. Candidates employed in Government and Semi-Government Organizations, Public Undertakings, University and Educational Institutions must apply with the consent of their present employers. If they anticipate unavoidable delay in their applications being forwarded through proper channel, they may submit advance copies of their applications through the portal with information to the Dean (Faculty), IIT Delhi or submit No Objection Certificate at the time of interview. All experience certificates mentioning designation, pay, and tenure must be duly signed and sealed by the employer.
- H.2. Candidates should submit their valid SC/ST/OBC-NCL/PwBD/EWS certificates, issued by the competent authority in the prescribed format along with the application form in support of their claim. A current OBC-NCL/EWS certificate issued by the appropriate authority be submitted as per the prescribed format of Government of India.
- H.3. The Institute reserves the right to fill or not fill any or all the posts advertised.
- H.4. The invitation to candidate for interview merely indicates that it is felt that he/she with others may be suitable for the post and conveys no assurance whatsoever that he/she will be recommended or selected, or his/her conditions specified in the application will be accepted.
- H.5. The Institute reserves the right to call for interview only those candidates shortlisted on the basis of their qualification, experience, research, publication records, and requirements of individual academic units. Thus, merely fulfilling the minimum eligibility criteria will not vest

any right on any candidate for being called for an interview. The decision of the Institute in all matters will be final.

- H.6. No correspondence whatsoever will be entertained from candidates regarding the reason for not being called for interview/outcome of interview.
- H.7. The Institute may consider candidates whose area of specialization and specific qualification lie outside those stated herein, provided these persons have an outstanding record.
- H.8. Outstation candidates called for personal interview will be reimbursed to & fro 2-Tier AC Railway fare or economy class airfare by the shortest route, between the current place of duty /residence within India and Delhi. If coming from abroad for a personal interview, reimbursement will be limited to Rs.40,000/- (Rupees forty thousand only) or the actual fare whichever is less based on the shortest route to Delhi. Air tickets should be booked through the following agencies.
- a. M/S Balmer Lawrie & Co. Ltd
 - b. M/S Ashoka Travels and Tours
 - c. M/S Indian Railways Catering and Tourism Corporation Ltd.
- H.9. The candidate is responsible for the correctness of the information provided in the application. If it is found later that any information given in the application is incorrect, appointment is liable to be cancelled/terminated.
- H.10. Candidates can get in touch with the Head of the concerned academic unit for additional information.

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Annexure-I for Advertisement No. IITD/2024/PROF-1 Dated 12.01.2024

Institute minimum shortlisting criteria for an Associate Professor (Required as on the last date of application)

- Ph.D. with 6 years' experience (excluding the experience gained while pursuing Ph.D.) of which at least 3 years should be as Assistant Professor Grade I in IIT, NIT or equivalent.
- Applicants should have a good track record of teaching basic and advanced courses. Teaching feedback can be sought for this purpose.
- At least 10 refereed conference/journal papers, of which at least 4 should be in reputed journals, out of which at least 2 should have been published in the last 3 years.
- Completed at least one sponsored R&D or consulting project as a PI, or completed two sponsored R&D or consulting projects as a co-PI.

Institute minimum shortlisting criteria for a Professor (Required as on the last date of application)

- Ph.D. with 10 years' experience (excluding the experience gained while pursuing Ph.D.) of which at least 4 years should be as Associate Professor or equivalent.
- Applicants should have a good track record of teaching basic and advanced courses. Teaching feedback can be sought for this purpose.
- At least 20 refereed conference/journal papers, of which at least 8 should be in reputed journals, out of which at least 3 should have been published in the last 4 years.
- Should have guided independently at least one Ph.D. student, or have guided at least two Ph.D. students jointly with other faculty/researchers.
- Must have completed:
 - a. One sponsored R&D or consulting project as a PI, and
 - b. One additional sponsored R&D or consulting project as a PI, or two additional sponsored R&D or consulting projects as a co-PI.

Additional criteria in academic units for Associate Professor and Professor positions

