Software Technology Parks of India
(An Autonomous Society under Ministry of Electronics & Information Technology, Govt. of India)

Employment Notice No. 2(2)/I/STPI-HQ/2025-26

Software Technology Parks of India (STPI) is a premier S&T organization under Ministry of Electronics and Information Technology (MeitY) engaged in promoting IT/ITES Industry, innovation, R&D, start-ups, product/IP creation in the field of emerging technologies like IoT, Blockchain, Artificial Intelligence (AI), Machine Learning (ML), Computer Vision, Robotics, Robotics Process Automation (RPA), Augmented & Virtual Reality, Animation & Visual effect, Data Science & Analytics for various domains like Gaming, FinTech, Agritech, MedTech, Autonomous Connected Electric & Shared(ACES) Mobility, ESDM, Cyber Security, Industry 4.0, Drone, Efficiency Augmentation, etc. STPI is providing Statutory Services to the exporters under STP/EHTP scheme and extending infrastructural facilities including High Speed Internet and IPLC links. STPI at present has 68 centers at different locations in the country.
Applications are invited from the eligible candidates for filling up Group 'A' S&T, and below Group 'A' S&T and non-S&T vacancies given below. The vacancies are proposed to be filled up by Absorption and/or Direct Recruitment basis. Appointments made on Absorption and/or Direct Recruitment basis shall be on probation for a period of two years from the date of joining the post.

Sl. No. 1

Post Code	:	E-1 (S&T)	
Name of the post	:	Member Technical Staff - E-I (Scientist 'B')	
Pay Matrix Level	:	Level 10 (Rs. 56100-177500)	
Age Limit (Max.)	:	For appointment on direct recruitment basis	30 years (Relaxation as per Govt. of India rules)
No. of post	:	05* (UR-03, EWS- 01, OBC-01)	
Mode of recruitment	:	Direct Recruitment basis.	

* Out of these 05 posts, 01 post is reserved for PWDs (Multiple Disability etc.…).

Essential Qualifications:
For Direct Recruit:

(a) Bachelors degree in Engineering/ Technology with 1st class in Electronics/ Electricals/ Electronics & Communications/ Telecommunications/ Computer Science/ Information Technology or Masters in Computer Applications with 1st class or M. Sc. with 1st class in Physics/ Mathematics/ Statistics/ Computer Science/ Electronics/ Applied Electronics/ Information Technology.

OR

(b) Master Degree in Tech./ Engineering with 1st class in Electronics/ Electricals/ Electronics & Communications/ Telecommunications/ Computer Science.

OR

(c) Ph.D. in Science/ Engineering in any of the above-mentioned disciplines /inter-disciplines alongwith qualification with 2nd class mentioned at (a) or (b) above or having any of the above qualification with 2nd class mentioned at (a) or (b) above followed by MBA/ Degree in Law.

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Sl. No. 2

Post Code	:	ES-5 (S&T)	
Name of the post	:	Member Technical Support Staff (MTSS) ES-V	
Pay Matrix Level	:	Level 6 (Rs. 35400-112400)	
Age Limit (Max.)	:	For appointment on Absorption basis	56 years
	:	For appointment on direct recruitment basis	36 years (Relaxation as per Govt. of India rules)
No. of post	:	02** (ST-01, EWS-01)	➢ 01 (ST) – STPI – Bengaluru ➢ 01 (EWS) – STPI – Bengaluru
Mode of recruitment	:	Absorption/ Direct Recruitment basis.	

Essential Qualifications and Experience:
For Direct Recruit:
Three years Diploma in Electronics/Computer Science/ Information Technology/ Telecommunication or Bachelor in Electronics/Computer Science/ Computer Application/ IT or possessing DOEACC 'A' level certificate with two years' experience.
For Absorption:
In case of absorption, officers of the Central/ State Govt./ PSUs/ Autonomous Bodies:

(i) holding analogous post on regular basis.
OR
having 3 years regular service in Pay Matrix Level-5 (Rs. 29200-92300).
AND
(ii) possessing qualifications as prescribed for Direct Recruitment.

