



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:0129-2310112, 2242143 (Fax) Email: coe@ymcaust.ac.in web: www.ymcaust.ac.in



GOLDEN JUBILEE YEAR
(1969-2019)

Advt. No: 02/2019

Applications on the prescribed form are invited for the following teaching posts on direct recruitment/ deputation basis by 04/02/2019.

Associate Professor (Aided)		No. of Posts
1	Chemistry	01, UR
2	Environment Science	01, UR
Assistant Professor (Aided)		
1	Civil Engg.	04, UR-3, SC-1
2	Physics	04, UR-3, SC-1
3	Chemistry	04, UR-3, SC-1
4	Mathematics	04, UR-3, SC-1
5	Environment Science	04, UR-3, SC-1

UR (Unreserved), SC (Scheduled Caste),

General Conditions:

Application form including Information about qualifications & experience can be downloaded from the University website www.ymcaust.ac.in. The downloaded form must be accompanied by Demand Draft of Rs. 1000/- (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. The University reserves the right to increase/decrease the number of posts or it may not fill any of the posts advertised without assigning any reason. The posts may also be filled-up on deputation. 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.

Dy. Registrar (Estb)



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Information sheet containing details of qualifications/experience with particulars of the posts advertised vide Advt. No-2/2019

The erstwhile YMCA Institute of Engineering, Faridabad has been upgraded to University by the State Legislative Act No.21 of 2009, passed by the State Legislative Assembly and published vide Notification No. Leg. 29/2009 dated 16.9.2009 and notified by the Technical Education Department vide Memo dated 30.11.2009. Recently, it is renamed as J. C. Bose University of Science & Technology, YMCA, Faridabad. The University offers B.Tech/M.Tech and various other UG/PG courses including PhD in the following areas of specializations:

- A. B.Tech Courses (Aided): B.Tech. in Mechanical Engineering, Electronics Instrumentation & Control, Electrical Engg., Civil Engg. and Computer Engg.
- B. B.Tech/M.Tech Courses (Self-financing)
 - a) B.Tech. in Information Technology & Electronics & Communication Engg.
 - b) M.Tech in Computer Engg., Information Technology, Manufacturing Tech. & Automation Engg., Power System & Drives, Electronics & Instrumentation, Networking, Electronics & Communication, VLSI Design
 - c) Master of Computer Applications (MCA)/ Bachelor of Computer Application (BCA)
 - d) Master of Business Administration (MBA)
 - e) M.Sc./B.Sc (Hons.) in Physics, Mathematics, Chemistry, M.A- Journalism & Mass Communication, Environmental Studies & B.Sc in Animation & Multimedia.
- C. Ph.D programme in different areas



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Eligibility conditions including qualifications/experience etc. for various posts advertised vide Advt. No. 2/2019

1. **Assistant Professor (Sciences):** Physics, Chemistry, Environment Science & Mathematics

Pay Band- Rs. 15600-39100 + AGP 6000 (pre revised) Academic level - 10 (revised)

Eligibility (A or B):

- A. i) A Master's degree with 55% marks (or an equivalent grade in a point-scale wherever the grading system is followed) in a concerned/relevant/allied subject from an Indian University, or an equivalent degree from an accredited foreign university.
- ii) Besides fulfilling the above qualifications, the candidate must have cleared the National Eligibility Test (NET) conducted by the UGC or the CSIR, or a similar test accredited by the UGC, like SLET/SET or who are or have been awarded a Ph. D. Degree in accordance with the University Grants Commission (Minimum Standards and Procedure for Award of M.Phil/Ph.D. Degree) Regulations, 2009 or 2016 and their amendments from time to time as the case may be exempted from NET/SLET/SET :

Provided, the candidates registered for the Ph.D. programme prior to July 11, 2009, shall be governed by the provisions of the then existing Ordinances/Bye-laws/Regulations of the Institution awarding the degree and such Ph.D. candidates shall be exempted from the requirement of NET/SLET/SET for recruitment and appointment of Assistant Professor or equivalent positions in Universities/Colleges/Institutions subject to the fulfillment of the following conditions:-

- The Ph.D. degree of the candidate has been awarded in a regular mode;
- The Ph.D. thesis has been evaluated by at least two external examiners;
- An open Ph.D. viva voce of the candidate has been conducted;
- The Candidate has published two research papers from his/her Ph.D. work, out of which at least one is in a refereed journal;
- The candidate has presented at least two papers based on his/her Ph.D work in conferences/seminars sponsored/funded/supported by the UGC / ICSSR/ CSIR or any similar agency.

