Indian Institute of Technology Hyderabad KANDI
502285, Sangareddy District, TELANGANA.
Advertisement No. IITH/2020/Rec/NF/8

01. IIT Hyderabad invites Online applications from Indian Nationals for the following posts:

Post No.	Name of the post	Pay Level and Pay	Age limit	Category & No. of posts					
				SC	ST	OBC	EWS	UR	Total
1	Registrar*	14: 144200 - 218200	55	-	-	-	-	01	01
2	Chief Library Officer	13: 123100 - 215900	50	-	-	-	-	01	01
3	Deputy Registrar	12: 78800 - 209200	50	01	-	01	-	-	02
4	Executive Engineer (Electrical)	11: 67700 - 208700	45	-	-	-	-	01	01
5	Technical Officer Gr-II	11: 67700 – 208700	45	-	-	-	-	01	01
6	Assistant Librarian	11: 67700 – 208700	45	-	-	-	-	01	01
7	Network/Systems Administrator	11: 67700 – 208700	45	-	-	-	-	02	02
8	Assistant Executive Engineer (Civil)	10: 56100 – 177500	45	-	-	-	-	01	01
9	Sports Officer Gr-I	10: 56100 – 177500	45	-	-	01	-	04	05
10	Medical Officer Gr-I	10: 56100 – 177500	45	-	-	-	-	01	01
11	Lady Medical Officer Gr-I	10: 56100 – 177500	45	-	-	-	-	01	01
12	Technical Officer Gr-I	10: 56100 – 177500	45	-	-	-	-	02	02
13	Assistant Registrar**	10: 56100 – 177500	45	-	01	01	01	01	04
14	Bio-Safety Officer	10: 56100 – 177500	45	-	-	-	-	01	01
15	Veterinary Doctor	10: 56100 – 177500	45	-	-	-	-	01	01
16	Psychological Counsellor	08: 47600 – 151100	40	-	-	-	-	01	01
17	Assistant Engineer (Civil)***	08: 47600 – 151100	40	-	-	-	-	03	03
18	Assistant Engineer (Electrical)	08: 47600 – 151100	40	-	-	-	-	01	01
19	Executive Assistant****	06: 35400 – 112400	35	02	-	06	03	07	18
20	Library Information Assistant	06: 35400 – 112400	35	-	-	-	-	02	02
21	Hospitality Management Assistant	06: 35400 – 112400	35	-	-	-	-	02	02
22	Physiotherapist	06: 35400 – 112400	35	-	-	-	-	01	01
23	Physical Training Instructor	06: 35400 – 112400	35	-	-	-	-	01	01
24	Lady Physical Training Instructor	06: 35400 - 112400	35	-	-	-	-	01	01
25	Junior Engineer (Civil)	06: 35400 – 112400	35	01	-	01	-	01	03
26	Junior Engineer (Electrical)*****	06: 35400 – 112400	35	-	-	-	-	02	02
27	Junior Accountant	04: 25500 – 81100	35	01	-	02	-	03	06
28	Junior Assistant	03: 21700 – 69100	35	-	-	-	01	01	02
29	Junior Technician	03: 21700 – 69100	35	03	04	09	06	14	36
30	Multi Skill Assistant Gr-I	01: 18000 – 56900	30	03	02	06	02	09	22
31	Technical Superintendent	08: 47600 – 151100	40	04	02	07	04	09	26
	Total			15	09	34	17	77	152

Notes:
- * Anticipated vacancy from 01st May 2020. The post of Registrar is on Contract for a period of 5 years.
- ** Assistant Registrar: Category UR vacancy is against post on which an individual holds 'Lien'. In case the individual joins back IITH, the selected candidate will be reverted to parent office and/or post previously held as the case may be.
- *** Includes two future vacancies anticipated up to 31st August 2020. The number of posts actually filled may be less, if future vacancies do not materialize

- **** Includes future vacancies anticipated up to 31st March 2020. The number of posts actually filled may be less, if future vacancies do not materialize.
- ***** Includes one future vacancy anticipated up to 31st August 2020. The number of posts actually filled may be less, if future vacancies do not materialize.
- Last date of submission of online application forms is 17.02.2020 up to 5:00 pm.
- The age shall be determined as on the last date of the submission of application form (17.02.2020).

Abbreviations:

SC – Scheduled Caste	**ST** – Scheduled Tribe	**OBC** – Other Backward Classes	**EWS**: Economically Weaker Sections	**UR** – Unreserved

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

Post No. 01 to 15	Cycle 2	One post is reserved for VH or HH or Autism.
Post No. 16 to 26 & 31	Cycle 2	One post is reserved for VH or HH or Autism.
Post No. 27 to 30	Cycle 2	One post is reserved for VH or HH or Autism.