| S. No | Academic Unit | Associate Professor | Professor |
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| 1 | Department of Applied Mechanics | <p align="center"><u>Areas For Recruitment</u></p> <p>Design engineering including Product Design, Feasibility, and Reliability.</p> <p align="center"><u>Additional Criteria</u></p> <p>Publications: At least 10, of which at least 6 should be in reputed journals, out of which at least 3 in last 3 years.</p> <p>At least 5* publications in journals since moving to the position of Assistant Professor. Out of these publications, at least 03 should be in the last 3 years.</p> <p>*Publications will be counted as follows:</p> <p>a. For a publication with more than two faculty co-authors, if the applicant is the first author or the corresponding author, then he/she gets the full credit (count=01) irrespective of the number of faculty co-authors; otherwise, the applicant will get 0.5 count.</p> <p>b. A granted patent will be treated as one publication for shortlisting. In case, the patent has multiple faculty co-authors, point (a) will be used for counting the count.</p> <p>c. One book (with reputed publishing house) will be counted as 2 journal papers.</p> <p>d. Only SCI/SCIE listed journal publications will be counted for shortlisting.</p> | <p align="center"><u>Areas For Recruitment</u></p> <p>Design engineering including Product Design, Feasibility, and Reliability.</p> <p align="center"><u>Additional Criteria</u></p> <p>Publications: At least 20 refereed conference/ journal papers* (of which at least 10 should be in reputed journals, out of which at least 6 in last 4 years).</p> <p>At least 8* publications in journals of repute since moved to the position of Associate Professor. Out of these publications, at least 6 should be in the last 4 years.</p> <p>*Publications will be counted as follows:</p> <p>a. For a publication with more than two faculty co-authors, if the applicant is the first author or the corresponding author, then he/she gets the full credit (count=01) irrespective of the number of faculty co-authors; otherwise, the applicant will get 0.5 count.</p> <p>b. A granted patent will be treated as one publication for shortlisting. In case, the patent has multiple faculty co-authors, point (a) will be used for counting the count.</p> <p>c. One book (with reputed publishing house) will be counted as 2 journal papers.</p> <p>d. Only SCI/SCIE listed journal publications will be counted for shortlisting.</p> <p>PhD Supervision: At least 3 PhD theses (viva-voce successfully completed), out of which at least 1 thesis has been guided independently. Co-supervised PhD theses (irrespective</p> |

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| | | <p>PhD Supervision: Submission of the Ph.D. thesis of at least 1# supervised student must be complete on the day of shortlisting. Co-supervised PhD theses (irrespective of number of supervisors) will have a count of 0.5.</p> <p>Sponsored Research: Completed at least one externally funded R&D or consulting project as a PI, or completed two externally funded R&D or consulting projects as co-PI (routine testing/ vetting -types consultancy project will not be counted).</p> | <p>of number of supervisors) will have a count of 0.5.</p> <p>Sponsored Research: 1 externally funded R&D or consulting project as PI and 1 additional externally funded R&D or consulting project as a PI, or 2 additional externally funded project as a Co-PI (routine testing/ vetting -types consultancy project will not be counted).</p> |
| 2 | Department of Chemical Engineering | <p style="text-align: center;"><u>Areas For Recruitment</u></p> <p>All areas of Chemical Engineering.</p> <p style="text-align: center;"><u>Additional Criteria</u></p> <p>Publications: At least 10 refereed original research articles (SCI Journals) of which at least 5 papers should be in Journals having impact factor of at least 3.0, out of which at least two papers should be in last three years.</p> | Not Recruiting at this level. |
| 3 | Department of Civil Engineering | <p style="text-align: center;"><u>Areas For Recruitment</u></p> <p><u>Environmental Engineering:</u> Solid and Hazardous Waste Engg., Air Pollution Control Engg., Water and Wastewater Engg., Environmental Systems modelling and environmental impact analysis.</p> <p><u>Materials and Structures:</u> Computational Mechanics, candidates with exceptional credentials in all specializations related to Structural Engineering are also encouraged to apply.</p> <p><u>Construction Management:</u> Construction Management including Project Management, candidates with exceptional credentials in all specializations related to construction/project management are also encouraged to apply.</p> | <p style="text-align: center;"><u>Areas For Recruitment</u></p> <p><u>Environmental Engineering:</u> Solid and Hazardous Waste Engg., Air Pollution Control Engg., Water and Wastewater Engg., Environmental Systems modelling and environmental impact analysis.</p> <p><u>Materials and Structures:</u> Computational Mechanics, candidates with exceptional credentials in all specializations related to Structural Engineering are also encouraged to apply.</p> <p><u>Construction Management:</u> Construction Management including Project Management, candidates with exceptional credentials in all specializations related to construction/project management are also encouraged to apply.</p> |

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| | | <p>Water Resources Engineering: Resources Engg., including remote sensing/GIS, and numerical modelling in hydraulics, hydrology, and groundwater.</p> <p>Additional Criteria</p> <p>Publications: At least 12 refereed conference/ journal papers (of which at least 6 should be in reputed journals, out of which at least 2 in last 3 years).</p> <p>PhD Supervision: Candidates should have guided at least 0.5 PhD Students or 2 additional papers from the work done by the PhD students under his/ her supervision (i.e. total of 8 papers) in reputed journals.</p> <p>Other: Candidates from industry/ research labs (without teaching experience) an additional 4 papers in reputed journals (i.e. total of 12 papers) is required in addition to above. For industry candidates with patents granted, a relaxation on the requirement of minimum number of publications can be given by 1 patent granted = 1 journal paper, if needed.</p> | <p>Water Resources Engineering: Resources Engg., including remote sensing/GIS, and numerical modelling in hydraulics, hydrology, and groundwater.</p> <p>Additional Criteria</p> <p>Publications: At least 24 refereed conference/ journal papers (of which at least 12 should be in reputed journals, out of which at least 4 in last 4 years).</p> <p>PhD Supervision: At least 2 PhD students independently, or 1 independently plus 2 PhD students jointly with other faculty/ researcher.</p> <p>Other: For candidates from industry/ research labs (without teaching experience) an additional 12 papers in reputed journals (i.e. total of 24 journals papers) is required in addition to above. For industry candidates with patents granted, a relaxation on the requirement of minimum number of publications can be given by 1 patent granted= 1 journal paper, if needed.</p> |
| 4 | Department of Computer Science & Engineering | <p>Areas For Recruitment</p> <p>Priority areas for hiring are quantum computing, computational and systems biology, security and cryptography, autonomous intelligent systems, scientific computing, architecture and design automation, formal methods and static analysis, compiler design and optimization, embedded and cyber-physical systems, parallel and distributed computing and systems, networks, databases and data analytics, human computer interaction, collaborative computing and computational</p> | <p>Areas For Recruitment</p> <p>Priority areas for hiring are quantum computing, computational and systems biology, security and cryptography, autonomous intelligent systems, scientific computing, architecture and design automation, formal methods and static analysis, compiler design and optimization, embedded and cyber-physical systems, parallel and distributed computing and systems, networks, databases and data analytics, human computer interaction, collaborative computing and computational neuroscience. Outstanding candidates in other areas of computer science will</p> |

