



J. C. Bose University of Science and Technology, YMCA, Faridabad

(formerly YMCA University of Science and Technology)

A State Govt. University established vide State Legislative Act. No. 21 of 2009

SECTOR-6, FARIDABAD, HARYANA-121006

Ph: 0129-2310158, 2242143 (Fax) Email: recruitmentjcbosest@gmail.com web: www.jcboseust.ac.in

Advt. No: 03/2022

Applications on the prescribed form are invited for the following regular aided teaching posts on direct recruitment basis by 06.01.2023

Sr.	Department	Professor	Associate Professor
1	Mechanical Engineering	--	01 (BC-A)
2	Electrical Engineering	01 (SC)	--
3	Electronics & Instrumentation Control	01 (UR)	01 (UR)
4	Environmental Science	01 (SC)	--
5	Civil Engg	01 (UR)	01 (ESM-GEN)
6	Life Sciences	Bio-Technology	01 (EWS)
		Microbiology	--
7	Mathematics	--	01 (UR)

General Conditions:

The detailed information about qualifications & experience can be downloaded from the University website www.jcboseust.ac.in. Applicants are advised to apply through offline mode in the application form for teaching posts available on the University website. The signed copy of application form along-with all supporting self-attested documents should reach at the following address by 06.01.2023 - "The Deputy Registrar (Estb.), J. C. Bose University of Science & Technology, YMCA, Sector-6, Mathura Road, Faridabad Haryana-121006".

The Application fee is Rs. 1000/- (Rs. 250/- for SC) and Rs. 500/- for female candidates of Haryana. The University reserves the right to increase/decrease the number of posts or it may not fill any of the posts advertised. Age Limit: Maximum 55 years. The candidates who are already in service have to submit their application through proper channel or they are required to submit NOC from their present employer at the time of Documents Verification/Interview, otherwise their candidature will not be entertained.

REGISTRAR



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Eligibility conditions including qualifications/experience etc. for various posts advertised vide Advt. No. 03/2022

1. Professor (Engineering & Technology): Electrical Engineering, Electronics and Instrumentation Control, Civil Engineering.

Pay Band-Rs. 37,400-67,000+AGP Rs.10,000 (pre-revised), Academic level-14 (revised).

Eligibility:

a. Ph. D. degree in relevant field and First class or equivalent at either Bachelor's or Master's level in the relevant branch.

AND

b. Minimum of 10 years of experience in teaching / research / industry out of which at least 3 years shall be at a post equivalent to that of an Associate Professor.

AND

c. At least 6 research publications at the level of Associate Professor in SCI journals / UGC / AICTE approved list of journals and at least 2 successful Ph.D. guided as Supervisor / Co-supervisor.

OR

At least 10 research publications at the level of Associate Professor in SCI journals / UGC / AICTE approved list of journals.

Desirable areas of Specialization: -

Department	Desirable areas of Specialization
Electrical Engineering	<ul style="list-style-type: none">• Power Electronics• Electrical Drives• Renewal Energy• Electric Vehicles
Electronics & Instrumentation Control	<ul style="list-style-type: none">• Embedded systems/ IoT• Microelectronics/ VLSI Architecture• Analog and Digital Communication/ Wireless/ Optical Communications• Biomedical Signal processing/ Instrumentation
Civil Engineering	<ul style="list-style-type: none">• Construction Management• Structural Engineering• Geotechnical Engineering• Transportation Engineering• Environmental Engineering• Hydraulics Engineering



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2. Associate Professor (Engineering & Technology): Mechanical Engineering, Electronics and Instrumentation Control, Civil Engineering.

Pay Band-Rs. 37,400-67,000 + AGP Rs.9,000 (pre revised), Academic level-13A (revised)

Eligibility:

a. Ph.D. degree in the relevant field and First class or equivalent at either Bachelor's or Master's level in the relevant branch

AND

b. At least total 6 research publications in SCI journals / UGC / AICTE approved list of journals.

AND

c. Minimum of 8 years of experience in teaching / research / industry out of which at least 2 years shall be Post Ph.D. experience.