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Sl. No. 3

Post Code	:	A-5 (Non-S&T)	
Name of the post	:	Administrative Officer (A-V)	
Pay Matrix Level	:	Level 7 (Rs. 44900-142400)	
Age Limit (Max.)	:	For appointment on Absorption basis	56 years
	:	For appointment on direct recruitment basis	40 years (Relaxation as per Govt. of India rules)
No. of post	:	03** (UR-03)	➢ 01 (UR) – STPI – New Delhi ➢ 01 (UR) – STPI – Guwahati ➢ 01 (UR) – STPI – Pune
Mode of recruitment	:	Absorption/ Direct Recruitment basis.	

Essential Qualifications and Experience:
For Direct Recruit:

Graduate in any discipline from a recognized University with six years' experience in the field of personnel/ administration/ vigilance.
OR
Post Graduate in any discipline from a recognized University with four years' experience in the field of personnel/ administration/ vigilance.
Desirable: Diploma in Personnel/ Financial/ Purchase Managment.
OR
MBA from recognized University with one year experience in the field of Personnel/ Administration/ Vigilance.

For Absorption:
In case of absorption, officers of the Central/ State Govt./ PSUs/ Autonomous Bodies:

(i) holding analogous post on regular basis.

OR

having Five (5) years regular service in Pay Matrix Level-6 (Rs. 35400-112400) and having experience in Administration/ Personnel/ Vigilance.

(ii) possessing qualifications as prescribed for Direct Recruitment.

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Sl. No. 4

Post Code	:	A-4 (Non-S&T)	
Name of the post	:	Assistant (A-IV)	
Pay Matrix Level	:	Level 6 (Rs. 35400-112400)	
Age Limit (Max.)	:	For appointment on Absorption basis	56 years
	:	For appointment on direct recruitment basis	36 years (Relaxation as per Govt. of India rules)
No. of post	:	03** (UR-01, OBC-02)	➢ 01 (UR) – STPI – Bengaluru ➢ 01 (OBC) – STPI – Bengaluru ➢ 01 (OBC) – STPI – Hyderabad
Mode of recruitment	:	Absorption/ Direct Recruitment basis.	

Essential Qualifications and Experience:
For Direct Recruit:

Graduate in any discipline from a recognized University with four years' experience in the field of personnel/ administration/ finance/ vigilance etc.
OR
Post Graduate in any discipline from a recognized University with two years' experience in the field of personnel/ administration/ finance/ vigilance etc.

For Absorption:
In case of absorption, officers of the Central/ State Govt./ PSUs/ Autonomous Bodies:
(j) holding analogous post on regular basis.
OR
having Three (3) years regular service in Pay Matrix Level-5 (Rs. 29200-92300).
OR
having Six (6) years regular service in Pay Matrix Level-4 (Rs. 25500-81100).

(iii) possessing qualifications as prescribed for Direct Recruitment.

Note: Out of the total 08 vacancies mentioned in sl. No. 2, 3 & 4, 02 vacancies are reserved for PH (01-HH & 01-VH).

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Sl. No. 5

Post Code	:	ES-4 (S&T)	
Name of the post	:	Member Technical Support Staff (MTSS) ES-IV	
Pay Matrix Level	:	Level 5 (Rs. 29200-92300)	
Age Limit (Max.)	:	For appointment on Absorption basis	56 years
	:	For appointment on direct recruitment basis	34 years (Relaxation as per Govt. of India rules)
No. of post	:	04*** (UR-01, SC-01, OBC-01, EWS-01)	➢ 01 (UR) – STPI – Jaipur (Gurugram) ➢ 01 (SC) – STPI – Indore (Bhopal) ➢ 01 (OBC) – STPI – Noida ➢ 01 (EWS) – STPI – Hyderabad
Mode of recruitment	:	Absorption/ Direct Recruitment basis.	

Essential Qualifications and Experience:

For Direct Recruit:

Three years Diploma in Electronics/Computer Science/ Information Technology/ Telecommunication or Bachelor in Electronics/Computer Science/ Computer Application/ IT or possessing DOEACC 'A' level certificate with one year experience.

For Absorption:

In case of absorption, officers of the Central/ State Govt./ PSUs/ Autonomous Bodies:

(i) holding analogous post on regular basis.

