

Ref. No: NEHU/BTIT (Lat.) /Admission/2026/1998

Date: 14th July, 2026

B.Tech (IT) Lateral Entry Admission Test 2026

Admission to the B.Tech (IT) Lateral Entry program for a limited number of seats in the 2nd year (3rd semester) will be conducted through a one-hour written test (Total Marks: 50). This selection process is in reference to Advertisement No. F.No: 28-4/Acad/Admission/2025 (A) Pt – 2005, dated 4th June 2026. All candidates who have applied online and satisfied eligibility criteria** as per admission notification are requested to appear for the test as per the details below.

****Eligibility Criteria:** Diploma course in Engineering/Technology in IT/Computer Science and Engineering (CSE) / Electronics and Communication Engineering (ECE) with a minimum of 60% (55% in case of SC/ST/Differently-abled candidates) marks in aggregate from any recognized institution through a minimum of 3(three) years of institutional study after class 10/SSLC examination OR B.Sc./B.Sc (Hons.) in Electronics/IT/Computer Science/ Physics/ Mathematics with Mathematics as one of the subjects having secured a minimum of 60% (55% in case of SC/ST/PWD candidates) marks in aggregate from any recognized institution OR BCA with Mathematics at 10+2 level having secured a minimum of 60% (55% for SC/ST/ PWD candidates) marks in aggregate from any recognized institution.

Syllabus, Date, Time and Venue of the Written Test:

Event	Details
Date of Entrance Examination	04/08/2026 (4 th August 2026)
Reporting Time & Venue	9:30 AM at the Department of IT, NEHU, Shillong
Document Verification	Commences at 10:00 AM
Examination Time	12:00 PM to 01:00PM (1-Hour Duration)

Important Rules & Guidelines:

1. In case any candidate fails to report at the reporting time and venue on the specified date mentioned above, he/she will forfeit his/her candidature.
2. The decision of the Admission Committee on all matters should be binding and final.

Subjects and Distributions of Marks for the Entrance Examination:

Subject / Topic	Marks Allocation
C Programming	10 Marks
Data Structure & Algorithm	10 Marks
Computer Organization & Architecture	10 Marks
Operating System	10 Marks
Computer Networking	10 Marks
Total	50 Marks*

*** In entrance examination, for every wrong answer 25% marks will be deducted**

Required Verification Documents (in ORIGINAL):

- A copy of the submitted application form.
- Pass certificate of Degree/ Diploma in relevant discipline.
- Pass certificates of all board/council examinations starting from HSLC or equivalent.
- Mark sheets/grade cards of all board/council examinations starting from HSLC or equivalent including Diploma/BSC/BCA, which ever applicable.
- Valid certificate for SC/ST issued by Deputy Commissioner (DC) or competent authority under the seal of DC's office only.
- Employment certificate issued from Registrar's Office, NEHU (for NEHU Ward cases only).
- Permanent Resident Certificate for those who are claiming the permanent resident of Meghalaya.
- Date of Birth Certificate or HSLC certificate.



Detailed Syllabus of the Written Test:

- **Programming in C:** Introduction to Programming Language C: Data Types, Instruction and its Types, Storage Classes, Operators and Hierarchy of Operations, Expressions in C, Control and Repetitive Statements, break, continue, Functions: User Defined Functions and Library Functions, Local and Global Variables, Parameter Passing, Pointers, Arrays, Strings, C Preprocessors, Structures, Input and Output in C, C-Library.
- **Data Structure & Algorithm:** Array, Linked list, Stack, Queue, Expression evaluation, Sorting, Tree, Graph.
- **Computer Organization & Architecture:** Number system, Boolean Expression, Instruction, Central Processing Unit, Memory, I/O devices.
- **Operating Systems:** Process and threads, Mutual exclusion, Semaphores, Deadlock, Memory management requirements, Virtual memory, scheduling algorithms.
- **Computer Networking:** ISO/OSI Model, TCP/IP Model, Multiple access protocols, IEEE 802.X LANs and MANs-Ethernet, Token Ring, Token Bus, TCP and UDP.

Sd/-

Chairman,

Admission Committee 2026, B.Tech(IT) Lateral Entry