

Indian Institute of Technology Hyderabad Kandi, Sangareddy, Telangana – 502284, INDIA Website: <u>www.iith.ac.in</u>

Advt. No. IITH/2023/NF/15

Date: 22.10.2023

RECRUITMENT NOTIFICATION FOR NON-TEACHING POSITIONS

The Indian Institute of Technology Hyderabad is an institute of National importance established by an Act of Parliament under the aegis of the Department of Higher Education, Ministry of Education, Government of India. The Institute invites ONLINE Applications from eligible Indian Nationals to fill up the following vacant regular posts through Direct Recruitment.

Post			Pay Level	Upper	Total		Vert	ical Res	ervatio	า
No.		Name of the Post	(As per 7th CPC)	age limit (Years)	Vacancies	sc	ST	OBC	EWS	UR
		GRO	UP 'A' NON-T	EACHING PO	SITIONS					
1.	Public F	Relations Officer	10	45 years	01	-	-	-	-	01
		GRO	UP 'B' NON-T	EACHING PO	SITIONS					
	Techni	cal Superintendent								
	2.1	Materials Science and Metallurgical Engineering	08	40 years	01	-	-	-	01	-
2.	2.2	Civil Engineering (Geotechnical Engineering)	08	40 years	01	-	-	-	-	01
	2.3	Computer Science and Engineering	08	40 years	01	-	-	-	-	01
	2.4	Electrical Engineering (Power Electronics and Power Systems)	08	40 years	01	-	-	-	-	01
3.	Section	Officer	08	40 years	02	-	-	01	-	01
4.	Junior Psychological Counsellor (Male)		08	40 years	01	-	-	01	-	-
5.	Executiv	ve Assistant	06	35 years	02	-	-	-	-	02
6.	Physiot	herapist (Male)	06	35 years	01	-	-	-	-	01
7.	Staff Nu	urse	06	35 years	06	-	-	01	-	05
8.	Physica	l Training Instructor	06	35 years	01	-	-	-	-	01
9.	Library	Information Assistant	06	35 years	01	-	-	-	-	01
10.	Junior E	Engineer (Civil)	06	35 years	01	-	-	-	01	-
11.	Junior E	Engineer (Electrical)	06	35 years	01	-	-	-	-	01
	Junior	Technical Superintendent								
	12.1	Artificial Intelligence	06	35 years	01	-	-	-	-	01
	12.2	Central Workshop	06	35 years	02	-	-	-	-	02
	12.3	Computer Centre	06	35 years	01	01	-	-	-	-
12.	12.4	Computer Science and Engineering	06	35 years	01	-	-	-	-	01
	12.5	Design	06	35 years	01	-	-	-	-	01
	12.6	Electrical Engineering	06	35 years	01	-	-	01	-	-
	12.7	Mechanical and Aerospace Engineering	06	35 years	02	-	-	01	-	01
	12.8	Mathematics	06	35 years	01	-	-	-	01	-

Post			Pay Level	Upper	Total		Vert	ical Res	ervatior	า
No.		Name of the Post	(As per 7th CPC)	age limit (Years)	Vacancies	sc	ST	ОВС	EWS	UR
	•	GRO	UP 'C' NON-T	EACHING PO	SITIONS					
13.	Account	tant	04	35 years	09	01	01	02	01	04
14.	Junior A	ssistant	03	35 years	17	02	-	05	01	09
	Junior	Technician		-	•					
	15.1	Academics/ Students	03	35 years	01	-	-	-	-	01
	15.2	Artificial Intelligence	03	35 years	01	-	-	-	-	01
	15.3	Biomedical Engineering	03	35 years	02	-	-	01	-	01
	15.4	Biotechnology	03	35 years	01	-	-	-	-	01
	15.5	Central Workshop	03	35 years	02	-	-	-	-	02
	15.6	Chemical Engineering	03	35 years	02	01	-	-	-	01
	15.7	Chemistry	03	35 years	01	-	-	-	-	01
	15.8	Civil Engineering	03	35 years	02	01	-	01	-	-
15.	15.9	Computer Centre	03	35 years	03	-	-	-	-	03
	15.10	Computer Science and Engineering	03	35 years	03	-	-	01	-	02
	15.11	Construction and Maintenance Division	03	35 years	01	-	-	01	-	-
	15.12	Electrical Engineering	03	35 years	02	01	01	-	-	-
	15.13	Liberal Arts	03	35 years	01	-	01	-	-	-
	15.14	Materials Science and Metallurgical Engineering	03	35 years	01	-	-	-	01	-
	15.15	Mathematics	03	35 years	01	-	-	01	-	-
	15.16	Mechanical and Aerospace Engineering	03	35 years	03	01	-	-	-	02
	15.17	Physics	03	35 years	02	-	-	01	-	01
16.	Junior L Assistar	ibrary Information It	03	35 years	02	-	-	-	-	02
17.	Junior H	Iorticulturist	03	35 years	01	-	-	-	-	01
				Total	89	08	03	18	06	54

Abbreviations:

SC: Scheduled Caste ST: Scheduled Tribe	OBC: Other Backward Classes	EWS: Economically Weaker Sections	UR: Unreserved
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2. The commencement date and the last date for submission of online applications are as under:

Commencement of Online Application	22 nd October 2023, 09:00 AM IST
Last date for submission of Online Application	12 th November 2023, 5:00 PM IST

3. Horizontal Reservation (wherever applicable under rules):

3.1 The Horizontal Reservation for Ex-Servicemen to the extent of 10% (in Group C posts) and PWD persons to the extent of 4% means the reservation which would cut across the vertical reservation and the persons selected shall have to be placed in the appropriate category by making necessary adjustments. In respect of Physically Handicapped persons, the reservation shall be available only for services, posts and type of disability identified for the purpose by the competent authority.

3.2 Reservation for 'Persons with Disabilities' with a minimum 40% disability: Preference will be given to 'Persons with Disabilities' (PWD) with a minimum 40% disability, even where the reservation is not marked and suitable PWD candidates are available.

