



॥ त्वं ज्ञानमयो विद्वानमयोऽसि ॥

Department of Computer Science and Engineering

Indian Institute of Technology Jodhpur

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PHD ADMISSIONS, JULY 2017-18

Date: 11 April 2017

I. Shortlisting Criteria

- For M. Tech./M. E/M.S as qualifying degree:
 - 65% of marks or 7.0/10 CGPA/CPI, and
 - 60% of marks or 6.5/10 CGPA/CPI in B. Tech./ B. E or equivalent level.
- For B. Tech./B. E/M.Sc as qualifying degree:
 - 80% marks or 8.0/10 CGPA/CPI, and
 - Valid GATE score in paper CSE/IT

Relaxation for applicants from PD and SC/ST category is 5% in marks or 0.5 in CGPA/CPI in the qualifying degree only.

II. Schedule of PhD Written Test

- **Date: 10 May 2017 (Wednesday)**, Written Test 9:30 AM
- Venue: Academic block - II, IIT Jodhpur
- Written test is compulsory
- **Only those who qualify in written test will be called for the interview.** Interviews will be held on the same day in the afternoon/evening.

III. Syllabi for Written Test

PART - A

Paper 1. Programming and Data Structures: Programming in C; Functions, Recursion, Parameter passing, Scope, Binding; Abstract data types, Arrays, Stacks, Queues, Linked Lists, Trees, Binary search trees, Binary heaps.

Paper 2. Algorithms: Analysis, Asymptotic notation, Notions of space and time complexity, Worst and average case analysis; Design: Greedy approach, Dynamic programming, Divide-and-conquer; Tree and graph traversals, Connected components, Spanning trees, Shortest paths; Hashing, Sorting, Searching.

PART - B

Paper 3. Computer Networks: ISO/OSI stack, LAN technologies (Ethernet, Token ring, Wifi), Flow and error control techniques, Routing algorithms, Congestion control, TCP/UDP and sockets, IP(v4), Application layer protocols (icmp, dns, smtp, pop, ftp, http); Basic concepts of hubs, switches, gateways, and routers. Network security – basic concepts of public key and private key cryptography, digital signature, firewalls.

OR

Paper 4. Pattern Recognition: k-means clustering, Gaussian Mixture Modeling, Principal Component Analysis, Linear Classifiers, Linear Discriminant Analysis, Artificial Neural Network, Support Vector Machines, Spatial Domain Approaches to Image Enhancement, Morphological Operations.

OR

Paper 5, Combinatorics: Elementary combinatorics (including inclusion-exclusion principle, pigeonhole principle), recurrence relations, generating functions, graph theory - paths and cycles, trees, digraphs, planar graphs, Eulerian graphs, Hamiltonian paths

Note: Written test consists of Part-A and Part-B. Candidates must appear for both papers in Part-A and any one paper in Part-B depending on the area in which the candidate is interested to pursue his/her PhD. For example, Candidates who wish to pursue Ph.D. in the area of Computer Networks/IoT will need to appear for Papers 1, 2, and 3. Pattern of the written test is similar to the GATE examination.

IV List of shortlisted candidates to appear for the written test

Note: Please go through the criteria used for shortlisting. In case you found that, you are *not* meeting the criteria but called for the written test OR meeting the criteria but *not* called for the written test, please contact immediately: office_cse@iitj.ac.in

