

Indian Institute of Technology Palakkad
Electrical Engineering
Research Admissions – December 2021

The candidates shortlisted for interviews in the advertised areas are given below. Intimation emails will be sent on or before Nov 25, 2021. Due to the serious situation that exists in the country which makes traveling impossible, we have decided that there will not be any test for the shortlisted candidates, but interviews, which will be conducted through only video conferencing. Video interviews will be held from December 01 –December 14, 2021. The shortlisted candidates for the interview will receive detailed instructions on how to proceed further. The last date for contacting the department if there are any discrepancies is November 28, 2021 (ee-admissions@iitpkd.ac.in).

Important: An applicant who is shortlisted for the interview needs to submit a statement of purpose of about 500 words before November 30, 2021. If the candidate fails to do so, it will be assumed that he/she is not planning to attend the interview and the application will not be processed further. Exact details regarding the same will be provided in the intimation email.

Area 1: Digital VLSI Design

Summary of shortlisting criteria for PhD admission

	GEN	GEN-EWS	OBC	SC	ST	PwD
Shortlisting Criteria						
GATE Score greater than or equal to	500	450	450	333	333	333

Shortlisted Candidates

S.N	Application No
1	PHDEEDEC2021-2494-4206
2	PHDEEDEC2021-2494-3920
3	PHDEEDEC2021-2494-4393
4	PHDEEDEC2021-2494-4172
5	PHDEEDEC2021-2494-5379
6	PHDEEDEC2021-2494-5067
7	PHDEEDEC2021-2494-3842
8	PHDEEDEC2021-2494-5329
9	PHDEEDEC2021-2494-4420

Area 2: Power Systems

Summary of shortlisting criteria for Ph.D. admission

	GEN	GEN-EWS	OBC	SC	ST	PwD
Shortlisting Criteria	74% (PG)	66.6% (PG)	66.6% (PG)	49.6% (PG)	49.6% (PG)	49.6% (PG)

Shortlisted Candidates

S.N	Application No
1	PHDEEDEC2021- 2494-3814

Note: As per the information announced in the advertisement, for this area only part-time candidates (Eligibility Criteria E4.IIT Palakkad staff) are considered in the round of admissions.

Area 3: Antennas and Electromagnetics, RF and Microwave Integrated Circuits

Summary of shortlisting criteria for Ph.D. admission

	GEN	GEN-EWS	OBC	SC	ST	PwD
Shortlisting Criteria: <i>(All criteria are mentioned as greater than equal to ('≥'))</i>	74% (UG) + 74% (PG) + without GATE score OR 69% (UG) + 69% (PG) + with GATE score OR 85% (UG) + with GATE score (for E3 category)	66.6 % (UG) + 66.6% (PG) + without GATE score OR 62.1% (UG) + 62.1% (PG) + with GATE score OR 76.5% (UG) + with GATE score (for E3 category)	66.6 % (UG) + 66.6% (PG) + without GATE score OR 62.1% (UG) + 62.1% (PG) + with GATE score OR 76.5% (UG) + with GATE score (for E3 category)	49.58% (UG) + 49.58% (PG) + without GATE score OR 46.23% (UG) + 46.23% (PG) + with GATE score OR 56.95% (UG) + with GATE score (for E3 category)		49.58% (UG) + 49.58% (PG) + without GATE score OR 46.23% (UG) + 46.23% (PG) + with GATE score OR 56.95% (UG) + with GATE score (for E3 category)

Shortlisted Candidates

S.N	Application No
1	PHDEEDEC2021-2494-3433
2	PHDEEDEC2021-2494-3519
3	PHDEEDEC2021-2494-3524
4	PHDEEDEC2021-2494-3625
5	PHDEEDEC2021-2494-3640
6	PHDEEDEC2021-2494-3749
7	PHDEEDEC2021-2494-3794
8	PHDEEDEC2021-2494-3795
9	PHDEEDEC2021-2494-3824
10	PHDEEDEC2021-2494-3910
11	PHDEEDEC2021-2494-4034
12	PHDEEDEC2021-2494-4091
13	PHDEEDEC2021-2494-4253
14	PHDEEDEC2021-2494-4354
15	PHDEEDEC2021-2494-4375
16	PHDEEDEC2021-2494-4381
17	PHDEEDEC2021-2494-4415
18	PHDEEDEC2021-2494-4597
19	PHDEEDEC2021-2494-4817
20	PHDEEDEC2021-2494-4867
21	PHDEEDEC2021-2494-5250
22	PHDEEDEC2021-2494-5333
23	PHDEEDEC2021-2494-5379
24	PHDEEDEC2021-2494-4788
25	PHDEEDEC2021-2494-4206
26	PHDEEDEC2021-2494-4615
27	PHDEEDEC2021-2494-4071
28	PHDEEDEC2021-2494-5139
29	PHDEEDEC2021-2494-5403

Area 4: Sensors, Actuators, and Instrumentation

Summary of shortlisting criteria for Ph.D. admission

	GEN	GEN-EWS	OBC	SC	ST	PwD
Shortlisting Criteria All criteria are mentioned as greater than equal to ('$\geq$')	65% (UG) and 85% (PG)	58% (UG) and 75% (PG)		43% (UG) and 56% (PG)		

Note:

Candidates should indicate the following points clearly in their SOPs:

1. Concise description of a research idea (related to any of the following areas: Sensors, Measurements, and Instrumentation). The candidate can consider including diagrams that illustrate the research idea, if applicable.
2. Reasons/motivation for joining the 'Sensors, Measurements and Instrumentation' Ph.D. program.