03. For Persons with Disabilities (PWD) with minimum 40% disability:

Post No.	Name of the post	Categories of Disabled suitable for jobs	Physical requirements	Posts Identified for the following disabilities
01	Registrar	OL, BL, OA, OAL, LV, HH, B.	MF, H, L, S, SE, ST, W.	OH, VH, HH.
02	Chief Library Officer	OL, OA, HH.	B, F, H, L, PP, S, SE, ST, W.	OH, HH.
03	Deputy Registrar	OL, BL, OA, OAL, LV, HH, B.	MF, H, L, S, SE, ST, W.	OH, VH, HH.
04	Executive Engineer (Electrical)	OL, HH.	BN, MF, CL,KC, L, PP, RW, S, SE, ST, W	OH, HH.
05	Technical Officer Gr-II	OL, HH.	BN, C, CL, MF, H, KC, L, PP, RW, S, SE, ST, W.	OH, HH.
06	Assistant Librarian	S, ST, W, BN, SE, C.	OL, OA, LV, HH.	OH, VH, HH.
07	Network/Systems Administrator	OL, HH.	BN, CL, MF, H, L, PP, S, SE, ST, W.	OH, HH,
08	Assistant Executive Engineer (Civil)	OL, OA, HH.	BN, CL, MF, KC, L, PP, RW, S, SE, ST, W	OH, HH.
10 11	Medical Officer Gr-I Lady Medical Officer Gr-I	OA, OL.	BN, MF, H, L, S, SE, ST, W.	OH.
12	Technical Officer Gr-I	OL, HH.	BN, C, CL, MF, H, KC, L, PP, RW, S, SE, ST, W.	OH, HH.
13	Assistant Registrar	OL, BL, OA, OAL, LV, HH, B.	MF, H, L, S, SE, ST, W.	OH, VH, HH.
14	Bio-Safety Officer	OA, OL.	BN, MF, H, L, S, SE, ST, W.	OH.
15	Veterinary Doctor	OA, OL.	BN, MF, H, L, S, SE, ST, W.	OH.
16	Psychological Counselor	OA, OL, BL.	MF, H, S, SE.	OH.
17	Assistant Engineer (Civil)	OL, OA, HH.	BN, CL, MF, KC, L, PP, RW, S, SE, ST, W.	OH, HH.
18	Assistant Engineer (Electrical)	OL, HH.	BN, MF, CL, KC, L, PP, RW, S, SE, ST, W	OH, HH.

19	Executive Assistant	OL, OA, BL, HH, B, LV, OLA, BLOA.	MF, H, L, S, SE, ST, W.	OH, VH, HH.
20	Library Information Assistant	OA,OL,HH	S,BN,SE,RW,MF	OH, HH.
21	Hospitality Management Assistant	S, RW, W, ST, BN, MF, S, RW.	OA, OL, BL, LV.	OH, HH.
22	Physiotherapist	OL, BL, B, LV, HH.	S, ST, W, BN, MF, R, W, SE, H, C	OH,HH.
25	Junior Engineer (Civil)	OL, OA, HH.	BN, CL, MF, KC, L, PP, RW, S, SE, ST, W	OH, HH.
26	Junior Engineer (Electrical)	OL, HH.	BN, CL, MF, KC, L, PP, RW, S, SE, ST, W	OH, HH.
27	Junior Accountant	OL, OA, OAL, BL, HH.	MF, H, L, S, SE, ST, W.	OH, HH.
28	Junior Assistant	OL, OA, OAL, BL, B, LV, HH.	MF, H, L, S, SE, ST, W.	OH, HH.
29	Junior Technician	OA, OL, BL, HH.	BN, MF, H, KC, L, PP, S, SE, ST, W.	OH, HH.
30	Multi Skill Assistant Gr-I	OL, OA, HH, LV.	BN, MF, H, L, PP, S, SE, ST, W.	OH, VH, HH.
31	Technical Superintendent	OA.OL	BN, CL, CRL, MF, H, KC, L, PP, S, SE, ST, W.	OH.

Abbreviations:

OL – one leg.	**BL –** both legs.	**OA –** one arm.	**BLOA –** Both legs and one arm.

OAL – one arm and one leg.	**B –** Blind.	**LV –** low vision.	**HH –** hearing impaired.

Physical requirements:

BN – Bending.	**H** – Hearing.	**MF** – Manipulating with fingers.	**SE** – Seeing.
C – Communication.	**JU** – Jumping.	**PP** – Pulling and pushing.	**ST** – Standing.
CL – Climbing.	**KC** – Kneeling and crouching.	**RW –** Reading and Writing.	**W** – Walking.
CRL – Crawling.	**L** – Lifting.	**S** – Sitting.	**-**

04.	**Relaxation in age limit**	**Category**	**Age relaxation**
		Reservation policy as per GoI norms is followed.	
		SC/ST	5 years against reserved posts only.
		OBC	3 years against reserved posts only.
		PWD with minimum 40% disability	15 years for SC/ST, 13 years for OBC, 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.

05. Post, category, qualifications, experience, knowledge, etc. for the posts.

Post	**Category**	**Qualifications, experience, knowledge, etc.**

Post No.01 Registrar	UR:01	**Essential: a)** Master's degree in any discipline with at least 55% marks, **and b)** at least 15 years of experience as Assistant Professor in the Academic Level 11 and above or with at least 8 years of service in the Academic Level 12 and above including as Associate Professor along with experience in educational administration; OR Comparable experience in research establishment and/or other institutions of higher education; OR at least 15 years of administrative experience of which 8 years shall be as Deputy Registrar or an equivalent post. **Desirable:** Bachelor's degree in Law.
Post No.02 Chief Library Officer	UR:01	**Essential: a)** First Class Master's Degree in Library Science/Information Science/ Documentation Science, **and b)** at least 5 years of experience as a Deputy Librarian in pay level 12 or equivalent scale in the library under CFTI/University or autonomous organization on computerizing library activities, **and c)** Evidence of innovative library services, including integration of ICT in a library. **Desirable:** Post Graduate Diploma in computer applications in library or PGDCA from a recognized university or Institute.
Post No.03 Deputy Registrar	SC:01 OBC:01	**Essential: a)** Master's Degree in any discipline with at least 55% marks, **and b)** 9 years of experience as Assistant Professor in the Academic Level 10 and above with experience in educational administration; **OR** Comparable experience in research establishment and/or other institutions of higher education, **OR** 5 years of administrative experience as Assistant Registrar or an equivalent post.

