NATIONAL INSTITUTE OF TECHNOLOGY PATNA

(An Institute of National Importance under Ministry of Education, Govt. of India)

ASHOK RAJPATH, PATNA-800 005 (BIHAR)
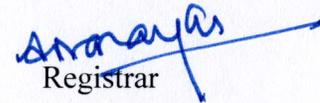
Advertisement No: NITP/Rect./01/2023

Applications in the prescribed format are invited from Indian Nationals for recruitment to the following posts on regular basis at National Institute of Technology Patna, Ashok Rajpath, Patna-800 005.

Sr. No.	Name of the Post	No. of Post	Category		Pay Band & Grade Pay
01.	Technical Assistant	19	UR	-08	Pay Level 6 of 7th CPC PB-2 (₹ 9,300-34,800/-) Grade Pay ₹ 4,200/-
			EWS	-01	
			OBC(NCL)	-05	
			SC	-03	
			ST	-01	
			PwD	-01	

The candidates are required to submit the application and requisite fee through **online portal only** *(www.nitp.ac.in)*. The online portal shall remain open from 22nd April,2023 to 18th May,2023. After successful online submission of application a print out of the application form along with self-attested supporting documents and proof of payment is to be sent to the ***Registrar, National Institute of Technology Patna, Ashok Rajpath, Patna 800 005, by*** speed-post / registered post only so as to reach on or before 25th May,2023 up to 5.00 PM. Before submission of online form the candidates are advised to carefully read the *"Instructions for online submission of form"* available on the online portal and *"General Instructions to the Candidate"* enclosed herewith.

IMPORTANT DATES:

1.	Opening date for submission of online application	22nd April,2023
2.	Last date of submission of online fee	16th May,2023
3.	Last date for submission of online application	18th May,2023
4.	Last date of submission of print out of application along with supporting documents	25th May,2023, 5:00 PM

Registrar

1. **Essential / Desirable Qualification, Age and Experience**
   - **(i)** Essential qualifications, age etc. for the post of Technical Assistant is available at **Annexure-I.**
   - **(ii)** Trade / Branch / field of study category wise vacancy with educational/Desirable qualifications for Technical Assistant are available at **Annexure-II.**

   Note:
   - (i) Number and nature of positions may change and vary at the time of selection / recruitment. The Institute reserves the right to fill or not to fill all the advertised positions or any position.
   - (ii) All recruitment and pay-fixation shall be done only on the recommendations of the duly constituted Selection Committee. The decision of the Appointing authority shall be final.

2. **Age Limit / Relaxation :**
   - (i) Maximum age limit for each post shall be as per Recruitment Rule-2019.
   - (ii) Those employees who are presently working on ad-hoc / temporary / contractual /outsource basis in NIT Patna will be given one time age relaxation equivalent to the number of years served at NIT Patna with the upper age limit up to 56 years. This is applicable for only those persons who were working with the Institute on the date of Notification of RR, i.e., 20.02.2019 and still continuing in service. The relaxation will be applicable only for participation in this regular recruitment process. No relaxation in qualification and experience will be allowed under any circumstances.
   - (iii) Regular staff of NITs who are otherwise eligible, shall be allowed to participate in the selection process irrespective of age and percentage of marks. This will be applicable to the regular staff of NITs who were appointed before the date of implementation of RRs in NITs.
   - (iv) Age relaxation for SC / ST / OBC(NCL) / PwD applicants shall be applicable as per the Central Government norms, on production of required certificate issued by the competent authority. No relaxation would be applicable to SC / ST / OBC(NCL) / PwD applicants applying for Unreserved vacancies.

SNo.	Category	Age Relaxation permissible beyond the Upper age limit
01	SC/ST	5 years
02	OBC(NCL)	3 years
03	PwD(UR)	10 years
04	PwD(OBC(NCL))	13 years
05	PwD(SC)/ PwD(ST)	15 years

   - (v) Age limit and other eligibility conditions for the above positions shall be determined on the last date of submission of online application form i.e. 18th May,2023.

3. **Processing Fee :**

Applicants belonging to UR / EWS / OBC(NCL) category shall be required to pay non-refundable fee of Rs. 400.00 and applicants belonging to SC / ST category Rs.200.00, PwD category is exempted from the payment of Fee.

Applicants who have already applied and paid processing fees against our Institute ADVT. NITP/RECT/02/2022 DATED 24th February 2022 and NITP/Rect/04/2022 dated 14.09.2022 are need not to apply agai

4. **Selection Criteria:**

(i) Screening of online applications received may be done to restrict the number of candidates to be called for selection process. The Institute at its discretion may restrict the maximum number of candidates to be called for any stage of the selection process.

