Advertisement No. R(HR)Temp-10(B-Tech Instructor)/2022

<u>ENGAGEMENT OF B Tech INSTRUCTOR</u>

Indian Institute of Science (IISc), a leading institution for research and training in science and engineering, will be offering a four-year B. Tech. Programme in Mathematics and Computing starting from the academic year 2022-23. Further details are available at https://btech-ug.iisc.ac.in/MathandComputing/

In this context, IISc invites applications for the position of Instructors in the disciplines of Computer Science, Mathematics and Electronics to assist in the conduct of laboratory courses and provide logistical support in the regular courses. The details of the posts are as follows:

Total number of Positions: 05 (UR – 04, OBC – 01)

Sl. No.	Name of Post	No. of Vacancies	Essential Qualification	Salary	Job Description
1.	Instructor - Computer Science	02	PhD in Computer Science **Desirable:** Candidates with prior teaching / research experience will be preferred.	Rs. 54,000 – 74,000/- + HRA	The instructors will be responsible for teaching or co-teaching courses at an undergraduate level in Computer Science or Mathematics, advising or co-advising students for their projects, designing curriculum, developing course material, and logistical support like conducting tutorials, lab sessions, grading assignments and examinations, etc. The instructors are also encouraged to pursue research in areas of their interest in collaboration with faculty members of the Institute.
2.	Instructor - Mathematics	02	PhD in Mathematics **Desirable:** Candidates with prior teaching / research experience will be preferred.		
3.	Instructor - Electronics	01	M Tech / ME Degree in Electrical or Electronics Engineering. **Desirable:** 1. Conversant with the following topics: Circuit theory, analog electronics, digital	• Candidates with PhD: Rs. 54,000 – 74,000/- + HRA • Candidates without PhD with a valid GATE/NET Qualification	1. Teach lab courses and run lab sessions effectively with student TAs on weekdays (2 PM to 5 PM). 2. Oversee the functionality of UG Engineering Labs, i.e., both Computing and Electronics labs. 3. Coordinate tutorials sessions with student TAs. Assist the faculty during in-class discussions. 4. Assign the duties to course TAs in all academic activities like

			electronics and microcontrollers. 2. Familiarity with software like MATLAB/Simulink, SPICE, Verilog/VHDL and Cadence. 3. Design, fabrication, testing and troubleshooting of electronic circuits. 4. Firmware coding of microcontrollers.	: Rs. 31,000/- + HRA. After 2 years, pay will be revised to Rs. 35,000/- + HRA • Candidates without PhD without a valid GATE/NET Qualification : Rs. 25,000/- + HRA. After 2 years, pay will be revised to Rs. 28,000/- + HRA	conducting offline exams/quizzes, evaluations etc. 5. Participate in the assessment and final evaluation process with student TAs. Provide effective feedback to students to support their learning. Create effective backend mechanisms for maintaining scores on continuous evaluation practices (HWs, quizzes, exams). 6. Contribute to developing and designing curricula and experiments that support a scholarly and hands-on approach to student learning.

* The syllabus of the undergraduate course can be found at: **https://iisc.ac.in/wp-content/uploads/2021/12/UG-Handbook-2021-22.pdf**

Age: Below 35 years as on the last date for receipt of applications. Relaxation in age is applicable as per GOI norms.

Duration: The above position is purely contractual, and candidates will be hired on a renewable annual contract (depending on satisfactory performance) for a maximum duration of 5 years. Contract tenure will commence from the date of joining. The waitlist will be operational for six months.

How to Apply

a) Candidates who are desirous to be considered strictly on the aforesaid terms and conditions may fill the online application form on the link given below duly attaching the required certificates in support of age, category, qualification, marks, disability, and experience **on or before 30.06.2022**.
b) The eligible applicants will be called for an interview and the date & time of interview will be informed through e-mail. Candidates are also advised to provide correct information in their CV/application.
c) No TA/DA shall be paid for attending the interview.
d) Candidates may please ensure that they are fulfilling all the requisite criteria prior to registering, failing which, their candidature is liable to be rejected/cancelled.

General Instructions
a. The Candidate must possess the essential prescribed qualifications on or before the last date of submitting application.

b. If the candidates acquire any of the higher qualification as mentioned in the advertisement after joining the Institute, the pay will be revised as per the Institute norms **(applicable only for the candidates applying for B Tech Instructor – Electronics)**.

c. These are annual contract positions and are subject to annual review and renewal. However, the engagement may be terminated by either side without cause with one month notice or salary in lieu thereof. The decision of the Institute in this regard shall be final and binding on the candidate. The duration of the contract is for one year initially and extendable up to **five years** on a yearly basis, subject to satisfactory performance and conduct.

d. Qualifications other than one prescribed in this advertisement will not be accepted.

e. Engagement on contract would be subject to medical fitness.

f. Except the consolidated and fixed emoluments, no other benefits will be extended.

g. Candidature/contract of candidate(s) submitting false certificates or suppression/submission of incorrect information shall be liable for termination/disqualification/rejection at any stage.

h. Candidates should apply through online mode only. Incomplete applications and applications in format other than that displayed on website and application received physically are liable to be rejected. No hardcopies will be accepted.

i. Prescribed educational qualifications and experience are the minimum eligibilities required and mere fact that a candidate possesses the same shall not entitle him/her for being called for test/interview. The Institute reserves the right to restrict the no. of candidates admitted for interview to a reasonable number, based on qualifications and/or experience.

j. Applications should be sent well in advance, without waiting till the last date.

k. Call letters to attend interview will be sent only to the shortlisted candidates by mail. Candidates are required to check their registered e-mail ID frequently. No correspondence will be made with applicants who are not short-listed/not called for interview.

l. The Institute reserves the right to reject any application without assigning any reason. The Institute also reserves the right to cancel the advertisement/ recruitment at any stage without assigning any reasons. No correspondence will be entertained in this regard.

m. The Institute reserves the right to verify the antecedents or documents submitted by the candidate at any time during the service. In case it is found that the documents submitted by the candidate are not genuine, then his/her services shall be terminated, and disciplinary/criminal proceedings will be initiated.

n. No accommodation will be provided on the Institute campus during the course of their stay.

o. Only Indian nationals need apply.

Online Application Link: https://recruitment.iisc.ac.in/Temporary_Positions/

Date : 10.06.2022   **Registrar**