



संगणक विज्ञान एवं अभियांत्रिकी विभाग
Department of Computer Science and Engineering
सरदारवल्लभभाईराष्ट्रीयप्रौद्योगिकीसंस्थान, सूरत, गुजरात
Sardar Vallabhbhai National Institute of Technology, Surat, Gujarat

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Department of Computer Science and Engineering
स. व. प्रौ. सं. सूरत-७/S.V.N.I.T., Surat-7
जाचक नं. OUTWARD No. 235
दिनांक Date... 13/05/26

**List of Eligible/ Provisionally Eligible/Not Eligible Candidates for M. Tech.
Programme (under ICCR scheme), AY-2026-27**

→ The following candidates are requested to appear for M. Tech (ICCR) online written test on **14/05/2026 at 9.30 AM. (Please visit institute website for any Regular update. The Google classroom link will be communicated on your email-id.)** The Syllabus for the written test is enclosed/uploaded with this.

Sr. No.	Reference Id	Name of the Candidate	Eligibility	Remarks
1.	IK8671135 797689	Mr. Rishabh Kumar Agrahari	Eligible	-
2.	UW687033 2788227	Mr. Sameer Bhatt	Provisionally Eligible	Equivalency certificate for % or CGPA(out of 10) is required
3.	WB63184 19036134	Mr. Rishikesh Das	Provisionally Eligible	1. Equivalency certificate for % or CGPA(out of 10) is required 2. All Marksheets and passport are required
4.	LX600377 7705036	Mr. MD Abdul Kahhar Siddiki Shan	Provisionally Eligible	Equivalency certificate for % or CGPA(out of 10) is required
5.	ME783644 3945861	Mr. Ujjawal Kumar Thakur	Eligible	-
6.	IP9778610 730961	Mr. Mukesh Mahato Dhanuk	Eligible	-
7.	KE544827 0228344	Mr. Ghassan Muneef Saeed Salmen	Provisionally Eligible	B.Tech. Marksheets are required
8.	FT483179 3537313	Mr. Mandip Kumar mandal	Not Eligible	1. Not a four year course 2. Percentage less than 60%
9.	UI811282 9260131	Mr. Rahul Mallik	Provisionally Eligible	Equivalency certificate for % or CGPA(out of 10) is required
10.	XS720713 0769688	Mr. Mahesh Chandra Verma	Eligible	-
11.	MC993817 0737237	Mr. Kishan Sharma	Eligible	-
12.	TX153718 7671893	Ms. Naina Gupta	Provisionally Eligible	All Marksheets are required



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13.	ES127315 7498290	Mr. Amit Kumar Das	Eligible	-
14.	OQ755012 2291122	Mr. Yuvraj Karna	Eligible	-
15.	QC991247 8040667	Mr. Shree Ram Singh	Eligible	-
16.	GY486847 2679009	Mr. Harkesh Kathayat	Provisionally Eligible	1. Equivalency certificate for % or CGPA(out of 10) is required 2. All marksheets are required
17.	TY705239 0196637	Ms. Shruti Kumari Sah	Provisionally Eligible	All Marksheets are required
18.	IN734554 1660712	Mr. Bikash Yadav	Eligible	-
19.	QK696002 0703351	Mr. Nikhil Kumar Das	Provisionally Eligible	All Marksheets are required
20.	WQ957801 2090185	Mr. Chianyidi Ihechukwu Promi Nweke	Not Eligible	Less than 6.5 CGPA
21.	UM346276 9674327	Mr. Suraj Prajapati	Eligible	-

[Handwritten signatures and dates]
13/5/26 13/5/26 13/5/26

PG In-charge, DoCSE

Date: 13/05/2026

[Handwritten signature and date]
20/5/26 13/05/26

Head, DoCSE

विभागाध्यक्ष /Head
डी.ओ.सी.एस.ई., स.व.रा.प्रौ.सं., सूरत
DoCSE, SVNIT, Surat

Cc. to: (1) Dean (Acad.) (2) Dy. Registrar (Acad.) (3) Prof. I/C CCC for uploading the same on Institute web site.

**SARDAR VALLABHBHAINATIONAL INSTITUTE OF TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

ICCR M. TECH ADMISSION-2026

SYLLABUS FOR WRITTEN EXAMINATION

1. Engineering Mathematics:

Discrete Mathematics: Propositional and first-order logic sets, relations, functions, partial orders and lattices, Groups, Graphs: connectivity, matching, coloring.

2. Computer Organization and Architecture:

Number representation and arithmetic/logic operations, ALU, data-path and control unit. Instruction pipelining, Memory hierarchy: cache, main memory and secondary storage; I/O interface (interrupt and DMA mode).

3. Programming and Data Structures:

Programming in C & C++, Recursion, Arrays, Stacks, Queues, linked lists, trees, binary search trees, binary heaps, graphs.

4. Algorithms:

Searching, Sorting, hashing Asymptotic worst-case time and space complexity, Algorithm design techniques: greedy, dynamic programming and divide and conquer, Graph search, minimum spanning trees and shortest paths.

5. Theory of Computation:

Regular expressions and finite automata, context-free grammars and push-down automata, Regular and context-free languages, pumping lemma, turing machines and un-decidability.

6. Compiler Design:

Lexical analysis, parsing, syntax-directed translation, Runtime environments, intermediate code generation.

7. Operating Systems:

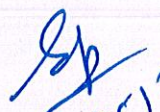
Processes, threads, inter-process communication, concurrency and synchronization, Deadlock, CPU scheduling, Memory Management and virtual memory, File systems.

8. Database:

ER model, Relational model: relational algebra, tuple calculus, Integrity constraints, normal forms, File organization, indexing (e., B and B+ trees), Transactions and concurrency control.

9. Computer Networks:

Concept of layering, LAN technologies (Ethernet). Flow and error control techniques, switching. IPv4/IPv6, routers and routing algorithms (distance vector, link state), TCP/UDP and sockets, congestion control, Application layer protocols (DNS, SMTP, POP, FTP, HTTP), Basics of Wi-Fi, Network security: authentication, basics of public key and private key cryptography, digital signatures and certificates, firewalls


12/05/26
विभागाध्यक्ष / Head
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