(ii) List of shortlisted candidates to be called for the selection process will be published on the Institute website www.nitp.ac.in Such candidates may also be intimated on their registered email ID mentioned in the application form. No request for change of date / venue by individual candidates will be entertained under any circumstances.

(iii) The Institute may decide to conduct a selection process comprising of multiple stages for selection of candidates. It may consist of Screening test, trade test / skill test, Multiple Choice Question (MCQ) and descriptive / short answer test. The details will be published on the Institute website only. The candidates are advised to visit Institute website www.nitp.ac.in frequently for updates.

5. **Documents / Certificate to be enclosed /produced:**

(i) Matriculation /10th Standard or equivalent certificate indicating date of birth, or mark sheet of Matriculation / 10th Standard or equivalent issued by Central / State Board indicating date of Birth.

(ii) Higher Secondary / Class XII (or equivalent) board marks sheet.

(iii) Degree certificate along with mark sheets pertaining to all academic years as proof of educational qualification claimed.

(iv) The SC/ST/EWS/ OBC(NCL)/PwD certificates in the prescribed proforma enclosed at ANEXURE – III to VIII and issued by the DOPT, Govt. of India vide letter No. F.No. 36028/1/2014-Estt.(Res) dated 3rd September, 2015 will only be accepted as sufficient proof in support of a candidates claim to belongs to SC / ST / OBC(NCL) / EWS / PwD. Certificate must be issued by the Competent authority as per proforma enclosed at **Annexure- III to VIII.**

6. **General Instruction to the Candidates:**

(i) **The candidates are required to apply through online with complete information and attachments. Candidates applying for more than one post are required to submit separate application form and fee. However, the candidates will be sole responsible if the test of two or more trades coincides with each other and Institute will not be responsible to conduct separate test at any stage for the applicants who have applied for more than one trades.**

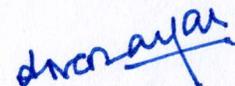|	
(ii)	Applicants applying in response to this advertisement should satisfy themselves regarding their eligibility for the post applied for. They must fulfill eligibility criteria as on the closing date of applications.
(iii)	The candidates applying for more than one post are required to create more than one email ID.
(iv)	The detail process (SOP) for filling online application form will be available on the Institute website www.nitp.ac.in
(v)	The applicant will be responsible for the authenticity of submitted information, other documents and photograph.
(vi)	The Institute will retain data of online applications received for non-shortlisted candidates only for three months after the completion of recruitment process.
(vii)	Appointment on the above mentioned posts may be made on regular / deputation/short term contract. In case of deputation, benefits will be given as per GOI norms.
(viii)	Applicants will be considered only for the posts applied for.
(ix)	The selection process may consist of Screening Test, written test(s) , skill test(s), MCQ Test etc.
(x)	The Institute reserves the right to withdraw any advertised post(s) at any time without giving any reason. The number of positions may increase or decrease
(xi)	Mere eligibility will not entitle any candidate for being called for the written test(s)/ skill test(s). More stringent criteria may be applied for short-listing the candidates to be called for written test(s) / skill test(s).
(xii)	Eligibility of a candidate and satisfaction of any other Short-listing criteria shall be considered as on the last date of the submission of online application **i.e.18th May,2023**
(xiii)	Relaxation in Age Limit: Age relaxation for SC / ST / OBC(NCL) / Ex-Servicemen / PwD applicants shall be as per Govt of India rules applicable for the autonomous Institutions. No relaxation would be applicable to SC/ST/OBC(NCL)/PwD applicants applying for Unreserved Vacancies.
(xiv)	Those employees who are presently working on ad-hoc / temporary / contractual / outsource basis in NIT Patna will be given one time age relaxation equivalent to the number of years served at NIT Patna with the upper age limit up to 56 years. This is applicable for only those persons who were working with the Institute on the date of notification of RR, i.e, 20.02.2019 and still continuing in service. The relaxation will be applicable only for participation in this regular recruitment process only. No relaxation in qualification and experience will be allowed under any circumstances.
(xv)	Application fees once paid shall not be refunded under any circumstances.
(xvi)	(a) Application after the last date, (b) incomplete in any respect and (c) any fresh paper/ enclosures after closing date, shall not be considered.
(xvii)	Certificates in support of experience should be in proper format i.e. it should be on the organization's letter head, bear the date of issue, specific period of work (in DD/MM/YYYY format), name, designation and signature of the Administrative Authority/Owner of the organization along with his/her seal.