Post No.	Name of the po	st	Categories of Disabled suitable for jobs		Physical req		Posts Identified for the following Disabilities	
01	Public Relation Officer		OL, HH.		BN, C, CL, MF, H, KC, L, PP, RW, S, SE, ST, W.		ОН, НН.	
02	Technical Superintendent		OA, OL		BN, CL, CRL, PP, S, SE, ST,	W.	OH.	
03	Section Officer		OL, OA, BL, HH		S, ST, BN, MF	, FW, SE, HC,	OH, HH	
04	Junior Psycholog Counsellor (Male		OA, OL, BL		MF, H, S, SE		ОН	
05	Executive Assista	nt	OL,OA,BL,HH,B,LV BLOA	,ola,	MF,H,L,S,SE,S	T,W	ОН,VН,НН	
06	Physiotherapist (Male)		OL,BL,B,LV,HH		S,ST,W,BN,M	F,R,W,SE,H,C	ОН,НН	
07	Staff Nurse		OL		BN,H,MF,SE,C,PP,ST,RW,W, L,S		ОН	
08	Library Information Assistant		OA,OL,HH	OL,HH		٩F	ОН,НН.	
09	Junior Engineer (Civil)		OL, OA, HH		BN, CL, MF, KC, L, PP, RW, S, SE, ST, W		ОН, НН.	
10	Junior Engineer (Electrical)		OL, HH		BN, CL, MF, KC, L, PP, RW, S, SE, ST, W		ОН, НН	
11	Junior Technical Superintendent		OA, OL	OA, OL		MF, H, KC, L, W.	ОН.	
12	Accountant		OL,OA,OAL,BL,HH		MF,H,L,S,SE,ST,W		OH,HH	
13	Junior Assistant		OL,OA,OAL,BL,B	MF,H,L,S,SE,ST,W		T,W	OH,HH	
14	Junior Techniciar	ı	OA, OL, BL, HH		BN, MF, H, KC, L, PP, S, SE, ST, W.		ОН, НН.	
15	Junior Library Information Assis	stant			S,BN,SE,RW,MF		ОН,НН.	
16	Junior Horticultu	rist	LV,HH, OA,OL,		S,ST,W,BN,MF,RW,SE,H,C		OH,HH	
	riations:							
OL – one leg.		BL – both legs.				egs and one arm.		
OAL – one arm and one leg.		B – Blind.	LV –	low vision.	HH – hearing i	mpaired.		
	l requirements:			1				
BN – Bending. H –		- Hearing. MF		 Manipulating with fingers. 		SE – Seeing.		
C – C	ommunication.		- Jumping.	PP -	– Pulling and pushing.		ST – Standing.	
() – (limbing			– Kneeling and uching.	RW – Reading and Writing.		W – Walking.		

4. Relaxation in upper age limit: As per Govt. of India norms.

L – Lifting.

CRL – Crawling.

Category Age Relaxation		
SC/ST	5 years against reserved posts only.	
OBC-NCL	3 years against reserved posts only.	
PWD with a minimum 40% disability	15 years for SC/ST, 13 years for OBC-NCL, and 10 years for others against all the posts identified suitable for the relevant category of disability; subject to maximum age not exceeding 56 years on the last date for receipt of applications.	
Ex-servicemen	As per Government of India norms.	
Employees of IIT Hyderabad	As per the Institute's norms, no age limit for regular internal candidates applying for the direct recruitment posts.	

S – Sitting.

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Note: Relaxation in age to the SC/ST/OBC candidates in respect of only those vacancies which are reserved for them.

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Post No.	Name of the Post, Specialization and No. of Posts	Essential and desirable qualifications for the posts
		Essential: First class Post graduate degree in Mass Communication/ Journalism/ Management o equivalent. Minimum 5 Years' experience in the fields o Administration/ Public Relation activities of ar organization including conducting meetings, programmes, issuing press releases and handling hospitality needs.
1.	Public Relations Officer 01 Post	Desirable:Knowledge of Government rules and experience of working at the supervisory level in Government funder academic institutions like IITs, IISc, IISERs, NITs etc. or in a reputed private organization. Candidates should have desirable leadership quality and requisite experience in the following areas:i.Media Management (Including Social & amp; Digital Media)ii.Content Writing (Media Releases, Annual Reports, Brochure, and Other Institutional Reports)iii.Institutional Ranking (NIRF, QS and ARIIA) iv.iv.Video Making and Interviews v.vi.Brand Building vii.vii.Database Management
2.1	Technical Superintendent- Materials Science and Metallurgical Engineering 01 Post	 Essential: First Class BTech/BE in Metallurgica Engineering/ Material Science/ Mechanica Engineering/ Electrical/ Electronics Instrumentation, with at least 3 years of relevan experience, OR MSc in Physics/ Chemistry, and at least 3 years of relevant experience. Experience in Operation and maintenance of materials processing/ characterization/ testing. Desirable: Operation and maintenance of various furnaces such as induction melting/ arc-melting furnaces spark plasma sintering furnaces/ hot press/ heat treatment furnaces, etc. Electron microscopes (SEM/TEM)/Therma Analysis Equipment such as DSC/DTA/TGA, etc. Sample preparation, Polishing, metallography works/ cutting tools/ EDM wire cutting, etc. Material Testing equipment such as Universa Testing Machine/ Hardness/ Impact tester, Creep/ Nano-Indenter/ Rolling/ forging extrusion, etc. Foundry/metal casting/moulding etc., and/ o XRD/ AFM/ UV/ Sputtering/ Pulse lase deposition, etc.