Post No. 04 Executive Engineer (Electrical)	UR:01	**Essential: a)** First Class BTech/BE in Electrical Engineering, **and b)** at least 10 years of relevant experience, out of which 6 years should be in Pay Level 7 and above or equivalent **OR** 3 years should be in Pay Level 10 and above or equivalent after the qualifying Degree. Relevant experience should be from CPWD/State PWD, Centrally Funded Institutions, or similar organized services/PSU, Statutory or Autonomous Organizations/Universities/reputed organization under Central/State Government or equivalent in reputed private organization. **Desirable: a)** Experience in National/International construction management, practice including CPWD practices. **b)** Building Information Modelling and related Software, **c)** Knowledge of Auto CAD (Computer Aided Design (CAD) and Project management software, **or d)** Computer literacy and experience of working with computer office applications.
Post No. 05 Technical Officer Gr-II	UR: 01	**Essential**: **a)** First Class BTech/BE in Mechanical/Production/ Manufacturing Engineering, **and b)** at least 10 years of experience of mechanical workshop operation and maintenance in engineering institute or training center or laboratory of repute. **Desirable: a)** Experience in maintenance and operation of conventional and advanced machines in fabrication shop, **b)** Experience of managing multi-machine set-up including automated, CNC and manual machines in an engineering institute or training center of repute, **c)** Development and commissioning of experimental set-ups/test rigs, **or d)** Maintaining stores and records.
Post No. 06 Assistant Librarian	UR:01	**Essential: a)** First Class Master's Degree in Library Science/Information Science/ Documentation Science or an equivalent professional degree, **and b)** at least 5 years of professional experience in a Library under CFTI/State/ Autonomous or statuary organization/PSU/University or recognized research or educational Institution. **Desirable: a)** PG Diploma in Library Automation and Networking or PGDCA or equivalent. **or b)** Post Graduate Diploma in computer applications in library or PGDCA

Post No. 07 Network/ Systems Administrator	UR: 02	**Essential: a)** First Class MTech/ME/MS in Computer Science/IT/ Electronics, **b)** at least 4 years of hands-on experience on network/ system/cloud administration/architect/security activities, **and c)** CCNA/CCDA/CCNP/ CCIE/CCDE/CCAR certification from Cisco or Windows/Linux/Unix System Administration/Architect certification from LPI/Red Hat/Oracle/Microsoft/ AWS.
Post No. 08 Assistant Executive Engineer (Civil)	UR:01	**Essential: a)** First Class BTech/BE or equivalent degree in Civil Engineering, **and b)** at least 8 years of relevant experience, out of which at least 4 years should be in Pay Level 7 and above or equivalent. Relevant experience should be from CPWD/State PWD, Centrally funded Institutions, or similar organized services/PSU, Statutory or Autonomous Organizations/ Universities/reputed organization under Central/State Government or equivalent in reputed private organization. **Desirable: a)** Knowledge of Computer Aided Design (CAD) and latest Construction Management or other relevant software, **b)** Experience in National/International construction management and CPWD practices or **c)** Should have computer literacy and experience of working with computer office applications.
Post No. 09 Sports Officer Gr-I	OBC:01 UR: 04	**Essential: a)** Bachelor's Degree in any discipline with at least 55% marks, **b)** Master's Degree (full time) in Physical Education/Sports Science with at least 55% marks, **c)** N.I.S Coaching Diploma, **and d)** at least 6 years of full time experience after the Bachelor's degree **OR** at least 4 years of full time experience after the Master's degree. **Desirable: a)** Coaching experience in Swimming/Football/Hockey/ Cricket/Volleyball/Basketball/Badminton/Tennis/Table Tennis/Athletics, **b)** Representation at State or National Level in Swimming/Football/Hockey/ Cricket/Volleyball/Basketball/Badminton/Tennis/Table Tennis/Athletics, **c)** at least 1 year of work experience in Govt./Autonomous Bodies or University or College and **d)** Medal winners in state and/or national games will be given preference.

		Selection Process: Through interview. Applicants may be required to pass a test on knowledge/skills of relevant sports. **Female candidates are encouraged to apply.**
Post No. 10 Medical Officer Gr-I	UR:01	**Essential: a)** MBBS degree with at least 55% marks, **and b)** at least 6 years of experience **OR** at least two years of specialization in any area **and** at least 3 years of experience after the specialization.
Post No. 11 Lady Medical Officer Gr-I	UR:01	**Note: a)** Experience should be after completing internship, out of which a minimum of 3 years should be in an established Hospital/Health Center/ Dispensary attached to institutions of repute/Public Sector Units, **b)** possess Permanent Registration Number, **and c)** stay on campus mandatory. **Desirable :** Master or Diploma in OG/ Pediatrics/ Emergency Medicine.
Post No. 12 Technical Officer Gr-I	UR: 02	**1. Microelectronics & VLSI** - **Essential: a)** First Class MTech/ME in Nano electronics/Microelectronics/VLSI/Embedded Systems, **and b)** at least 8 years of relevant experience of which at least 3 years of experience at postgraduate level in conducting experimental research. **Desirable: a)** Strong hands-on experience in the area of semiconductor/ MEMS device fabrication with experience in processes such as lithography, deposition, etching, etc., **b)** Good understanding of various material and process characterization tools and techniques, **c)** Familiarity with semiconductor cleanroom protocols, safety norms, chemical waste disposal management, handling hazardous gases, **d)** Publications in refereed journals/conferences, and **e)** Strong communication and interpersonal skills.