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| | | <p>neuroscience. Outstanding candidates in other areas of computer science will also be considered. Candidates with an interdisciplinary or applied research focus are expected to demonstrate a strong research profile in core computer science areas.</p> <p style="text-align: center;"><u>Additional Criteria</u></p> <p>Publications: Should have published at least 10 papers of which at least 6 papers in reputed journals/ peer- reviewed conferences of which at least 3 should have been in the last 4 years. Should have demonstrated overall quality of research work and its impact and relevance to CSE.</p> | <p>also be considered. Candidates with an interdisciplinary or applied research focus are expected to demonstrate a strong research profile in core computer science areas.</p> <p style="text-align: center;"><u>Additional Criteria</u></p> <p>None.</p> |
| 5 | Department of Design | <p>We are looking for candidates specialising in all areas of Design including Industrial design, Communication design, Interaction design, and other relevant Design domains. Candidates should have an educational background in Design.</p> <p>Experience@: 6 years (Pre +post Ph.D. relevant experience in years) Experience in Previous Post: Minimum 3 years at Assistant Professor level %% Publications: 10 (At least 5 should be research papers). Projects/Consultancy Completed: 1 (As a PI) or 2 (As Co-PI)</p> <p>@Experience gained while pursuing Ph.D. is not considered towards total experience %% Can be waived for applicants applying from Industry/non-academic organizations with at least 6 years of relevant industrial experience and/or design practice.</p> | <p>We are looking for candidates specialising in all areas of Design including Industrial design, Communication design, Interaction design, and other relevant Design domains. Candidates should have an educational background in Design.</p> <p>Experience@: 10 years (Pre +post Ph.D. relevant experience in years). Experience in Previous Post: Minimum 4 years at Associate Professor level. Publications: 20 (At least 10 should be research papers). Projects/Consultancy Completed: 2 (As a PI) or 1 (As PI + 2 as Co-PI) Ph.D. Guidance: 1 (Independently) or 2 (jointly) \$\$</p> <p>@Experience gained while pursuing Ph.D. is not considered towards total experience \$\$ This criteria should be waived for candidates coming from Institutes having no scope for PhD guidance. However their application should show excellence in points C, E & F. <u>Point C:</u> more than 15 years of Design teaching & practice & research experience from top ranking Design Institutes</p> |

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| | | | <p>Point E:</p> <ul style="list-style-type: none"> • 4 additional publications (out of which at least 2 should be research papers) above requirement • Shown outstanding contribution to the Design field through prestigious awards and/or grants and/or participated in prestigious exhibitions and/or participated and/or screening at prestigious festivals at national and international platforms and/or have registered products/granted patents <p>Point F: At least 4 consultancy/sponsored projects of high impact</p> |
| 6 | Department of Electrical Engineering | <p align="center"><u>Areas For Recruitment</u></p> <p>In all areas of Electrical Engineering including Electronics & Circuits, Control & Automation, Communication, Computer Engineering, Power Systems, Power Electronics, Machines & Drives.</p> <p align="center"><u>Additional Criteria</u></p> <p>Publications: At least 12 refereed conference/ journal publications(of which at least 7 publications should be in refereed journals of repute), at least 4 publications in refereed journals of repute in the last 3 years.</p> <p>PhD Supervision: Successful supervision of at least 1 PhD student Singly or jointly. Additional 3 Papers in reputed journals in lieu of 1 PhD guidance singly/ jointly.</p> | <p align="center"><u>Areas For Recruitment</u></p> <p>In all areas of Electrical Engineering including Electronics & Circuits, Control & Automation, Communication, Computer Engineering, Power Systems, Power Electronics, Machines & Drives.</p> <p align="center"><u>Additional Criteria</u></p> <p>Publications: At least 23 refereed conference/ journal publications (of which at least 14 publications should be in refereed journals of repute). At least 5 publications in refereed journals of repute in the last 4 years.</p> <p>Other: Guideline for Short-listing as special cases: In very special cases with otherwise outstanding academic/ industrial/ research contribution, combined experience both at Assistant and Associate Professor levels may be considered.</p> |
| 7 | Department of Humanities and Social Sciences | <p align="center"><u>Areas For Recruitment</u></p> <p>Economics: Microeconomics, Macroeconomics, International Trade, Public Finance and Econometric Theory. Exceptional candidates in other specializations may also apply.</p> <p>Linguistics: Semantics, Phonology, Morphology, Syntax, Language Acquisition, Computational linguistics, Psycholinguistics, Neurolinguistics.</p> | <p align="center"><u>Areas For Recruitment</u></p> <p>Economics: Microeconomics, Macroeconomics, International Trade, Public Finance and Econometric Theory. Exceptional candidates in other specializations may also apply.</p> <p>Linguistics: Semantics, Phonology, Morphology, Syntax, Language Acquisition, Computational linguistics, Psycholinguistics, Neurolinguistics.</p> <p>Philosophy: All sub-disciplines of philosophy, with a special focus on the following areas: ethics, metaphysics,</p> |