Shortlisted Candidates

Sl. No.	Application No.
1	PHDEEDEC2021-2494-3785
2	PHDEEDEC2021-2494-3931
3	PHDEEDEC2021-2494-4073
4	PHDEEDEC2021-2494-4198
5	PHDEEDEC2021-2494-4824
6	PHDEEDEC2021-2494-4930
7	PHDEEDEC2021-2494-5139
8	PHDEEDEC2021-2494-3981
9	PHDEEDEC2021-2494-4415
10	PHDEEDEC2021-2494-3489
11	PHDEEDEC2021-2494-3575
12	PHDEEDEC2021-2494-3676
13	PHDEEDEC2021-2494-3739
14	PHDEEDEC2021-2494-3968
15	PHDEEDEC2021-2494-4188

16	PHDEEDEC2021-2494-4565
17	PHDEEDEC2021-2494-4950
18	PHDEEDEC2021-2494-5086
19	PHDEEDEC2021-2494-5118
20	PHDEEDEC2021-2494-5256
21	PHDEEDEC2021-2494-5306
22	PHDEEDEC2021-2494-4756
23	PHDEEDEC2021-2494-3459
24	PHDEEDEC2021-2494-4033
25	PHDEEDEC2021-2494-4460
26	PHDEEDEC2021-2494-4953
27	PHDEEDEC2021-2494-5278
28	PHDEEDEC2021-2494-3458
29	PHDEEDEC2021-2494-3814
30	PHDEEDEC2021-2494-4079
31	PHDEEDEC2021-2494-4101
32	PHDEEDEC2021-2494-4168
33	PHDEEDEC2021-2494-4866
34	PHDEEDEC2021-2494-4888
35	PHDEEDEC2021-2494-4922
36	PHDEEDEC2021-2494-5047
37	PHDEEDEC2021-2494-5261
38	PHDEEDEC2021-2494-5286
39	PHDEEDEC2021-2494-5356
40	PHDEEDEC2021-2494-5372
41	PHDEEDEC2021-2494-5050
42	PHDEEDEC2021-2494-4596

Area 5: Control and robotics

Summary of shortlisting criteria for Ph.D. admission

	GEN	GEN-EWS	OBC	SC	ST	PwD
Shortlisting Criteria	MTech % greater than: 79% (GEN), 71.1% (GEN-EWS/OBC), 52.93% (SC/ST/PwD) For CFTI BTech CGPA is 8/10 (GEN), 7.5/10 (GEN-EWS/OBC), 7/10 (SC/ST/PwD)					

Shortlisted Candidates:

Sl. No.	Application No.
1	PHDEEDEC2021-2494-3676
2	PHDEEDEC2021-2494-4163
3	PHDEEDEC2021-2494-3965
4	PHDEEDEC2021-2494-3489
5	PHDEEDEC2021-2494-5306
6	PHDEEDEC2021-2494-3433
7	PHDEEDEC2021-2494-4824
8	PHDEEDEC2021-2494-4114
9	PHDEEDEC2021-2494-3739
10	PHDEEDEC2021-2494-4871
11	PHDEEDEC2021-2494-4188
12	PHDEEDEC2021-2494-4407
13	PHDEEDEC2021-2494-4565
14	PHDEEDEC2021-2494-4552
15	PHDEEDEC2021-2494-4712
16	PHDEEDEC2021-2494-4381
17	PHDEEDEC2021-2494-3622
18	PHDEEDEC2021-2494-4262
19	PHDEEDEC2021-2494-5424
20	PHDEEDEC2021-2494-4839
21	PHDEEDEC2021-2494-3897
22	PHDEEDEC2021-2494-5213
23	PHDEEDEC2021-2494-4534
24	PHDEEDEC2021-2494-4590
25	PHDEEDEC2021-2494-4497
26	PHDEEDEC2021-2494-3765
27	PHDEEDEC2021-2494-3886
28	PHDEEDEC2021-2494-4588
29	PHDEEDEC2021-2494-4585
30	PHDEEDEC2021-2494-3405
31	PHDEEDEC2021-2494-5358
32	PHDEEDEC2021-2494-5109
33	PHDEEDEC2021-2494-3833
34	PHDEEDEC2021-2494-4900
35	PHDEEDEC2021-2494-4905

