राष्ट्रीय उन्नत विनिर्माण प्रौद्योगिकी संस्थान

(पूर्व नेशनल इंस्टीट्यूट ऑफ फाउंड्री एंड फोर्ज टेक्नोलॉजी)

हटिया, राँची - 834 003 (झारखण्ड)

National Institute of Advanced Manufacturing Technology

(Formerly National Institute of Foundry and Forge Technology)

Hatia, Ranchi – 834 003 (Jharkhand)

सं No. – NIAMT/GA-134/2023/ *1419*   दिनांक Date - *01* / *11* /20 *23*

SPECIAL RECRUITMENT DRIVE FOR ASSISTANT PROFESSOR ON REGULAR BASIS IN COMPUTER ENGINEERING DISCIPLINE

ADVERTISEMENT NO. – R/05/2023

1. ABOUT THE INSTITUTE:

National Institute of Advanced Manufacturing Technology (Formerly, National Institute of Foundry and Forge Technology), Ranchi was established by the Ministry of Education, Government of India, in collaboration with UNDP in 1966 at Ranchi, Jharkhand. The Institute has been under administrative control of the Ministry of Education, Government of India and is being fully funded by it. The Institute has recently received a Letter of Intent from the Ministry of Education, Govt. of India for conferment of the Deemed to be University status under the Distinct Category.

The Institute has the following departments:

1. Applied Science and Humanities [ASH]
2. Electronics and Computer Engineering [ECE]
3. Foundry and Forge Technology [FFT],
4. Mechanical and Manufacturing Engineering [MFE], and
5. Materials and Metallurgical Engineering [MME],

The Institute offers the following academic programs under above departments:

- **Advanced Diploma Course**

  a)   Foundry Technology
  b)   Forge Technology

- **B. Tech.**

  a)   Computer Engineering
  b)   Mechanical engineering
  c)   Metallurgy and Materials Engineering
  d)   Production & Industrial Engineering

- **M. Tech.**
  - a) Industrial Metallurgy
  - b) Manufacturing Engineering
  - c) Foundry & Forge Technology
  - d) Environmental Engineering
- **PhD**

Students are selected for admission in B. Tech. courses through JoSAA/CSAB based on Joint Entrance Examination (JEE) – Main, in M. Tech. through CCMT based on GATE and in ADC and PhD through internally conducted Written Test and/or Interview.

2. POST, PAY LEVEL, VACANCY:

Offline applications in the prescribed format given in **Annexure – 1** are invited by the Institute from the interested Indian nationals possessing required qualification and/or experience for recruitment as **Assistant Professors** on regular basis in **Computer Engineering** discipline. Details of Pay Level, Initial Basic Pay and Category-wise Vacancy are given in the following table.

7 CPC Pay Level	Initial Basic Pay*			Vacancy**						
	MA/ M. Sc.	M. Tech./ M. Phil.	Ph. D	ST	SC	OBC	EWS	UR	TOTAL	PwBD
10	N/A	61,200/-	66,800/-	1	0	2	1	--	04	1^

* Pay, Allowances, Entitlements and Facilities:

a) **Pay Protection**: Pay protection/fixation of selected candidates from Central Government, State Government, Government Universities/Technical Institutes/R&D Organisations, Government Autonomous Bodies, Public Sector Undertakings and other similar organisations following Central Govt. Pay Scales, who had submitted their application through proper channel and/or submitted a No Objection Certificate in lieu of that shall be fixed in accordance with the provisions contained in the Fundamental Rules and notifications issued by the Department of Personnel & Training (DoPT) in this regard. No pay protection is admissible for candidates from non-Government organisations and candidates from Public Sector Undertakings/Banks, etc. not following Central Govt. Pay Scales.

