



भारतीय प्रौद्योगिकी संस्थान भुवनेश्वर Indian Institute of Technology Bhubaneswar

एफसं. /F. No. 3-23/2024-Rectt.

दिनांक / Date: 20th November 2024

सूचना / NOTICE

Sub.: Provisionally shortlisted candidates for Written Test, Skill Test and Interview for the post of “Electronics & Media Engineer”.

Ref: Advertisement No. Rectt./02/ Non-Teaching/ 2024, dated 03 September 2024.

This is to notify that the **Written Test, Skill Test and Interview** of the provisionally shortlisted candidates at **Annexure-II** for the post of **Electronics & Media Engineer (SC-01)** will be held as per the following schedule & list:

A. Details of Schedule:		
1	Date of Written Test and Skill Test	4 th December 2024 (Wednesday)
2	Reporting Time	08:30 A.M.
3	Venue	School of Electrical & Computer Sciences, Indian Institute of Technology Bhubaneswar, Argul, Khordha, PIN - 752050, Odisha Ph. 0674-7134815
4	Date of Interview (For those who qualify in the Written Test and Skill Test)	4 th December 2024 (Wednesday)
5	Reporting Time	02:30 P.M.
6	Venue	Room No.: 104, Administrative Building, Indian Institute of Technology Bhubaneswar, Argul, Khordha, PIN - 752050, Odisha Ph. 0674-7134815
7	Syllabus and other details of the Examination	Annexure-I
B. Details of candidates Shortlisted / Not Shortlisted		
1	List of Provisionally Shortlisted candidates	Annexure – II
2	List of candidates Not Shortlisted based on eligibility criteria	Annexure – III

Notes:

- 1) The screening of applications for the post of **Electronics & Media Engineer** (L-10) has been done as per the minimum eligibility criteria mentioned in the advertisement.
- 2) The shortlisted candidates (**Annexure – II**) are required to appear for the Written Test & Skill Test on 04.12.2024. If qualified in the Written Test & Skill Test, such candidates only will appear for Interview on the same day i.e. on 04.12.2024. The candidates should appear for the selection process based on this notification along with copy of the intimation received through email. No individual hard copy of the call letter shall be sent.
- 3) The list of candidates not fulfilling the eligibility requirements are given in **Annexure –III** along with the reasons thereof. Such candidates if felt eligible, may submit their representation only on Google Form link
“<https://docs.google.com/forms/d/1Sut1iBU8EsYviDlnMjxDB3qOcpHI4CFrIqu142vq7E/edit?pl>”

i=1" by 5.00 P.M. **of 24th November 2024**. No communication beyond the said date & time shall be entertained.

- 4) Candidates are advised to visit the Institute website (<https://www.iitbbs.ac.in/index.php/home/jobs/non-teaching-jobs/>) regularly for any further updates.

Other Instructions to the candidates for appearing the Selection Tests/Interview:

1. Candidates are required to produce a Proof of Identity issued by Govt. **(in original)** such as Aadhaar Card/Passport/Driving License/PAN Card/Voter Card etc. without which the candidate will not be permitted to appear for the Tests/Interview. No photocopies of the above documents shall be entertained.
2. Candidates are required to bring all the **original and a set of photocopies of all** Educational Certificates, Mark-sheets/Grade-sheets, testimonials, experience certificates, relevant category certificate(s) (SC/ST/OBC-NCL/PwBD/EWS), if applicable, and any other documents as mentioned in the Application Form. During actual verification from original documents, if any discrepancy is noticed, candidate(s) **will not be allowed to appear the Tests/Interview.**
3. **Certificate in support of experience should be in proper format i.e. it should be on the organization's letterhead and contains date of issue, post wise duration of service, salary/pay scale/pay level, name and designation of the issuing authority along with their signature and stamp etc. (Refer Annexure-IV). Submission of original experience certificate during document verification is compulsory. The offer letter, promotion order, pay slips etc. shall not be considered as experience certificate. If a candidate could not produce an experience certificate in the specified format or produce a certificate without having the required details, he/she will not be allowed to attend the Test/Interview.**

It is to be noted that, the experience certificate should contain a brief note about the nature of duties/experience gained/duty performed as per the Column No. 8 of the experience certificate at Annexure-IV.

4. Candidates are required to bring a '**No Objection Certificate**' along with **Vigilance Clearance Certificate** from the employer, in case he/she is employed in a Government/Semi-Government/Autonomous Organization/Public Sector Undertaking etc. and whose application has not been forwarded through proper channel by the employer for this post. In the absence of **No Objection Certificate** and/or any other certificate as mentioned above, **his/her candidature shall not be considered for further recruitment process.**
5. Candidates must report at **08:30 A.M.** sharp on the scheduled date at the venue, failing which the candidate will not be allowed to appear for the Selection Tests/Interview.
6. Electronic gadgets such as Bluetooth, mobile phone, laptop, iPad, Smart watch etc. are not allowed in the examination hall. However, candidates are required to bring writing materials such as ball point Pen (blue/black).
7. *No TA/DA shall be paid to the candidates for attending the Test/Interview. The candidates are advised to make their own arrangement for lodging and boarding to appear the recruitment process.*

