



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-70/2022/ 623

दिनांक Date - 13 / 01 / 20 23

CORRIGENDUM - III

**REVISED REQUIREMENT AND ELIGIBLE SUB-CATEGORY OF PwBD
AS MENTIONED IN PARA - 6**

Advertisement No. R/01/2022 [POST – PROFESSOR]

NOT APPLICABLE

Advertisement No. R/02/2022 [POST – ASSOCIATE PROFESSOR]

NOT APPLICABLE

Advertisement No. R/03/2022 [POST – ASSISTANT PROFESSOR]

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 indicated below.

Discipline	Ref. No.	Functional Requirement	Suitable Category of Benchmark Disabilities
Foundry Technology	(686)	ST, W, RW, MF, C	a) D, HH b) OA, BA, OL, OAL, LC, Dw, AAV c) ASD (M), SLD, MI d) MD involving (a) to (c) above
Forge Technology	(686)	ST, W, RW, MF, C	a) D, IIII b) OA, BA, OL, OAL, LC, Dw, AAV c) ASD (M), SLD, MI d) MD involving (a) to (c) above
Metallurgical Engineering	(686)	ST, W, RW, MF, C	a) D, HH b) OA, BA, OL, OAL, LC, Dw, AAV c) ASD (M), SLD, MI d) MD involving (a) to (c) above
Mechanical and Manufacturing Engineering	686	ST, W, RW, MF, C	a) D, HH b) OA, BA, OL, OAL, LC, Dw, AAV c) ASD (M), SLD, MI d) MD involving (a) to (c) above

Discipline	Ref. No.	Functional Requirement	Suitable Category of Benchmark Disabilities
Computer Engineering	649	S, ST, W, BN, MF, SE, C	a) D, HH b) OA, BA, OL, BL, Dw, AAV c) MI d) MD involving (a) to (c) above
Electronics Engineering	650	S, ST, W, BN, MF, SE, C	a) B, LV b) OA, BA, OL, BL, Dw, AAV c) ASD (M), SLD, MI d) MD involving (a) to (c) above
CAD/CAM/CAE	(686)	ST, W, RW, MF, C	a) D, HH b) OA, BA, OL, OAL, LC, Dw, AAV c) ASD (M), SLD, MI d) MD involving (a) to (c) above
Environmental Engineering	706	S, ST, W, RW, H, C, MF	a) B, LV b) D, HH c) OA, BA, OL, OAL, BLA, BLOA, CP, LC, Dw, AAV d) ASD (M), SLD, MI e) MD involving (a) to (d) above
Mathematics	691	S, ST, W, RW, SE, H, C, MF	a) LV b) HH c) OA, BA, OL, BL, CP, LC, Dw, AAV d) ASD (M), SLD, MI e) MD involving (a) to (d) above
Chemistry	672	S, ST, W, RW, MF, SE, H, C	a) HH b) OA, BA, OL, BL, OAL, CP, LC, Dw, AAV c) ASD (M), SLD, MI d) MD involving (a) to (c) above
Environmental Science	706	S, ST, W, RW, H, C, MF	a) B, LV b) D, HH c) OA, BA, OL, OAL, BLA, BLOA, CP, LC, Dw, AAV d) ASD (M), SLD, MI e) MD involving (a) to (d) above
Materials Science	(705)	S, ST, W, RW, MF, H, C	a) B, LV b) D, HH c) OA, BA, OL, OAL, BLA, BLOA, CP, LC, Dw, AAV d) ASD (M), SLD, MI e) MD involving (a) to (d) above
English	622	S, ST, W, RW, H, C, MF	a) B, LV b) HH c) OA, BA, OL, BL, OAL, BLOA, BLA, CP, LC, Dw, AAV, MDy d) ASD (M), SLD, MI e) MD involving (a) to (d) above

Note – Ref. Nos. given in parenthesis are in accordance with best match and/or equivalence.

