

NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI
DEPARTMENT OF ENERGY AND ENVIRONMENT (DEE)
Ph.D. Admission - July 2019

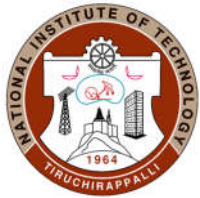
List of shortlisted Candidates for the Written Test

Written test date: 27, May 2019

Venue: NIT-Tiruchirappalli (Please visit www.nitt.edu for updates)

1. Full time: Stipendiary

S.NO.	APPLICATION NO.	FULL NAME	DEPT. REG. NO.
1	PHD/62	PREETHI SINDHU G	EN001
2	PHD/91	PRIYADHARSHINI P	EN002
3	PHD/96	BASKARAN P	EN003
4	PHD/99	SURISSETTI BHASKAR	EN004
5	PHD/109	SUMANTH S	EN005
6	PHD/157	KANNAN G	EN006
7	PHD/164	SANJEEVIPRAKASH K	EN007
8	PHD/196	VEMPALLY MUTHYA GOUD	EN008
9	PHD/197	SHUBHAM ARUN PARWATE	EN009
10	PHD/205	METILDA ANNAMARY J	EN010
11	PHD/210	SHARMA	EN011
12	PHD/221	JINAN.S	EN012
13	PHD/236	DEEPU E KOSHY	EN013
14	PHD/241	NITHYANANDHAM G	EN014
15	PHD/251	UTHAYAKUMAR A	EN015
16	PHD/267	INAMUL HASAN Z	EN016
17	PHD/269	S.ARUNPRASAD	EN017
18	PHD/354	SERENE	EN018
19	PHD/375	ANJU M	EN019
20	PHD/382	SURIYA DEVI	EN020
21	PHD/387	ARUMUGARAJ	EN021
22	PHD/417	BAIRABATHINA SAIKUMAR	EN022
23	PHD/423	DEVAHI P	EN023
24	PHD/424	MANICKAM R	EN024
25	PHD/432	YUVARAJU V	EN025
26	PHD/472	K RAGUL KUMAR	EN026
27	PHD/558	SARAVANAKUMAR	EN027



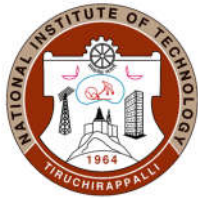
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S.NO.	APPLICATION NO.	FULL NAME	DEPT. REG. NO.
28	PHD/577	B SHIVA PRASAD	EN028
29	PHD/579	THULASIRAM	EN029
30	PHD/610	BINCY B	EN030
31	PHD/683	MOHAMMAD HUSSAIN	EN031
32	PHD/757	RAJA T	EN032
33	PHD/783	SHINDE BHAGWAN RAJEBHAU	EN033
34	PHD/867	SAMJEBADURAI C	EN034
35	PHD/910	M BHUVANESWARI	EN035
36	PHD/911	B.MOHAMED ARAFATH RAJACK	EN036
37	PHD/917	PRINCI TRIPATI	EN037
38	PHD/920	D R RAMAKRISHNAN	EN038
39	PHD/964	DARSSNI R	EN039
40	PHD/969	SURESH REDDY MEKAPATI	EN040
41	PHD/1034	PASUPARTI SUNILKUMAR	EN041
42	PHD/1041	JOSEPH ANIL KUMAR LAKKAKULA	EN042
43	PHD/1044	ARIVAZHAGAN S	EN043
44	PHD/1059	DEVARA HARI BABU	EN044
45	PHD/1118	VIMAL	EN045
46	PHD/1147	JEMILA PERCY A	EN046
47	PHD/1149	ASHOK R	EN047
48	PHD/1151	M NAVEEN ROOBA DOSS	EN048
49	PHD/1242	SANTHOSH KUMAR B	EN049
50	PHD/1246	SHIVA RANJANI RS	EN050
51	PHD/1267	RAJALINGAM A	EN051
52	PHD/1276	SRUTHI GOPAL	EN052
53	PHD/1320	GNANARAJ A	EN053
54	PHD/1323	KALAI VANI S	EN054
55	PHD/1335	PANDIYAN R	EN055
56	PHD/1337	MURALI SAHUKARI	EN056
57	PHD/1379	HITESH KUMAR SINHA	EN057
58	PHD/1390	SREEHARI S	EN058
59	PHD/1570	SAKTHI PRIYA M	EN059
60	PHD/1629	SRINATH N S	EN060
61	PHD/1671	VEERIAIAH CHATLA	EN061
62	PHD/1807	MANIKANDAN P	EN062
63	PHD/1827	BIJU CHACKO	EN063