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| | | <p>Philosophy: All sub-disciplines of philosophy, with a special focus on the following areas: ethics, metaphysics, history of philosophy, political philosophy, philosophy of law, logic, epistemology, philosophy of mind, environmental philosophy, feminist philosophy, philosophy of culture, philosophy of religion, philosophy of technology, and philosophy of science. Applications are especially welcome from philosophers with access to philosophical texts in non-English languages, and who belong to diverse traditions of philosophy in different parts of the world.</p> <p>Psychology: Social Psychology, Positive Psychology, Cognitive Psychology, Neuropsychology, Computational Psychology; exceptional candidates in other specializations of Psychology may also apply.</p> <p style="text-align: center;"><u>Additional Criteria</u></p> <p>Publications: Detailed criteria for reputed journals (Annexure-III attached).</p> | <p>history of philosophy, political philosophy, philosophy of law, logic, epistemology, philosophy of mind, environmental philosophy, feminist philosophy, philosophy of culture, philosophy of religion, philosophy of technology, and philosophy of science. Applications are especially welcome from philosophers with access to philosophical texts in non-English languages, and who belong to diverse traditions of philosophy in different parts of the world.</p> <p>Psychology: Social Psychology, Positive Psychology, Cognitive Psychology, Neuropsychology, Computational Psychology; exceptional candidates in other specializations of Psychology may also apply.</p> <p style="text-align: center;"><u>Additional Criteria</u></p> <p>Publications: Detailed criteria for reputed journals (Annexure-III attached).</p> |
| 8 | Department of Management Studies | <p style="text-align: center;"><u>Areas For Recruitment</u></p> <p>Micro economics, Macro economics and Econometrics, Simulation Modelling, Probabilistic/Stochastic Modelling, Service Operations, Behavioural Modelling, The Future of Work & Workforce, Normative Ethical and Sustainable Processes, Positive Organizational Psychology, Business Analytics - Big Data / Natural Language Processing / Deep Learning / AI Digital Transformation - IoT / Blockchain / Information Security Management Extended Reality and Digital Platforms, Entrepreneurial Finance, Strategic</p> | <p style="text-align: center;"><u>Areas For Recruitment</u></p> <p>Micro economics, Macro economics and Econometrics, Simulation Modelling, Probabilistic/Stochastic Modelling, Service Operations, Behavioural Modelling, The Future of Work & Workforce, Normative Ethical and Sustainable Processes, Positive Organizational Psychology, Business Analytics - Big Data / Natural Language Processing / Deep Learning / AI Digital Transformation - IoT / Blockchain / Information Security Management Extended Reality and Digital Platforms, Entrepreneurial Finance, Strategic Management, Technology Management, Strategic Innovations,</p> |

