NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL
राष्ट्रीय प्रौद्योगिकी संस्थान कर्नाटक, सुरत्कल
P.O SRINIVASNAGAR, MANGALORE - 575025

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MA Call Letter List

M Tech (Self-Financed), 2025 - 26

The following applicants have been selected for written exam and/or interview for the department for the department of Mathematical and Computational Sciences for M Tech (Self-Financed) Programme. The applicants are requested to go through additional information provided in their Call letters.

#	Name	Reference Number	Branch/Specialisation
1	Sanskar Agrawal	MT2025CD0001	Computational and Data Science
2	Sharath Vinoth Kumar	MT2025CD0003	Computational and Data Science
3	Samarth Vekariya	MT2025CD0004	Computational and Data Science
4	Subham Banerjee	MT2025CD0005	Computational and Data Science
5	RANU THAPA	MT2025CD0007	Computational and Data Science
6	patel harshkumar jayeshbhai	MT2025CD0008	Computational and Data Science
7	Kaustubh Dhananjay Das	MT2025CD0009	Computational and Data Science
8	NINAWE SANKALP SANJAY	MT2025CD0010	Computational and Data Science
9	Lekshmi Priya V	MT2025CD0011	Computational and Data

#	Name	Reference Number	Branch/Specialisation
			Science
10	P VIKRAM	MT2025CD0012	Computational and Data Science
11	Potru Niharika	MT2025CD0014	Computational and Data Science
12	Solanki Janak Mahendrabhai	MT2025CD0016	Computational and Data Science
13	Vighnesh PM	MT2025CD0017	Computational and Data Science
14	Ayanava Dutta	MT2025CD0018	Computational and Data Science
15	Akshay K	MT2025CD0019	Computational and Data Science
16	Subhrojyoti Narayan Roy	MT2025CD0020	Computational and Data Science
17	K V N S MANIKANTA SARMA	MT2025CD0021	Computational and Data Science
18	MAYUR M	MT2025CD0022	Computational and Data Science
19	Vishesh Tamrakar	MT2025CD0023	Computational and Data Science
20	somesh BALAJI kharat	MT2025CD0025	Computational and Data Science
21	Aryavrat Mishra	MT2025CD0026	Computational and Data

#	Name	Reference Number	Branch/Specialisation
			Science
22	Tiasa Banerjee	MT2025CD0027	Computational and Data Science
23	DHIRAAJ K V	MT2025CD0029	Computational and Data Science
24	SATYAWRAT TAMRAKAR	MT2025CD0030	Computational and Data Science
25	Nishant Kumar	MT2025CD0031	Computational and Data Science
26	Anoksha N A	MT2025CD0032	Computational and Data Science
27	Neeraj Solanky	MT2025CD0033	Computational and Data Science
28	Jayati Paul	MT2025CD0034	Computational and Data Science
29	Aparna P Rao	MT2025CD0035	Computational and Data Science
30	Saksham Ratan	MT2025CD0036	Computational and Data Science
31	MD MODASSIR ALI	MT2025CD0037	Computational and Data Science
32	Anabathula Thanay Sisir	MT2025CD0041	Computational and Data Science
33	S RITIKA	MT2025CD0044	Computational and Data Science

#	Name	Reference Number	Branch/Specialisation
34	Shivam Kumar	MT2025CD0045	Computational and Data Science
35	MAHIMA D ALMEIDA	MT2025CD0046	Computational and Data Science
36	Sakshi Jitendra Vispute	MT2025CD0048	Computational and Data Science
37	Ajit Ashok Singh	MT2025CD0049	Computational and Data Science
38	ASTHA KANUNGO	MT2025CD0050	Computational and Data Science
39	N V KARTHIK BALAJI	MT2025CD0052	Computational and Data Science
40	Amogha Mayya K S	MT2025CD0054	Computational and Data Science
41	MVS Venu Madhav	MT2025CD0055	Computational and Data Science
42	RONIT SINGH RAWAT	MT2025CD0056	Computational and Data Science
43	Kapil Pachori	MT2025CD0058	Computational and Data Science
44	Gondane Apoorva Bhagwan Hemlata	MT2025CD0059	Computational and Data Science
45	Priya Nashirkar	MT2025CD0061	Computational and Data Science