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S.NO.	APPLICATION NO.	FULL NAME	DEPT. REG. NO.
64	PHD/1834	SUDHA B	EN064
65	PHD/1841	VINOTH BRESNAV K	EN065
66	PHD/1849	PASUPULA MADHU SUDHAKAR	EN066
67	PHD/1913	PERUMALRAJA	EN067
68	PHD/1938	SHALINI K	EN068
69	PHD/1965	YAGNEM ANIL REDDY	EN069
70	PHD/1967	KIRUBAKARAN B	EN070
71	PHD/1970	KARTHIK R	EN071
72	PHD/2049	ARUN SUBRAMANIAN	EN072
73	PHD/2066	KANNAN	EN073
74	PHD/2121	SANTHOSH KUMAR	EN074
75	PHD/2129	VIKAS N P	EN075
76	PHD/2161	T.SANTHANA VIGNESH	EN076
77	PHD/2169	SAYANI SIKDER	EN077
78	PHD/2185	A SUGANYA	EN078
79	PHD/2222	SWAPNAMROY DUTAA	EN079
80	PHD/2230	PRABAKARAN	EN080
81	PHD/2232	KANAPARTHI RAVI KUMAR	EN081
82	PHD/2263	S.KIRUBHAKARAN	EN082
83	PHD/2265	VIGNESH S	EN083
84	PHD/2297	RAMESH KUMAR PATRI	EN084
85	PHD/2316	N S ABHILASH	EN085
86	PHD/2356	SABAREESHWARAN K	EN086
87	PHD/2367	RAJESWARAN V	EN087
88	PHD/2385	JANANI V	EN088
89	PHD/2459	LAKSHMINARASIMHA N	EN089
90	PHD/2529	SURIYA NARAYANAN	EN090
91	PHD/2533	HAREESH KRISHNAN H	EN091
92	PHD/2538	PARVATHY M L	EN092
93	PHD/2545	SUBHANKAR RAY	EN093
94	PHD/2559	NAGA RAJU GHANTASALA	EN094
95	PHD/2563	HARSHAVARTHAN M	EN095
96	PHD/2618	KRISHNARAJ V	EN096
97	PHD/2696	P ARULVEL	EN097
98	PHD/2703	DAIVAASIRVADAM MANDAPALLI	EN098
99	PHD/2714	M.JAYACHITRA	EN099



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S.NO.	APPLICATION NO.	FULL NAME	DEPT. REG. NO.
100	PHD/2744	SUNDARAMAHALINGAM M A	EN100
101	PHD/2797	RAHULKUMAR J	EN101
102	PHD/2798	FETCIA JACKULIN C	EN102
103	PHD/2817	RAKESH C	EN103
104	PHD/2846	VENKATESWARA RAO PARITALA	EN104
105	PHD/2852	KOMANDURI ANANTHA SRINIVAS RAGHAVAN	EN105
106	PHD/2880	AGNES GRANABH R	EN106
107	PHD/2902	SOWNDHARYA J	EN107
108	PHD/2939	ABIRAHAM F	EN108
109	PHD/2942	AJNISH KUMAR SHARMA	EN109
110	PHD/2945	DIVYA RASHMI	EN110
111	PHD/2992	BANTUMILLI SUBRAHMANYAM	EN111
112	PHD/2994	EDWARDWILSON S	EN112
113	PHD/3035	SHASHIKUMAR P M	EN113
114	PHD/3043	ARJUN P S	EN114
115	PHD/3062	AISHWARYA AMARAVATHI	EN115
116	PHD/3067	SREEPATH SREEDHAR	EN116
117	PHD/3074	KARTHIK	EN117
118	PHD/3084	KARTHIK R NARAYANAN	EN118
119	PHD/3137	LAKSHMIPRIYA J	EN119
120	PHD/3148	ARULGANAPATHY.D	EN120
121	PHD/3158	ELIZABETH TEENU GEORGE	EN121
122	PHD/3182	K. ARUN KUMAR	EN122
123	PHD/3194	THIRUVENKATAMANI G	EN123
124	PHD/3209	BASKARAN P	EN124
125	PHD/3219	SUGANTHI P	EN125
126	PHD/3243	AMALA J	EN126
127	PHD/3245	PAVAN RAMCHANDRA PADGHAN	EN127



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2. Part-time: On-campus

S.NO.	APPLICATION NO.	FULL NAME	DEPT. REG. NO.
1	PHD/266	SAISURIYAA G	EN128
2	PHD/415	BARKAVI	EN129
3	PHD/1524	VISHNU NAMBOODIRI V	EN130
4	PHD/2315	MANOJ KUMAR	EN131
5	PHD/2641	RESMI S R	EN132



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3. Part-time: External

S.NO.	APPLICATION NO.	FULL NAME	DEPT. REG. NO.
1	PHD/692	M JOEL FRANKLIN ASARIA	EN133
2	PHD/1850	RITA BISWAS	EN134
3	PHD/1862	PRAKASH K	EN135
4	PHD/1941	ALTAMASH MUSTAFA	EN136
5	PHD/2855	SHANKAR RAO	EN137

4. Full-time: Project

S.NO.	APPLICATION NO.	FULL NAME	DEPT. REG. NO.
1	PHD/162	ANTO S	EN138



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Syllabus For DEE – Ph.D. Written Test July 2019 Session

1. Mathematics: algebra, Differential and Integral calculus, Laplace transforms, basic numerical techniques, Basics of statistics
2. Heat Transfer: Conduction, convection and radiation, heat transfer coefficients, steady and unsteady heat conduction, boiling, condensation and evaporation; types of heat exchangers and evaporators and their design.
3. Mass Transfer: Fick's laws, molecular diffusion in fluids, mass transfer coefficients, Mass transfer theories; momentum, Analogies, stage wise and continuous contacting and stage efficiencies; HTU & NTU concepts design and operation of equipment for distillation, absorption, leaching, liquid-liquid extraction, drying, humidification, dehumidification and adsorption.
4. Fluid Mechanics: Fluid statics, Newtonian and non-Newtonian fluids, Bernoulli equation, Macroscopic friction factors, energy balance, dimensional analysis, shell balances, flow through pipeline systems, flow meters, pumps and compressors, packed and fluidized beds
5. Basics of Electrical Engineering
6. Wind Energy: Wind energy basics, wind energy generators
7. Solar energy.: Basics of solar energy, types of collectors, Applications of solar energy for cooling and heating
8. Fuel cells, their types and applications
9. Air Pollution.: Types of pollutants, their sources and impacts, air pollution meteorology, air pollution control, air quality standards and limits
10. Water Pollution: Quality standards, basic unit processes and operations for water treatment. Drinking water standards, water requirements, Primary, secondary and tertiary treatment of wastewater, sludge disposal, effluent discharge standards.
11. Bio process engineering and down-stream processing.

Dr. N. Anantharaman
HoD/DEE