5. Following are the essential and desirable qualifications for the posts notified under Para No.1:

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Post No.	Name of the Post, Specialization and No. of Posts	Essential and desirable qualifications for the posts
2.2	Technical Superintendent – Civil Engineering (Geotechnical Engineering) 01 Post	 Essential: First-class ME/MTech in Geotechnical Engineering with at least 3 year of relevant experience OR First-class BE/BTech in Civil Engineering with at least 5 years of relevant experience. Desirable: i. Field supervision of drilling, testing and data collections activities. ii. Demonstrating experiments to UG and PG level students iii. Ensuring maintenance of all the Geotechnical engineering labs. iv. Preventive maintenance & follow up for the Repair of the Geotechnical Engineering lab equipment. v. Tendering process of lab equipment's & consumables for conducting the experiments. vi. Maintenance of the high-end equipment in Advanced Geotechnical Engineering Labs. vii. Calibration of LVDTs, Earth pressure cells and Installation of the of DAQs. viii. Providing training to all the Undergraduate & post Graduate students to handle the Geotechnical Engineering lab equipment.
2.3	Technical Superintendent - Computer Science and Engineering 01 Post	Essential:FirstClassBTech/BE/MCA/MScinComputerScience/IT/Electronics, with at least 3 years of hands-onexperienceonnetwork/systemadministration/engineering or software/web development activities, ORFirstClassMTech/ME/MSinComputerElectronics.Desirable:i.CCNA/CCDA/CCNP/CCIE/CCDE/CCArcertificationfrom Cisco or Windows/Linux/UnixSystemAdministration/Architectfrom LPI/RedHat/Oracle/Microsoft/AWS.ii.Experienceincloudii.StrongWrittenand Oralii.StrongWrittenand Oral
2.4	Technical Superintendent - Electrical Engineering (Power Electronics and Power Systems) 01 Post	Essential:First Class MTech/ME in Power Electronics/PowerSystems or related specialization, OR First ClassBTech/BE in Electrical Engineering, with at least 3 yearsof relevant experience in the area of PowerElectronics/Power Systems.Desirable:i.strong communication skills, andii.Strong programming skills with proficiency in C/Python/LabViEW, MATLAB, and/or Familiarity with application software like PSS/E, PSCAD, Power World Simulator, DigSilent, FPGA & DSP Programming, Network Programming.

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Post No.	Name of the Post, Specialization and No. of Posts	Essential and desirable qualifications for the posts
3.	Section Officer 02 Posts	 Essential: Graduation in any discipline from a recognized University with at least 55% of marks or equivalent CGPA. At least 5 years' experience out of which at least 3 years' experience in Pay Level-6 or equivalent under the Central or State Government/Central Autonomous or Statutory bodies/Central or State Universities/PSU in the field of Administration/ Academic/ Stores & Purchase/HR/ Establishment/Finance & Accounts/ R&D/Hostels/legal services/ Student activities/ Material Management.
		 Desirable: i. Command in communication and drafting skills in English Language. ii. Knowledge of Computer Applications like word process, spreadsheet, presentation, etc.
4.	Junior Psychological Counsellor (Male) 01 Post	 Essential: Masters degree in Clinical Psychology /Counselling Psychology with a percentage of minimum 60%. 02 years' relevant experience in counselling late adolescents and adults in an Academic Institution/ hospital setting or any other mental health clinic. Additional Qualification: Administrative experience in establishing, and managing Counselling services, document keeping, & MS Office. The candidate should have excellent communication skills. Desirable: An experience in counselling students in Academic institutions full-time or part-time. Have been conducting workshops/knowledgebased sessions. Note: Relevant experience is defined as psychological counselling experience in a mental health clinic or Educational Institution wherein individual counselling, as well as group counselling, has been provided for adolescents. The appointee may be required to stay on campus as per the requirement of the Institute.
5.	Executive Assistant 02 Posts	 Essential: Graduation in any discipline from a recognized University with at least 55% of marks or equivalent CGPA. At least 5 years of experience in the field of Administration/ Academic/ Stores &Purchase/HR/ Establishment/ Finance & Accounts/ R&D/

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Post No.	Name of the Post, Specialization and No. of Posts	Essential and desirable qualifications for the posts
		Hostels/ legal services/ Student activities/ Material Management. Desirable: Working knowledge of computer applications
6.	Physiotherapist (Male) 01 Post	 Essential: First-class bachelor's degree in physical therapy with at least five years of relevant experience. OR First-class master's degree in physical therapy with at least three years of experience of relevant experience. Note: In both cases the candidate (male only) must have at least a first class in all the professional degrees (bachelors or bachelors and masters).
7.	Staff Nurse 06 Posts	 Essential: Intermediate or 10+2 or equivalent and must have passed the examination of 3-year course in General Nursing and Midwifery (GNM) with 1st class or equivalent grade held by Nursing Council. 5 years of relevant experience in the hospital of Govt./Semi Govt./ Central autonomous bodies/ reputed hospitals. Valid Registration with Nursing Council Desirable: Possessing a degree in Nursing may be given preference. Working knowledge of computer applications. Nurses with at least two years of work experience in ICU/ICCU/Casualty/Post OP, paediatric and neonatal experiences like trained in administration of vaccination, primary newborn care, worked in PICU/ NICU. Note: The appointee in the post is expected to perform his/her duties in shifts as per the Institute's requirements.
8.	Physical Training Instructor 01 Post	 Essential: Bachelor's Degree in any discipline from a recognized university/institute with at least 55% marks or equivalent grade/CGPA along with bachelor's degree in physical education (BPEd) or Sports Science or its equivalent qualification with at least 55% marks or 4-year bachelor's degree in physical education with at least 55% marks or equivalent grade/CGPA. At least 2 years of full-time coaching experience in a recognized university/Institute in Cricket/Badminton/Tennis/ Squash/Weightlifting.

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Post No.	Name of the Post, Specialization and No. of Posts	Essential and desirable qualifications for the posts
		 iii. Participated in senior-national/inter- university/nationals/state in Cricket/ Badminton/ Tennis/ Squash/ Weightlifting. OR Master's Degree (full time) in Physical Education/ Sports Science with at least 55% marks or equivalent grade/ CGPA. ii. at least 1 year of full-time coaching experience in a recognized university/Institute in Cricket/ Badminton/ Tennis/ Squash/ Weightlifting. iii. Participated in senior-national/inter- university/nationals/state in Cricket/ Badminton/ Tennis/ Squash/ Weightlifting. iii. Participated in senior-national/inter- university/nationals/state in Cricket/ Badminton/ Tennis/ Squash/ Weightlifting. Desirable: Diploma in sports coaching from NSNIS. at least one year of work experience in Govt. Autonomous Bodies or University or College. iii. Medal winners in senior-national/inter- university/nationals/state games. Instructions for filling-up details of participation certificate in online application: While filling online application, the participation Certificates mentioned under para no. (iii) of essential qualifications may be filled under academic qualifications. 'From' and 'To' dates shall be mentioned as 'NA'.
9.	Library Information Assistant 01 Post	 Essential: i. First Class master's degree in library science/information science/ Documentation Science or an equivalent professional degree. ii. At least 3 years of professional experience in a Library in CFTI/State/Autonomous or statuary organization/PSU/ University or recognized research or educational Institution. iii. Working knowledge of Library Management Software(s). Desirable: i. PG Diploma in Library Automation and Networking/ PG Diploma Computer Applications in Library or equivalent ii. Knowledge of the ILMS and the understanding of evolving Information and Communication Technologies relevant to libraries. Note: The appointee in the post is expected to perform his/her duties in shifts as per the Institute's requirements.
10.	Junior Engineer (Civil) 01 Post	 Essential: First class BE/BTech in Civil Engineering from a recognized University/Institution, and At least 3 years of relevant experience. Experience shall be in any state/central government organizations/private large construction firms of National and International repute.