OR

having 3 years regular service in Pay Matrix Level-4 (Rs. 25500-81100).

AND

(ii) possessing qualifications as prescribed for Direct Recruitment.

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Sl. No. 6

Post Code	:	ES-3 (S&T)	
Name of the post	:	Member Technical Support Staff (MTSS) ES-III	
Pay Matrix Level	:	Level 4 (Rs. 25500-81100)	
Age Limit (Max.)	:	For appointment on direct recruitment basis	32 years (Relaxation as per Govt. of India rules)
No. of post	:	01*** (OBC-01) – STPI-Thiruvananthapuram	
Mode of recruitment	:	Direct Recruitment basis.	

Essential Qualifications:

For Direct Recruit:

Three years Diploma in Electronics/Computer Science/ Information Technology/ Telecommunication or Bachelor in Electronics/Computer Science/ Computer Application/ IT or possessing DOEACC 'A' level certificate.

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Sl. No. 7

Post Code	:	ES-2 (S&T)	
Name of the post	:	Member Technical Support Staff (MTSS) ES-II	
Pay Level	:	Level 2 (Rs. 19900-63200)	
Age Limit (Max.)	:	For appointment on Direct Recruitment basis	30 years (Relaxation as per Govt. of India rules)
No. of post	:	01*** (OBC-01) – STPI-Noida	
Mode of recruitment	:	Direct Recruitment	

Essential Qualifications:

For Direct Recruit:

Matriculation with ITI/NTC/NAC in Electrical/Electronics/Mechanical/IT or equivalent **OR** Intermediate (10+2) with Science from a recognized University/Institution **OR** possessing DOEACC 'O' level certificate **or** equivalent.

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Sl. No. 8

Post Code	:	A-3 (Non-S&T)	
Name of the post	:	Assistant (A-III)	
Pay Matrix Level	:	Level 5 (Rs. 29200-92300)	
Age Limit (Max.)	:	For appointment on Absorption basis	56 years
	:	For appointment on direct recruitment basis	34 years (Relaxation as per Govt. of India rules)
No. of post	:	01*** (UR-01) – STPI – Hyderabad	
Mode of recruitment	:	Absorption/ Direct Recruitment basis.	

Essential Qualifications and Experience:

For Direct Recruit:

Graduate in any discipline from a recognized University with two years' experience in the field of personnel/ administration/ finance/ vigilance etc.

OR

Post Graduate in any discipline from a recognized University with one year experience in the field of personnel/ administration/ finance/ vigilance etc.

For Absorption:

In case of absorption, officers of the Central/ State Govt./ PSUs/ Autonomous Bodies:

(i) holding analogous post on regular basis.

OR

having Three (3) years regular service in Pay Matrix Level-4 (Rs. 25500-81100).

(ii) possessing qualifications as prescribed for Direct Recruitment.

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Sl. No. 9

Post Code	:	A-2 (Non-S&T)	
Name of the post	:	Assistant (A-II)	
Pay Matrix Level	:	Level 4 (Rs. 25500-81100)	
Age Limit (Max.)	:	For appointment on Absorption basis	56 years
	:	For appointment on direct recruitment basis	32 years (Relaxation as per Govt. of India rules)
No. of post	:	02*** (UR-01, ST-01)	➢ 01 (UR) – STPI – Thiruvananthapuram ➢ 01 (ST) – STPI – Bengaluru
Mode of recruitment	:	Absorption/ Direct Recruitment basis.	

Essential Qualifications and Experience:
For Direct Recruit:

Graduate in any discipline from a recognized University.

Desirable: Six months' certification course in Computer Operations.

For Absorption:
In case of absorption, officers of the Central/ State Govt./ PSUs/ Autonomous Bodies:

(i) holding analogous post on regular basis.
OR
having Five (5) years regular service in Pay Matrix Level-2 (Rs. 19900-63200).
(ii) possessing qualifications as prescribed for Direct Recruitment.

