

2019 Autumn Ph.D. Admission (CSE)

Instructions to Candidates

The Ph.D. program will be offered in two streams: Track A (Theoretical Computer Science-Artificial Intelligence) and Track B (Computer Systems).

Statement of Purpose. The candidate should bring a self-written *one-page* write-up outlining their interest in the area, knowledge, motivation for doing Ph.D. The write-up need not be technical.

The expected preparation for the candidates for each stream is outlined below.

Track A: Theoretical Computer Science-Artificial Intelligence

This track is for candidates who wish to do a Ph.D. in the following areas: Applied Statistics, Logic in Computer Science, Automata theory, Formal Methods and Verification, Algorithms, Computational Complexity, Artificial Intelligence, Machine Learning.

Written Test. There will be a preliminary written test. The syllabus for the test will be Data Structures and Algorithms, Theory of Computation (TOC), Algorithm Design and Analysis, Familiarity with programming, Discrete Mathematics (sets, logic, Combinatorics, graphs, recurrence equations), Calculus, Linear Algebra, Probability, and Basic Statistics.

The written test will consist of two sections: First section will have multiple choice questions and/or fill in the blanks. The second section consists of descriptive questions.

Interview. The candidates who clear the test will be interviewed on a topic of the candidate's choice from one or two of the topics listed for the Written Test. Candidates are expected to have a *deep understanding* of the topics they choose for interview. Candidates should be prepared in at least one of the mathematical areas such as *Linear Algebra, Probability, Calculus, and Statistics* and one of the basic computer science areas such as *Discrete Mathematics, Algorithms, and TOC*.

Track B: Computer Systems

This track is for candidates who wish to do a Ph.D. in the following areas: Computer Architecture, Computer Systems Security, Computing for Assistive and Medical Technologies, and Reconfigurable Computing.

Written Test. The syllabus for the test will be Computer Architecture, Digital Logic, Algorithms, Operating Systems, Programming Languages (C and Verilog), and Basic Mathematics.

Interview. The candidates who clear the test will be interviewed. They should come prepared for an interview in both (i) and (ii) as follows:

(i) In one of the following subjects/topics: *Data Structures, Algorithms, Programming Languages (also includes HDLs like Verilog, VHDL) AND*

(ii) In one of the following subjects/topics: *Computer Architecture, Digital Logic, Digital Systems Designs, Software Security, Hardware Security, Computer Arithmetic, FPGA Based Implementations, Computer Vision, Electronic Design Automation*

Important dates

- **May 21 and 22** - Test and interviews for both **Regular** and **Part-time** candidates

Reporting time

- **9 am**

Venue

- **Admin Block, Indian Institute of Technology Goa**, At GEC Campus, Farmagudi, Ponda, Goa 403401

Shortlisted Candidates for Written Test and Interview

Regular

SERIAL NUMBER	APPLICATION NUMBER	NAME
1	1006	PRAVIN KUMAR PANDEY
2	1009	SANDIPAN DHAR
3	1024	VENKATANAGASUDHEER THUMMAPUDI
4	1040	SRILAKSHMI V
5	1054	ADITI SHETKAR
6	1060	SANDIPAN CHOWDHURY
7	1064	SUJOY DATTA
8	1074	LIFNA C S
9	1076	DEEPIKA UPADHYAY
10	1080	SHIV NARAYAN GAUR
11	1082	ABHISHEK ANAND
12	1086	SARWAR ALAM
13	1088	AZAD SINGH
14	1104	PANKAJ SHARMA
15	1111	RAMAKANT UPADHYAY
16	1113	BALAJI N
17	1125	ARPIT TRIPATHI
18	1127	RIJVAN BEG
19	1139	AKHIL N V
20	1164	ANIRUDDHA PRABHU B P
21	1169	VEERA VENKATA SUDHAKAR R
22	1170	SUPRIYA SHAKYA
23	1190	NITU KUMARI
24	1199	ROHIT SINGH
25	1205	NISHA THAKUR
26	1207	SRILEKHA PANDA
27	1212	SAINA SUNNY
28	1218	SHIKHAR BHARDWAJ

29	1224	ABHISHEK BHANDARI
30	1233	TIRTHANKAR SENGUPTA
31	1239	RAJESHWARI ACHARYA
32	1256	CHITRA NAYAGAM
33	1261	HARSHA DUDEJA
34	1298	SYED ISMAIL
35	1302	RUCHA JOSHI
36	1318	TAREEK PATTEWAR
37	1330	JAYANT VYAS
38	1331	MAHESH KUMAR M R
39	1365	SANTOSH KUMAR SMMARWAR
40	1369	MAYANK KUNDALWAL
41	1375	ADITI DAVE
42	1386	S MANJUNATH
43	1403	NYAMATHULLA SHAIK
44	1439	DEBASIS SARDAR
45	1448	MANISHA PATIL
46	1454	CHIDANANDA T
47	1524	HARSHIT BHARDWAJ
48	1526	SUMANTA DEB
49	1535	KARTIK SHARMA
50	1546	MANU SHRIVASTAVA
51	1549	DIKSHA RANGWANI
52	1572	CHANDRABHUSHAN PRASAD
53	1575	SANIL GANDHI
54	1592	MARAMREDDY YOGI REDDY
55	1600	SANDEEP KUMAR
56	1603	BADAL MASTER
57	1628	MOHAMMAD IMRAN
58	1632	IDA HECTOR
59	1640	ALIYA EDATHADATHIL
60	1651	ANKUSH SAWARKAR
61	1701	MANDEEP KUMAR