(xviii) The Institute shall verify the antecedents or documents submitted by a candidate at any time, at the time of appointment or during the tenure of the service. In case, it is detected that the documents submitted by the candidates are fake or the candidate has clandestine antecedents/background and has suppressed the said information, then his/her candidature / services shall be liable to be cancelled / terminated as the case may be.

(xix) In case of any inadvertent mistake in the process of selection which may be detected at any stage even after the issue of appointment letter, the Institute reserves the right to modify/ withdraw/ cancel any communication made to the candidates.

(xx) In case of any dispute/ambiguity that may occur in the process of selection, the decision of the Institute shall be final.

(xxi) Applicants who are in Government employment should route their applications through proper channel.

(xxii) Candidates should send self-attested copies of certificates and mark-sheets from matriculation onwards in support of their qualifications. Originals should not be sent along with the application but these must be produced at the time of joining, if selected.

(xxiii) One recent (not earlier than three months from the date of application) colour passport size photograph with clear front view of the applicant without cap, scarf and sun glasses should be uploaded while filling the online application form. Identical extra colour passport size photograph as uploaded on the online application should be kept for providing the same at the time of verification or as required by the Institute.

(xxiv) Applicants must carry at least one valid identity card with photograph, in original, i.e. driving Licence, Voter Card, Aadhar Card, Identity Card issued by University /College / Institute to the examination centre, failing which he / she will not be allowed to appear for the examination.

(xxv) Candidates are advised to satisfy themselves before applying that they possess at least the minimum essential qualifications laid down in the advertisement.

(xxvi) It will be the sole responsibility of the applicant to furnish correct information in the application form.

(xxvii) Mere allowing to appear in the written test doesn't mean that the applicant fulfils the eligibility criteria.

(xxviii) No correspondence will be entertained from candidates regarding postal delays, conduct and result of test and reasons for not being called for test / further process.

(xxix) Canvassing in any form will be a disqualification.

(xxx) No interim correspondence shall be entertained.

(xxxi) The posts carry retirement/terminal benefits as per GOI rules. Applicability of New Pension Scheme 2004 will be as per GOI rules. SC / ST / OBC(NCL) / EWS candidates are required to attach the valid caste / category certificate as per format prescribed by the GOI. In case an OBC(NCL) candidate applies for reserved post under OBC(NCL) category, he/she must produce a valid certificate

issued from the Competent Authority that he/she does not belong to anyone of the Creamy Layers. The Institute follows the Central List in the cases of SC / ST and OBC(NCL)s.

(xxxii) The Institute reserves its right to place a reasonable limit on the total number of candidates to be called for test. The shortlisting criteria will be displayed on the Institute website.

(xxxiii) The information regarding written test will be furnished on the website of the Institute. No separate letter will be sent by post/email for this purpose. Further, for updates, please visit the Institute website regularly, as any subsequent amendment will be announced on the Institute website only.

(xxxiv) All the appointments are subject to verification of caste certificates, credentials, academic qualification, experience, conduct, medical fitness followed by police verification of the selected applicants. During the period of Institute service, if the Institute, on its verification, finds any discrepancy in the claims made by the applicant, besides departmental proceedings, suitable legal action shall also be initiated as per Government of India Rules.

(xxxv) No T.A./D.A. will be paid for appearing in the test.

(xxxvi) Incomplete application or without application fee or without relevant supporting enclosures will be out rightly rejected.

(xxxvii) Helpline e-mail ID for technical query related to online fee and form submission is recruitment.help@nitp.ac.in

(xxxviii) Application along with the relevant enclosures should reach the Registrar, National Institute of Technology Patna, Ashok Rajpath, Patna - 800005, on or before 25th May,2023, **5:00 PM** through speed post / registered post only, the envelope should be subscribed with the name of the post applied for. Application received after last day will be rejected. Institute shall not be held responsible for postal delay due to any reason.

(xxxix) The Institute reserves the right to extend the closing date for receipt of applications and also reserves the right to postpone / cancel the recruitment for any / all posts at any stage.

(xl) Decision of the Institute regarding conduct of written / skill test(s), verification of documents and selection would be final and binding on all applicants. No representation / correspondence will be entertained in this regard.

(xli) The Institute may decide to conduct a selection process comprising of multiple stages for selection of candidates. Details of selection process will be published well in advance on the Institute website www.nitp.ac.in .