		2. **Power & Control - Essentia**l: **a)** First Class MTech/ME in Power Electronics/Power Systems/Control/Instrumentation, and **b)** at least 8 years of relevant experience of which at least 3 years of experience at postgraduate level in conducting experimental research. **Desirable: i)** Strong communication skills, **and ii) - a)** Experience in experimental research, **b)** Experience in lab establishment, **c)** Proficiency in hardware experimentation related to power electronic converters, **d)** PCB design, **e)** Strong programming skills with proficiency in C/Python/LabVIEW, MATLAB, and **f)** Familiarity with application software like PSS/E, PSCAD, Power World Simulator, DigSilent, FPGA & DSP Programming, Network Programming.
Post No.13 **Assistant** **Registrar**	ST:01 OBC:01 EWS:01 UR:01	**Essential**: **a)** Master's Degree in any discipline with at least 55% marks, **and b)** Experience of Administration/Accounts/Establishment/Academics/ Materials Management/Hostels Administration/Legal services under the Central Government/Central Autonomous or Statutory Bodies/Central Universities: (1) at least 7 years in Pay Level 6; **OR** (2) at least 3 years in Pay Level 7/8 or above. **OR** CA/CMA/CS with at least 3 years of experience in Accounts/ Administration/ Establishment/ Academics/ Materials Management/ Hostels Administration/legal services. **Desirable: Familiarity with:** working procedures in a higher technological/educational institution; FR, SR, GFR, CPWD Manual & computer applications.
Post No. 14 **Bio-Safety** **Officer**	UR: 01	**Essential: a)** First Class MSc in Animal Sciences/Animal Biotechnology, **and b)** at least 2 years of relevant experience; **OR a)** First Class MTech in Biomedical Engineering/Animal Biotechnology/Clinical Engineering, **and b)** at least 1 year of relevant experience. **Desirable: i)** Excellent communication skills (oral and written), **and ii) - a)** Experience in Handling the Biosafety Operations, Biosafety Audit, preparation and documentation of Standard Operation Protocols and biosafety manuals, **b)** Experience in conducting trainings in Biosafety education and maintenance of Records, **c)** Hands on experience with biological agents and materials (bacteria/virus/cell culture/recombinant DNA technology/ animal models), **and d)** Knowledge and roles of ethics committees in clinical, preclinical and stem cell research and their functioning.
Post No. 15 **Veterinary** **Doctor**	UR: 01	**Essential:** First Class BVSc, **and b)** at least 3 years of relevant experience **OR a)** First Class MVSc, **and b)** at least 1 year of relevant experience. **Desirable: a)** Specialization in Veterinary Pathology Training in Laboratory

		Animal management or Experience in operating and maintaining Laboratory Animal Facility in any Reputed Research Institute/Lab, **b)** Handling, breeding and maintenance of laboratory animals, particularly inbred strains, **c)** Research experience using laboratory animals. Experience in histopathology, health monitoring and genetic monitoring techniques, and **d)** Good Knowledge of CPCSEA guidelines.
Post No. 16 **Psychological** **Counselor**	UR: 01	**Essential**: **a)** Master's Degree in Psychology with at least 55% Marks, **and b)** at least 2 years of experience in counselling as a clinical psychologist in a medical or academic institute of repute, in Pay Level 6 or equivalent, **and c)** stay in campus mandatory. **Desirable:** Experience in counselling young adults living in a residential campus of an academic institution of repute.

Post No. 17 Assistant Engineer (Civil)	UR: 03	**Essential: a)** First Class BTech/BE in Civil Engineering, **and b)** at least 5 years of relevant experience, out of which at least 4 years should be in Pay Level 6 and above or equivalent. Experience shall be in any Central Government organization/ Central PSU/ State PWD/ State Engineering departments in the cadre of Junior Engineer. **Desirable: a)** Knowledge of drafting software like Auto CAD, and latest Construction Management or other relevant software and **b)** Should have computer literacy and experience of working with computer office applications.
Post No. 18 Assistant Engineer (Electrical)	UR: 01	**Essential: a)** First Class BTech/BE in Electrical Engineering, **and b)** at least 5 years of relevant experience, out of which at least 4 years should be in Pay Level 6 and above or equivalent. Experience shall be in any Central Government organization/ Central PSU/ State PWD/ State Engineering departments in the cadre of Junior Engineer. **Desirable: a)** Knowledge of drafting software like Auto CAD, and latest Construction Management or other relevant software **and b)** Should have computer literacy and experience of working with computer office applications.
Post No.19 Executive Assistant	SC:02 OBC:06 EWS:03 UR:07	**Essential: a)** Bachelor's Degree in any discipline with at least 55% marks, with knowledge of Computer Applications, **OR** Diploma in Computer Applications with first class, **OR** Diploma in Commercial and Computers Practice (DCCP) with first class, **b)** at least 5 years of experience in establishment/accounts/audit/materials management/hostel/recruitment/ hospital management/import-export/ general administration.
Post No. 20 Library Information Assistant	UR: 02	**Essential: a)** First Class Master's Degree in Library Science/Information Science/ Documentation Science or an equivalent professional degree, with superior knowledge of computerized library service, **and b)** 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. **Desirable: a)** PG Diploma in Library Automation and Networking, or equivalent. **or b)** Post Graduate Diploma in computer applications in library or PGDCA.
Post No. 21 Hospitality Management Assistant	UR: 02	**Essential: a)** First Class Bachelor's Degree in Hospitality/Hotel/Catering Management, **and b)** at least 5 years of experience in hotels/hostels of Educational Institution/Guest Houses of Public Sector Undertaking/ Government Organization, etc. **Desirable: a)** Fluency in English, both speaking and writing **and b)** Proficiency in the use of MS Office (MS Word, Excel, Power-point).
Post No. 22 Physiotherapist	UR: 01	**Essential: a)** First Class Bachelor's Degree in Physiotherapy, **and b)** at least 3 years of experience **OR a)** First Class Master's Degree in Physiotherapy, **and b)** at least 1 year of experience. **Preferable**: Master's Degree in Physiotherapy.
Post No. 23 Physical Training Instructor	UR: 01	**Essential: a)** Bachelor's Degree in any discipline from a recognized university/institute with at least 55% marks, **along with i)** Bachelor degree in Physical Education (BPEd) or Sports Science or its equivalent qualification with at least 55% marks, **OR ii)** Master's Degree (full time) in Physical Education/ Sports Science with at least 55% marks, **and b)** at least 2 years of full time coaching experience in a recognized university/Institute. **Note:** Master's Degree as in (a) (ii) above will be counted as 1 year of
Post No. 24 Lady Physical Training	UR:01	