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Sl. No. 10

Post Code	:	A-1 (Non-S&T)	
Name of the post	:	Assistant (A-I)	
Pay Matrix Level	:	Level 2 (Rs. 19900-63200)	
Age Limit (Max.)	:	For appointment on direct recruitment basis	30 years (Relaxation as per Govt. of India rules)
No. of post	:	01*** (OBC-01) – STPI – Mumbai (Pune)	
Mode of recruitment	:	Direct Recruitment basis.	

Essential Qualifications:
For Direct Recruit:

Intermediate with Typing Skill 35 w.p.m. in English/ 30 w.p.m. in Hindi only on computers (correspond to 10500 KDPH/ 9000 KDPH on an average of 5 key depressions for each word).

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Sl. No. 11

Post Code	:	S-1 (Non-S&T)	
Name of the post	:	Office Attendant (S-I)	
Pay Matrix Level	:	Level 1 (Rs. 18000-56900)	
Age Limit (Max.)	:	For appointment on direct recruitment basis	30 years (Relaxation as per Govt. of India rules)
No. of post	:	01*** (SC-1) – STPI – Bengaluru	
Mode of recruitment	:	Direct Recruitment basis.	

Essential Qualifications:
For Direct Recruit:

Matriculate or equivalent.

Desirable: Knowledge of typing, computer and operating photocopying/ fax machine/ Tea Coffee maker etc.

*** **Note:** (I) Out of the total 11 vacancies mentioned in sl. No. 5 to 11, 04 vacancies are reserved for PH (02-VH, 01-HH & 01- Multiple Disability etc.…)
(II) Out of the total 11 vacancies mentioned in sl. No. 5 to 11 above, 01 post is reserved for Ex-servicemen.

How to apply:
Candidates meeting the above eligibility requirements may apply online at website www.stpi.in. **No other mode of application shall be accepted**. Candidate may kindly assure to fill online application properly and should complete all essential steps of online application. **Only completed filled online application shall be considered for further process of recruitment.**

Persons working in Central/ State Government/PSUs/Autonomous organizations may submit a copy of **NOC issued from their organization** at the time of applying online.

Application Fee: For Group 'A' post (Level-10), candidate has to pay an application fee of Rs. 1000/- (Rupees one thousand only) and for below Group 'A' post (Below Level-10), candidate has to pay an application fee of Rs. 500/- (Rupees five hundred only) per application Through NEFT/RTGS to the following Bank Account of this office directly:

Bank Name	Canara Bank, Delhi Parliament Street Branch, New Delhi 110001	Saving A/C Number	1098101101244
Beneficiary Name	Software Technology Parks of India, New Delhi	IFSC code	CNRB0001098

OR Digital Payment through UPI (Unified Payments Interface) and BHIM (Bharat Interface for Money). UPI ID-"stpi@upi" and QR code for UPI payments to Software Technology Parks of India is available at www.stpi.in.

Candidates are advised to mention the Unique Transaction Reference (UTR) number/Transaction ID in the online application wherever sought. No fee is required to be paid by female candidates and candidates belonging to SC/ST/PH category. Fee once paid shall not be refunded.

Selection process: Selection for the above posts shall be as follows:

Sl. no.	Name of the post(s)	Pay matrix Level	Selection process
1.	Member Technical Staff - E-I (Scientist 'B')	Level 10 (Rs.56100-177500)	Written test followed by interview.
2.	Member Technical Support Staff (MTSS) ES-V	Level 6 (Rs. 35400-112400)	Written examination.
3.	Administrative Officer (A-V)	Level 7 (Rs. 44900-142400)	Written examination.
4.	Assistant (A-IV)	Level 6 (Rs. 35400-112400)	Written examination.
5.	Member Technical Support Staff (MTSS) ES-IV	Level 5 (Rs. 29200-92300)	Written examination.
6.	Member Technical Support Staff (MTSS) ES-III	Level 4 (Rs. 25500-81100)	Written examination.
7.	Member Technical Support Staff (MTSS) ES-II	Level 2 (Rs. 19900-63200)	Written examination. The candidate shall be required to qualify the Trade Test (practical) for final selection.
8.	Assistant (A-III)	Level 5 (Rs. 29200-92300)	Written examination.
9.	Assistant (A-II)	Level 4 (Rs. 25500-81100)	Written examination.
10.	Assistant (A-I)	Level 2 (Rs. 19900-63200)	Written examination.
11.	Office Attendant (S-I)	Level 1 (Rs. 18000-56900)	Written examination. The candidate shall be required to qualify the Trade/ Skill test for final selection.