b) **Advance Increment**: Discretionary award of advance increments for higher merit and/or high number of research publications is not applicable to those entering the profession

as Assistant Professor as they are entitled for grant of advance increments for having acquired a Ph. D., M. Phil. or M. Tech./ME degree. However, those entering the service as Assistant Professor, having a post-doctoral teaching/research experience, after obtaining a Ph.D. degree and proven credentials, may be eligible for discretionary award of advanced increments to be given to the person, on case to case basis, as decided, and recorded by the Selection Committee in the minutes of its meeting, taking into account the pay structure of other teachers in the faculty and other merit-specific factors. However, candidates shall have no claim for advance increment under any circumstances.

c) **Allowances**: In addition to Basic Pay, Dearness Allowance, Transport Allowance, House Rent Allowance (if accommodation is not provided by Institute), Children Education Allowance, Professional Development Allowance, and other allowances are admissible at applicable rates as per instructions received from MoE, GoI from time-to-time.

d) **Entitlements & Facilities**: Leave Travel Concession, Medical Facilities, and Telephone Reimbursement are also admissible as per GoI guidelines as are made applicable for the Institute by MoE, GoI.

** Reservations and Relaxations for ST/SC/OBC/EWS:

a) All of above vacancies are backlog vacancies.

b) The Caste/Tribe/Community certificates in the proforma prescribed and issued by any of the authorities stated in the OM No. 36012/6/88-Estt. (SCT), dated 24.4.1990 and OM No. 36012/22/93-Estt. (Res.), dated 15.11.1993, GoI, No. 36028/1/2014-Estt (Res), dated 3rd September 2015 will only be accepted as sufficient proof in support of a candidate's claim belonging to Schedule Caste/ Schedule Tribe/ Other Backward Class (NCL). Relevant Caste /Tribe / Community certificates are required to be submitted with duly completed application form. No other certificate will be accepted as a sufficient proof. The caste of the candidate must be in the state-wise central list of SCs given at **http://socialjustice.nic.in/UserView/PrintUserView?mid=76750** or **http://socialjustice.nic.in/UserView/index?mid=76750**. The caste of the candidate must be in the state-wise central list of STs given at **https://tribal.nic.in/ST/LatestListofScheduledtribes.pdf**.

c) OBC (NCL) certificate submitted in support of the claim of reservation under this category (Non-Creamy Layer) must be obtained from the competent authority on or after 1st April 2022. The certificate should clearly mention that the candidate belongs to non-creamy

layer and the caste of the candidate must be in the state wise central list of OBCs given at http://www.ncbc.nic.in/User_Panel/CentralListStateView.aspx.

d) Economically Weaker Sections (EWS) certificate submitted in support of the claim of reservation under this category must be obtained from the competent authority on or after 1st April 2022. Only those candidates shall be considered for reservation under EWS category if gross family annual income is below Rs. 8.00 lakh (Rupees eight lakh only) for the financial year prior to the year of application. The term "Family" for this purpose will include the person who seeks benefit of reservation, his/her parents, and siblings below the age of 18 years, his/her spouse, and children below the age of 18 years. Also, persons whose family owns or possesses any of the assets as mentioned in GoI, No. 36039/1/2019-Estt (Res), dated 31st January, 2019 shall also be excluded from being identified as EWS, irrespective of the family income. The Economically Weaker Sections (EWSs) certificates in the proforma prescribed and issued by any of the authorities stated in the OM No. 36039/1/2019-Estt. (Res) dated 31.01.2019 will only be accepted as sufficient proof in support of a candidate's claim for belonging to EWS. EWS certificates are required to be submitted with duly completed application form. No other certificate will be accepted as a sufficient proof.

^ Reservations and Relaxations for PwBD:

a) The vacancy is horizontal and reserved for PwBD of **Hearing Handicap (HH)** sub-category.

b) Persons with Benchmark Disability (PwBD) **'Divyangjan'** shall be required to submit the Disability/Medical Certificate in the proforma prescribed and issued by the competent medical authorities for the purpose of employment as per Government of India norms with duly completed application form. Persons suffering from not less than 40% of the disability shall only be eligible for the benefit of reservation under this category. Candidates with certificate less than 40% disability will not be considered for reservation.

c) Functional requirement and sub-categories of disability identified as suitable for the posts shall be in accordance with the Gazette Notification dated 07/01/2021 available on the website of the Govt of India (URL link - http://egazette.nic.in/WriteReadData/2021/224370.pdf as indicted below.