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| | | <p>Management, Technology Management, Strategic Innovations, Strategic Entrepreneurship, Marketing Research and Marketing Analytics</p> <p style="text-align: center;"><u>Additional Criteria</u></p> <p>Publications: At least 10 refereed journals papers of which at least 6 should be in reputed* journals during the current position held with at least 3 reputed publications in last 3 years.</p> <p>* Reputed Journals: Any publication in a journal, which meets any one of the four criteria given below, may be counted towards being a publication in a reputed journal:</p> <p>a) Rating of A and above in the most recent ABDC Journal Quality list published by the Australian Business Deans Council. For the list of journals meeting these criteria, the website (http://www.abdc.edu.au) may be referred to.</p> <p>b) Rating of 3 and above in the most recent ranking of the Academic Journal Guide published by Chartered Association of Business Schools. For the list of journals meeting this criterion, the website (https://charteredabs.org) may be referred to.</p> <p>c) Impact Factor of 1.00 and above as provided by Thompson Reuters in the most recent Journal Citation Report, in Science or Social Science Citation Index. For the list of journals meeting this criteria, the website (http://scientific.thomsonreuters.com) may be referred to.</p> <p>d) CiteScore metric of 1.5 and above in the Journal Metrics provided by Scopus Journal Indexing Service. For the list of journals meeting this criteria, the website of Scopus database (https://journalmetrics.scopus.com) may be referred to.</p> | <p>Strategic Entrepreneurship, Marketing Research and Marketing Analytics</p> <p style="text-align: center;"><u>Additional Criteria</u></p> <p>Publications: At least 20 refereed journal papers of which at least 8 should be in reputed* journals during the current position held with at least 4 reputed publications in last 4 years.</p> <p>* Reputed Journals: Any publication in a journal, which meets any one of the four criteria given below, may be counted towards being a publication in a reputed journal:</p> <p>a) Rating of A and above in the most recent ABDC Journal Quality list published by the Australian Business Deans Council. For the list of journals meeting these criteria, the website (http://www.abdc.edu.au) may be referred to.</p> <p>b) Rating of 3 and above in the most recent ranking of the Academic Journal Guide published by Chartered Association of Business Schools. For the list of journals meeting this criterion, the website (https://charteredabs.org) may be referred to.</p> <p>c) Impact Factor of 1.00 and above as provided by Thompson Reuters in the most recent Journal Citation Report, in Science or Social Science Citation Index. For the list of journals meeting this criteria, the website (http://scientific.thomsonreuters.com) may be referred to.</p> <p>d) CiteScore metric of 1.5 and above in the Journal Metrics provided by Scopus Journal Indexing Service. For the list of journals meeting this criteria, the website of Scopus database (https://journalmetrics.scopus.com) may be referred to.</p> <p>PhD Supervision: Should have guided at least 4 PhD students (singly or jointly).</p> <p>Sponsored research: Completed</p> <p>a) One sponsored R&D or consulting project as a PI, and</p> |
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| | | <p>Sponsored research: Completed at least one sponsored R&D or consulting project as a PI, or completed two sponsored R&D or consulting projects as a Co-PI.</p> | <p>b) One more sponsored R&D or consulting project as a PI, or two sponsored R&D or consulting projects as a co-PI.</p> |
| 9 | Department of Mechanical Engineering | <p style="text-align: center;"><u>Areas For Recruitment</u></p> <p>All areas of Design, Production, Thermofluids and Industrial Engineering - Operations Research & Analytics that are aligned with the current and projected research areas of the Department</p> <p style="text-align: center;"><u>Additional Criteria</u></p> <p>Publications: 10 refereed papers of which at least 4 in reputed journals, of which at least 2 in last 3 years.</p> <p>Sponsored Research: Completed at least one sponsored R&D or consulting project as a PI, or completed two sponsored R&D or consulting projects as a co-PI.</p> <p>Other: Demonstrated capability for good teaching.</p> | <p style="text-align: center;"><u>Areas For Recruitment</u></p> <p>All areas of Design, Production, Thermofluids and Industrial Engineering - Operations Research & Analytics that are aligned with the current and projected research areas of the Department</p> <p style="text-align: center;"><u>Additional Criteria</u></p> <p>Publications: 20 refereed papers of which at least 8 in reputed journals of which at least 3 in last 4 years.</p> <p>Sponsored Research: Should have completed:</p> <ol style="list-style-type: none"> a. One sponsored R&D or consulting project as a PI, and b. One more sponsored R&D or consulting project as a PI, or two sponsored R&D or consulting projects as a co-PI. <p>PhD Supervision: Should have guided independently at least one Ph.D. student, or have guided at least two Ph.D. students jointly with other faculty/researchers</p> <p>Other: Demonstrated excellence in teaching.</p> |
| 10 | Department of Textile and Fibre Engineering | <p style="text-align: center;"><u>Areas For Recruitment</u></p> <p>Textile Engineering, Textile Technology, Textile Chemistry, Fibre Science & Technology, and other Engineering and Science (such as Civil, Mechanical, Chemical, Electrical/Electronics, Materials, Polymers, Mathematics, Physics, Chemistry, Biosciences and Management) with demonstrated</p> | <p style="text-align: center;"><u>Areas For Recruitment</u></p> <p>Textile Engineering, Textile Technology, Textile Chemistry, Fibre Science & Technology, and other Engineering and Science (such as Civil, Mechanical, Chemical, Electrical/Electronics, Materials, Polymers, Mathematics, Physics, Chemistry, Biosciences and Management) with demonstrated research experience in areas relevant to textiles and fibres.</p> |