Only the completed online applications by the last date of receipt of online application shall be considered for screening and only shortlisted candidates (after screening) shall be called for Personal Interview/Written examination. Candidate recommended by the Selection Committee/ qualified in written examination shall be offered appointment.

Last Date of receipt of online applications**:** Within **45 days** of the publication of this advertisement in the Employment News on 29.11.2025. Details for the same are as below:

Opening Date for Submission of Online Application : 29.11.2025
Last/Closing Date of Receipt of Online Application : 12.01.2026

General Terms & Conditions:

1. Candidates working in Central/ State Government/PSUs/Autonomous organizations may submit a copy of **NOC issued from their organization** at the time of applying online.
2. Immediate Absorption rule shall be applicable as per Govt. extant rules.
3. Appointment made on Direct Recruitment/ Absorption basis shall be on probation period of two years which is likely to be regularized/ extended/ terminated depending upon the performance of the candidate during probation period.
4. Candidates those who have applied on Absorption basis are requested to forward the necessary documents alongwith document certifying the date of appointment in the present grade and also certificate of equivalency of IDA pay-scale with CDA pay-scale (If applicable).
5. The candidates evaluated on the basis of CGPA or else method shall have to provide in writing exact Division from concerned University.
6. Age shall be reckoned as on last date of receipt of online application (i.e., 12.01.2026). The upper age limit in respect of candidates working in Govt./STPI on regular basis or candidates belonging to Scheduled Castes, Scheduled Tribes, Other Backward Classes and persons with disabilities shall be relaxable as per prevailing instructions.
7. The eligibility of the candidates in terms of educational qualifications, experience, age etc. will be determined on the information furnished by the candidate on the closing date for receipt of applications. No adding information shall be entertained after the closing date of receipt of applications. Incomplete/unsigned applications will not be entertained and the application form without the copies of requisite certificates will be rejected.
8. Number of posts may vary. STPI reserves the right not to fill up any of posts, if it so decides. STPI reserves the right to operate the post(s) of higher grade in the lower grade and to offer the appointment to the candidate in lower grade, in case the Selection Committee recommends.
9. Management reserves the right to fix the criteria for short listing the candidates to be called for interview.
10. In case any candidate found ineligible on any ground even after his appointment, his service will be terminated immediately without assigning any reason thereof. Candidates are warned that they should not furnish any false/misleading information/document or submit any document which is defective or fabricated or otherwise commit any act of misconduct in submitting the application form or during the course of recruitment. In case any such case is detected by STPI at any stage, during or after recruitment OR in case any candidate found ineligible on any ground, appropriate action shall be taken against the candidate. Any litigation will be subject to the jurisdiction of Delhi courts.
11. No correspondence will be entertained from the candidates in connection with the process of selection/test/interview/appointment. Canvassing in any form or bringing other influence shall make the candidature liable for rejection.
12. Candidates seeking reservation against the reserved category posts shall upload their caste/category certificate in the prescribed FORMAT applicable for the Central Govt. Organization. Since allocation of candidates is based on the choice of centre expressed by the candidates, a candidate choosing a centre of another State to which he does not belong will not be prevented from appointment to the State where his choice of centre is located.
13. Mere fulfillment of qualifications and experience requirements does not entitle candidates to be called for interview/ written test.
14. Candidates willing to apply for more than one posts, should submit SEPARATE applications with requisite fee.
15. Candidate does not need to apply separately for each type of post for various locations against the particular employment notice. However, he would be able to fill his choice for locations according to his preference while filling the online application form. Since separate merit would be drawn for each location, their candidature shall be considered for the purpose of merit according to their preferences of location in the application form.
16. Selected candidate shall be liable for posted at any centre of STPI.
17. **Selection Process:** Only the completed online applications by the last date of receipt of online application shall be considered for screening and only shortlisted candidates (after screening) shall be called for Personal Interview/Written examination. Candidate recommended by the Selection Committee/ qualified in written examination shall be offered appointment.