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

REVISED RELEVANT BRANCH/ SPECIALISATION AS MENTIONED IN PARA - 6

Advertisement No. R/01/2022 [POST – PROFESSOR]

NIL

Advertisement No. R/02/2022 [POST – ASSOCIATE PROFESSOR]

NIL

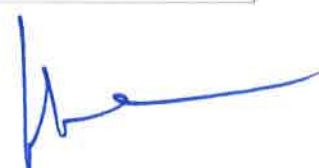
Advertisement No. R/03/2022 [POST – ASSISTANT PROFESSOR]

APPROPRIATE BRANCH AND SPECIALIZATIONS FOR ASSISTANT PROFESSOR:

A. Engineering Disciplines:

Discipline	Appropriate Branch (BE / B. Tech. / BS)	Specialization (ME / M. Tech. / MS and/or Ph. D)
Foundry Technology	Foundry and Forge Technology/ Foundry Technology/ Materials and Metallurgical Engineering/ Mechanical Engineering / Production Engineering/ Manufacturing Engineering/ Industrial Engineering	Foundry Tooling and Methoding/ Pattern Development and design/ 3D Solid Modeling/ Advanced Casting Processes/ Ferrous Castings/ Non-Ferrous Castings/ Numerical Modeling of Foundry Processes/ IoT Applications in Foundries/ Rapid Solidification/ Bulk Metallic Glass/ Nanocrystalline Materials/ Levitation Melting/ Additive Manufacturing/ Design/ Production/ Thermal, Advanced Manufacturing Process/ Industrial Automation & Robotics/ Smart Manufacturing/ Industrial 4.0/ Data Analytics/ Advanced Material Processing/

		Computational Mechanics, CAD/ CAM/ CAE, Product and Process Optimization/ CFD/ Instrumentation & Sensors, Fuel Furnace Refractoriness, Thermal Engineering/ Heat Transfer/ Fluid Mechanics/ Artificial Intelligence/ Machine Learning/ Big Data in Manufacturing
Forge Technology	Foundry and Forge Technology/ Foundry Technology/ Materials and Metallurgical Engineering/ Mechanical Engineering / Production Engineering/ Manufacturing Engineering/ Industrial Engineering	Design/ Production/ Thermal/ Advanced Manufacturing Process/ Industrial Automation & Robotics/ Smart Manufacturing/ Industrial 4.0/ Advanced Material Processing/ Computational Mechanics/CAD/ CAM/ Product and Process optimization/ Industrial Engineering/ CFD/ Instrumentation & Sensors/ Industrial Tribology/ Metal Forming Technology/ Fuel Furnace Refractoriness/ Artificial Intelligence/ Machine Learning/ Data Analytics
Materials and Metallurgical Engineering	Materials and Metallurgical Engineering/ Metallurgical Engineering	Process Metallurgy (Powder Metallurgy and Deformation, Solidification) Extractive Metallurgy (Ferrous and Nonferrous) Thermodynamics and Kinetics Computational Metallurgy (Modelling & Simulation) Corrosion Engineering, Non-destructive Evaluation Material integrity and Failure analysis Surface Engineering Ceramics (Structural/Functional)
Mechanical and Manufacturing Engineering	Mechanical Engineering/ Production Engineering/ Manufacturing Engineering/ Industrial Engineering/ Applied Mechanics/ Thermal Engineering/ Mechanical Design/ Computer Engineering	Mechanical/ Manufacturing/ Production/ Industrial Engineering/ Design/ Thermal/ Mechatronics



Discipline	Appropriate Branch (BE / B. Tech. / BS)	Specialization (ME / M. Tech. / MS and/or Ph. D)
Electronics and Computer Engineering*	Computer Science and Engineering/ Electronics & Communication Engineering	Artificial Intelligence/ Compiler Design/ Computational Geometry/ Computer Architecture/ Computer Graphics/ Data Analytics/ Data Structures and Algorithms/ Discrete Mathematics/ Internet of Things/ Machine Learning/ Operating Systems/
CAD/CAM/CAE^	Mechanical Engineering/ Manufacturing Engineering/ Production Engineering	Computer Aided Design/ Computer Aided Manufacturing/ Intelligent Control and Automation/ Machine Design and Analysis/ Multi-scale and Multi-physics Simulation
Environmental Engineering	Mechanical Engineering/ Production Engineering/ Manufacturing Engineering/ Industrial Engineering	Air Pollution Control/ Water & Wastewater Treatment Process/ Industrial Waste Management/ Environmental Modelling & Simulation/ Water Resources Planning & System Engineering/ Geo-informatics

* For Electronics and Computer Engineering, in addition to BE/B. Tech./BS in relevant branch as above, the applicant must have **ME/M. Tech./MS** in Computer Science & Engineering/ Information Technology/ Software Engineering.