Discipline	Ref. No.	Functional Requirement	Suitable Category of Benchmark Disabilities
Computer Engineering	649	S, ST, W, BN, MF, SE, C	D, HH

FUNCTIONAL REQUIREMENT ABBREVIATIONS USED: S=Sitting, ST=Standing, W=Walking, BN=Bending, L=Lifting, KC=Kneeling &Crouching, JU=Jumping, CRL= Crawling, CL=Climbing, PP=Pulling & Pushing, MF=Manipulation with Fingers, RW=Reading & Writing, SE=Seeing, H=Hearing, C=Communication

CATEGORY ABBREVIATIONS USED: B=Blind, LV=Low Vision, D=Deaf, HH= Hard of Hearing, OA=One Arm, OL=One Leg, BA=Both Arms, BL=Both Leg, OAL=One Arm and One Leg, BLOA=Both Leg & One Arm , BLA=Both Legs Arms, CP=Cerebral Palsy, LC=Leprosy Cured, Dw=Dwarfism, AAV=Acid Attack Victims, MDy= Muscular Dystrophy, ASD= Autism Spectrum Disorder (M= Mild, MoD= Moderate), ID= Intellectual Disability, SLD= Specific Learning Disability, MI= Mental Illness, MD=Multiple Disabilities

**Note** - All relaxation for reserved categories (SC/ST/OBC/EWS/PwBD) shall be made available only for posts reserved for respective categories. Candidates belonging to reserved categories shall be treated at par with General category for unreserved posts.

3. GENERAL TERMS OF SERVICE:

a) Faculty members of the Institute shall have teaching and research as their primary responsibility. However, they shall also exercise such other powers and perform such other duties as may be assigned to them from time to time by the HOD / Dean(s) / Director or any other authority of the Institute.

b) All faculties are required to stay inside the Institute campus only if a suitable accommodation is provided by the Institute. In the event of the Institute not being able to provide a suitable accommodation inside the campus, they will be permitted to stay outside and HRA as per rule will be admissible in that case.

c) All faculties are to abide by the Conduct Rules, Leave Rules, House Allotment Rules, and any other rules contained in the by-laws of NIAMT Society as amended from time to time and relevant notifications being issued by the Institute from time to time.

d) All faculties are expected to always act and perform in a manner that is not unbecoming of a faculty of the Institute in general. All faculties are expected to exercise and reflect utmost propriety while discharging their responsibilities and exercising the powers delegated to them.

e) Selected candidates will be covered under National Pension System (NPS) as has been implemented from 01/04/2004, unless he/she is already covered under the CCS (Pension) Rules, 1972 in his/her current employment till his/her joining in the Institute and his/her service from current employer is duly transferred to the Institute after his joining in the Institute.

f) Selected candidates, upon their joining will be appointed on **probation for two years** and will be processed for confirmation as per rules of the Institute. Service of the candidates whose performance may not be found to be satisfactory during the period of probation may be terminated within or at the end of the probation period.

g) The current age of retirement on superannuation of faculty members is 65 years.

Applicants are advised to read the Qualification, Experience, Branch, Specialization, General Information, and Instruction given in the following pages carefully before filling the **Application Form** and required **Additional Information in the format given Annexure - 2**. Applicants are advised to read the Additional Information given at the end of this Advertisement.

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4. MINIMUM QUALIFICATION AND/OR EXPERIENCE FOR ASSISTANT PROFESSOR:

(A)   Computer Engineering Discipline: (Any one of the following alternatives: i to v)

    i.   B. E. / B. Tech. / B. S. in Computer Engineering or Computer Science and Engineering **and** M. E./ M. Tech./ M. S. in Computer Engineering or Computer Science and Engineering with first class or equivalent division in any one of the degrees,

OR

    ii.   Integrated M. Tech. in Computer Engineering or Computer Science and Engineering with first class or equivalent division.