#	Name	Reference Number	Branch/Specialisation
46	Srijith Santhosh	MT2025CD0062	Computational and Data Science
47	Jahnavi Singh	MT2025CD0063	Computational and Data Science
48	G Madhusudan	MT2025CD0065	Computational and Data Science
49	K A AMITH	MT2025CD0067	Computational and Data Science
50	Subhajit Ghosh	MT2025CD0068	Computational and Data Science
51	Sanmitha L	MT2025CD0069	Computational and Data Science
52	METTA VENKATA RAMANA MURTHY	MT2025CD0070	Computational and Data Science
53	Mohammad Sarim	MT2025CD0071	Computational and Data Science
54	Jeevan H R	MT2025CD0072	Computational and Data Science
55	Aisha Dewangan	MT2025CD0075	Computational and Data Science
56	Bammidi Pragati Rao	MT2025CD0077	Computational and Data Science
57	Prakash Kumar Sarangi	MT2025CD0078	Computational and Data Science

#	Name	Reference Number	Branch/Specialisation
58	Amrutanshu Narayan Bhat	MT2025CD0079	Computational and Data Science
59	UMANG RAJESHBHAI LIMBASIYA	MT2025CD0080	Computational and Data Science
60	Bammidi Ketan Rao	MT2025CD0081	Computational and Data Science
61	Ajaya Kumar Patel	MT2025CD0082	Computational and Data Science
62	YEJJALA NEHA VENKATA PADMAVATHI	MT2025CD0083	Computational and Data Science
63	Joshi Akash Ashok	MT2025CD0084	Computational and Data Science
64	Desigan Prasanna Krishnan	MT2025CD0085	Computational and Data Science
65	NOEL JACOB BIJU	MT2025CD0086	Computational and Data Science
66	Aritra Bandyopadhyay	MT2025CD0087	Computational and Data Science
67	NAMBURI ACHYUTH KRISHNA	MT2025CD0088	Computational and Data Science
68	Srushti Santosh Pisal	MT2025CD0089	Computational and Data Science
69	Rithik Rajesh	MT2025CD0090	Computational and Data Science
70	Mohd Abdul Junaid	MT2025CD0091	Computational and Data

#	Name	Reference Number	Branch/Specialisation
			Science
71	VARUN KUMAR	MT2025CD0092	Computational and Data Science
72	Sakshi Sinha	MT202 CD0093	Computational and Data Science
73	Nirmal Vinod	MT202 CD0094	Computational and Data Science
74	JADEJA KIRTIRAJSINH ANIRUDDHSINH	MT202 CD0095	Computational and Data Science
75	Shubham Pal	MT2025CD0098	Computational and Data Science
76	Abhishek Narisepalli Venkata Sai	MT202 CD0099	Computational and Data Science
77	Khambad Prajwal Rajshekhar	MT202 CD0100	Computational and Data Science
78	ASHUTOSH KUMAR	MT202 CD0101	Computational and Data Science
79	ADITYA ARUN KUMAR YADAV	MT2025CD0102	Computational and Data Science
80	Shaanah Fazal	MT2025CD0105	Computational and Data Science
81	ROCHAN RAJ	MT2025CD0106	Computational and Data Science
82	KALLURI LAKSHMI PRATHYUSHA	MT2025CD0108	Computational and Data

#	Name	Reference Number	Branch/Specialisation
			Science
83	Anna Simon	MT2025CD0110	Computational and Data Science
84	Vrishank Agashe	MT2025CD0111	Computational and Data Science
85	S. Athreya Shankar	MT2025CD0112	Computational and Data Science
86	TEJAS G K	MT2025CD0113	Computational and Data Science
87	TITIKSHA CHANDRAKAR	MT2025CD0114	Computational and Data Science
88	Ujwal Suresh Murudi	MT2025CD0115	Computational and Data Science
89	Shwetha Kunte	MT2025CD0116	Computational and Data Science
90	Vedang Jamenis	MT2025CD0117	Computational and Data Science
91	Anubhav shankar	MT2025CD0119	Computational and Data Science
92	shivaprasad	MT2025CD0120	Computational and Data Science
93	Chinmaya Vittal V	MT2025CD0121	Computational and Data Science
94	Amal Chandran	MT2025CD0122	Computational and Data Science