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| | | <p>research experience in areas relevant to textiles and fibres.</p> <p style="text-align: center;"><u>Additional Criteria</u></p> <p>Publications: At least 10 papers in SCI indexed journals papers. Review papers shall not be considered. Out of which at least 3 in last 3 years.</p> <p>Sponsored Research: Should have completed at least 1 sponsored R&D project as PI. Internal candidates should have completed at least 1 sponsored R&D project as PI right from the beginning of the project at IIT Delhi. The value of each project as mentioned above should be at least Rs.8 lakh and funded by an external agency.</p> | <p style="text-align: center;"><u>Additional Criteria</u></p> <p>Publications: At least 20 papers in SCI journal (out of which at least 4 in last 4 years).</p> <p>PhD Supervision: At least 2 PhD candidates independently OR at least 1 PhD candidate independently and at least 2 PhD students jointly right from the beginning. In all the cases, the theses should have been successfully defended.</p> <p>Sponsored Research: At least 2 project as PI OR 1 as PI and 2 as Co-PI. Internal Candidates , 2 as PI OR 1 as PI and 2 as Co-PI right from beginning of the projects at IIT Delhi. Value of Each project at least Rs.8 lakh, funded by an external funding agency.</p> |
| 11 | Centre for Automotive Research and Tribology (CART) | <p style="text-align: center;"><u>Areas For Recruitment</u></p> <p>Vehicular Telematics and Embedded System for EVs, Connected and Autonomous EVs, Vehicle Propulsion, Automotive body design and crash analysis, Automotive Component Design.</p> <p style="text-align: center;"><u>Additional Criteria</u></p> <p>None</p> | <p style="text-align: center;"><u>Areas For Recruitment</u></p> <p>Vehicular Telematics and Embedded System for EVs, Connected and Autonomous EVs, Vehicle Propulsion, Automotive body design and crash analysis, Automotive Component Design.</p> <p style="text-align: center;"><u>Additional Criteria</u></p> <p>None</p> |
| 12 | Centre for Atmospheric Sciences (CAS) | <p style="text-align: center;"><u>Areas For Recruitment</u></p> <p>Modelling and data assimilation in oceanography; Biogeochemical cycles; Weather and climate forecasting; and Meteorological observations. Exceptional candidates in all the other areas of atmospheric and oceanic sciences will also be considered.</p> <p style="text-align: center;"><u>Additional Criteria</u></p> <p>Publications: At least 10 high-quality papers relevant to CAS published in reputed journals with</p> | Not Recruiting at this level. |

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| | | at least 3 papers in the last three years demonstrating excellence in scientific research. | |
| 13 | Centre For Rural Development and Technology (CRDT) | <p style="text-align: center;"><u>Areas For Recruitment</u></p> <p>Rural resource planning and rural amenities; Bioenergy, biofuels and their upgradation; Water resource management in rural areas; Food biochemistry with rural application; Frugal innovation and design for rural communities; Biomass valorisation; Food grain storage, preservation, & storage structure engineering for rural applications; Decentralised wastewater treatment</p> <p style="text-align: center;"><u>Additional Criteria</u></p> <p>Publications: Should have published as corresponding author at least 4 journal papers in SCI journals during the period as Assistant Professor.</p> <p>Sponsored Research: Minimum value of project Rs.20 Lakhs.</p> | <p style="text-align: center;"><u>Areas For Recruitment</u></p> <p>Rural resource planning and rural amenities; Bioenergy, biofuels and their upgradation; Water resource management in rural areas; Food biochemistry with rural application; Frugal innovation and design for rural communities; Biomass valorisation; Food grain storage, preservation, & storage structure engineering for rural applications; Decentralised wastewater treatment</p> <p style="text-align: center;"><u>Additional Criteria</u></p> <p>Publications: Should have as corresponding author at least 5 journal papers since promotion to Associate Professor.</p> <p>PhD Supervision: Since promotion to Associate Professor.</p> <p>Sponsored Research: 1 as PI or 2 as co-PI since promotion to Associate Professor, the min. value of project Rs.20 Lakhs.</p> |
| 14 | Centre For Sensors, Instrumentation and Cyber-Physical System Engineering (SeNSE) | <p style="text-align: center;"><u>Areas For Recruitment</u></p> <p>Sensor design and test methodologies; Sensor integration, automation and embedded systems; Smart sensors with AI; Multi-sensor data fusion; Electronic instrumentation; Sensing and imaging for industrial and biomedical applications; Cyber-physical systems; Optical sensors and LASER based Instrumentation; Systems for sensing, imaging and measurement; Precision optics, precision opto-mechanical machining; Micro/nano fabrication and metrology; Micro-electromechanical systems; Spectroscopy and microscopy; Augmented/virtual reality; Instrumentation for robotic systems,</p> | <p style="text-align: center;"><u>Areas For Recruitment</u></p> <p>Sensor design and test methodologies; Sensor integration, automation and embedded systems; Smart sensors with AI; Multi-sensor data fusion; Electronic instrumentation; Sensing and imaging for industrial and biomedical applications; Cyber-physical systems; Optical sensors and LASER based Instrumentation; Systems for sensing, imaging and measurement; Precision optics, precision opto-mechanical machining; Micro/nano fabrication and metrology; Micro-electromechanical systems; Spectroscopy and microscopy; Augmented/virtual reality; Instrumentation for robotic systems, mechatronics and computer vision; Quantum sensing, devices, technology, and information processing</p> |