Sr. No.	Application Number	Name of Candidate
1	IITJ/2017-18/JULY2017/PHD/CSE/101	AMIT JENA
2	IITJ/2017-18/JULY2017/PHD/CSE/102	AYUSHI GAUR
3	IITJ/2017-18/JULY2017/PHD/CSE/104	MAHATIM SINGH
4	IITJ/2017-18/JULY2017/PHD/CSE/110	ANKIT KUMAR JAIN
5	IITJ/2017-18/JULY2017/PHD/CSE/118	RABEL GUHARROY
6	IITJ/2017-18/JULY2017/PHD/CSE/119	VIDYAPATI JHA
7	IITJ/2017-18/JULY2017/PHD/CSE/120	TEENA HADPAWAT
8	IITJ/2017-18/JULY2017/PHD/CSE/124	NIDHI AHLAWAT
9	IITJ/2017-18/JULY2017/PHD/CSE/126	KALPANA GANGWAR
10	IITJ/2017-18/JULY2017/PHD/CSE/128	ASHISH KARAN
11	IITJ/2017-18/JULY2017/PHD/CSE/13	RAMINDER KAUR
12	IITJ/2017-18/JULY2017/PHD/CSE/131	SWAGARIKA JAHARLAL GIRI
13	IITJ/2017-18/JULY2017/PHD/CSE/132	SUDHAKAR KUMAWAT
14	IITJ/2017-18/JULY2017/PHD/CSE/134	SHAIK MOINUDDIN AHMED
15	IITJ/2017-18/JULY2017/PHD/CSE/135	SUBHRAJIT NAG
16	IITJ/2017-18/JULY2017/PHD/CSE/136	SACHIN DUBE
17	IITJ/2017-18/JULY2017/PHD/CSE/141	ANVITI PANDEY
18	IITJ/2017-18/JULY2017/PHD/CSE/142	PRASHANT KUMAR
19	IITJ/2017-18/JULY2017/PHD/CSE/146	PRIYANKAR CHOUDHARY
20	IITJ/2017-18/JULY2017/PHD/CSE/148	RAMESH KUMAR THAKUR
21	IITJ/2017-18/JULY2017/PHD/CSE/151	RAVI NAHTA
22	IITJ/2017-18/JULY2017/PHD/CSE/156	SHUBHAM SIDANA
23	IITJ/2017-18/JULY2017/PHD/CSE/159	SAYANI BANERJEE
24	IITJ/2017-18/JULY2017/PHD/CSE/16	NEERAJ ARORA
25	IITJ/2017-18/JULY2017/PHD/CSE/160	SRIRAMPRAKASH.S
26	IITJ/2017-18/JULY2017/PHD/CSE/161	BHAVANA MOHANALAL JAIN
27	IITJ/2017-18/JULY2017/PHD/CSE/164	ANKIT AGARWAL
28	IITJ/2017-18/JULY2017/PHD/CSE/168	UJJWAL SINHA MAHAPATRA
29	IITJ/2017-18/JULY2017/PHD/CSE/170	GHUFRAN KHAN
30	IITJ/2017-18/JULY2017/PHD/CSE/177	DEEPTI AMETA
31	IITJ/2017-18/JULY2017/PHD/CSE/179	AKHILESH LADHA
32	IITJ/2017-18/JULY2017/PHD/CSE/180	BELA CHAKRABARTI
33	IITJ/2017-18/JULY2017/PHD/CSE/181	NISHTHA PARASHAR
34	IITJ/2017-18/JULY2017/PHD/CSE/182	UMAR BASHIR MIR
35	IITJ/2017-18/JULY2017/PHD/CSE/184	SHREYA MISHRA
36	IITJ/2017-18/JULY2017/PHD/CSE/188	HRISHABH PRAJAPATI
37	IITJ/2017-18/JULY2017/PHD/CSE/19	RAVIKANT GUPTA
38	IITJ/2017-18/JULY2017/PHD/CSE/190	GAURAV BHARDWAJ
39	IITJ/2017-18/JULY2017/PHD/CSE/193	KAMAL KUMAR CHAUHAN
40	IITJ/2017-18/JULY2017/PHD/CSE/194	SHIVANI SAMDANI