OR

    iii.   MCA with Ph. D in Computer Engineering or Computer Science & Engineering.

OR

    iv.   Candidates who have done Ph. D in Computer Engineering or Computer Science and Engineering from Institution of National Importance after B. E. / B. Tech. / B. S. in Computer Science and Engineering with first class or equivalent division and qualified in GATE shall be eligible. M. E. / M. Tech. / M. S. is not required for such candidates.

OR

    v.   A Ph. D degree in Computer Engineering or Computer Science and Engineering 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:

        a) Quacquarelli Symonds (QS),

b) The Times Higher Education (THE),

c) The Academic Ranking of World Universities (ARWU) of the Shanghai Jiao Tong University (Sanghai).

5. **Interpretation of First Class/Division, Conversion of CGPA to %age and Equivalence of CGPA:**

a. **Interpretation of First Class/Division:** In case of requirement of a first class/division for any essential and/or desirable qualification, the class/division shall be considered as mentioned in the Certificate issued by the concerned Board/University/Institute. However, in case no class/division is mentioned in the Certificate issued by the concerned Board/University/Institute, 60% or 6.75 CGPA in a scale of 10 will be treated as equivalent to first class/division.

b. **Conversion of CGPA to percentage:** Rule/Formula to be applied for conversion of any score in CGPA to percentage shall be as mentioned in the Marksheet/Certificate issued by the concerned Board/University/Institute. However, in case no rule/formula is mentioned in the Marksheet/Certificate issued by the concerned Board/University/Institute, following method shall be applied for conversion of CGPA to percentage:

   (i) In case the CGPA is not in a point scale of 10, the same will be converted to point scale of 10 as per guideline mentioned below,

   (ii) Equivalent Percentage Score $= (\text{CGPA Score in point scale of } 10 - 0.75) \times 10$

c. **Equivalence of CGPA:** All the CGPA mentioned in the Recruitment Rules and/or in the Recruitment Advertisement are with reference to point scale of 10. CGPA in point scale other than 10 will be converted to equivalent CGPA in point scale of 10. CGPA in point scale of 5, 6, 7, 8 and 9 will be converted to point scale of 10, by multiplying the CGPA score by a factor of 2, 1.67, 1.43, 1.25 and 1.11, respectively.

6. GENERAL INFORMATION:

A. All qualifications, experience, and fulfillment of any other requirements shall be considered as on the normal closing date for application.

B. The Institute strives to have a gender balanced work force. Women candidates are specifically encouraged to apply.

C. The time taken by candidates to acquire M. Phil. and/or Ph. D degree shall not be considered as teaching/research experience to be claimed for appointment to the

teaching positions. However, the period of active service spent on pursuing Research Degree simultaneously with teaching assignment without taking any kind of leave, shall be counted as teaching experience.

D. Application with erroneous data in any respect, furnished by the candidate, will be disqualified by the Institute.

E. Mere fulfillment of the above-mentioned qualification and experience does not entitle a candidate to be called for interview. Institute will further make the criteria on the recommendations of the Short-listing Committee to arrive at a reasonable number of candidates to be called for interview for each discipline.

F. The Institute reserves the right to consider and fill or not to fill positions in any of the specializations/discipline.

G. Separate applications must be submitted if a candidate is applying in more than one discipline. However, a candidate is allowed to apply against maximum three disciplines.

H. Candidates already in service under Central/State Government and/or Universities, Autonomous Bodies, Technical Institutes, R&D Organisations, etc. under Central/State Government, and Public Sector Undertakings/Banks need to forward their applications through the proper channel only which must reach before the Interview. Alternatively, a No Objection Certificate may be submitted at the time of Interview. However, an advance copy must be sent directly to reach the Institute within the stipulated time.

I. Preference may be given to candidates who have one of the Degrees from a premier Institute of India viz, IITs, IISc, JNU or any other Institute of National Importance, research experience in an organization of repute outside / inside India and /or independent research guidance / research project.