62	1705	PRABUDDHA SINHA
63	1706	RAJSHREE SRIVASTAVA
64	1712	SAURABH RAWAL
65	1720	AKHILA THOUTAM
66	1733	TEKARAM KISAN
67	1739	SUCHARITA KHUNTIA
68	1750	NIVEDITTA NIVEDITTA
69	1754	ENAKSHI JANA
70	1777	ANS MARIA JOSEPH
71	1778	MADHUSMITA SAMAL
72	1780	SANDIP CHAKRABORTY
73	1803	VIRENDRA PAL SINGH
74	1816	SURESH KOLEKAR
75	1853	EDURI RAJA
76	1856	ANJANA ASHOK
77	1859	NIKITA KANWAR
78	1862	RAVIKANT .
79	1884	LALIT KUMAR
80	1900	SHRIDHAR CHINI
81	1917	ANKITA KUMARI
82	1940	AISHWARYA VARDHAN
83	1943	MD TANJEEM AKHTAR
84	1944	JAYDEEP KALE
85	1947	NARENDRA KUMAR SOLANKI
86	1948	PAWAN KUMAR
87	1963	RAJIV KUMAR
88	1966	KAMAL KANT AHIRWAR
89	1971	MOHAMMAD ABDUSSAMI
90	1988	PAVITRA BHADE
91	2028	DIPANJAN BANERJEE
92	2039	WILFRED KISKU
93	2093	SATARUPA MITRA
94	2133	SATISH GANGAVATI

95	2142	HIMANSHU SWARNKAR
96	2151	ASHIKA NAIK
97	2162	ATRAYEE DUTTA
98	2166	ABHINAV AGRAWAL
99	2201	IRFAN ALAM
100	2202	TARACHAND VERMA
101	2212	SAURAV GUPTA
102	2231	PRAGATI AGRAWAL
103	2234	ANKUR SHARMA
104	2253	MANDA KIRAN KUMAR
105	2262	RAVNEET KAUR
106	2276	DANY VARGHESE
107	2281	ANKUR NAHAR
108	2283	AMRITESH KUMAR
109	2286	HARSHIT AGGARWAL
110	2300	MANISH KUMAR
111	2312	RAVI SINGH
112	2344	AKANSHA TYAGI
113	2393	VUYYURU PUNNA RAO
114	2394	KAUSHLESH SINGH SHAKYA
115	2416	PRANITA BINNAR
116	2451	ARTI NAIK
117	2461	ANASUYA JANA
118	2469	ABHIJIT MOHANTA
119	2474	KRISHANVEER GANGWAR
120	2478	ADITI SEETHA
121	2486	DEBARATI BHATTACHARJEE
122	2492	VENKATA BHIKSHAPATHI CHENAM
123	2503	SHAMAL KASHID
124	2504	MUSHTAK GADKARI
125	2523	CHARAN TEJA PARIMI
126	2574	SURAJ BORATE
127	2578	SANDIP CHAKRABORTY

128	2624	PRAGYA .
129	2649	VENKATESAN NATESAN
130	2666	AMIT KUMAR
131	2668	PANDURANGA TEJA
132	2685	KRUSHNA PANDIT
133	2687	KETAN ANAND
134	2697	ANJU .
135	2705	VIJAY KOLEKAR
136	2706	ANUJ RAI
137	2725	ABHIJEET SINGH THAKUR
138	2728	RAJ BAHADUR SINGH
139	2730	ANISH ANURAG
140	2741	PRIYANKA TAYDE
141	2751	PRASHANT SAHU
142	2757	DIVYA SINGH
143	2759	RAJESHWAR YADAV
144	2762	RAHUL KULKARNI
145	2767	BODDU VENKATESWARLU
146	2771	SURENDRA KUMAR
147	2788	AJITH VARGHESE
148	2802	RAVI KANT

Part-time

Serial Number	Application Number	Name
1	1286	SOMYA CHAUHAN
2	2345	ANKITA TERKHEDKAR
3	2303	AMRUTA KHOT
4	1556	ASHISH PARIHAR
5	1695	INDIRA RAUT
6	2676	ANUSHA VEGESNA
7	1152	SHRINIVAS DANDWATE
8	2235	JAYCHAND UPADHYAY
9	1788	PRIYANK SHARMA
10	2667	RITESH WANTOO
11	2211	OKSTYNN RODRIGUES
12	1573	MAHESH BHANDARI
13	2315	HEMANTH KUMAR GADI
14	2444	SUYOG NAGARE
15	2199	VINITA KORGAONKAR
16	2137	UJWALA PODGANTAWR
17	2338	ADITI SHINDE
18	2571	DARSHAN MHAPASEKAR
19	1272	AMARENDRA CHAURASIA
20	1118	PRAKASH WAGHAMODE
21	1787	UJWALA WANASKAR
22	2198	NITIN KATARIA

Assistant Registrar
Academic Programmes

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