(xlii) Any dispute arising out of this advertisement can be instituted in any court within Patna jurisdiction.

Registrar

Sl. No.	Requirement	Category with No. of position	Essential Qualification and Desirable Experience/Knowledge in Trade/Field/ Branch of Study
1.	**Technical Assistant in Heavy structure**	**ST: 01**	**Essential:** First class or equivalent Grade in BE/B.Tech in Civil Engineering from a recognized University/ Institute. **OR** First Class Diploma in Civil Engineering with excellent academic record. **Desirable Experience/Knowledge:** Having sufficient knowledge in handling experiments in Heavy structure
2.	**Technical Assistant in Water Resources and Hydraulic Engineering**	**UR: 01**	**Essential:** First class or equivalent Grade in BE/B.Tech in Civil Engineering from a recognized University/ Institute. **OR** First Class Diploma in Civil Engineering with excellent academic record. **Desirable Experience/Knowledge:** Having sufficient knowledge in handling experiments in Water Resources and Hydraulic Engineering lab.
3.	**Technical Assistant in Power System Lab**	**UR: 01**	**Essential:** First class or equivalent Grade in BE/B.Tech in Electrical Engineering from a recognized University/ Institute. **OR** First Class Diploma in Electrical Engineering with excellent academic record. **Desirable Experience/Knowledge:** Having sufficient knowledge in handling Experiments in Power System lab.
4.	**Technical Assistant in Electrical Machine Lab/ Basic Electrical Engineering Lab.**	**OBC(NCL): 01**	**Essential:** First class or equivalent Grade in BE/B.Tech in Electrical Engineering from a recognized University/ Institute. **OR** First Class Diploma in Electrical Engineering with excellent academic record. **Desirable Experience/Knowledge:** Having sufficient knowledge in handling experiments in Electrical Machine and Basic Electrical Engineering Lab.

5.	Technical Assistant in RF and Microwave Engineering	UR: 01	**Essential:** First class or equivalent Grade in BE/B.Tech in Electronics & Communication Engineering from a recognized University/ Institute. **OR** First Class Diploma in Electronics & Communication Engineering with excellent academic record. **Desirable Experience/Knowledge:** Having sufficient knowledge in handling experiments in RF and Microwave Engineering.
6.	Technical Assistant in VLSI	UR: 01	**Essential:** First class or equivalent Grade in BE/B.Tech in Electronics & Communication Engineering from a recognized University/ Institute. **OR** First Class Diploma in Electronics & Communication Engineering with excellent academic record. **Desirable Experience/Knowledge:** Having sufficient knowledge in handling experiments using FPGA boards. Familiarization with PCB design and basic VLSI tools. Basic knowledge of HDL Language.
7.	Technical Assistant in communication Engineering and signal Processing	PwD: 01	**Essential:** First class or equivalent Grade in BE/B.Tech in Electronics & Communication Engineering from a recognized University/ Institute. **OR** First Class Diploma in Electronics & Communication Engineering with excellent academic record. **Desirable Experience/Knowledge:** Having sufficient knowledge in handling experiments in communication Engineering and signal processing. Familiarization with Basic DSP boards.
8.	Technical Assistant in Microprocessor/ Microcontroller	OBC(NCL): 01	**Essential:** First class or equivalent Grade in BE/B.Tech in Electronics & Communication Engineering from a recognized University/ Institute. **OR** First Class Diploma in Electronics & Communication Engineering with excellent academic record.

			Desirable Experience/Knowledge:
			Having sufficient knowledge in handling experiments in Microprocessor / Microcontroller and Skills of Embedded system design.
9.	**Technical Assistant in Physics lab**	UR: 01	**Essential:** First Class or Equivalent Grade in B.Sc Physics from a recognized University/ Institute. **OR** Master's Degree in Physics from a recognized University/ Institute with at least 50% marks or equivalent grade. **Desirable Experience/Knowledge:** Having sufficient knowledge in handling experiments in Physics Lab
10.	**Technical Assistant for Chemistry lab**	SC: 01	**Essential:** First Class or Equivalent Grade in B.Sc Chemistry from a recognized University/ Institute. **OR** Master's Degree in Chemistry from a recognized University/ Institute with at least 50% marks or equivalent grade. **Desirable Experience/Knowledge:** Having sufficient knowledge in handling experiments in Chemistry Lab.
11.	**Technical Assistant for Architecture Lab/Studio**	UR: 01 OBC(NCL): 01	**Essential:** First Class or equivalent Grade in B.Arch. from a recognized University/ Institute. **OR** First Class Diploma in Architecture with excellent academic record. **Desirable Experience/Knowledge:** Having sufficient knowledge in handling experiments in Architecture Lab/Studio.
12.	**Technical Assistant for Server Administration**	UR: 01 OBC(NCL): 01	First class or equivalent Grade in BE/B.Tech in Computer Science Engineering/relevant engineering or MCA from a recognized University/ Institute. **OR** First Class Diploma in Computer Science Engineering with excellent academic record. **Desirable Experience/Knowledge:** Working experience of at least Three Years in reputed organisation in following domain:

			➤ Proficiency in Linux/Window Server Administration • System Installation and Configuration both single and cluster based. • GPU Configuration and quota-based system resource sharing in multi user environment • Hardware maintenance. • User management and Resource allocation. • Filesystem housekeeping. • Application installation and onfiguration. • System security management. • Storage management(SAN/NAS). • Manage all system back-up and restore. ➤ Proficiency in Python/ JAVA / C / C++ ➤ Proper Lab Management Knowledge of VC support and management
13.	**Technical Assistant for Programming**	**UR: 01** **SC: 01**	First class or equivalent Grade in BE/B.Tech in Computer Science Engineering/relevant engineering or MCA from a recognized University/ Institute. **OR** First Class Diploma in Computer Science Engineering with excellent academic record. **Desirable Experience/Knowledge:** Working experience of at least Three Years in reputed organisation in following domain: ➤ Proficiency in Python / R / JAVA / MATLAB / C / C++ ➤ Installation and troubleshooting of problems related to Window and Linux OS machines – both client and server versions. ➤ Configuration of computer / server related equipment. ➤ Proper Lab Management Knowledge of VC support and management
14.	**Technical Assistant for Network Administration**	**SC: 01**	First class or equivalent Grade in BE/B.Tech in Computer Science Engineering/relevant engineering or MCA from a recognized University/ Institute. **OR** First Class Diploma in Computer Science Engineering with excellent academic record. **Desirable Experience/Knowledge:** Working experience of at least Three Years in reputed organization in following domain:

			• Knowledge in maintaining and configuring Network - LAN/ WAN/ VPN - Firewall (CISCO ASA / Sophos), Load balancer (Sophos) / L3/L2 Switch (Cisco catalyst & Nexus, Cisco and D-Link Wi-Fi controller • Knowledge of Link load balancer (Server Farm, Virtual IPs, Port Multiplexing, NAT, HTTP Redirects, Dispatch Methods) • Knowledge of Firewall (IPS, Threat prevention policies, VPN, etc.) Wi-Fi network (SSID, WLAN, WLC, band, radio, channel, etc.) • Configuration, Upgrading of Firmware and troubleshooting of Network devices. • Install, configure, and maintain network services, equipment and devices. • Manage all system back-up and restore Knowledge of VC support and management
15.	Technical Assistant for Hardware	EWS: 01	First class or equivalent Grade in BE/B.Tech in Computer Science Engineering/relevant engineering or MCA from a recognized University/ Institute. **OR** First Class Diploma in Computer Science Engineering with excellent academic record. **Desirable Experience/Knowledge:** Working experience of at least Three Years in reputed organization in following domain:- ➢ Installation and troubleshooting of problems related to Window and Linux OS machines – both client and server versions. ➢ Servicing and Identification of defective hardware parts of PCs/Laptops/Printers/Scanner/UPS/etc. and their configuration. ➢ Troubleshooting of Server, SAN, CCTV, Authentication devices and smart class equipment. ➢ Configuration & Troubleshooting of video conference devices i.e. audio, video, Projectors etc. ➢ Configuration & Troubleshooting of computer / server related equipment. ➢ Updating of systems and security patches. Knowledge of VC support and management
16.	Technical Assistant for Web Programming	OBC(NCL): 01	First class or equivalent Grade in BE/B.Tech in Computer Science

			Engineering/relevant engineering or MCA from a recognized University/ Institute.
			OR
			First Class Diploma in Computer Science Engineering with excellent academic record.
			Desirable Experience/Knowledge:
			Working experience of at least Three Years in reputed organization in following domain:-
			➢ Proficiency in Python/ JAVA / C / C++/.net framework (C#, ASP.net, RDLC and Crystal reports)/PHP/JSP ➢ Proficiency in at least one web development framework (Backend + Frontend) ➢ Proficiency in DBMS Management (Oracle, SQL server, MySQL) ➢ Knowledge of VC support and management ➢ Working knowledge of MIS and website management Proper Lab Management