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Post No.	Name of the Post, Specialization and No. of Posts	Essential and desirable qualifications for the posts			
11.	Junior Engineer (Electrical) 01 Post	 Essential: First class BE/B.Tech in Electrical Engineering/ Electrical and Electronics Engineering/ Electronics and Communication Engineering from a recognized University/Institution and With at least 03 years of relevant experience. The experience shall be in any Central/State government organizations/ Central PSU/ State PSU/Central PWD/State PWD/ State/Central Engineering departments/Central or State Govt. undertakings/Central Govt. Autonomous Bodies/Institutions/ Private firms of National and International repute. 			
		Desirable: Knowledge of drafting software like Auto CAD, and latest Construction Management or other relevant software. Should have computer literacy and experience of working with computer office applications			
12.1	Junior Technical Superintendent – Artificial Intelligence 01 Post	 Essential: BE/BTech in CSE/EE/ECE/IT with CGPA >=8. Minimum 3 years' experience in IT Industry as developer/web developer role. Desirable: Hands-on experience in website development and maintenance. Proficiency in HTML, CSS, PHP, JavaScript, MySQL. Hands-on experience in Linux system administration, HPC cluster management, SLURM/any other workload management systems, Job scheduling, Storage management and knowledge in SAN, NAS storage systems, Network file system, Networking and security management of switches, Shell scripting, Opensource software installations, ability to troubleshoot the issues and other data centre activities. Good knowledge in power, UPSs, airconditioning, and other facilities in the data centres. Strong written and oral communication skills. 			
12.2	Junior Technical Superintendent – Central Workshop – Mechanical 02 Posts	Essential: First class BE/BTECH in Mechanical/ Production/ Mechatronics with at least three years of relevant experience. OR First class Diploma in Mechanical/ Production/ Mechatronics with at least six years of relevant experience. OR First class ITI in Machinist/ Turner/ Fitter/ Tool & die design/ Electronics/Mechatronics with at least ten years of relevant experience.			

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Post No.	Name of the Post, Specialization and No. of Posts	Essential and desirable qualifications for the posts
		 Desirable: Experience in CAD/CAM Softwares, Solid Edge, CNC programming, Tool and Die Design, Operation of CNC Five axis, three axis vertical milling centre and lathe. Operation and maintenance of heavy machinery. Experience in teaching of lab practices for under graduates in Machining, Hydraulics and Pneumatics, Welding and fabrication works.
12.3	Junior Technical Superintendent – Computer Centre 01 Post	 Essential: i. First class BE/B.Tech/M.Sc. degree or equivalent in Computer Science and Engineering/ Information Technology or equivalent or MCA from a recognised University/Institute of repute and at least 2 years' experience in software/web development activities at a reputed organization/ institute. ii. Hands on working experience and strong background knowledge in MVC frameworks, Web development frameworks (like Spring), PHP, Python, Java technologies, HTML5, JSON, Java script frontend frameworks like jQuery, React, Angular etc. iii. Extensive experience in database administration and proficient with MySQL, MSSQL, PostgreSQL, RDBMS databases. Desirable: Contribute in all phases of the software development, testing, and implementation
12.4	Junior Technical Superintendent – Computer Science and Engineering 01 Post	 Essential: BE/BTech/MCA/MSc in CSE/EE/ECE/IT. Minimum 3 years' experience in IT Industry as developer/web developer role OR ME/MTech in CSE/EE/ECE/IT. Minimum 1 year experience in IT Industry as developer/web developer role. Desirable: Ands-on experience in website development and maintenance. Proficiency in HTML, CSS, PHP, JavaScript, MySQL. Hands-on experience in Linux system administration, HPC cluster management, SLURM/any other workload management systems, Job scheduling, Storage management and knowledge in SAN, NAS storage systems, Network file system, Networking and security management of switches, Shell scripting, Open source software installations, ability to troubleshoot the issues and other data centre activities. Good knowledge in power, UPSs, air-

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Post No.	Name of the Post, Specialization and No. of Posts	Essential and desirable qualifications for the posts
		conditioning and other facilities in the data centres. iii. Strong written and oral communication skills. iv. Experience in cloud platforms like open stack, docker, Kubernetes, SLURM.
	Junior Technical	Essential: i. Bachelors' Degree/Diploma in Design or Degree in Engineering, Technology, Architecture, Fine arts and other relevant areas with minimum 2 years of experience OR Master's Degree or Post-Graduate or Diploma in Engineering.
		 ii. The candidate should have demonstrated expertise in one of the areas mentioned below: (a) Animation / film/ photography (b) Wood/Metal/ Ceramic studio (c) VR/AR/MR/UI/UX/ Interaction Design studio
	Superintendent –	Desirable:
12.5	Design	Experience in any of the following areas:
	01 Post	i. Animation /Film/ Photography: Animation, Film Editing, Photography, Videography, Sound editing
		 ii. Wood Metal and Ceramic Studio: 3D printing and prototyping /fabrication, CNC, CAD/CAM, ceramic processing iii. VR/AR/MR and Interaction studio: Augmented Reality/ Virtual Reality / Mixed reality, Sound design and engineering, Mobile and Web design and application development, Artificial Intelligence, knowledge of Game engines like Unity3D, Unreal, etc.
		 iv. Experience in working in academic /R&D/ Design schools /design industry v. Managing Design studios and laboratories,
		Essential:
	Junior Technical Superintendent -Electrical Engineering (Microelectronics & VLSI) 01 Post	First Class BTech in Electronics/Electrical Engineering from a recognized University/Institution with at least 3 year of relevant experience OR
12.6		First-Class Diploma in Electrical Engineering / Electronics Engineering from a recognized University/Institution with at least 5 years of relevant experience and knowledge of computer applications with 2 years of relevant experience.
		Desirable:
		PCB board design, soldering & ESD, High-end chip characterization & instrument handling, Chip