    Selection process for the post of Member Technical Staff, E-I (Scientist 'B') is written examination followed by interview. The Competent Authority shall decide the cut-off marks in written examination to be called for interview in accordance with the 1:10 ratio. For the finalization of the merit, weightage of marks obtained in written examination and interview shall be in the ratio of 70:30 for final merit. Candidate recommended by the Selection Committee/ qualified in written examination shall be offered appointment.

    The detailed syllabus for the post of Member Technical Staff, E-I (Scientist 'B') is attached at 'ANNEXURE-I'.

    As concern to the below Group 'A' posts, the method of selection is on written examination basis. For the post of Office Attendant (S-I), a written examination followed by a trade test shall also be conducted. The written test will consist of Question from Generic area (Logical, Analytical Reasoning Capabilities, Quantitative, Qualitative abilities and Generic Awareness and Aptitude). In the case of Office Attendant (S-I), Multiple Choice Question (MCQ) would be held. The details for the same are as below:

Name of the post(s)	Written Examination	Remarks
1. Member Technical Support Staff (MTSS) ES-V, Level-6 2. Member Technical Support Staff (MTSS) ES-IV, Level-5 3. Member Technical Support Staff (MTSS) ES-III, Level-4	A. General Intelligence & Reasoning -20 marks B. General Awareness – 20 marks C. Numerical Aptitude – 20 marks D. English Comprehension – 20 marks E. Technical area (specific to STPI) – 70 marks	Total 150 questions will be there containing one (01) mark for each question. Time duration of the paper will be 2½ hrs.
1. Administrative Officer (A-V), Level-7 2. Assistant (A-IV), Level-6	A. General Intelligence & Reasoning -25 marks B. General Awareness – 25 marks C. Numerical Aptitude – 25 marks D. English Comprehension – 25 marks E. Knowledge of Central Government Rules and Procedures/ Instructions – 50 marks	Total 150 questions will be there containing one (01) mark for each question. Time duration of the paper will be 2½ hrs.
1. Assistant (A-III), Level-5 2. Assistant (A-II), Level-4	A. General Intelligence & Reasoning -40 marks B. General Awareness – 35 marks C. Numerical Aptitude – 35 marks D. English Comprehension – 40 marks	Total 150 questions will be there containing one (01) mark for each question. Time duration of the paper will be 2½ hrs.
1. Member Technical Support Staff (MTSS) ES-II	Multiple Choice Questions (MCQ) paper shall containing 50 questions carrying two (02) marks for each question. Question paper shall be based upon General Intelligence & Reasoning/ General Awareness/ Numerical Aptitude/ English Comprehension. Paper will be of 1½ hour duration.	Trade Test (practical) of qualifying nature for Rigger/ DG Operator/ Electrician will be taken up by a committee duly constituted by the Appointing Authority.
1. Office Attendant (S-I), Level 1		Skill Test (practical) will be of qualifying nature and shall be held by a committee duly constituted by the Appointing Authority in primary skill test i.e., Typing Computer/ Operating photocopier / Fax Machines/ Tea Coffee maker.

The detailed syllabus for the aforesaid posts is attached at 'ANNEXURE-II'.

18. **Final Selection/ Merit:** For the below Group 'A' posts for final selection/ merit, the criteria shall be as below:

Sl. No.	Category	Minimum marks for final Selection/ Merit
1	General Category	50%
2	OBC category	45%
3	SC/ ST category	40%
4	PWDs category	5% additional in the respective category

(STPI management shall reserve the right to further relaxation, if required.)

19. **Examination Centre:** As concern to the examination centre for the post of Member Technical Staff, E-I (Scientist 'B') and other below Group 'A' posts, the examination shall be conducted as per the detail below:

Sl. no.	Post	Examination venue
1	Member Technical Staff, E-I (Scientist 'B')	In Delhi/NCR & Bengaluru
2	All Group 'B' & 'C' posts	

CAO-Registrar
STPI

Annexure – 'I'

Software Technology Parks of India
New Delhi 110023

Ref: - Employment Notice no. 2(2)/I/STPI-HQ/2025-26 dated 29.11.2025 for the post of Member Technical Staff, E-I (Scientist 'B')]

Modalities for conducting the written examination:

The Examination will be based on objective type questions that may test the technical knowledge and mental ability of the candidates. The question paper for written examination will consist of 50% question from Generic Area and 50% from Technical Area. The Generic Area will comprise of Logical, Analytical Reasoning Capabilities, Quantitative & Qualitative abilities and General Awareness and Aptitude. Technical Questions will be from relevant fields specific to STPI.