#	Name	Reference Number	Branch/Specialisation
95	Smithi Sureshan	MT2025CD0123	Computational and Data Science
96	JALAKAM CHANDRA HARSHA	MT2025CD0124	Computational and Data Science
97	GODDAULA RAJESH	MT2025CD0125	Computational and Data Science
98	MUKUL NAYAK	MT2025CD0126	Computational and Data Science
99	Arnesh Singh	MT2025CD0128	Computational and Data Science
100	Metaliya Kushal Vrajlal	MT2025CD0129	Computational and Data Science
101	PATEL DHRUV GIRISHBHAI	MT2025CD0130	Computational and Data Science
102	Tirth Mukundbhai Patel	MT2025CD0131	Computational and Data Science
103	Gandhi Smit Jayeshbhai	MT2025CD0132	Computational and Data Science
104	SUBHANSU RANJAN	MT2025CD0133	Computational and Data Science
105	Abhishek Singh	MT2025CD0134	Computational and Data Science
106	Kapil Rajgopal	MT2025CD0135	Computational and Data Science

#	Name	Reference Number	Branch/Specialisation
107	Kesari Sai Sidhartha Reddy	MT2025CD0136	Computational and Data Science
108	BHUVA PRINCE RAJESHBHAI	MT2025CD0137	Computational and Data Science
109	Patel Dipesh Prakashkumar	MT2025CD0138	Computational and Data Science
110	Basavaraj R Gaji	MT2025CD0139	Computational and Data Science
111	Patel Anuj Alpeshkumar	MT2025CD0140	Computational and Data Science
112	Moturi Sathvik Teja	MT2025CD0141	Computational and Data Science
113	Dhruvenkumar Vipulbhai Gohel	MT2025CD0142	Computational and Data Science
114	POLUBOINA NARENDRA KUMAR	MT2025CD0143	Computational and Data Science
115	Gadwal Pranav	MT2025CD0144	Computational and Data Science
116	SAI KIRAN REDDY K	MT2025CD0145	Computational and Data Science
117	Santoki Ambrish Dharmendra	MT2025CD0146	Computational and Data Science
118	Tejas Madhukar Vairagade	MT2025CD0148	Computational and Data Science

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MA Call Letter List

M Tech (Self-Financed), 2025 - 26

#	Name	Reference Number	Branch/Specialisation
119	Mondru Anil Kumar	MT2025CD0149	Computational and Data Science

11/06/25

Head Of Department
Mathematical and Computational Sciences

विभागाध्यक्ष / H.O.D.
ग. एवं प. वि. विभाग / Dept. of MACS
राष्ट्रीय प्रौद्योगिकी संस्थान कर्नाटक
National Institute of Technology Karnataka
सुरत्कल, मंगलूरु-५७५०२५/Surathkal, Mangaluru-575025
कर्नाटक, भारत / Karnataka, India

Dean Academics -

Professor / H O D
Dept / Dept of MACS
National Institute of Technology Karnataka
Surathkal, 575025
Mangalore-575025 / Karnataka, India

विभाग / Department गणितशास्त्र एवं परिकलन विज्ञान/Mathematical and Computational Sciences

राष्ट्रीय प्रौद्योगिकी संस्थान कर्नाटक, सुरत्कल, मंगलूरु-५७५०२५
(राष्ट्रीय महत्व का संस्थान, एनआईटीएसईआर अधिनियम के तहत स्थापित, भारत सरकार)
National Institute of Technology Karnataka, Surathkal, Mangaluru - 575025
(An Institute of National Importance, Established under NITSER Act, Government of India)

11.06.2025

M.Tech CDS (self-financed) Programme

Dear Applicant,

The Written Aptitude Test details are as below.

