

DEPARTMENT OF MECHANICAL ENGINEERING
NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

LIST OF **PhD** CANDIDATES CALLED FOR THE WRITTEN TEST SCHEDULED
ON 16-06-2022 AT 9 AM IN THE DEPARTMENT OF MECHANICAL
ENGINEERING

S.No	Reference Number	Name
1	PH2022ME0006	Ram Kumar P
2	PH2022ME0028	Srisha G
3	PH2022ME0035	Srinivasa Murthy Mk
4	PH2022ME0012	Vishnu Teja Chandavaram
5	PH2022ME0019	Nagaraja Kamath
6	PH2022ME0021	Thejaswini M N
7	PH2022ME0022	Ashwani Kumar
8	PH2022ME0030	Abu Horaira
9	PH2022ME0034	Shivanandappa N D
10	PH2022ME0036	Madhumohan R
11	PH2022ME0039	Avijit Majee
12	PH2022ME0040	Navaneeth I M
13	PH2022ME0041	Phalgun H G
14	PH2022ME0045	Pranav Padavu
15	PH2022ME0049	Aprameya C R
16	PH2022ME0050	Yogesh Kumar
17	PH2022ME0001	Ian Robin Kunder
18	PH2022ME0003	Debottam Bhowmik
19	PH2022ME0008	Nidhi Ojha
20	PH2022ME0013	Supriya J P
21	PH2022ME0016	Santosh Amarapure
22	PH2022ME0017	Rohit Khicher
23	PH2022ME0020	Yasmin Begum
24	PH2022ME0023	Mahadeva Prasad
25	PH2022ME0033	Gundala Dakshna Murthy
26	PH2022ME0047	Ingilela Aswith Babu
27	PH2022ME0002	Kirankumar K R
28	PH2022ME0004	Patel Ashok Mavji
29	PH2022ME0005	Shubham Mohanty
30	PH2022ME0007	Pranesh Kumar S R
31	PH2022ME0009	Ranjan Yadav
32	PH2022ME0011	Amit Prakash
33	PH2022ME0015	Mallayya
34	PH2022ME0018	Pavan Kumar M V

35	PH2022ME0024	Arun.A.K
36	PH2022ME0025	Sooraj P
37	PH2022ME0029	Mallesh R
38	PH2022ME0032	Syed Khadarbasha
39	PH2022ME0037	Muruganantham R
40	PH2022ME0043	Sharath K P
41	PH2022ME0048	Preethi J Aradhya
42	PH2022ME0014	Madhu Mohan R
43	PH2022ME0038	Jagannath Verma
44	PH2022ME0044	Chetan Ashok Chalurakar

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LIST OF **M.Tech (Research)** CANDIDATES CALLED FOR THE WRITTEN TEST
SCHEDULED ON 16-06-2022 AT 9AM IN THE DEPARTMENT OF MECHANICAL
ENGINEERING

1	MTR2022MC0003	Butani Prince Nileshbhai
2	MTR2022MC0005	Mohit Kumar Sahu
3	MTR2022MC0008	Abhishek Verma
4	MTR2022MC0012	Anamika Singh
5	MTR2022MC0013	Nidhi Kumari
6	MTR2022MC0014	Himanshu Sharma
7	MTR2022MC0015	Bhakare Sameer Surendra
8	MTR2022MC0016	Manish Kumar
9	MTR2022MC0017	Shrinivas Inamdar
10	MTR2022MC0018	Darshankumar Jeevanmal Prajapati
11	MTR2022MC0020	Vikrant Sharma
12	MTR2022MC0021	Shubham Wahal
13	MTR2022MC0022	Abhishek Sachin Kulkarni
14	MTR2022MC0024	Mali Ujjwal Dattatray
15	MTR2022MC0027	Lohitha Roshan Prakash Potukuchi
16	MTR2022MC0031	Pushkar Kumar
17	MTR2022MC0037	Suhit Hemant Telang
18	MTR2022TH0002	Soham Das
19	MTR2022TH0005	Anamika Singh
20	MTR2022TH0006	Yashwanth M
21	MTR2022TH0008	Veeraraghavan Balaji
22	MTR2022TH0009	Pranav Raj
23	MTR2022TH0011	Aman Shrivastava
24	MTR2022TH0012	Vikrant Sharma
25	MTR2022TH0013	Ananthesh Kumar Y
26	MTR2022TH0014	Yerraguntla Krishna Praneet
27	MTR2022TH0015	Shubham Wahal
28	MTR2022TH0021	Abhishek Krishnan
29	MTR2022TH0022	Tarun Chandra
30	MTR2022MD0002	Mundada Vaishnavi Vasant
31	MTR2022MD0003	Adithya K Rao
32	MTR2022MD0004	Mohit Kumar Sahu
33	MTR2022MD0005	Anamika Singh
34	MTR2022MD0006	Roodra Pratap Singh Parihar
35	MTR2022MD0008	Yashwanth M
36	MTR2022MD0011	Nagarkar Amit Mahesh Madhavi