Desirable areas of Specialization: -

Department	Desirable areas of Specialization
Mechanical Engineering	<ul style="list-style-type: none">• Robotics• 3-D Printing• Industry 4.0
Electronics & Instrumentation Control	<ul style="list-style-type: none">• Embedded systems/ IoT• Microelectronics/ VLSI Architecture• Analog and Digital Communication/ Wireless/ Optical Communications• Biomedical Signal processing/ Instrumentation
Civil Engineering	<ul style="list-style-type: none">• Construction Management• Structural Engineering• Geotechnical Engineering• Transportation Engineering• Environmental Engineering• Hydraulics Engineering



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3. Professor (Sciences): Bio-Technology and Environmental Science

Pay Band-Rs. 37,400-67,000+AGP Rs.10,000 (pre revised), Academic level-14 (revised)

Eligibility (A or B):

A.

i) An eminent scholar having a Ph.D. degree in the concerned/allied/relevant discipline, and published work of high quality, actively engaged in research with evidence of published work with a minimum of 10 research publications in the peer-reviewed or UGC-listed journals and a total research score of 120 as per the criteria given in the Table at Annexure-I.

ii) A minimum of ten years of teaching experience in university/college as Assistant Professor/Associate Professor/Professor, and / or research experience at equivalent level at the University/National Level Institutions with evidence of having successfully guided doctoral candidate.

OR

B. An outstanding professional, having a Ph.D. degree in the relevant/allied/applied disciplines, from any academic institutions (not included in A above) / industry, who has made significant contribution to the knowledge in the concerned/allied/relevant discipline, supported by documentary evidence provided he/she has ten years' experience.

Desirable areas of Specialization:

Department	Desirable areas of Specialization
Environmental Science	Environmental Management/ Renewable Energy/ Remote Sensing and GIS/ Environmental Impact Assessment/ Climate Change Mitigation

4. Associate Professor (Sciences) – Bio-Technology, Microbiology, Mathematics

Pay Band-Rs.37,400-67,000+AGP Rs.9,000 (pre-revised), Academic Level-13A (revised)

Eligibility:

i) A good academic record, with a Ph.D. Degree in the concerned/allied/relevant disciplines.

ii) A Master's Degree with at least 55% marks (or an equivalent grade in a point-scale, wherever the grading system is followed).

iii) A minimum of eight years of experience of teaching and / or research in an academic/research position equivalent to that of Assistant Professor in a University, College or Accredited Research Institution/industry with a minimum of seven publications in the peer-reviewed or UGC-listed journals and a total research score of Seventy five (75) as per the criteria given in the Table at Annexure-I.



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Desirable areas of Specialization:

Department	Desirable areas of Specialization
Biotechnology	Genetics/ Plant Biotechnology/ Animal Biotechnology/ Bioinformatics
Microbiology	Medical microbiology/ Agriculture Microbiology/ Environmental Microbiology
Mathematics	Pure or Applied Mathematics

GENERAL NOTE:

1. The Candidate must be a citizen of India.
2. Good knowledge of Computer Applications (Word processor, Spread sheet, presentations, software etc.) will be a distinct plus.
3. The required qualifications and relevant experience etc. for eligibility shall be determined as on the last date of receipt of application. The eligibility conditions including qualifications/experience etc mentioned in this advertisement are subject to any modification/amendment as may be issued form the UGC/State Govt. till the time of scheduling the Interview for the said posts. Any such modification/ amendment, if issued during such time, will be displayed on University website and implemented accordingly.
4. The candidates are advised to mention the category in the application on which they are applying. The candidates seeking reservation under any reserved category are required to submit the requisite certificate issued by the Competent Authority from Parental side only. In case of women candidates, Certificate from in-laws (Husband side) will not be entertained.
 - i) The candidates of reserved categories of Haryana for which no post is available/reserved, can apply for the posts of General Category, if he/she fulfil all the eligibility conditions i.e. age, qualification etc. as meant for General Category candidates except fees and also attach copy of the caste certificate for claiming fees concession.
 - ii) The relaxation of 5% is admissible for SC category in the eligibility condition of minimum percentage of marks.
 - iii) The reserved category candidates belonging to other states will compete against the posts meant for General Category and will be considered as General Category candidates.
 - iv) The benefits of reservation to the applicants belonging to Backward Class Category is to be considered strictly as per the provisions of Haryana Backward Class (Reservation in Services and Admission in Educational Institutions) Act, 2016 and latest State Govt. instructions. The applicants who have claimed such reservation are required to produce the requisite certificate along with latest



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Income Certificate issued from the Competent Authority as defined vide State Govt. Notification No. 1389-SW-(1)-206 dated 18.11.2016. The applicants failing to adhere the same will be considered against Unreserved Category posts only.