(Syllabus for written examination (Technical Area)

Section 1: Digital Circuits
Number representations: binary, integer and floating-point- numbers. Combinatorial circuits: Boolean algebra, minimization of functions using Boolean identities and Karnaugh map, logic gates and their static CMOS implementations, arithmetic circuits, code converters, multiplexers, decoders. Sequential circuits: latches and flip-flops, counters, shift-registers, finite state machines, propagation delay, setup and hold time, critical path delay. Data converters: sample and hold circuits, ADCs and DACs. Semiconductor memories: ROM, SRAM, DRAM. Computer organization: Machine instructions and addressing modes, ALU, data-path and control unit, instruction pipelining.
Section 2: Computer Organization and Architecture
Machine instructions and addressing modes. ALU, data-path and control unit. Instruction pipelining, pipeline hazards. Memory hierarchy: cache, main memory and secondary storage; I/O interface (interrupt and DMA mode).
Section 3: Programming and Data Structures
Programming in C. Recursion. Arrays, stacks, queues, linked lists, trees, binary search trees, binary heaps, graphs.
Section 4: Algorithms
Searching, sorting, hashing. Asymptotic worst case time and space complexity. Algorithm design techniques: greedy, dynamic programming and divide-and-conquer. Graph traversals, minimum spanning trees, shortest paths
Section 5: Theory of Computation
Regular expressions and finite automata. Context-free grammars and push-down automata. Regular and contex-free languages, pumping lemma. Turing machines and undecidability.
Section 6: Compiler Design
Lexical analysis, parsing, syntax-directed translation. Runtime environments. Intermediate code generation. Local optimisation, Data flow analyses: constant propagation, liveness analysis, common subexpression elimination.
Section 7: Operating System
System calls, processes, threads, inter-process communication, concurrency and synchronization. Deadlock. CPU and I/O scheduling. Memory management and virtual memory. File systems.
Section 8: Databases
ER-model. Relational model: relational algebra, tuple calculus, SQL. Integrity constraints, normal forms. File organization, indexing (e.g., B and B+ trees). Transactions and concurrency control.
Section 9: Computer Networks
Concept of layering: OSI and TCP/IP Protocol Stacks; Basics of packet, circuit and virtual circuit switching; Data link layer: framing, error detection, Medium Access Control, Ethernet bridging; Routing protocols: shortest path, flooding, distance vector and link state routing; Fragmentation and IP addressing, IPv4, CIDR notation, Basics of IP support protocols (ARP, DHCP, ICMP), Network Address Translation (NAT); Transport layer: flow control and congestion control, UDP, TCP, sockets; Application layer protocols: DNS, SMTP, HTTP, FTP, Email.
Section 10: Communications
Random processes: autocorrelation and power spectral density, properties of white noise, filtering of random signals through LTI systems. Analog communications: amplitude modulation and demodulation, angle modulation and demodulation, spectra of AM and FM, superheterodyne receivers. Information theory: entropy, mutual information and channel capacity theorem. Digital communications: PCM, DPCM, digital modulation schemes (ASK, PSK, FSK, QAM), bandwidth, inter-symbol interference, MAP, ML detection, matched filter receiver, SNR and BER. Fundamentals of error correction, Hamming codes, CRC.