J. Reservation policy for ST/SC/OBC/EWS will be applicable as per the Govt. of India norms/rules. For availing reservation, the category certificate must be submitted along with application. The OBC (NCL)/EWS Certificate must be issued on or after 01/04/2022.

K. For vacancies which are reserved for persons with benchmark (minimum 40%) disabilities as per GOI rules, applicant must submit the Disability Certificate in the prescribed format issued by the Competent Medical Board.

L. All notices regarding this recruitment like Scheme and Schedule of Written Test and/or Interview and/or any addendum, corrigendum, etc. will be published only on the Institute website. Candidates are advised to regularly visit the Institute website i.e., https://recruitment.niamt.ac.in for updated information regarding the recruitment. The Institute will not be responsible in any manner if a candidate fails to visit/access the

website in time. No communication will be sent individually to any candidate except issue of Offer of Appointment to the finally selected candidates.

M.   No interim inquiries relating to the recruitment/selection process shall be entertained.

N.   No individual correspondence, whatsoever, will be made with or entertained from the candidates regarding postal delays, shortlisting, conduct and publication of result of Interview or any other related matter. No correspondence will be entertained from the candidates in connection with the process of selection/interview unless called for by the Institute either through individual email or general notice on Institute website.

O.   Bringing in any external influence by any candidate shall lead to cancellation of his/her candidature, besides taking appropriate legal action by the Institute.

P.   Copies of the supporting documents like Qualification/Experience/Category Certificates and publications, etc. need not be sent along with the Application Form. These will be called for submission only from the candidates shortlisted for Presentation and/or Interview.

Q.   No TA/DA will be paid for attending Presentation and/or Personal Interview. Candidates need to make their own arrangement for travel and accommodation for this purpose.

R.   The decision of the Institute in all matters will be final and binding on the applicants. Any dispute about the selection/recruitment process will be subject only to the Hon'ble High Court of Jharkhand.

S.   Fresh appointment beyond the age of 60 years is discouraged expect in the case of candidates   with exceptional research, industrial and / or academic career.

T.   Candidates applying from the abroad can be permitted to attend the interview on the request through video conferencing depending on merit. It is mandatary to have personal presence in the interview for the applicants who are residing in India.

U.   Consideration/Counting of past service, if any will be as per Clause 2.25 and 2.26 of the AICTE Regulations 2019, dated 01/03/2019.

7. SELECTION PROCESS:

The Institute shall follow a fair and transparent selection process as given below:

A.   **SCRUTINY OF APPLICATIONS**: All entries made in the Main Applications (Annexure – 1) and Additional Information (Annexure – 2) will be provisionally accepted subject to verification later. All documents attached with the Application Form will also be treated to be bonafide subject to verification with the original later. **The Institute reserves the**

right to verify the authenticity of the entries and the documents at any stage and the candidature of any applicant found to have submitted false information and/or forged document and/or have suppressed any material information will be outrightly rejected. Application will be rejected in the scrutiny process in any the following cases:

   (i)   Not having the required minimum qualification and/or experience,

   (ii) Not having qualification in the appropriate Branch and/or Specialisation,

   (iii) Erroneous and/or misleading and/or incomplete applications,

   (iv) Non-submission of required supporting documents.

B.   **SHORTLISTING OF APPLICATIONS**: In case of receipt of large number of responsive applications in any category, shortlisting of applications will be done taking into consideration the score obtained against the entries made in **Annexure – 2** (available separately on Institute website for download) as per criteria given in **Annexure - 3** to limit the number of applicants to be called for Presentation and/or Personal Interview.

C.   **SCREENING TEST**: In case it is not possible to limit the candidates in the Shortlisting Process as given above or if it is decided to do so, Screening Test of the shortlisted candidates (First Phase) may be conducted to further limit the number of candidates to be called for Personal Interview. Performance in the Screening Test will not be considered for final selection by the Selection Committee.