41	IITJ/2017-18/JULY2017/PHD/CSE/195	SIMARJEET SINGH BHATIA
42	IITJ/2017-18/JULY2017/PHD/CSE/196	PRATIMA KUMARI
43	IITJ/2017-18/JULY2017/PHD/CSE/201	NUSRAT FATMA
44	IITJ/2017-18/JULY2017/PHD/CSE/202	ANKUR RAJPUT
45	IITJ/2017-18/JULY2017/PHD/CSE/206	PRERITA KANKARIA
46	IITJ/2017-18/JULY2017/PHD/CSE/21	CHANDA
47	IITJ/2017-18/JULY2017/PHD/CSE/210	ABHAY KUMAR MISHRA
48	IITJ/2017-18/JULY2017/PHD/CSE/211	KHUSHBOO SINGH
49	IITJ/2017-18/JULY2017/PHD/CSE/213	SUJIT KUMAR RAY
50	IITJ/2017-18/JULY2017/PHD/CSE/214	BARAH FAZILI
51	IITJ/2017-18/JULY2017/PHD/CSE/222	PRACHI ARORA
52	IITJ/2017-18/JULY2017/PHD/CSE/224	BAM BAHADUR SINHA
53	IITJ/2017-18/JULY2017/PHD/CSE/227	GAURAV SHUKLA
54	IITJ/2017-18/JULY2017/PHD/CSE/23	RAJENDRA KUMAR KHATRI
55	IITJ/2017-18/JULY2017/PHD/CSE/232	ABHISEK GOUR
56	IITJ/2017-18/JULY2017/PHD/CSE/237	PALAK JAIN
57	IITJ/2017-18/JULY2017/PHD/CSE/243	SANTOSH KUMAR MISHRA
58	IITJ/2017-18/JULY2017/PHD/CSE/247	ARUNIMA SHARMA
59	IITJ/2017-18/JULY2017/PHD/CSE/249	NAND KUMAR JYOTISH
60	IITJ/2017-18/JULY2017/PHD/CSE/255	MANISH TOMAR
61	IITJ/2017-18/JULY2017/PHD/CSE/257	PRASEN KUMAR SHARMA
62	IITJ/2017-18/JULY2017/PHD/CSE/26	KAMANASISH BHATTACHARJEE
63	IITJ/2017-18/JULY2017/PHD/CSE/260	AJAY KUMAR SAHU
64	IITJ/2017-18/JULY2017/PHD/CSE/268	AANCHAL
65	IITJ/2017-18/JULY2017/PHD/CSE/270	PANKAJ SHARMA
66	IITJ/2017-18/JULY2017/PHD/CSE/272	SHUBHAM JAIN
67	IITJ/2017-18/JULY2017/PHD/CSE/273	NADEEM AHMAD
68	IITJ/2017-18/JULY2017/PHD/CSE/278	NIRMAL BHARADWAJ
69	IITJ/2017-18/JULY2017/PHD/CSE/280	DIWAKAR PATEL
70	IITJ/2017-18/JULY2017/PHD/CSE/283	SARTHAK SANTOSH VORA
71	IITJ/2017-18/JULY2017/PHD/CSE/285	TOM GLINT ISSAC
72	IITJ/2017-18/JULY2017/PHD/CSE/287	PRAGYA
73	IITJ/2017-18/JULY2017/PHD/CSE/288	SABAH TAZEEN
74	IITJ/2017-18/JULY2017/PHD/CSE/289	JALAJ JINDAL
75	IITJ/2017-18/JULY2017/PHD/CSE/29	PRATEK MISHRA
76	IITJ/2017-18/JULY2017/PHD/CSE/293	UTKARSH SHARMA
77	IITJ/2017-18/JULY2017/PHD/CSE/294	AKASH GUPTA
78	IITJ/2017-18/JULY2017/PHD/CSE/295	JASPREET KAUR
79	IITJ/2017-18/JULY2017/PHD/CSE/296	RAKESH KUMAR SINHA
80	IITJ/2017-18/JULY2017/PHD/CSE/30	BHARAT RICHHARIYA
81	IITJ/2017-18/JULY2017/PHD/CSE/301	AKANKSHA DUBEY
82	IITJ/2017-18/JULY2017/PHD/CSE/310	TANZEEM
83	IITJ/2017-18/JULY2017/PHD/CSE/311	VINOD KUMAR T
84	IITJ/2017-18/JULY2017/PHD/CSE/34	AASTHA SHRIVASTAVA
85	IITJ/2017-18/JULY2017/PHD/CSE/39	KHITISH KUMAR GADNAYAK
86	IITJ/2017-18/JULY2017/PHD/CSE/5	SAGARJIT DASH
87	IITJ/2017-18/JULY2017/PHD/CSE/52	MONALI MOHITE
88	IITJ/2017-18/JULY2017/PHD/CSE/53	VIDUSHI GUPTA
89	IITJ/2017-18/JULY2017/PHD/CSE/56	ABHISHEK BAJPAI
90	IITJ/2017-18/JULY2017/PHD/CSE/57	JUNAID ALI RESHI
91	IITJ/2017-18/JULY2017/PHD/CSE/6	DEEPTI AMETA
92	IITJ/2017-18/JULY2017/PHD/CSE/60	KUMARI NEHA
93	IITJ/2017-18/JULY2017/PHD/CSE/64	ANKUR NAHAR
94	IITJ/2017-18/JULY2017/PHD/CSE/66	SANJEEV AGNIHOTRI
95	IITJ/2017-18/JULY2017/PHD/CSE/69	HIMANSHU SHARMA