**Sd/-
Registrar**

Scheme of Examination and Syllabus for Written Test & Skill Test:

Particulars	Maximum Marks	Duration	Syllabus
Written Test (Objective-MCQs)	100 marks	1 hour	1. Principles of configuration and operation of video conferencing systems 2. Principles and tools for media formats, video production and editing 3. Principles of visual communications 4. Fault analysis of audio-visual systems 5. Audio and video data compression 6. Principles of acoustics, lighting, vision and cameras 7. Principles of video streaming protocols 8. Principles of graphic design 9. Software development and deployment process for a variety of platforms, Windows, Linux, and Mac. 10. SD and HD digital Video standards, Digital Audio standards 11. Final Cut Pro, Avid, Adobe Suite, and Protocols. 12. Photoshop, Illustrator, After Effects, Premiere Pro 13. HTML, CSS, JavaScript, 14. Circuit board design 15. LCD/Plasma displays, DLP projection systems, HD camera systems, control systems, microphones, speakers, video/audio distribution amplifiers, scalars, and switchers power distribution 16. Webcasting, Internet Protocol Television (IPTV), and Streaming Video systems Standards and applications. 17. Video routing systems and broadcast equipment integration 18. Software architecture, data structures, algorithms and complexity analysis 19. AV Control systems development platforms such as Crestron or AMX 20. AV Fault identifications and trouble shooting.
Skill Test	100 marks	2 hours	Skill test will be based on “Hands-on experience in configurations, operations and maintenance of hardware and software based video conferencing systems, hands-on experience in installation, operations and maintenance of audio-visual equipment for auditorium, e-classrooms, experience in video editing software like Adobe Premiere Pro, Final Cut Pro, Davinci Resolve, Camtasia etc., installing and testing and maintaining new audio-visual facilities and equipment, experience with visual communication principles, experience in web design and content management systems, creation of digital content such as website, videos etc., maintain and manage social media channels as per the requirements, experience in web design, producing audio and video materials as per requirement, analysing and fixing technical faults in audio-visual systems, knowledge of audio and video data compression techniques, principles of acoustics, lighting, vision and cameras, knowledge of Video streaming protocols, knowledge of cyber security threats and vulnerabilities and the security practices applied to broadcast, media and communications infrastructure to protect and maintain content and operations, knowledge of programming Java, .NET or others, Local Access Networks (LANs), Wide Area Networks (WANs), internet protocol, knowledge of computer-controlled lighting systems, experience in Graphic design, knowledge of Media Formats, Media Computing, knowledge of Video production and editing, experience in setting up, configuration and maintenance of multimedia systems, knowledge of setting up and operations of audio and video recording systems, knowledge of transmission and networking Technologies, willing to learn and use new audio-visual technologies as per requirements”.

N.B.:

Written Test & Skill Test are qualifying in nature. Only those candidates who qualify in the Written Test & Skill Test would be permitted to appear for Interview on the same day i.e. 04.12.2024. Result of the examination/test will be published in the Institute website.

Annexure – II

List of Provisionally **Shortlisted** Candidates for the post of
“Electronics & Media Engineer”

Sl. No.	Application No.
1	NT030924EME0001
2	NT030924EME0002
3	NT030924EME0006
4	NT030924EME0011
5	NT030924EME0017
6	NT030924EME0025

Annexure – III

List of **Not Shortlisted** candidates with reason of rejection for the post of

"Electronics & Media Engineer"

Sl. No.	Application No.	Reason for Rejection
1	NT030924EME0010	NBRC, NEQ
2	NT030924EME0014	NBRC, NEQ
3	NT030924EME0015	NBRC, NARE
4	NT030924EME0026	NBRC
5	NT030924EME0027	NBRC, NEQ, NE

Sl. No.	Abbreviation of rejection criteria	
1	NEQ	No Essential Educational Qualification
2	NARE	No Adequate Required Experience
3	NRE	No Relevant Experience
4	NE	No Experience
5	OA	Overage
6	NSRD	Non- Submission of Required Documents
7	NBRC	Not Belongs to Required Category
8	NAF	No Application Fees

Annexure – IV

(To be issued in Letter Head of the Institution/Issuing Authority)

Experience Certificate

This is to certify that Shri/Ms. _____ is/was an employee of _____ (Organization/Department/Ministry) and duties performed by him/her during the period are as under:

Details of experience (please indicate the latest first, add row if necessary)

Sl. No.	Post held	From (dd/mm/yyyy)	To (dd/mm/yyyy)	Nature of appointment (permanent/ temporary/ Part-time/ contract)	Pay level/ Scale	Last basic pay drawn	Duties performed/ experience gained in brief in each post (max. 50 words)
1	2	3	4	5	6	7	8

It is certified that above facts and figures are true and based on service records available in our organization/ Department/ Ministry.

Dated:

Signature

(Name and Designation of the Competent Authority with seal)