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| | | <p>mechatronics and computer vision; Quantum sensing, devices, technology, and information processing</p> <p style="text-align: center;"><u>Additional Criteria</u></p> <p>Publications: At least 15 refereed conference/ journals papers (of which at least 10 should be in reputed journals out of which at least 4 in the last 3 years and 3 should be as a first author).</p> <p>PhD Supervision: Should have guided a minimum of 1 PhD student with a thesis submitted as a single guidance or 2 as a co-supervisor or should have additional two journal publications in the last three years.</p> | <p style="text-align: center;"><u>Additional Criteria</u></p> <p>Publications: At least 25 refereed conference/ journal papers (of which at least 16 should be in reputed journals, out of which at least 5 in the last four years and 3 as a first author).</p> <p>PhD Supervision: At least 2 PhD. Students independently or have guided at least 4 PhD. students jointly with other faculty/ research.</p> <p>Sponsored Research: Total value of the R&D projects as a PI should be at least 50 lakhs.</p> |
| 15 | School Of Artificial Intelligence (ScAI) | <p style="text-align: center;"><u>Areas For Recruitment</u></p> <p>In all areas of artificial intelligence, Subareas of interest include (but are not limited to) deep learning, reinforcement learning, probabilistic models, data mining, information retrieval, multi-agent systems, knowledge representation and reasoning, mathematical foundations of AI, ethics of AI, applied AI such as NLP, computer vision, robotics, AI on the edge, etc., and applications of AI to domain areas such as healthcare, agriculture, education, industry 4.0, etc. ScAI strongly encourages applicants with demonstrated track-record of working at the intersection of an application area and the AI fields.</p> <p style="text-align: center;"><u>Additional Criteria</u></p> <p>Publications: Candidate is required to fulfil a minimum requirement of 10 papers in the indexed journal/conferences. At least 4 of these papers should be in reputed venues, and at least 2 out of</p> | <p style="text-align: center;"><u>Areas For Recruitment</u></p> <p>In all areas of artificial intelligence, Subareas of interest include (but are not limited to) deep learning, reinforcement learning, probabilistic models, data mining, information retrieval, multi-agent systems, knowledge representation and reasoning, mathematical foundations of AI, ethics of AI, applied AI such as NLP, computer vision, robotics, AI on the edge, etc., and applications of AI to domain areas such as healthcare, agriculture, education, industry 4.0, etc. ScAI strongly encourages applicants with demonstrated track-record of working at the intersection of an application area and the AI fields.</p> <p style="text-align: center;"><u>Additional Criteria</u></p> <p>Publications: Candidate is required to fulfil a minimum requirement of 20 papers in the indexed journal/conferences. At least 8 of these papers should be in reputed venues, and at least 3 out of these four should have been published during the last 4 years period. The candidate should have demonstrated overall quality of research work, and its impact and relevance for AI.</p> |

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| | | these four should have been published during the last 3 years period. The candidate should have demonstrated overall quality of research work, and its impact and relevance for AI. | |
| 16 | School of Public Policy (SoPP) | <p style="text-align: center;"><u>Areas For Recruitment</u></p> <p>The applicants must have a demonstrated track record of research in the area of public policy with a broad focus on Science, Technology & Innovation (STI) and Development, and expertise in one or more of the specific areas of (1) Energy & Environment (2) Health innovations & systems (3) Sustainable Habitats (4) Agriculture, Food & Water (5) Industry & Economy (6) Internet, Digital Information & Society (7) Innovation Systems & Processes, and (8) Technical Higher Education.</p> <p style="text-align: center;"><u>Additional Criteria</u></p> <p>Publications: At least 10 S&T-policy-oriented papers, in journals or published peer-reviewed conferences (or equivalent in terms of authored books or book chapters), of which at least 5 should be in reputed venues with at least 2 in the last 3 years.</p> | <p style="text-align: center;"><u>Areas For Recruitment</u></p> <p>The applicants must have a demonstrated track record of research in the area of public policy with a broad focus on Science, Technology & Innovation (STI) and Development, and expertise in one or more of the specific areas of (1) Energy & Environment (2) Health innovations & systems (3) Sustainable Habitats (4) Agriculture, Food & Water (5) Industry & Economy (6) Internet, Digital Information & Society (7) Innovation Systems & Processes, and (8) Technical Higher Education.</p> <p style="text-align: center;"><u>Additional Criteria</u></p> <p>Publications: At least 20 S&T-policy-oriented papers, in journals or published peer-reviewed conferences (or equivalent in terms of authored books or book chapters), of which at least 10 should be in reputed venues with at least 3 in the last 4 years.</p> |

Annexure-II

INDIAN INSTITUTE OF TECHNOLOGY DELHI
HAUZ KHAS, NEW DELHI - 110 016
 (Establishment I Section)

संख्या/ No. IITD/IESI/2023/190571

दिनांक/ Dated: 20.09.2023

Subject: Eligibility of the Persons with Benchmark Disabilities (PwBD) for recruitment at IIT Delhi for different Academic positions: regd

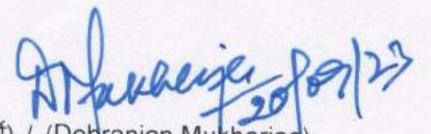
A committee was constituted titled "Committee for recruitment issues related to Persons with Benchmark Disabilities (PwBD)" with a mandate to identify faulty positions that can be held by Persons with Benchmark Disabilities (PwBD). The committee submitted its recommendations for the consideration of the Board of Governors (BoG). The Board of Governors (BoG) in its meeting dated 11.08.2023 approved the recommendations of the committee vide resolution number **BG/04/2023**.