Instructor		experience. **Desirable: a)** Coaching experience in Cricket/Swimming/Volleyball/ Basketball/Badminton/Tennis/Table Tennis/Athletics/Gymnasium, **b)** Representation at State or National Level in Cricket/Swimming/ Volleyball/Basketball/Badminton/Tennis/Table Tennis/Athletics/Gym. (weightlifting etc.), and **c)** At least one year of work experience in Govt. / Autonomous Bodies or University or College. **Note:** Medal winners in state and national games will be given weightage. **Selection Process:** Through interview. Applicants may be required to pass a test on knowledge/skills of relevant sports.
Post No.25 Junior Engineer (Civil)	SC:01 OBC:01 UR:01	**Essential:** First Class BTech/BE in Civil Engineering, **and b)** at least 3 years of relevant experience. Experience shall be in any state/central government; OR reputed international/national companies.
Post No.26 Junior Engineer (Electrical)	UR:02	**Essential:** First Class BTech/BE in Electrical Engineering, **and b)** at least 3 years of relevant experience. Experience shall be in any state/central government; OR reputed international/national companies.
Post No.27 Junior Accountant	SC:01 OBC:02 UR:03	**Essential: a**) BCom with at least 55% marks, **and b)** 2 years of relevant experience, **and c)** knowledge of accounting software.
Post No.28 Junior Assistant	EWS:01 UR:01	**Essential: a**) Bachelor's degree in any discipline with at least 55% marks, **b)** at least 2 years of relevant experience in handling accounts, audit, purchase, import and/or establishment matters, **and c)** Knowledge of Computer Applications.
Post No. 29 Junior Technician		**See Table No. 1**
Post No.30 Multi Skill Assistant Gr-I General.		**See Table No. 2**
Post No. 31 Technical Superintendent		**See Table No. 3**

Table 1 – Area for Post No. 29 – Junior Technician

Area	Category	Qualifications, experience, knowledge, etc.
Biomedical Engineering	SC: 01 OBC: 01	**Essential:** First Class BTech/BE in Electrical/Instrumentation/ Electronics/Biomedical Engineering/Engineering Physics/Photonics, **OR** First Class MSc in Electronics/Instrumentation/ Photonics, **OR** First Class Diploma in Instrumentation/Biomedical Engineering, with at least 2 years of relevant experience.
Biotechnology	UR: 01	**Essential:** First Class BTech/BE in Biotechnology **OR** First Class MSc in Biology, **OR** First Class Diploma in Biology or Biotechnology, with at least 2 years of relevant experience and knowledge of computer applications.

Central Workshop	OBC: 01	**Essential:** First Class Diploma or higher qualification in Mechanical/ Manufacturing/ Production or equivalent specializations, with at least 2 years of relevant experience; **OR** First Class ITI in Turning/Machining/ Welding/Fitting, with at least 5 years of relevant experience. **Desirable**: **a)** Good English communication skills; **and b)** Experience in Lathe & milling machines, both manual and CNC; Fiber Reinforced Plastic Manufacturing/Injection moulding; CAD/CAM and tool room operations; Pneumatic and sensors; Mechanical testing & characterization; Fabrication of test rigs; Automated and robotic welding machine; Electrical/Mechanical maintenance of workshop machines.
Chemical Engineering	OBC: 01 EWS: 01 UR: 01	**Essential:** First Class BTech/BE in Chemical Engineering, **OR** First Class Diploma in Chemical Engineering, with at least 2 years of experience in relevant area.
Chemistry	ST: 02	**Essential:** First Class BSc in Chemistry, and at least 3 years of experience

	OBC: 01 UR: 01	in relevant area.
Civil Engineering	OBC: 01 UR: 01	**Essential:** First Class BTech/BE in Civil Engineering, **OR** First Class Diploma in Civil Engineering, with at least 2 years of experience in the relevant area
CMD (Electrical Supervisor)	UR: 01	**Essential:** First Class Diploma in Electrical Engineering, and 33 KV license with at least 5 years of experience in 33 KV MRS, 11 KV substations, HT and LT equipment; **OR** First Class ITI in Electrician Trade, and 33 KV license with at least 10 years of experience in 33 KV Main Receiving Station, Operation, and troubleshooting of panels in the Main Receiving Station (MRS) and 11 KV substations, metering and maintenance of HT lines.
Computer Center	UR: 01	**Essential:** First Class BTech/BE/MCA/MSc in Computer Science/IT/ Electronics, with at least 2 years of experience in the relevant area **Desirable:** CCNA/CCDA/CCNP/CCIE/CCDE/CCAr certification from Cisco or Windows/Linux/Unix System Administration/Architect certification from LPI/Red Hat/Oracle/Microsoft/AWS
Computer Science & Engineering	ST: 01 OBC: 01 EWS: 01	**Essential:** First Class BTech/BE/MCA/MSc in Computer Science/IT/ Electronics, with at least 2 years of experience in the relevant area. **Desirable:** CCNA/CCDA/CCNP/CCIE/CCDE/CCAr certification from Cisco or Windows/Linux/Unix System Administration/Architect certification from LPI/Red Hat/Oracle/Microsoft/AWS.
Design	SC: 01	**Essential:** **a)** First Class Diploma in Fine Arts/Design/Metal work/Architecture, and at least 3 years of experience in the relevant field, **OR** 4 years Bachelor's degree in Fine Arts/Design/Architecture/ Engineering/Technology with first class, with at least 2 years of experience in the relevant field, **and b)** Knowledge of working with welding, Lathe, CNC, Laser cutting, Architecture, vacuum form, Molding, clay modeling, Kiln work, 3D Printing. **Desirable:** Experience of working in Design Institute/Department/Design Studio. Knowledge of computer applications like CAD, CNC etc.
Electrical Engineering	ST: 01 OBC :01 EWS: 01 UR: 02	**02 posts - Communications & Signal Processing**: **Essential:** First Class BTech/BE in Electronics & Communication Engineering, **OR** First Class Diploma in Communications/Signal Processing, and knowledge of computer applications with at least 2 years of relevant experience. **Desirable:** Hands on experience with oscilloscopes, signal generators, waveform analyzer, programmable FPGAs, USRPs, and other communications and signal processing hardware.