Annexure – 'II'

Software Technology Parks of India
New Delhi 110023

Ref: - Employment Notice no. 2(2)/I/STPI-HQ/2025-26 dated 29.11.2025

Syllabus for written examination for the below various Group 'A' S&T and Non-S&T posts of STPI

Subject Area	Key Topics Covered
General Intelligence & Reasoning	It would include questions of both verbal and non-verbal type. Analogies (semantic, symbolic, number, figural), Classification, Series (semantic, number, figural), Problem Solving, Coding–Decoding, Word Building, Numerical & Symbolic Operations, Venn Diagrams, Drawing Inferences, Space Visualization, Pattern Folding/Unfolding, Embedded Figures, Critical Thinking, Emotional & Social Intelligence, Trends, Matching (date, address, city), Indexing, Figural Completion, Statement–Conclusion, Syllogism.
General Awareness	Questions in this component will be aimed at testing the candidates general awareness of the environment around him and its application to society. Current Events, Environment & Society, Indian History, Culture, Geography, Economic Scene, General Policy, Scientific Research, Neighboring Countries.
Numerical Aptitude	Number Systems, Decimals & Fractions, Percentages, Ratio & Proportion, Averages, Interest, Profit & Loss, Discount, Partnership, Time–Work–Distance, Algebra (identities, surds), Geometry (triangles, circles, polygons, prisms, cones, cylinders, spheres, pyramids), Trigonometry (ratios, identities, heights & distances), Graphs (linear), Statistics (histogram, bar, pie chart, frequency polygon).
English Comprehension	Candidates' ability to understand correct English, his basic comprehension, and writing ability, etc. would be tested.
Technical Area (Common: Physics, Maths, Electronics, CS, IT) **Mathematics:** Algebra, Matrices, Determinants, Binomial Theorem, Logarithms, Vectors, Trigonometry, Analytical Geometry, Calculus (limits, differentiation, integration), Differential Equations. **Electronics / Electronics & Communication (Diploma Level) :** Electronic Circuits (Rectifiers, Regulators, Amplifiers, Oscillators, Multivibrators, OP-AMP, PLL), Communication Systems (AM/FM, TDM/FDM, Modulation, Transmission Lines, Antennas, Satellite & Microwave Communication, Fiber Optics, Mobile Communication), Digital Electronics (Logic Gates, Boolean Algebra, K-map, Counters, Flip-Flops, Memories, A/D & D/A), Circuit Theory (Network Theorems, AC/DC Circuits, Transient & Resonance), Microprocessors (8086, 8051 – architecture, instructions, addressing, timing), Measuring Instruments (Analog/Digital, CRO, DMM, Bridges), Audio/Video Systems (TV, DTH, Color Systems), Industrial Electronics (Power Devices, Converters, Motors, Transducers), Computer Hardware (Motherboard, Peripherals, OS Installation). **Computer Science / Information Technology (Diploma Level):** Digital Logic Design: Number Systems, Logic Gates, Boolean Algebra, K-map, Adders/Subtractors, Multiplexers/Demultiplexers, Encoders/Decoders, Counters, Shift Registers, Memory Types, A/D–D/A Converters. Computer Organization: CPU Structure, Memory Hierarchy, IO Systems, DMA, Interrupts, RISC–CISC, Pipelining. Computer Networks: Network Models, Transmission Media, Switching, LAN/WAN, IP, TCP/UDP, DNS, Email, FTP. Programming: C (Data Structures – Stack, Queue, Linked List, Trees, Sorting/Searching), C++ (OOP Concepts), Java (Classes, Inheritance, Threads, Applets), Web Programming (JavaScript, PHP, XML, Ruby). DBMS: ER Model, Relational Algebra, SQL, Normalization, Transactions, Concurrency, Recovery. OS: Processes, Synchronization, Deadlocks, Memory Management, File Systems. Software Engineering & Testing: SDLC, Design, Coding, Testing Types, Tools, Ethics. Security & Storage: Cryptography, IDS, Network Security, RAID, SAN, NAS, Virtualization, Backup & Recovery.	
Knowledge of Central Government Rules & Procedures	Cash Book Maintenance, Bank Reconciliation, Ledger Posting, Trial Balance & Final Accounts, Auditing, Income & Service Tax Rules, GFR, FR & SR, CCS (Pension, Joining Time), NPS, TA/LTC Rules, Medical Rules, Provident Fund & Gratuity Rules, Delegation of Financial Powers, RTI Act 2005, Land & Building Matters, Govt. Quarters, Staff Cars, Contingent Expenditure.