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Post No.	Name of the Post, Specialization and No. of Posts	Essential and desirable qualifications for the posts
		characterization knowledge, Scripting knowledge, Hands on experience with oscilloscopes, signal generators, waveform analyzer, programmable FPGAs, System and network administration skills with proficiency in programming and scripting, Configuration and in-depth understanding of EDA and TCAD tools
		Essential:
		ITI in (Turner/Machinist) with minimum 10 years of experience OR Diploma in mechanical/production/aerospace/aeronautics
	Junior Technical	/automobile/ manufacturing/equivalent with a minimum of 5 years of experience OR
	Superintendent- Mechanical and Aerospace Engineering (Mechanical) 01 Post	Bachelor's degree in mechanical/production/aerospace/ aeronautics/ manufacturing/ automobile/equivalent with 3 years experience.
		OR MTech in design/thermal/fluid/manufacturing /aerospace/ aeronautics / production/automobile /CAD- CAM/equivalent with 2 years experience.
		Desirable:
		Knowledge of CAD, equipment operation, equipment purchase and installation, equipment maintenance, instrumentation, CNC machine tool operation, data acquisition, computer operation.
12.7		Essential:
	Junior Technical Superintendent -Mechanical and Aerospace Engineering (Electrical) 01 Post	Diploma in mechatronics/instrumentation/controls/ electrical/ electronics and communication with a minimum 5 years OR
		Bachelors' Degree in mechatronics/instrumentation/controls/ electrical /electronics and communication with 3 years experience
		OR MTech in embedded systems/mechatronics/instrumentation/ controls with 2 years experience
		Note: In case of diploma/bachelor's, should have worked in mechanical labs/department for at least two years. In case of MTech, should have worked in mechanical labs/department for at least 1 years.
		Desirable:i.Should have experience in troubleshooting of Electronics Equipment like UPS, Monitors, Control Equipment, Sensors, Motors, etc.

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Post No.	Name of the Post, Specialization and No. of Posts	Essential and desirable qualifications for the posts
		 ii. Should have experience in programming of microcontrollers, design and fabrication of instrumentation for loadcells, strain gages and other loadcells, iii. Knowledge of CAD equipment operation, equipment purchase and installation, equipment maintenance, instrumentation, CNC machine tool operation, data acquisition, computer operation.
	Junior Technical	Essential: First Class BTech/BE/MCA in Computer Science/IT/ Electronics or related areas, with at least 3 years of hands-on experience in Windows and Linux System Administration and Application Installation or related areas OR First Class MTech/ME/MS in Computer Science/IT/Electronics or related areas with 1-year
12.8	Superintendent-Mathematics 01 Post	 relevant experience <u>Desirable:</u> Strong communication skills, b)Experience in Cluster Management: HPC Queue Management in PBS/SLURM, Job Scheduling, Cluster Health Monitoring, Storage and Quota Management, Website building using HTML/CSS/PHP/JS and Windows, Linux OS Installations and CCNA Certification from Cisco or Windows/Linux/Unix System Administration Certification from LPI/Red Hat/Oracle/Microsoft
13.	Accountant 09 Posts	 Essential: B. Com with 55% marks or its equivalent grade/CGPA At least 3 years of relevant experience. Knowledge of accounting software. Desirable: Possessing qualification of Inter CA/ ICWA.
14.	Junior Assistant 17 Posts	Essential: Bachelor's degree with 55% marks and at least 2 years of relevant experience in handling accounts/ audit/ stores & purchase/administration/establishment/academics/host el matters. Desirable: Working knowledge of Computer Applications.
15.1	Junior Technician-Academics/ Students	Essential: i. A Bachelor's Degree or Diploma in Electronics & Video Engineering/Electronics &

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Post No.	Name of the Post, Specialization and No. of Posts	Essential and desirable qualifications for the posts
	01 Post	 Communications/Film Editing/ Video Production/Digital Media/Mass Communication /Computer Applications. ii. Minimum 02years of hands-on experience of: a) Setting up and operations of Audio-Visual Equipment such as projectors, Video walls, audio mixers and microphones. b) Videography and video editing techniques. c) TV Studio & Broadcasting techniques. d) Audio Visual Systems of Open-Air Theatres, Auditorium and Large-scale classrooms.
15.2	Junior Technician -Artificial Intelligence 01 Post	 Essential: BE/BTech in CSE/EE/ECE/IT with CGPA >=7. Minimum 2 years experience in IT Industry as developer/web developer role Desirable: Working knowledge of Computer applications and/or certifications as per the discipline
15.3	Junior Technician -Biomedical Engineering 02 Posts	Essential:FirstClassBTech/BEinElectrical/Instrumentation/Electronics/BiomedicalEngineering/Engineering Physics/PhotonicsORFirstClassMScinElectronics/Instrumentation/ Photonics,ORFirstClassDiplomaFirstClassDiplomaEngineering, with at least 2 years of relevant experience.Desirable:i.Knowledge in handling software, programming skills,ii.Experience in working with Biomedical Instruments, Medical regulatory standards and biomedical safety protocols and standards.
15.4	Junior Technician- Biotechnology 01 Post	Essential: Bachelor's Degree in Biotechnology/Life Sciences, BCA/BSc(computer science)/Bioinformatics with >60% (or CGPA 6). Desirable: i. Proficient in Microsoft Word, Excel, PowerPoint applications, maintaining softwares (OS installation, license, packages, and future cluster in our department) and minor hardware issues. ii. Diploma in computer software hardware with hands-on experience is desirable. iii. Excellent communication skills in English/Hindi
15.5	Junior Technician -Central Workshop (CNC programming and Operation)	Essential: First class Diploma in Mechanical/ Production/ Mechatronics/Instrumentation with at least three years