		01 post - Power Electronics and Power Systems: **Essential:** First Class BTech/BE in Electrical Engineering, **OR** First Class Diploma in Electrical Engineering, with at least 2 years of relevant experience. **Desirable: a)** Proficiency in hardware experimentation related to power electronic converters, **b)** PCB design, and **(c)** Good communication skills.
		01 post - Microelectronics & VLSI: **Essential:** First Class BTech/BE in Electronics/Electrical Engineering, **OR** First Class Diploma in Electronics/Electrical Engineering, and knowledge of Computer Applications with at least 2 years of relevant experience. **Desirable:** PCB board design, soldering & ESD, High-end chip characterization & instrument handling, Chip characterization knowledge, Scripting knowledge.
		01 post - Systems & Control: **Essential:** First Class BTech/BE in Electrical/Instrumentation Engineering, **OR** First Class Diploma in Electrical/Instrumentation Engineering, and knowledge of Computer Applications with at least 2 years of relevant experience. **Desirable: a)** Working knowledge of MATLAB, Mathematica, and **b)** Understanding and configuring hardware drivers.
Liberal Arts	UR: 01	**Essential:** Bachelor's Degree in Arts (other than Science and Engg.) with 55% Marks, with at least 2 years of experience in web design, data management, or image processing
		Desirable: Master's Degree with 55% Marks.
Materials Science and Metallurgical Engineering	EWS: 01 UR: 01	**Essential:** First Class Diploma in Metallurgical Engineering/Material Science/ Mechanical, with at least 2 years of relevant experience. **Desirable: a)** Experience in Operation and handling of various furnaces, **b)** Experience in Sample preparation, Polishing, metallography works/ cutting tools/ EDM wire cutting, etc. **c)** Handling and Operation of Material Testing equipment; and **d)** Experience on foundry/metal casting/moulding etc.
	UR: 01	**Essential:** First Class Diploma in Instrumentation/Electrical/Electronics Engineering, with at least 2 years of relevant experience; **OR** First Class BSc in Physics, with at least 3 years of relevant experience. **Desirable:** Experience in physical property measurement and instrumentation
	UR: 01	**Essential:** First Class BSc in Biochemistry/Biology/Chemistry/Pharma or related areas, with at least 3 years of relevant experience. **Desirable:** Experience in Biochemical Labs & related equipment.
Mechanical And Aerospace Engineering	SC: 01	**Essential:** First Class BTech/BE in Mechanical/Electronics and Communication/ Mechatronics Engineering, with at least 2 years of experience in the relevant area. **Desirable:** Experience in (a) operating CNC machines, (b) electrical wiring and soldering electronic components on PCB or veroboard, (c) Arduino programming, (d) operating conventional lathe, milling, and drilling machines, (e) operating pneumatic and hydraulic equipment
	OBC: 01	**Essential:** First Class ITI Turner/Machinist, with at least 8 years of relevant experience. **Desirable: a)** Exposure to composite laminate machining; and/or **b)** Must be able to operate CNC turning, CNC Milling, Cylindrical Grinding, Conventional Milling, Conventional Lathe equipment.
	EWS:01	**Essential:** First Class BTech/BE in Mechanical/Aerospace/Automobile/ Production/ Mechatronics Engineering, **OR** First Class Diploma in Mechanical/ Aerospace/Automobile/Production/Mechatronics Engg., with at least 2 years of relevant experience. **Desirable: a)** Experience in operation of conventional and advanced machines, Thermal engineering labs, Material testing, **b)** Familiarity with FEM or CFD Software and/or **c)** Exposure to Tool room, Measuring instruments, Installation & commissioning of instruments.

Physics	OBC: 01 EWS: 01 UR: 02	**Essential:** First Class BSc in Physics, with at least 3 years of experience **and** knowledge of Computer Applications.

Table 2, Area for Post No. 30 – Multi Skill Assistant Gr-I.

Area	Category	Qualifications, experience, knowledge, etc.
Carpenter	UR:01	**Essential:** First Class ITI in Fitter/Carpentry Trade, with at least 5 years of industry experience as carpenter handling carpentry works in buildings and maintenance works, including attending complaints related to all wood work, making, fixing, repairs of doors, windows, repairs of furniture, varnishing and spirit polishing, all related to carpentry in building construction.
Electrical	OBC:01	**Essential:** First Class ITI in Electrician Trade, with at least 5 years of experience in 33KV MRS, 11 KV substations, HT equipment, including shift duty in 33 KV MRS and 11 KV substations.
General	SC:03 ST:02 OBC:04 EWS:02 UR:08	**Essential: a)** First class in 12th standard examination, with at least 2 years of experience in one or more of – physical maintenance of records, photocopying, sending FAX, diary of receipts and outgoing records/papers, dispatch, delivering dak, **and b)** basic knowledge of MS Word, MS Excel, and setting up Power Point presentation. Applications with higher qualifications will be disqualified.
Plumber	OBC:01	**Essential:** First Class ITI in Fitter Trade, with at least 5 years of experience in maintenance works, including attending complaints related to sanitary and water supply fixtures, laying and fixing plumbing lines of GI, CPVC, PPR and UPVC, fixing and maintaining various water supply values, shift duty in Water treatment plant and pumping stations.