- v) The candidates who have claimed reservation under EWS category are required to produce the requisite certificate along with latest Income certificate issued from the Competent Authority as defined vide State Govt. notification issued from time to time.
- 5. Maximum age for applying for the teaching posts is 55 years. No Age relaxation is admissible for teaching posts.
- 6. All qualifications must be from recognized Board/Universities/Institutes. The Candidates who have obtained qualifications from any Board/ University/Institution declared fake or not recognized by respective regulatory bodies shall not be eligible for consideration for any of the post advertised. Qualifications obtained through distance mode are not admissible for teaching posts.

*If a class/division is not awarded, 60% marks & above in aggregate shall be considered equivalent to first class/ division & 50% & above equivalent to second division. If a Grade Point System is adopted the CGPA will be converted into equivalent marks as specified by respective University/Institution.

- 7. The University may assess the ability for teaching and/or research aptitude through a seminar or lecture in a class room situation or discussion on the capacity to use latest technology in teaching and research at the Interview stage.
- 8. The candidates have to produce the experience certificates mentioning the pay scale/band, along with valid salary slip/Form-16/PF-ESI details etc. to claim the benefit of experience mentioned therein.
- 9. The vacancies shown in advertisement are indicative and may increase or decrease on the basis of resultant vacancies available at the time of selection or at the discretion of the University. The University reserves the right not to fill-in any of the posts advertised.
- 10. No TA/DA is payable for attending the interview.
- 11. The filled Application form duly completed in all respect along with self-attested copies of supporting documents/ testimonials and Demand Draft of Rs. 1,000/- (Rs. 250/- for SC/ST) and Rs. 500/- for female candidates of Haryana in favour of Registrar, J.C.Bose University of Science & Technology, YMCA, Faridabad payable at Faridabad should be sent to the Deputy Registrar (Estb), J. C. Bose University of Science & Technology, YMCA, Sector-6 Faridabad-121006 by Speed Post on or before 06.01.2023 up to 5:00 PM.
- 12. No application will be received through e-mail/fax. The University would not be responsible for any postal delay. The Candidates must mention the documents



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attached with application form with page numbers. Additional sheets may be used, if so required, to provide the information.

13. Incomplete applications or those received after the last date for any reasons including postal delay will not be entertained and shall be summarily rejected. In case, the candidates fail to attach self attested copies of testimonials, their application would not be considered.
14. Concealment of facts or supply of wrong information will result in cancellation of candidature at any time in addition to legal action.
15. The candidates, who are in employment should send their applications through proper channel, or submit No Objection Certificate (NOC) from their present employer at the time of document verification/interview, otherwise their candidature will not be entertained.
16. The Candidates are advised to keep on visiting the website of the University for related updates including any corrigendum/addendum, date of test/interview, list of shortlisted candidates etc. Further, no information in respect of this advertisement shall be published in the newspaper.
17. No correspondence what so ever will be entertained from the candidates regarding conduct/ result of Interview and the reason for not being called for Interview.
18. Candidates are advised to satisfy themselves before applying that they possess at least the minimum essential qualifications laid down for each post, in this advertisement.
19. Candidates are required to mention a valid personal active Email ID in the application form as all the information regarding the recruitment process will be sent on the same Email ID throughout the process.
20. Any changes/ corrigendum/ amendments/ updation/ cancellation notice related to the recruitment process shall be published on official website of this University (www.jcboseust.ac.in) only and not in the newspapers. Therefore, candidates are advised to visit the University Website regularly.
21. In case of any inadvertent mistake in the process of selection which may be detected at any stage even after the issue of appointment letter, the University reserves the right to modify/withdraw/cancel any communication made to the candidates. In case of any dispute arising out of such a situation, the decision of the University shall be final and binding on the applicant.
22. Candidates must attach the first page of all publications listed in online application, failing which such publications will not be considered for calculation of API score, and the candidate may not be called for interview due to lack of the minimum API score as per the norms. Candidates are required to bring hard copies of all publications along with a hard copy of the application form at the time of interview.



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23. The proof of peer reviewed journal status, impact factor, authorship claim etc. should be provided with a valid document, failing which points will not be allotted as per the claim.
24. In case the applicant gets screened/ shortlisted/ selected/ appointed based on the credentials furnished by applicant which are, on scrutiny, found to be incorrect/ inadmissible/ forged/ fabricated/ falsified, applicant's candidature shall be liable to be cancelled at any stage of the recruitment/at any time during the tenure of the service and appropriate legal action under applicable law shall be initiated against the applicant. The University shall verify the antecedents or documents submitted by a candidate at any time at the time of appointment or during the tenure of the service. In case, it is detected that the documents submitted by the candidates are fake or the candidate has a clandestine antecedents/background and has suppressed the said information, then his services shall be terminated.