^ For CAD/CAM/CAE, in addition to BE/B. Tech./BS in relevant branch as above, the applicant must have **ME/M. Tech./MS** in Engineering Design/ Mechanical Design/ CAD/ CAM.

B. Science & Humanities Disciplines:

Discipline	Appropriate Branch (MA / M. Sc. / M. Tech.)	Specialization in (MA / M. Sc. / M. Tech. and/or Ph. D)
Applied Science	Mathematics	Probability and Statistics/ Pure Mathematics/ Applied Mathematics
	Chemistry/ Applied Chemistry	Physical Chemistry
	Environmental Science	Air Pollution Control/ Water & Wastewater Treatment Process/ Industrial Waste Management/ Environmental Modelling & Simulation/ Water Resources Planning & System Engineering/ Geo-informatics
	Materials Science	Fabrication Science and Engineering/ Surface Science and Surface Engineering
Humanities	English	Communicative English/ ELT/ Linguistics

SHORTLISTING CRITERIA MENTIONED IN PARA – 8B

Advertisement No. R/01/2022 [POST – PROFESSOR]

NO CHANGE

Advertisement No. R/02/2022 [POST – ASSOCIATE PROFESSOR]

NO CHANGE

Advertisement No. R/03/2022 [POST – ASSISTANT PROFESSOR]

The Annexure – 1 as mentioned in Para – 7B is replaced as given below:

Additional Information Calculation Criteria for Assistant Professors

S.N.	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% in case of SC/ST/OBC (non-creamy layer)/PWD) to less than 60% = 20	
3.	M.Phil.	60% & above = 07			
4.	Ph.D.	30			
5.	NET with JRF	07			
	NET	05			
	SLT/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 Organisations/ Government of India / Government of India recognised 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) In awards category Maximum = 05 Marks

(B) Number of candidates to be called for interview shall be decided by the concerned universities.

(C)

Academic Score	=	80
Research Publications	=	10
Teaching Experience	=	10
Total	=	100

(D) Score shall be valid for appointment in respective State SLT/SET Universities/ Colleges/ Institutions only

IMPORTANT DATES AS MENTIONED IN PARA - 11

Advertisement No. R/01/2022 [POST – PROFESSOR]

Fixed Dates

- a) Opening of the Online Application Portal - 14/01/2023 [17:00 hrs.]
b) Closing of the Online Application Portal - 13/02/2023 [17:00 hrs.]
c) Last date for receipt of Application by Post - 20/02/2023 [17:00 hrs.]
[27/02/2023 (17:00 hrs.) for applications posted from far flung areas*]

No change in Tentative Dates mentioned at (d) to (i) in the Advertisement.

Advertisement No. R/02/2022 [POST – ASSOCIATE PROFESSOR]

Fixed Dates

- a) Opening of the Online Application Portal - 14/01/2023 [17:00 hrs.]
b) Closing of the Online Application Portal - 13/02/2023 [17:00 hrs.]
c) Last date for receipt of Application by Post - 20/02/2023 [17:00 hrs.]
[27/02/2023 (17:00 hrs.) for applications posted from far flung areas*]

No change in Tentative Dates mentioned at (d) to (i) in the Advertisement.

Advertisement No. R/03/2022 [POST – ASSISTANT PROFESSOR]

Fixed Dates

- a) Opening of the Online Application Portal - 14/01/2023 [17:00 hrs.]
b) Closing of the Online Application Portal - 13/02/2023 [17:00 hrs.]
c) Last date for receipt of Application by Post - 20/02/2023 [17:00 hrs.]
[27/02/2023 (17:00 hrs.) for applications posted from far flung areas*]

No change in Tentative Dates mentioned at (d) to (i) in the Advertisement.



REGISTRAR

IMPORTANT: Revised Advertisements are being published on the Institute website updating the Corrigendum issued on 09/01/2023, 10/01/2023 and 13/01/2023. All applicants are advised to refer the Revised Advertisements before filling the Online Application.