Table 3, Area for Post No. 31 – Technical Superintendent

Area	Category	Qualifications, experience, knowledge, etc.
Artificial Intelligence	UR: 01	**Essential:** First Class BTech/BE/MCA in Computer Science/IT/ Electronics, with at least 3 years of hands-on experience on network/system administration or related areas, **OR** First Class MTech/ ME/MS in Computer Science/IT/Electronics or related areas. **Desirable: a)** Strong communication skills, especially in English, **and b)** CCNA/CCDA/CCNP certification from Cisco or Windows/Unix/Linux System Administration certification from LPI/Red Hat/Oracle/Microsoft, Knowledge/hands-on experience in design/deployment/management of HPC facilities/data centers, and/or Familiarity with website design/ maintenance.
Biomedical Engineering	SC: 01	**Essential:** First Class BTech/BE in Biotechnology/Biochemical Engineering/ Chemical Engineering, with at least 3 years of relevant experience, **OR** First Class MSc Biotechnology/Medical Biotechnology/ Biochemistry, with at least 3 years of relevant experience; **OR** First Class MTech in Biotechnology/Medical Biotechnology/Biochemical Engineering. **Desirable**: **a)** Experience handling wet lab equipment and Instruments related to Biotechnology laboratory, and/or **b)** Experience in handling cell culture labs, biological samples, etc.
Chemical Engineering	OBC: 01 EWS: 01 UR: 01	**Essential:** First Class BTech/BE in Chemical Engineering, with at least 3 years relevant experience.

Civil Engineering	SC: 01 ST: 01 UR: 02	**Essential:** First Class BTech/BE in Civil Engineering, with at least 3 years of relevant experience. **Desirable:** Experience in conducting laboratory in Civil Engineering, maintaining equipment, and processing laboratory supplies.
	OBC: 01	**Essential:** First Class BTech/BE in Environmental Engineering, with at least 3 years of relevant experience, **OR** First Class MSc in General/Organic/Inorganic/ Physical Chemistry, with at least 3 years of experience in Instrumentation Lab/Wet Lab., **OR** First Class MTech/ME in Environmental Engineering.
Computer Center	ST: 01 OBC: 01 EWS: 01	**Essential:** First Class BTech/BE/MCA/MSc in Computer Science/IT/ Electronics, with at least 3 years of hands-on experience on network/ system administration/engineering or software/web development activities, **OR** First Class MTech/ME/MS in Computer Science/IT/ Electronics. **Desirable:** CCNA/CCDA/CCNP/CCIE/CCDE/CCAr certification from Cisco **or** Windows/Linux/Unix System Administration/Architect certification from LPI/Red Hat/Oracle/Microsoft/AWS.
Design	OBC: 01	**Essential**: **a)** First Class GDPD/Bachelor's Degree in Design/Fine Arts/ Architecture/Engineering/ Technology, with at least 3 years of relevant experience, **OR** First Class MDes, with at least 1 years of relevant experience **or** First Class PG Diploma from NID, with at least 4 years of experience; **OR** First Class PG certificate from NID, after First Class Bachelor's degree in any subject, with at least 4 years of relevant experience, **and** (b) Good working knowledge of computer based design software(s). **Desirable: a)** Having work experience in Design Institute/Design Department/Design Studio, and/or **b)** Expertise in Product Design/ Virtual and Augmented Reality /Interaction Design/ Film/Sound/Photography.
Electrical Engineering	SC: 01 OBC: 01 EWS: 01 UR: 01	**01 Post** - **Communications & Signal Processing**: **Essential:** First Class MTech/ME in Communications/Signal Processing or related specialization, **OR** First Class BTech/BE in Electronics & Communications Engineering, with 3 years of relevant experience in the area of Communications/Signal Processing. **Desirable: a)** Hands on experience with oscilloscopes, signal generators,
		waveform analyzer, programmable FPGAs, USRPs, and other communications and signal processing hardware, **b)** Excellent programming skills in MATLAB, LabVIEW, CodeComposer Studio, Verilog/VHDL, C, C++, Python, **c)** Knowledge of latest modulation and coding techniques, antenna designs, signal processing algorithms, and/or **d)** Strong communication skills.
		01 Post - **Power Electronics & Power Systems**: **Essential:** First Class MTech/ME in Power Electronics/Power Systems or related specialization, **OR** First Class BTech/BE in Electrical Engineering, with at least 3 years of relevant experience in the area of Power Electronics/Power Systems. **Desirable: a)** Strong communication skills, **and b)** 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.
		01 Post - Systems & Control: **Essential:** First Class MTech/ME in Systems & Control or related specialization, **OR** First Class BTech/BE in Electrical Engineering/Instrumentation Engineering, with at least 3 years of experience in the area of Systems & Control. **Desirable: a)** Strong communication skills, and **b)** Working knowledge of MATLAB, Mathematica, PLC Programming; Understanding and configuring hardware drivers, and/or Experience of working with experimental laboratory setups.