D.   **DOCUMENT VERICATION**:

Verification of the original documents of the copies submitted with the Application Form as well as documents in support of the entries made in Additional Information will be verified before the Personal Interview. A candidate will not be allowed to appear the Personal Interview in either of the following cases:

   (i)   Failure to produce supporting document for verification in support of entries made in the Application and Additional Information Sheet, like Date of Birth, Qualification, Experience, Caste (ST/SC/OBC/EWS/PwBD), Publications, etc.

   (ii)   Failure to produce any original document for verification as may be required.

   (iii) Non-receipt of application through proper channel or non-production of No Objection Certificate, wherever applicable as mentioned in this Advertisement.

   (iv)   Detection of suppression of any material fact in the Application Form.

   (v)   Willful entry of any wrong information/figure in the Application Form and/or Additional Information which has a direct bearing on the selection process.

E. **PERSONAL INTERVIEW:**

Personal interview will be conducted by the Selection Committee constituted by the Institute, for all such candidates who will be recommended to appear before the Selection Committee, subject to successful verification of their application and documents.

F. **FINAL SELECTION:**

Final selection shall be based on the recommendation of the Selection Committee considering the performance of the candidates in the Personal Interview only or along with any other additional parameters, as may be decided by the Selection Committee.

G. **WAIT-LIST PANEL:**

The Institute reserves the right to prepare a panel of wait-listed candidates for issue of Offer of Appointment in case of non-joining of any candidate (from Main List and/or Wait List), which shall remain valid for one year from the date of declaration of the result of final selection.

8. RIGHT OF THE INSTITUTE:

a) To modify/ defer or cancel full / part of the advertisement / recruitment at any stage of processing without assigning any reason thereto.

b) To fill or not to fill any or all the posts advertised without assigning any reason.

c) To cancel the process of recruitment at any stage without assigning or clarifying any reason.

9. HOW TO APPLY:

a) Visit the Recruitment Home Page accessible at URL **https://recruitment.niamt.ac.in** to **download** Application Form and Additional Information Sheet from the webpage and fill the same in all respect (handwritten/typed).

b) Sent both the Application Form and Additional Information Sheet along with the self-attested copy of the supporting documents by Registered/Speed Post to reach the Institute before scheduled date and time.

Notes:

a) Please write "Application for Assistant Professor (CSE)" on the envelope and send the same by Registered/Speed Post to the address "**The Deputy Registrar, Recruitment Cell,**

Room No – 103, Administrative Building, NIAMT (Formerly NIFFT), Hatia, Ranchi – 834 003 (Jharkhand)".

b) Application after the last date/time and delivery by hand/courier will not be accepted.

c) The Institute shall not be responsible for late delivery and/or lost-in-transit cases.

10. IMPORTANT DATES:

Fixed Dates

a)	Publication of Detailed Advertisement	-	01/11/2023 [17:00 hrs.]
b)	Last date for receipt of Application by Post	-	30/11/2023 [17:00 hrs.]

[07/12/2023 (17:00 hrs.) for applications posted from far flung areas*]

Tentative Dates

c)	**Publication of Shortlisted Applications [Round-1]**	-	**22/12/2023**
d)	Representation against Provisional Shortlisting	-	26/12/2023
e)	Publication of Additional Shortlisting [Round-1]	-	05/01/2024
f)	Written Test (if conducted)	-	13/01/2024 (Saturday)
g)	**Publication of Recommended List for Interview**	-	**15/01/2024**
h)	Personal Interview	-	To be Intimated Later

* **List of Far-Flung Areas**: Following areas are considered as far flung for the purpose of extended last date for receipt of applications:

Assam, Meghalaya, Arunachal Pradesh, Mizoram, Manipur, Nagaland, Tripura, Sikkim, Jammu & Kashmir, Lahaul & Spiti district and Panji division of Chamba district of Himachal Pradesh, Andaman & Nicobar Islands, and Lakshadweep.

REGISTRAR

कुलसचिव
Registrar
राष्ट्रीय उन्नत विनिर्माण प्रौद्योगिकी संस्थान, राँची-3
National Institute of Advanced Manufacturing Technology, Ranchi-3