Reporting Date and Time: 26th June, 2025 at 1:30 PM.

Reporting Place: MACS Lab, NITK Surathkal.

Date and Time of the Test: 26th June, 2025 from 2 PM to 3 PM

Venue of the Test: MACS Lab, NITK Surathkal.

Syllabus of the Test: Syllabus of GATE in Data Science and Artificial Intelligence (DA) (a copy is attached herewith).

The question paper will contain 30 multiple choice questions of 2 marks each. The test will be conducted on MOODLE platform. **A mock test will be conducted on 24th June, 2025 at 2 PM.** The link and the login details for the mock test will be sent to your email.

Please note that you will be attempting mock test from your home but the venue of the written test will be MACS Lab, NITK Surathkal.

Interviews for the shortlisted candidated will be conducted on 27th June, 2025 from 9 AM onwards.

For more details like the selection procedure, the documents to be produced at the time of written test/Interview etc., please refer to the information bulletin published in the NITK website.

For any further inquiries, please contact: amit@nitk.edu.in

11/06/2025
Head of the Department

विभागाध्यक्ष / H.O.D.
ग. एवं प. वि. विभाग / Dept. of MACS
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National Institute of Technology Karnataka
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कर्नाटक, भारत / Karnataka, India

DA Data Science and Artificial Intelligence

Probability and Statistics: Counting (permutation and combinations), probability axioms, Sample space, events, independent events, mutually exclusive events, marginal, conditional and joint probability, Bayes Theorem, conditional expectation and variance, mean, median, mode and standard deviation, correlation, and covariance, random variables, discrete random variables and probability mass functions, uniform, Bernoulli, binomial distribution, Continuous random variables and probability distribution function, uniform, exponential, Poisson, normal, standard normal, t-distribution, chi-squared distributions, cumulative distribution function, Conditional PDF, Central limit theorem, confidence interval, z-test, t-test, chi-squared test.

Linear Algebra: Vector space, subspaces, linear dependence and independence of vectors, matrices, projection matrix, orthogonal matrix, idempotent matrix, partition matrix and their properties, quadratic forms, systems of linear equations and solutions; Gaussian elimination, eigenvalues and eigenvectors, determinant, rank, nullity, projections, LU decomposition, singular value decomposition.

Calculus and Optimization: Functions of a single variable, limit, continuity and differentiability, Taylor series, maxima and minima, optimization involving a single variable.

Programming, Data Structures and Algorithms: Programming in Python, basic data structures: stacks, queues, linked lists, trees, hash tables; Search algorithms: linear search and binary search, basic sorting algorithms: selection sort, bubble sort and insertion sort; divide and conquer: mergesort, quicksort; introduction to graph theory; basic graph algorithms: traversals and shortest path.

Database Management and Warehousing: ER-model, relational model: relational algebra, tuple calculus, SQL, integrity constraints, normal form, file organization, indexing, data types, data transformation such as normalization, discretization, sampling, compression; data warehouse modelling: schema for multidimensional data models, concept hierarchies, measures: categorization and computations.

Machine Learning: (i) Supervised Learning: regression and classification problems, simple linear regression, multiple linear regression, ridge regression, logistic regression, k-nearest neighbour, naive Bayes classifier, linear discriminant analysis, support vector machine, decision trees, bias-variance trade-off, cross-validation methods such as leave-one-out (LOO) cross-validation, k-folds cross-validation, multi-layer perceptron, feed-forward neural network; (ii) Unsupervised Learning: clustering algorithms, k-means/k-medoid, hierarchical clustering, top-down, bottom-up: single-linkage, multiple-linkage, dimensionality reduction, principal component analysis.

AI: Search: informed, uninformed, adversarial; logic, propositional, predicate; reasoning under uncertainty topics — conditional independence representation, exact inference through variable elimination, and approximate inference through sampling.

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कर्नाटक, भारत / Karnataka, India