The following policy points are approved by the Board of Governors (BoG):

1. Only such persons will be eligible for reservation in service who suffer from not less than 40% of relevant disability duly certified by the Competent Medical Board.
2. As per the Government of India (GoI) rules, in case of direct recruitment, four (04) percent of the total vacancies are to be filled up by direct recruitment in the cadre strength in each group of posts, i.e., Groups A, B, C and D, shall be reserved horizontally for persons with benchmark disabilities.
3. An institute-level reservation will be applicable for PwBDs. No separate academic unit-wise roster will be prepared.
4. The selection committee may take the final call on the ability of the PwBD candidate to undertake research and teaching assignments at IIT Delhi based on their disability as stated in the following table:

| Designation | Physical Requirement | Category | Nature of work to be performed | Working condition |
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| Professor, Associate Professor, Assistant Professor and other non-teaching Academic positions. | S (Sitting), SE (Seeing), W (Walking), BN (Bending), MF (Manipulation with fingers) | (a) B (Blind) LV (Low Vision) (b) D (Deaf) HH (Hard of Hearing) (c) OA (One Arm), BA (Both Arms), OL (One Leg), BL (Both Leg), OAL (One Arm and One Leg), LC (Leprosy Cured), Dw (Dwarfism), AAV (Acid Attack Victims) (d) ASD (Autism Spectrum Disorder (M=Mild), SLD (Specific Learning Disability), MI (Mental Illness) (e) MD (Multiple Disabilities) involving (a) to (d) above | They teach UG/PG students under Science/Engineering/ Humanities and Social Science Management/ Policy and Design. They conduct research and guide research work. They deliver lectures and conduct seminars & workshops, set examination papers and evaluate answer books. Maintain class registers and records. | The work is performed mostly inside. The work places are well lighted and assessable. Incumbent needs to be considered with appropriate software and aids & appliances. |

The above guidelines are forwarded for necessary information.


 (देबरंजन मुखर्जी) / (Debranjana Mukherjee)
 उप कुलसचिव (स्था.- I) / Deputy Registrar (Estt.-I)

To: Heads of all academic units

Copy: DR Director's Office
 Dean (Faculty)

1. Publications – The following types of publications will be counted as acceptable articles:

A. Authored Publications

- a) Journal article (not including book reviews)
- b) Book chapter in a contributory volume / edited book (equivalent to 1 publication)
- c) Authored book / monograph (equivalent to 5 publications).
- d) Co-Authored book is equivalent to 2.5 publications.
- e) Thesis converted to book same as (c) = 5 publications
- f) Review essay (Equivalent to 0.5 publications).

B. Publication of Scholarly contributory volumes (Edited books or journal special issue)

- a) Edited book / journal special issue (equivalent to 2.5 publications)
- b) Co-Edited book / journal special issue (equivalent to 1 publication)

C. Publications of Scholarly translations (for Literature)

- a) Translated article in a journal / anthology (equivalent to 0.5 publications)
- b) Translated book (equivalent to 3 publications)

D. Publications of Field reports (for Linguistics)

- a) Book Chapter /journal article (equivalent to 1 publication)
- b) Monograph (equivalent to 3 publications)

INSTITUTE OF TECHNOLOGY DELHI
HUMANITIES AND SOCIAL SCIENCES

E. Peer-reviewed conference proceedings

Based on a selection process, peer-reviewed, retrievable from a published (online/print) archive, one conference proceeding will be counted as 1 publication.

For Linguistics a list of conference proceedings has already been accepted.

2. **Reputed Publications** – Journals and books published by any of the following (this list is not exhaustive):

A. The university presses in India, USA, UK, Europe, Australia....., also including EPW (only special articles)

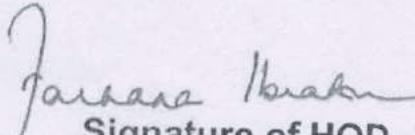
B. publishers such as: Taylor and Francis, Sage Bloomsbury, De Gruyter, Polity, Verso, Humanities press, Orient Blackswan, Permanent Black, Navayana, Springer, Wiley, Macmillan, Palgrave, Yoda, Equinox, Elsevier, Rowman and Littlefield, Pearson

C. **Rating of A and above** in the recent ABDC Journal Quality list published by the Australian Business Deans Council. For the list of journals meeting these criteria, please refer to <http://www.abdc.edu.au>.

D. **Rating of 3 and above** in the recent ranking of Academic Journal Guide published by Chartered Association of Business Schools. For the list of journals meeting this criterion, please refer to <https://charteredabs.org>.

E. **CiteScore metric of 1 and above** in the Journal Metrics provided by Scopus Journal Indexing Service. For the list of journals meeting this criterion, please refer to the website of the Scopus database <https://www.scopus.com/sources.uri>

F. **SCImago Journal Rank Indicator of Q2 and above** provided by Scimago Journal Rank. For the list of journals meeting this criterion, please refer to the website of the Scimago database <https://www.scimagojr.com>


Signature of HOD

22/3/23