



## **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: [drymcaust@gmail.com](mailto:drymcaust@gmail.com) web: [www.jcboseust.ac.in](http://www.jcboseust.ac.in)

### **Advt. No: 02/2021**

Applications are invited for the following regular aided/SFS teaching posts on direct recruitment/ deputation basis by 17.05.2021.

<b>Associate Professor (Regular-Aided Posts)</b>		<b>No. of Posts</b>
1	Civil Engineering	01 (UR)
<b>Assistant Professor (Regular-Aided Posts)</b>		--
1	Civil Engineering	01 (ESM-Gen)
<b>Senior Animator (Posts under SFS)</b>		
1	Animation & Multimedia	02 (UR-1, SC-1)

UR (Unreserved), SC (Scheduled Caste), ESM (Ex-Service men)

#### **General Conditions:**

The application form, detailed Information about qualifications & experience can be downloaded from the University website [www.jcboseust.ac.in](http://www.jcboseust.ac.in). The downloaded form must be accompanied by 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. 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.

**Note:** The candidates who have applied for any of the above posts earlier against Advt. No. 05/2020 or 06/2020 need to apply afresh along with detail of application fee already paid. They need not to pay the fee again.

REGISTRAR



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### Information sheet containing details of qualifications/experience with particulars of the posts advertised vide Advt. No-2/2021

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. 2/2021

### 1. Assistant Professor (Engineering & Technology): Civil Engineering

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

#### Eligibility:

B. E. / B. Tech. / B. S. and M. E. / M. Tech. / M. S. or Integrated M. Tech. in relevant branch with first class or equivalent in any one of the degrees.

### 2. Associate Professor (Engineering & Technology): Civil Engineering

#### 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.

### 3. Senior Animator (Animation & Multimedia)

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

#### Eligibility (A or B or C):

**A. Essential :** Master's degree or equivalent Post Graduate Diploma in relevant discipline with at least 50% marks (or equivalent grade in a point scale) in a concerned/ relevant/ allied subject of Animation/Animation and Multimedia (with specialization in 3D animation/Gaming) Fine Arts/Applied Arts/Visual Communication/Interaction Design/New Media Studies and related field of design from a recognized University, with minimum 5 year relevant experience in academics/Industry in 3D animation/Gaming.

**Desirable:** Good knowledge of 3D software like Autodesk 3ds Max/Maya/Maxon Cinema 4D. Knowledge of game engine Unity/Unreal with basic understanding of C, C++, C#, experience of Augmented and virtual reality is an added advantage.

OR



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**B. Essential:** M.Sc (Computer/IT)/MCA/M.Tech from a recognized University with at least 55% marks (or equivalent grade in a point scale) with minimum 2 years Diploma/ Certification in 3D Animation/Gaming having at least 5 year relevant experience in Academia/Industry.

**Desirable:** Good knowledge of 3D software like Autodesk 3ds Max/Maya/Maxon cinema 4D. Knowledge of game engine Unity/Unreal with basic understanding of C, C++, C#, experience of Augmented and virtual reality is an added advantage.

OR

**C.** A professional with Bachelor in any discipline with at least 50% marks (or equivalent grade in a point scale) having Good knowledge of 3D Software like Autodesk 3ds Max/Maya/Maxon cinema 4D. Knowledge of game engine Unity/Unreal with basic understanding of C, C++, C#, experience of Augmented and Virtual reality with minimum 2 years Diploma/ Certification in 3D Animation/Gaming along with minimum 10 years of relevant experience in academics/Industry in 3D animation/Gaming.

### **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 from 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



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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.  
  
\*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 18<sup>th</sup> July 2018. This criteria is enclosed herewith at Annexure-I. The Candidates are advised to provide relevant information along with documentary evidences.
8. All the shortlisted applicants will be treated at par and will be put through the selection process consisting of written test, Presentation and Interview as specified in the Selection Criteria. The qualifying score in any such test is fixed at 40% (38% for SC category post).
9. The University will 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.



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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. The Application form along with self attested copies of supporting documents 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 17.05.2021 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 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.

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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% = 13		55% to less than 60%= 10		45% to less than 55%= 05
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

**The Academic score as specified in above mentioned table shall be considered only for short-listing of the candidates. The selections shall be based on the composite score as follows:**

Domain Knowledge (50)	Teaching Skills (30)	Interview (20)	Composite Score (100)
To be assessed through written test	To be assessed through ppt presentation		



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GOLDEN JUBILEE YEAR  
(1969-2019)

## 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/ 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)			
	<b>a)Books authored which are published by</b>			
	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>b) Translation works in Indian and Foreign Languages by qualified faculties</b>		03 per Chapter of Research paper/ 05 per Book	
3.	<b>Creation of ICT mediated Teaching Learning pedagogy and content and development of new and innovative courses and curricula</b>			
	<b>a)Development of Innovative pedagogy</b>		05	05
	<b>b) Design of new curricula and courses</b>		02 per curricula/ course	
	<b>c) MOOCs</b>			
	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
	<b>d) E-Content</b>			
	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	<b>a) Research Guidance</b> Ph.D		10 per degree awarded/ 05 per thesis submitted	
	M.Phil/PG dissertation		02 per degree awarded	
	<b>b)Research Projects Completed:</b> More than 10 lakhs		10	10
	Less than 10 lakhs		05	05
	<b>c)Research Projects Ongoing :</b> More than 10 lakhs		05	05
	Less than 10 lakhs		02	02





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	<b>d) Consultancy</b>		03	03
5	<b>a) Patents</b>	International	10	10
		National	07	07
	<b>b)*Policy Document (Submitted to an International body/organization like UNO/ UNESCO / World Bank/ International Monetary Fund etc. or Central Govt./State Govt.)</b>			
		International	10	10
		National	07	07
		State	04	04
	<b>c) Awards/ Fellowship</b>	International	07	07
		National	05	05
6	<b>*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)</b>			
		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.)**