36	PHDEEDEC2021-2494-4073
37	PHDEEDEC2021-2494-4669
38	PHDEEDEC2021-2494-4721
39	PHDEEDEC2021-2494-5131
40	PHDEEDEC2021-2494-4648
41	PHDEEDEC2021-2494-3917
42	PHDEEDEC2021-2494-4491
43	PHDEEDEC2021-2494-5039
44	PHDEEDEC2021-2494-3568
45	PHDEEDEC2021-2494-4507
46	PHDEEDEC2021-2494-5148
47	PHDEEDEC2021-2494-5256
48	PHDEEDEC2021-2494-4788
49	PHDEEDEC2021-2494-5086
50	PHDEEDEC2021-2494-4274
51	PHDEEDEC2021-2494-4747
52	PHDEEDEC2021-2494-3930
53	PHDEEDEC2021-2494-4450
54	PHDEEDEC2021-2494-5118
55	PHDEEDEC2021-2494-4950
56	PHDEEDEC2021-2494-4305
57	PHDEEDEC2021-2494-3859
58	PHDEEDEC2021-2494-4926
59	PHDEEDEC2021-2494-4549
60	PHDEEDEC2021-2494-3766
61	PHDEEDEC2021-2494-5089
62	PHDEEDEC2021-2494-5048
63	PHDEEDEC2021-2494-3968
64	PHDEEDEC2021-2494-3575
65	PHDEEDEC2021-2494-5430
66	PHDEEDEC2021-2494-5107
67	PHDEEDEC2021-2494-3747
68	PHDEEDEC2021-2494-4287

Note:

In SOP, the candidates must mention the reasons/motivation for joining the 'control and robotics' Ph.D. program and the relevant work done in the same area.

Area 6: Nanoelectronics, Plasmonics & Semiconductor Devices (Ph.D.)

Summary of shortlisting criteria for Ph.D. admission

	GEN	GEN-EWS	OBC	SC/ST	PwD
<u>Shortlisting Criteria</u>					
With min. MTech/ME cut-off of: OR With valid GATE score or UGC/CSIR-NET/NBHM/INSPIRE or equivalent qualification & min. MSc cut-off of: OR With MTech/ME/MSc & with best GATE score of at least: OR [for Direct Ph.D.] UG from CFTI with min. CGPA of:	80%	72%	72%	53.6%	53.6%
	80%	72%	72%	53.6%	53.6%
	500	450	450	335	335
	8/10	7.5/10	7.5/10	7/10	7/10

Regarding SoP:

The SoP should include a brief description of a research idea that interests the candidate (related to any of the following areas: Nanoelectronics, Plasmonics, Semiconductor Devices). The candidate must neatly sketch a band diagram (or any other relevant diagrams) to explain the idea.

Shortlisted Candidates:

Sl. No.	Application No
1	PHDEEDEC2021-2494-3459
2	PHDEEDEC2021-2494-3595
3	PHDEEDEC2021-2494-3683
4	PHDEEDEC2021-2494-3766
5	PHDEEDEC2021-2494-3901
6	PHDEEDEC2021-2494-3974
7	PHDEEDEC2021-2494-4033
8	PHDEEDEC2021-2494-4210
9	PHDEEDEC2021-2494-4349
10	PHDEEDEC2021-2494-4420
11	PHDEEDEC2021-2494-4457
12	PHDEEDEC2021-2494-4460
13	PHDEEDEC2021-2494-4475
14	PHDEEDEC2021-2494-4497
15	PHDEEDEC2021-2494-4534
16	PHDEEDEC2021-2494-4587
17	PHDEEDEC2021-2494-4636
18	PHDEEDEC2021-2494-4819
19	PHDEEDEC2021-2494-4953
20	PHDEEDEC2021-2494-4956
21	PHDEEDEC2021-2494-5088
22	PHDEEDEC2021-2494-5229
23	PHDEEDEC2021-2494-5278
24	PHDEEDEC2021-2494-5300

25	PHDEEDEC2021-2494-5362
26	PHDEEDEC2021-2494-5413
27	PHDEEDEC2021-2494-3519
28	PHDEEDEC2021-2494-3749
29	PHDEEDEC2021-2494-3824
30	PHDEEDEC2021-2494-3910
31	PHDEEDEC2021-2494-4817
32	PHDEEDEC2021-2494-4867
33	PHDEEDEC2021-2494-5250
34	PHDEEDEC2021-2494-3422
35	PHDEEDEC2021-2494-3842
36	PHDEEDEC2021-2494-3860
37	PHDEEDEC2021-2494-3862
38	PHDEEDEC2021-2494-3920
39	PHDEEDEC2021-2494-3943
40	PHDEEDEC2021-2494-4121
41	PHDEEDEC2021-2494-4207
42	PHDEEDEC2021-2494-4265
43	PHDEEDEC2021-2494-4267
44	PHDEEDEC2021-2494-4306
45	PHDEEDEC2021-2494-4470
46	PHDEEDEC2021-2494-4558
47	PHDEEDEC2021-2494-4886
48	PHDEEDEC2021-2494-5067
49	PHDEEDEC2021-2494-5241
50	PHDEEDEC2021-2494-5376
51	PHDEEDEC2021-2494-5416
52	PHDEEDEC2021-2494-3626
53	PHDEEDEC2021-2494-5090
54	PHDEEDEC2021-2494-5189
55	PHDEEDEC2021-2494-5385
56	PHDEEDEC2021-2494-3904
57	PHDEEDEC2021-2494-4976