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Post No.	Name of the Post, Specialization and No. of Posts	Essential and desirable qualifications for the posts
	01 Post	of experience in operating CNC machines like three axis and five axis machining centers, turning centers etc. OR First class ITI in Machinist/ Turner/ Fitter/ Tool & die design/ Electronics/Mechatronics with at least six years of experience in operating CNC machines like three axis and five axis machining centers, turning centers etc. Desirable:
		Knowledge of CAD, equipment purchase and installation, equipment maintenance, instrumentation, data acquisition and computer operation.
	Junior Technician -Central Workshop (Electronics/Mechatronics) 01 Post	Essential: First class Diploma in Electrical/Electronics/ Mechatronics/Instrumentation with at least three years of relevant experience OR First class ITI in Electrical/Electronics/Mechatronics/ Instrumentation with at least six years of relevant experience OR First class BTech in Electrical/Electronics/ Mechatronics/ Instrumentation with at least two years of relevant experience. OR First class BTech in Electrical/Electronics/ Mechatronics/ Instrumentation with at least two years of relevant experience. Desirable: i. Experience in Electrical wiring, Electronic circuits, Arduino programming. ii. Operation and maintenance of heavy electrical machinery.
15.6	Junior Technician -Chemical Engineering 02 Posts	Essential: First Class BE/BTech in Chemical Engineering OR First- Class Diploma in Chemical Engineering with at least 2 years of experience in relevant area.
15.7	Junior Technician -Chemistry 01 Post	Essential: First Class BSc in Chemistry with at least 2 years of experience, particularly, in a chemistry lab/ industry/ lab demonstrator in College/ University/ Institute/Laboratory etc.
15.8	Junior Technician – Civil Engineering (Geotechnical Engineering)	Essential:

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Post No.	-	Essential and desirable qualifications for the posts
	01 Post	First Class BE/BTech in Civil Engineering with at least 1 year of experience in relevant area OR First-Class Diploma in Civil Engineering with at least 3 years of experience in relevant area.
		 Desirable: i. Field supervision of drilling, testing and data collections activities. ii. Demonstrating experiments to UG and PG level students. iii. Ensuring maintenance of all the Geotechnical engineering labs. iv. Preventive maintenance & follow up for the Repair of the Geotechnical Engineering lab equipment. v. Tendering process of lab equipment's & consumables for conducting the experiments. vi. Maintenance of the high-end equipment in Advanced Geotechnical Engineering Labs. vii. Calibration of LVDTs, Earth pressure cells and Installation of the of DAQs.
		 viii. Providing training to all the Undergraduate & post Graduate students to handle the Geotechnical Engineering lab equipment's. ix. Preparation of the lab manuals for UG & PG experiments.
	Junior Technician –	First Class BE/BTech in Electrical Engineering/Electronics/ Instrumentation/ Communication technology with at least 1 year of experience in relevant area OR First-Class Diploma in Electrical Engineering/Electronics/ Instrumentation/ Communication technologies with at least 3 years of experience in relevant area.
	Civil Engineering (Structural Engineering) 01 Post	 Desirable: i. Experience in repair, maintenance, and troubleshooting of electronic and electrical devices. ii. Working knowledge of integrated circuits, digital electronics, power systems, AC and DC circuits and appliances. iii. Good physical dexterity to work with heavy and consisting equipment.
15.9	Junior Technician – Computer Centre (Electrical)	sensitive equipment. iv. Calibration of LVDTs, Load cells, and Installation of DAQs. v. Good written and oral communication skills. Essential: First class BE/BTech or equivalent in Electrical Engineering/ Electrical and Electronics Engineering/

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Post No.	Name of the Post, Specialization and No. of Posts	Essential and desirable qualifications for the posts
	01 Post	Electronics and Communication Engineering with at least 1 years of experience. OR First Class Diploma in Electrical Engineering with at least 3 years of experience in LT equipment. OR First Class ITI in Electrician Trade with at least 5 years of experience in Operation, and maintenance & troubleshooting of DG sync panel, AMF Panel, Distribution box in the Data Centre and metering and maintenance of LT power distribution system, UPS System, DG set and PDUs. Desirable: Hands-on experience in Cooling system like HVAC system, chiller cooling system etc, BMS (Building management system) like Fire Suppression system etc.
	Junior Technician – Computer Centre (Networking) 02 Posts	Essential: First Class BTech/BE/MCA/MSc in Computer Science/IT/ Electronics, with at least 1 years of hands-on experience on network administration/engineering. OR First Class Diploma in Computer Science/IT/ Electronics with at least 3 years of experience. Desirable: CCNA/CCDA/CCNP/CCIE/CCDE/CCAr certification from Cisco.
15.10	Junior Technician – Computer Science and Engineering 03 Posts	Essential:First Class BTech/BE/MCA/MSc in Computer Science/IT/Electronics, with at least 2 years of experience in the relevant area.Desirable:i. CCNA/CCDA/CCNP/CCIE/CCDE/CCAr certification from Cisco or Windows/Linux/Unix System Administration/Architect certification from LPI/Red Hat/Oracle/Microsoft/AWS.ii. Hands-on experience in website development and maintenance. Proficiency in HTML, CSS, PHP, JavaScript, MySQL.iii. Strong written and oral communication skills. iv. Familiarity with Linux OS.
15.11	Junior Technician – Construction and Maintenance Division (Draughtsman- Civil) 01 Post	Essential: i. SSLC/SSC/Matriculation and Possessing two years National Trade Certificate for Draughtsman (Civil) from a recognised Institute (ITI/ NTC/NAC -NCVT certificate in Draughtsman Civil trade).

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Post No.	Name of the Post, Specialization and No. of Posts	Essential and desirable qualifications for the posts
		 ii. Five years' experience in any architectural/design office / construction offices in preparation of architectural drawings, structural drawings, shop drawings etc., using AutoCAD software.
	Junior Technician – Electrical Engineering (Communications and Signal Processing).	Essential: First Class BTech in BTech in Electronics & Communications Engineering from a recognized University/Institution with at least 1 year of relevant experience OR First-Class Diploma of 3 years duration in the area of Communications/Signal processing and knowledge of computer applications with 2 years of relevant experience.
	01 post	Desirable: Hands on experience with oscilloscopes, signal generators, waveform analyzer, programmable FPGAs, USRPs, and other communications and signal processing hardware.
15.12	Junior Technician – Electrical Engineering (Microelectronics & VLSI)	Essential: First Class BTech in Electronics/Electrical Engineering from a recognized University/Institution with at least 1 year of relevant experience OR First-Class Diploma in Electrical Engineering / Electronics Engineering from a recognized University/Institution with at least 3 years of relevant experience and knowledge of computer applications with 2 years of relevant experience.
	01 post	Desirable: PCB board design, soldering & ESD, High-end chip characterization & instrument handling, Chip characterization knowledge, Scripting knowledge, Hands on experience with oscilloscopes, signal generators, waveform analyzer, programmable FPGAs.
15.13	Junior Technician – Liberal Arts 01 Post	 Essential: i. Bachelor's Degree in Arts/Science/Commerce/Law/ Business Administration along with knowledge of computer applications. ii. Needs to have good oral and written communication skills and IT knowhow (MS-Office, Management of Website), Data interpretation and collection. iii. Should be able to help in preparation of material for Department Brochures / Newsletters and data collection for ranking etc. iv. Should be able to support in coordinating with internal and external personnel, and also should be able to support in admission processes of postgraduate students.