The fulfillment of these conditions is to be certified by the Registrar or the Dean (Academic Affairs) of the University concerned.

Note: NET/SLET/SET shall also not be required for such Masters Programmes in disciplines for which NET/SLET/SET is not conducted by the UGC, CSIR or similar test accredited by the UGC, like SLET/SET.

OR



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B. The Ph.D degree has been obtained from a foreign University/Institution with a ranking among top 500 in the World University Ranking (at any time) by any one of the following: (i) Quacquarelli Symonds (QS) (ii) the Times Higher Education (THE) or (iii) the Academic Ranking of World Universities (ARWU) of the Shanghai Jiao Tong University (Shanghai).

2. Associate Professor (Sciences) – Chemistry & Environment Science

Pay Band- Rs. 37400-67000 + AGP 9000 (pre revised) Academic Level - 13A (revised)

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 Table at Annexure-II.

Areas of Specialization:

Subject	Preferred Areas of Specialization
Physics	Experimental Physics, Theoretical Physics, Solid State Physics, Electronics, Nuclear Physics, Spectroscopy, Laser Technology, Radiation
Chemistry	Inorganic, Organic & Physical Chemistry
Mathematics	Pure Mathematics, Applied Mathematics
Environment Science	Waste Management, Environmental Bio-Technology, GIS and Remote Sensing

3. Assistant Professor (Engg. & Tech.) – Civil Engineering

Pay Band- Rs. 15600-39100 + AGP 6000 (pre revised) Academic Level -10 (revised)

Eligibility:

i) **Essential:** First class Master's degree in the appropriate branch of Engineering and Technology.

ii) Without prejudice to above, the following conditions may be considered desirable:

1. Teaching, research industrial and/ or professional experience in a reputed organization
2. Paper presented at Conferences and/or in refereed journals.

Areas of Specialization: Structural Engg., Geotechnical Engg., Transportation Engg., Water resource Engg., Surveying, Environmental Engg.



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GENERAL NOTE:

1. The Candidate must be 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 fulfill all the eligibility conditions i.e. age, qualification etc. as meant for General Category candidates except fees and also attached 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.
5. Maximum age for 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.



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*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 prescribed essential qualifications and experience indicated are bare minimum and mere possession of the same will not entitle any candidate to be called for interview. The applications will be short-listed on the basis of the Criteria adopted on the basis of UGC recommendations vide its gazette notification dated 18th July 2018. This criteria is enclosed herewith at Annexure-I. The Candidates are advised to provide relevant information along with documentary evidences.
8. The University reserves the right to conduct any kind of written and/ or skill test, as deemed appropriate by the Competent Authority, for any/ all posts advertised and only those who qualify the said test (s) will be considered for further process of selection. Qualifying score in such test(s) is fixed at 40% (38% for SC category post).
9. 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.
10. 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.
11. 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 without assigning any reason.
12. No TA/DA is payable for attending the interview.
13. Applications on prescribed form duly completed in all respects along with self attested copies of testimonials and Demand Draft of Rs. 1000/- (Rs. 250/- for SC/ST) & 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 Establishment Branch, J.C. Bose University of Science & Technology, YMCA, Sector-6 Faridabad-121006 by speed Post on or before 04.02.2019 up to 5.00 PM.
14. 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.