REGISTRAR

**Annexure-I****Methodology for University Teachers for calculating Academic/ Research Score**

(Assessment must be based on evidence produced by the teacher such as: copy of publications, project sanction letter, utilization and completion certificate issued by the University and acknowledgements for patent filing and approval letters, students' Ph.D. award letter etc.,.)

S.N	Academic/ Research Activity	Faculty of Sciences	Faculty of Arts/Humanities /Languages/ Social Sciences / Commerce/ Management & other related disciplines
1.	Research Papers in Peer-Reviewed or UGC listed Journals	08 per paper	10 per paper
2.	Publications (other than Research papers) (a)Books authored which are published by; International publishers National Publishers Chapter in Edited Book Editor of Book by International Publisher Editor of Book by National Publisher	12 10 05 10 08	12 10 05 10 08
	(b) Translation works in Indian and Foreign Languages by qualified faculties	03 per Chapter or Research paper/ 08 per Book	
3.	Creation of ICT mediated Teaching Learning pedagogy and content and development of new and innovative courses and curricula (a)Development of Innovative pedagogy (b) Design of new curricula and courses (c) MOOCs Development of complete MOOCs in 4 quadrants (4 credit course)(In case of MOOCs of lesser credits 5 marks/ credit) MOOCs (developed in 4 quadrant) per module/ lecture Content writer/ subject matter expert for each module of MOOCs (at least one quadrant) Course Coordinator for MOOCs (4 credit course)(In case of MOOCs of lesser credits 2 marks/ credit) (d) E-Content Development of e-Content in 4 quadrants for a complete course/ e-book e-Content (developed in 4 quadrants) per module Contribution to development of e-content module in complete course/ paper/e-book(at least one quadrant) Editor of e-content for complete course/ paper/ e-book	05 02 per curricula/ course 20 05 02 08 12 05 02 10	05 02 05 02 08 12 05 02 10



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4	(a) Research Guidance	Ph.D	10 per degree awarded/ 05 per thesis submitted	
		M.Phil/PG dissertation	02 per degree awarded	
	(b) Research Projects Completed:	More than 10 lakhs	10	10
		Less than 10 lakhs	05	05
	(c) Research Projects Ongoing :	More than 10 lakhs	05	05
		Less than 10 lakhs	02	02
	(d) Consultancy		03	03
5	(a) Patents	International	10	10
		National	07	07
	(b)*Policy Document (Submitted to an International body/organisation like UNO/ UNESCO / World Bank/ International Monetary Fund etc. or Central Government or State Government)	International	10	10
		National	07	07
		State	04	04
	(c) Awards/ Fellowship	International	07	07
		National	05	05
6	*Invited lectures/ Resource Person/ paper presentation in Seminars/ Conferences/full paper in Conference Proceedings (Paper presented in Seminars/ Conferences and also published as full paper in conference Proceedings will be counted only once)			
		International (Abroad)	07	07
		International (within country)	05	05
		National	03	03
		State/University	02	02

The Research score for research papers would be augmented as follows:

Peer-Reviewed or UGC- listed Journals (Impact factor to be determined as per Thomson Reuters list):

- i) Paper in refereed journals without impact factor - 05 Points
- ii) Paper with impact factor less than 1 - 10 Points
- iii) Paper with impact factor between 1 and 2 - 15 Points
- iv) Paper with impact factor between 2 and 5 - 20 Points
- v) Paper with impact factor between 5 and 10 - 25 Points
- vi) Paper with impact factor > 10 - 30 Points

(a) Two authors: 70% of total value of publication for each author.

(b) More than two authors: 70% of total value of publication for the First/Principal/Corresponding author and 30% of total value of publication for each of the joint authors.

Joint Projects: Principal Investigator and Co-investigator would get 50% each.



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Notes:

- Paper presented if part of edited book or proceeding then it can be claimed only once.
- For joint supervision of research students, the formula shall be 70% of the total score for Supervisor and Co-supervisor. Supervisor and Co-supervisor, both shall get 7 marks each.
- *For the purpose of calculating research score of the teacher, the combined research score from the categories of 5(b). Policy Document and 6. Invited lectures/Resource Person/Paper presentation shall have an upper capping of thirty percent of the total research score of the teacher concerned.
- The research score shall be from the minimum of three categories out of six categories.

(The Applicants are advised to provide complete information requisite to calculate the score as per above mentioned table, along with all supporting documents, failing which the respective score will not be considered.)