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Post No.	Name of the Post, Specialization and No. of Posts	Essential and desirable qualifications for the posts
		 Desirable: i. Master's Degree in Arts/Science/Commerce/Law along with knowledge of computer applications or MBA. ii. Should have excellent communication skills and basic technical skills to run equipment in labs such as Psychology Lab, Cognitive Science Lab, and Economics Lab.
15.14	Junior Technician – Material Science and Metallurgical Engineering 01 Post	 Essential: First Class Diploma in Metallurgical Engineering/Material Science/ Mechanical, with at least 2 years of relevant experience. Desirable: Experience in Operation and handling of various furnaces. Experience in Sample preparation, Polishing, metallography works/ cutting tools/ EDM wire cutting, etc. Handling and Operation of Material Testing equipment. Experience on foundry/metal casting/moulding etc.
15.15	Junior Technician – Mathematics 01 Post	 Essential: B.Sc. (Computer Science)/Bachelor of Computer Application with at least 60% marks or equivalent CGPA from a recognized University/Institute with at least 2 years of relevant experience such as Computer Hardware, Software, and Network troubleshooting. Desirable: i. Working experience on Windows, Linux, and MAC OS. ii. Good communication skills. iii. Ability to work independently.
15.16	Junior Technician – Mechanical and Aerospace Engineering (Biomechanics/Biophysics/ Biomedical) 01 Post	Essential: Bachelor's degree in physical sciences/Life Sciences/Mechanical Engg with >50% (or CGPA 6), with minimum 4 years of experience. OR Master's in Biomedical/Biomechanics/Biophysics /MSc in Biological sciences, with minimum 2 years of experience.

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Post No.	Name of the Post, Specialization and No. of Posts	Essential and desirable qualifications for the posts
		 Note: In case of bachelor's, should have handled wetlab for at least two years. In case of Master's, should have handled wetlab for at least one year. <u>Desirable:</u> Proficient in Microsoft Word, Excel, PowerPoint applications. Excellent communication skills in English/Hindi, Wet Lab handling (experience 2 years), FEM (optional).
	Junior Technician – Mechanical and Aerospace Engineering (Mechanical) 01 Post	Essential: ITI in Turner/Fitter/Welder/Machinist/Automobile/ Mechanic (Diesel, Motor vehicle, Machine tool maintenance)/Refrigeration and Air Conditioning/ Production & Manufacturing with 6 years of relevant experience. OR Diploma in Mechanical/Automobile/Production/Plastic Technology/Mechatronics/Aeronautical with 3 years of relevant experience. OR BTech in mechanical/production/aerospace/aeronautics /manufacturing/automobile with 1 year of relevant experience. Desirable: Knowledge of equipment operation, CAD, equipment purchases and installation, equipment maintenance, instrumentation, CNC machine tool operation, data acquisition, computer operation.
	Junior Technician – Mechanical and Aerospace Engineering (Aero) 01 Post	Essential: ITI in Aeronautics/Combustion/Controls with 6 years of relevant experience OR Diploma in Aerospace/Aeronautics/Mechanical/ Combustion/Controls with 3 years of relevant experience OR BTech in Aerospace/Aeronautics/Automobile/ Mechanical with 1 year of relevant experience Desirable: i. Expertise in handling high-pressure line operations, high-vacuum machinery, compressors, and vacuum pumps, and fitting, repair and maintenance of gas flow lines. ii. Expertise in high-voltage machinery, heavy-duty heat-exchanger operations and maintenance. iii. Expertise in intermittent wind tunnel operations (blow-down and in-draft vacuum), and model preparation and instrumentation.

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Post No.	Name of the Post, Specialization and No. of Posts	Essential and desirable qualifications for the posts
		 iv. Expertise in instrumentation of strain gauges, load cells, heat-flux gauges, pressure tapings, and velocimetry-related systems. v. Fundamental knowledge of operating systems, office software, and data handling.
15.17	Junior Technician – Physics 02 Posts	 Essential: First Class BSc in Physics, with at least 3 years of relevant experience and knowledge of Computer Applications. OR BTech (Engineering Physics/EE/Instrumentation/ECE/Computer Science) plus 2 years of relevant experience. OR MSc (Physics/Applied Physics/Electronics) plus 1 year of relevant experience. Desirable: i. Experience in running basic experiments teaching laboratory. ii. Operating and maintaining at least one high end R&D equipment. iii. Proficient in instrumentation, Lab view, and python. iv. Experience in Linux operating system, Linux system administration, basics of computer networks, managing HPC and other hardware related stuff.
16.	Junior Library Information Assistant 02 Posts	 Essential: First class Master's Degree in Library Science/Library & information Science with from a recognized University. At least 1 year of professional experience in a Library in CFTI/State/Autonomous or statuary organization/PSU/University or recognized research or educational Institution. Need to work shift duties. Desirable: PG Diploma in Library Automation and Networking/ PG Diploma Computer Applications in Library or equivalent. Knowledge of the ILMS and the understanding of evolving Information and Communication Technologies relevant to libraries. Note: The appointee in the post is expected to perform his/her duties in shifts as per the Institute's requirements.
17.	Junior Horticulturist 01 Post	Essential: B.Sc in Agriculture or Botany or Horticulture from a recognized Institute or with at least 55 % marks. Have 2 years' experience in Horticulture including ornamental gardening in any Government Department or PSU or autonomous or statutory body.

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Post No.	Name of the Post, Specialization and No. of Posts	Essential and desirable qualifications for the posts
		OR M.Sc in landscape architecture or floriculture from a recognized college or Institute with at least 60% marks.