15. 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.
16. Concealment of facts or supply of wrong information will result in cancellation of candidature at any time in addition to legal action.
17. The candidates, who are in employment should send their applications through proper channel, or submit No Objection Certificate from their present employer at the time of document verification/interview, otherwise their candidature will not be entertained.
18. The appointments on deputation basis shall be for a period of one year extendable further on requirement basis. These appointments shall be on the usual terms and conditions of deputation.
19. 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.
20. 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.

Dy. Registrar (Estb)



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Annexure-I

Criteria for Short-listing of Candidates for Interview for Assistant Professors:

Sr.	Academic Record		Score		
	1	Graduation	80% & Above =15	60% to less than 80% = 10	55% to less than 60%= 13
2	Post-Graduation	80% & Above =25	60% to less than 80% = 23	55% (50% for SC/ST/OBC non- creamy layer/PWD) to less than 60% = 20	
3	M.Phil	60% & above = 07		55% to less than 60%= 05	
4	Ph.D	30			
5	NET with JRF	07	NET- 05	SLET/SET- 03	
6	Research Publications (2 marks for each research publications published in Peer-Reviewed or UGC-listed Journals)				10
7	Teaching/ Post Doctoral Experience (2 marks for one year each)				10
8	Awards				
	International/ National Level (Awards given by International Organizations/ Government of India/ Government of India recognized National Level Bodies)				03
	State- Level (Awards given by State Government)				02

However, if the period of teaching/Post-doctoral experience is less than one year then the marks shall be reduced proportionately.

Note: A) i) M.Phil + Ph.D Maximum – 30 Marks

ii) JRF/NET/SET Maximum – 07 Marks

iii) Awards category Maximum – 03 Marks

B) Academic Score - 80

Research Publications - 10

Teaching Experience - 10 Total - 100

C) Score shall be valid for appointment in respective State SLET/SET Universities only.

D) *The Academic score as specified in above mentioned table shall be considered for short-listing of the candidates for interview only, and the selections shall be based only on the performance in the interview.*

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 awarded.



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Annexure-II

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.)

Sr.	Academic/ Research Activity	Faculty of ----→	Sciences/ Engineering	Arts/ /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		12	12
	National Publishers		10	10
	Chapter in Edited Book		05	05
	Editor of Book by International Publisher		10	10
	Editor of Book by National Publisher		08	08
	b) Translation works in Indian and Foreign Languages by qualified faculties		03 per Chapter of Research paper/ 05 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		05	05
	b) Design of new curricula and courses		02 per curricula/ course	
	c) MOOCs			
	Development of complete MOOCs in 4 quadrants (4 credit course)(In case of lesser credits 5 marks/ credit)		20	20
	MOOCs (developed in 4 quadrant) per module/ lecture		05	05
	Content writer/ subject matter expert for each module of MOOCs (at least one quadrant)		02	02
	Course Coordinator for MOOCs (4 credit course)(In case of MOOCs of lesser credits 2 marks/ credit)		08	08
	d) E-Content			
	Development of e-Content in 4 quadrants for a complete course/ e-book		12	12
	e-Content(developed in 4 quadrants) per module		05	05
	Contribution to development of e-content module in complete course/ paper/e-book(at least one quadrant)		02	02
	Editor of e-content for complete course/ paper/ e-book		10	10
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



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	d) Consultancy		03	03
5	a) Patents	International	10	10
		National	07	07
	b)*Policy Document (Submitted to an International body/organization like UNO/ UNESCO / World Bank/ International Monetary Fund etc. or Central Govt./State Govt.)			
		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 paper in Seminars/Conference 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 Reuter's list):

- | | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|-----------|
| i) Paper in refereed journals without impact factor | - | 05 Points |
| ii) Paper in refereed journals with impact factor less than 1 | - | 10 Points |
| iii) Paper in refereed journals with impact factor between 1 and 2 | - | 15 Points |
| iv) Paper in refereed journals with impact factor between 2 and 5 | - | 20 Points |
| v) Paper in refereed journals with impact factor between 5 and 10 | - | 25 Points |
| vi) Paper in refereed journals 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. | | |
| c) Joint Projects: Principal Investigator and Co-investigator would get 50% each. | | |

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.)