		01 Post - Microelectronics & VLSI: **Essential:** First Class MTech/ME in Nano electronic/Microelectronic/ VLSI/Embedded Systems or related specialization, **OR** First Class BTech/BE in Electronics/Electrical Engineering, with at least 3 years of relevant experience in the area of Microelectronics/VLSI. **Desirable: a)** Strong communication skills, **and b)** Configuration and in-depth understanding of EDA and TCAD tools like CADENCE, SYNOPSYS, SENTAURUS, MENTOR GRAPHICS etc.; System and network administration skills with proficiency in programming and scripting, and/or Foundry PDK and EDA flow understanding on Analog, Digital & Device design.
Materials Science and Metallurgical Engineering	SC: 01 EWS: 01 UR: 02	**Essential: a)** First Class BTech/BE in Metallurgical Engineering/Material Science/ Mechanical Engineering/Electrical/Electronics/Instrumentation, with at least 3 years of relevant experience, **OR** MSc in Physics/Chemistry, and at least 3 years of relevant experience, **and b)** Experience in Operation and maintenance of materials processing/ characterization/ testing. **Desirable: a)** Operation and maintenance of various furnaces such as induction melting/ arc-melting furnaces/ spark plasma sintering furnaces/ hot press/ heat treatment furnaces, etc. **b)** Electron microscopes (SEM/ TEM)/Thermal Analysis Equipment such as DSC/DTA/TGA, etc., **c)** Sample preparation, Polishing, metallography works/ cutting tools/ EDM wire cutting, etc., **d)** Material Testing equipment such as Universal Testing Machine/Hardness/Impact tester/Creep/ Nano-Indenter/Rolling/forging/ extrusion, etc., **e)** Foundry/metal casting/moulding etc., and/or **(f)** XRD/ AFM/UV/Sputtering/Pulse laser deposition, etc.
Mathematics	UR : 01	**Essential**: First Class BTech/BE/MCA in Computer Science/IT/ Electronics or related areas, with at least 3 years of hands-on experience on network/ system administration or related areas, **OR** First Class MTech/ME/MS in Computer Science/IT/Electronics or related areas. **Desirable: a)** Strong communication skills, **and b)** CNA/CCDA/CCNP certification from Cisco or Windows/Linux/Unix System Administration certification from LPI/ Red Hat/ Oracle/Microsoft, and/or Knowledge/ hands-on experience in design/ deployment/management of HPC facilities/data centers.
Mechanical and Aerospace **Engineering**	UR: 01	**Essential:** First Class BTech/BE in Computer Science & Engineering, with at least 3 years of relevant experience, **and** Certification in Network/system administration and valid CCNA/CCDA/CCNP certification from Cisco or valid Linux/Unix System Administration certification from LPI/Red Hat/Oracle. **Desirable: a)** Experience in clusters management: HPC Queue Management, job scheduling, cluster health monitoring, storage and quota management, websites building using HTML/CSS/PHP/JS, **b)** Experience in Linux and Windows installations, License management in clusters and workstations, **and c)** technical know-how of mechanical software such as FEM, CFD, Multibody, CAD, CAM software.
	OBC: 01	**Essential:** First Class BTech/BE in Mechanical/Automobile/Production/ Manufacturing/Aerospace, with at least 3 years of relevant experience. **Desirable: a)** Experience in operation of conventional and advanced machines, Thermal engineering labs, Material testing, **b)** Familiarity with FEM or CFD Software, and/or **c)** Exposure to Tool room, Measuring instruments, Installation & commissioning of instruments.
Physics	OBC: 01	**Essential:** First Class MSc in Physics/Electronics/Applied Physics/ Photonics, and at least 3 years of relevant experience, **OR** First class BTech/BE in Electrical/Electrical & Electronics/ECE/Instrumentation/ Engineering Physics, with at least 3 years of relevant experience. **Desirable:** Experience in Physics/Instrumentation/Electronics Lab.

07.General instructions:

1.	Candidates are required to submit ONLINE applications only. OFFLINE applications, if submitted, will be summarily rejected.
2.	Online mode of applications can be accessed through the link: https://recruitment.iith.ac.in/
3.	Please read 'General Instructions' to the candidates on the inline application portal carefully.
4.	Candidates will be short-listed for Test/Interview on the basis of the information provided by them in their online applications. They must ensure that such information is true. If at any subsequent stage or at the time of Test/Interview any information given by them or any claim made by them in their online applications is found to be false, their candidature will be liable to be rejected
5.	Calling a candidate for 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.
6.	The Institute reserves the right to restrict the number of candidates for written / skill test / interview to a reasonable limit on the basis of qualifications, level and relevance of experience higher than the minimum prescribed in the advertisement and other academic achievements. The Institute also reserves the right of rejecting any or all the applications without assigning any reasons therefore.
7.	Applications will be summarily rejected if all the relevant certificates are not uploaded as per the instructions.
8.	The Institute has a right to decide the mode of screening and testing the applicant for shortlisting and selection.
9.	Interim correspondence will not be entertained and replied to.
10.	Candidates should satisfy themselves, before applying, that they possess at least the minimum essential qualifications, knowledge, and experience laid down in the advertisement.
11.	In case of any inadvertent mistake in the process of selection which may be detected at any stage even after the issue of offer of appointment, the Institute reserves the right to withdraw/cancel/modify any communication made to the candidates.
12.	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 and the decision of the Institute in this regard shall be final
13.	Any legal dispute arises out of the advertisement may be challenged in the high court of Telangana
14.	Candidates, who has to submit through proper channel, are requested to apply online which will be treated as an Advance Copy, and are required to produce 'No Objection Certificate' at the time of selection process.
15.	Educational qualifications prescribed in this advertisement must have been obtained from a recognized Board/Council/University/Institute.
16.	First Class degree/post graduate degree/diploma means and implies 60% marks or an equivalent CGPA in a grade point scale, wherever grading system is followed.
17.	Where ever 55% of the marks is specified, or an equivalent CGPA in a grade point scale, wherever grading system is followed, is also accepted.
18.	BE/BTech should be of 4 years duration, Diploma must be of 3 years duration.
19.	'Years of Experience' wherever prescribed is the minimum years of experience required and candidates with longer years of experience may also apply.
20.	'Relevant experience' means experience related to the area of the post advertised. Screening Committee will determine relevancy of experience and its decision will be final.
21.	Last date of closing of online application is 17.02.2020, 05.00 p.m.

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