6. Application Fee Payable:

- **6.1** Rs, 500/- (Rupees Five Hundred only). The candidate applying for more than one post shall pay a fee of Rs 500/- per post separately.
- **6.2** Candidates eligible for reservation under Scheduled Castes (SC), Scheduled Tribes (ST), Persons with Disabilities (PwD), EWS and Women candidates are exempted from Fee payment.

7. General Instructions:

GENERAL INSTRUCTIONS AND ESSENTIAL INFORMATION		
1.	Applicant must be a citizen of India.	
2.	Candidates are required to submit ONLINE applications only. Printout of the ONLINE application form is not required to be submitted to the Institute. OFFLINE applications, if submitted, will be summarily rejected.	
3.	Online mode of applications can be accessed through the link: https://iith.ac.in/careers/	
4.	Please read the General Instructions to the candidates on the online application portal carefully .	
5.	Candidates, who wish to be considered against vacancies reserved / to seek age relaxation, must submit a requisite valid certificate issued by the Competent Authority along with their online application for the examination/verification, otherwise, their claim for SC/ST/OBC/EWS status will not be entertained and their applications will be considered under General (UR) category. Similarly, the candidates who wish to seek age relaxation under the PWD category must submit a requisite valid certificate issued by the competent authority along with their online application for the examination/verification, otherwise, their claim will not be considered. Note: The OBC certificate should have been issued on a date within 2 (two) years of the last date of receipt of the application as mentioned in the Advertisement. The candidates submitting the application under the EWS category should upload a valid EWS certificate issued for the current financial year (Clearly stating that for the certificate is valid for the year: 2023 and Financial Year 2023-24).	
6.	Before submitting the online application, the candidate must ensure that he/she fulfils all the eligibility criteria for the post for which she/he is applying as detailed for the respective post. Candidates will be short-listed for a Test/Interview based on the information provided by them in their online applications. If at any subsequent stage, the information provided/claim made by the applicant is found to be false, <u>his / her candidature will be cancelled at any stage of the recruitment process and if appointed, services will be terminated without any notice or compensation.</u>	
7.	The cut-off date for reckoning Upper Age limit, qualification and Post Qualification Experience is the last date of submission of online application i.e. 12.11.2023. Relevant experience gained after the minimum qualifying degree/course will only be taken into consideration. Part-time employment experience shall not be considered.	

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8.	The exact percentage should be mentioned in the percentage of marks column. e.g. 59.9% should NOT be rounded off to 60%.
9.	Calling a candidate for a test/interview merely indicates that it is felt that he/she with others may be suitable for the post and conveys no assurance whatsoever that he/she will be recommended or selected or his/her conditions specified in the application will be accepted.
10.	The Institute reserves the right to restrict the number of candidates for written / skill test/interviews to a reasonable limit based on qualifications, level and relevance of experience higher than the minimum prescribed in the advertisement and other academic achievements. The Institute also reserves the right to reject any or all the applications without assigning any reasons.
11.	Applications will be summarily rejected if not all the relevant certificates (Experience / Caste / Educational/Proof of DOB etc.) are uploaded as per the instructions. The certificates of work experience should be in proper format i.e. it should clearly state his/her designation, period of service in the particular organization, nature of work assignment(s) and the pay.
	The experience letter should be on the organization's letterhead, bear the Date of issue, Name and Designation of the issuing authority along with their Signature and Stamp. Pay slips/Office orders/Appointment orders or any other documents shall not be considered as proof of Experience.
12.	The institute has the right to decide the mode of screening and testing the applicant for shortlisting and selection. In case of any inadvertent mistake in the process of shortlisting/ selection, which may be detected at any stage even after the issue of the Appointment letter, the Institute reserves the right to modify/ withdraw/ cancel any communication made to the candidates.
13.	The criteria pertaining to experience is relaxable at the discretion of the competent authority in the case of candidates belonging to the Scheduled Castes or Scheduled Tribes or Persons with benchmark disability, if at any stage of selection, the competent authority is of the opinion that enough candidates from these communities possessing the requisite experience are not likely to be available to fill up the vacancies reserved for them.
14.	In case of any dispute/ambiguity that may occur in the process of selection, the decision of the Institute shall be final. Interim correspondence will not be entertained and replied to.
15.	All the candidates shall produce self-attested copies of all the certificates (educational/caste/experience) along with originals for verification at the time of interview / written test/skill test. No Travelling Allowance (TA) shall be paid to the candidates for attending the trade test/skill test/written test/ proficiency test.
16.	Candidates working under Central / State Govt. / Public Sector Undertakings / Autonomous Bodies/ Universities should produce a 'No Objection Certificate (NOC)' at the time of interview / written test/ skill test/certificate verification without which the Candidate will not be allowed for interview/ written test/ skill test.
17.	The Institute reserves the right not to fill up any or all advertised posts; cancel the advertisement in whole or in part without assigning any reason. The decision of the Institute in this regard shall be final. The Institute strives to have a workforce, which reflects gender balance, and women candidates are encouraged to apply. The decision of the Institute in all matters relating to the eligibility of the candidate, skill/written test and selection shall be final and binding on all the candidates. No correspondence or personal inquiries shall be entertained.
18.	Application forms incomplete in any way or not have required educational / experience certificates / without prescribed application fee or the latest photograph is liable to be rejected without intimation. The submitted photograph must be taken within the last one month.
	Educational qualifications prescribed in this advertisement must have been obtained from a

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20.	First Class degree/post-graduate degree/diploma means and implies 60% marks or an equivalent CGPA in a grade point scale, wherever the grading system is followed.
21.	Wherever 55% of the marks is specified, an equivalent CGPA in a grade point scale, is also accepted.
22.	BE/BTech should be of 4 years duration, Diploma must be of 3 years duration.
23.	'Years of Experience' wherever prescribed is the minimum years of experience required and candidates with longer years of experience may also apply.
24.	'Relevant experience' means experience related to the area of the post advertised. The Screening Committee will determine the relevancy of experience and its decision will be final.
25.	Any legal dispute arising out of the advertisement may be challenged in the High court of Telangana.
26.	All information/corrigendum related to this advertisement/updates on recruitment shall be posted only on the Institute's website. The candidates are advised to check the Institute's website on regular basis.
27.	The last date of closing of online application is 12.11.2023, 05.00 PM IST

-/Sd Registrar IIT Hyderabad

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