37	MTR2022MD0012	Ankush Kushwaha
38	MTR2022MD0013	Veeraraghavan Balaji
39	MTR2022MD0015	Bhakare Sameer Surendra
40	MTR2022MD0016	Aman Shrivastava
41	MTR2022MD0018	Yerraguntla Krishna Praneet
42	MTR2022MD0019	Shubham Wahal
43	MTR2022MD0020	Dhananjay Kumar
44	MTR2022MD0021	Jagdish Mishra
45	MTR2022MD0022	Samyak Pratik Thaker
46	MTR2022MD0024	Mali Ujjwal Dattatray
47	MTR2022MD0025	Neha Baraya
48	MTR2022MD0026	Abhishek Krishnan
49	MTR2022MD0028	Tandel Yash Ravindrakumar
50	MTR2022MD0029	Pratik Mahesh Marudwar
51	MTR2022MD0030	Tarun Chandra
52	MTR2022MD0032	Saud Siddique
53	MTR2022MF0005	Nithin S
54	MTR2022MF0004	Shubham Wahal

LIST OF **M. Tech (Internal Registrants and Industry sponsored)** CANDIDATES
CALLED FOR THE WRITTEN TEST SCHEDULED ON 16-06-2022 AT 9AM IN THE
DEPARTMENT OF MECHANICAL ENGINEERING

1	MTR2022MC0009	M Ashutosh Prabhu
2	MTR2022MC0019	Shubhadeep
3	MTR2022MC0023	Manish C Poojari
4	MTR2022MC0026	Shankar R Kumar
5	MTR2022MC0029	Karthik Shetty
6	MTR2022MC0030	Nithin M
7	MTR2022MC0032	Mohith
8	MTR2022MC0035	Neil Jose
9	MTS2022MC0033	Prashanth S
10	MTS2022MC0034	Ganaraj Patil
11	MTR2022TH0007	Aswathy T
12	MTR2022TH0024	Sumith P
13	MTS2022MD0014	Naveen Kumar M
14	MTS2022MD0027	Manjunatha C
15	MTS2022MF0001	I Mohan Babu
16	MTS2022MF0003	Naveen Kumar M

Ph.D/M.Tech (Research) Selections 2022
Syllabus for the offline test

Ph.D/M.Tech (Research) Selection

Engineering Mathematics: Linear Algebra, Calculus, Differential equations, Complex variables, Probability and Statistics, Numerical Methods.

Applied Mechanics and Design: Engineering Mechanics, Mechanics of Materials. Theory of Machines, Vibrations, Concepts of Mechanical Design

Fluid Mechanics and Thermal Sciences: Basic Fluid Mechanics, Thermodynamic systems and processes Heat Transfer Applications: Power Engineering: Air and gas compressors, I.C. Engines, Refrigeration and air-conditioning Turbo machinery, Renewable energy.

Materials and Manufacturing: Engineering Materials: Casting, Forming and Joining Processes: Machining and Machine Tool Operations: Metrology and Inspection: Computer Integrated Manufacturing:

Mechatronics and Industrial Automation: Mechatronics system, Instrumentation, Sensors and Actuators, Signal systems and control, Robotics, Modeling of systems.

References:

1. J. Wickert, *An introduction to Mechanical Engineering*, Cengage Learning India Pvt. Ltd, 3rd edn. 2015.
2. Gopala Krishna K.R., *Elements of Mechanical Engineering*, Subhas Store, 2015.
3. Gupta, P.N., and Poonia, M.P., *Elements of Mechanical Engineering*. 4th Edition, Standard Publications Ltd, 2009.
4. Yunus Cengel & Robert Turner, *Fundamentals of Thermal-Fluid Sciences*, McGraw-Hill, 4th Indian edn. 2017.
5. Rao P. N, *Manufacturing Technology*, Volume I and II, 5th Edn., McGraw-Hill, 2018.
6. Rajendra Karwa, *A Text book of Machine Design*, Laxmi Publications, 3rd edn., 2018
7. Godfrey Onwubolu, *Mechatronics: Principles and Applications*, Elsevier India, 1st edn., 2006.
8. Jiju Antony, *Design of Experiments for Engineers and Scientists*, Elsevier, 2nd Edn., 2018.
9. Kalpakjian S & Schmid S.R., *Manufacturing Engineering and Technology*. 7th edn., Pearson Education, 2018.
10. Ervin Kreyszig, *Advanced Engineering Mathematics*, 10th edn., John Wiley and Sons, 2015.
11. Steven Chapra and R. Canale, *Numerical methods for Engineers*, McGraw-Hill, 6th edn, 2010.

All candidates must undergo a written test.

Date and time of the test 16-06-2022 at 9.00AM

Head of the Department