96	IITJ/2017-18/JULY2017/PHD/CSE/76	NITIGYA SAMBYAL
97	IITJ/2017-18/JULY2017/PHD/CSE/88	SWAGAT RANJAN SAHOO
98	IITJ/2017-18/JULY2017/PHD/CSE/90	NAMRATA KUMARI
99	IITJ/2017-18/JULY2017/PHD/CSE/95	PRAVIN KUMAR PANDEY
100	IITJ/2017-18/JULY2017/PHD/CSE/11	KANIKA GEHLOT
101	IITJ/2017-18/JULY2017/PHD/CSE/115	KHIRENDRA ALOK RANJAN
102	IITJ/2017-18/JULY2017/PHD/CSE/12	SONU KUMARI
103	IITJ/2017-18/JULY2017/PHD/CSE/133	HARENDRA SINGH
104	IITJ/2017-18/JULY2017/PHD/CSE/14	KHYATI SONI
105	IITJ/2017-18/JULY2017/PHD/CSE/140	SUDHA
106	IITJ/2017-18/JULY2017/PHD/CSE/145	SANDEEP MAHATO
107	IITJ/2017-18/JULY2017/PHD/CSE/15	PRIYANKA KAMBOJ
108	IITJ/2017-18/JULY2017/PHD/CSE/150	VIRENDRA KUMAR YADAV
109	IITJ/2017-18/JULY2017/PHD/CSE/162	SANGEETA YADAV
110	IITJ/2017-18/JULY2017/PHD/CSE/173	VIKAS KUMAR SIHAG
111	IITJ/2017-18/JULY2017/PHD/CSE/174	PRATIBHA YADAV
112	IITJ/2017-18/JULY2017/PHD/CSE/189	HASAN MD SHER AFGAN HOSSAIN
113	IITJ/2017-18/JULY2017/PHD/CSE/191	VIKAS YADAV
114	IITJ/2017-18/JULY2017/PHD/CSE/199	AJAY KUMAR
115	IITJ/2017-18/JULY2017/PHD/CSE/204	PINKY KUMAWAT
116	IITJ/2017-18/JULY2017/PHD/CSE/230	MUKESH KUMAR NITHARWAL
117	IITJ/2017-18/JULY2017/PHD/CSE/231	PANKAJ SINGH YADAV
118	IITJ/2017-18/JULY2017/PHD/CSE/233	RAJEEV KUMAR
119	IITJ/2017-18/JULY2017/PHD/CSE/24	MAHAVEER INANIYA
120	IITJ/2017-18/JULY2017/PHD/CSE/248	DUDEKULA ABDULLA
121	IITJ/2017-18/JULY2017/PHD/CSE/250	HITESH712
122	IITJ/2017-18/JULY2017/PHD/CSE/251	SHINY
123	IITJ/2017-18/JULY2017/PHD/CSE/259	RAKESH MEENA
124	IITJ/2017-18/JULY2017/PHD/CSE/264	AMIT KUMAR AMAR
125	IITJ/2017-18/JULY2017/PHD/CSE/267	ANJALY CHAUHAN
126	IITJ/2017-18/JULY2017/PHD/CSE/284	P DURGA DEVI
127	IITJ/2017-18/JULY2017/PHD/CSE/299	MANEESHA
128	IITJ/2017-18/JULY2017/PHD/CSE/312	KHALIL NABAB PINJARI
129	IITJ/2017-18/JULY2017/PHD/CSE/37	ANNU RANI
130	IITJ/2017-18/JULY2017/PHD/CSE/40	NEERAJ
131	IITJ/2017-18/JULY2017/PHD/CSE/43	KAMAL SINGH
132	IITJ/2017-18/JULY2017/PHD/CSE/44	MANOJ KUMAR SAH
133	IITJ/2017-18/JULY2017/PHD/CSE/48	IMRAN AHMED
134	IITJ/2017-18/JULY2017/PHD/CSE/51	GAURAV CHOUDHARY
135	IITJ/2017-18/JULY2017/PHD/CSE/62	SANTLAL PRAJAPATI
136	IITJ/2017-18/JULY2017/PHD/CSE/65	AMIT SONI ARYA
137	IITJ/2017-18/JULY2017/PHD/CSE/8	PRIYANKA GOLIA
138	IITJ/2017-18/JULY2017/PHD/CSE/81	PRANKIT NAMDEO
139	IITJ/2017-18/JULY2017/PHD/CSE/85	SAROJ KUMARI
140	IITJ/2017-18/JULY2017/PHD/CSE/9	PRAVEENRAJ PATTAR
141	IITJ/2017-18/JULY2017/PHD/CSE/116	NARENDER SINGH
142	IITJ/2017-18/JULY2017/PHD/CSE/27	MITHUN KUMAR
143	IITJ/2017-18/JULY2017/PHD/CSE/10	KARTICK SUTRADHAR
144	IITJ/2017-18/JULY2017/PHD/CSE/100	SATINDER KAUR
145	IITJ/2017-18/JULY2017/PHD/CSE/107	SHOBHIT KUMAR
146	IITJ/2017-18/JULY2017/PHD/CSE/117	SHOURABH SHOLLIYA
147	IITJ/2017-18/JULY2017/PHD/CSE/127	AJAY KUMAR NIGAM
148	IITJ/2017-18/JULY2017/PHD/CSE/137	KAILASH RATHORE
149	IITJ/2017-18/JULY2017/PHD/CSE/169	MANISHA
150	IITJ/2017-18/JULY2017/PHD/CSE/17	VEERENDRA KUMAR GAUTAM

151	IITJ/2017-18/JULY2017/PHD/CSE/171	MANISHA
152	IITJ/2017-18/JULY2017/PHD/CSE/172	KM REENA
153	IITJ/2017-18/JULY2017/PHD/CSE/183	GIREESH DAYMA
154	IITJ/2017-18/JULY2017/PHD/CSE/2	RAJIV KUMAR
155	IITJ/2017-18/JULY2017/PHD/CSE/235	VINOD PARIHAR
156	IITJ/2017-18/JULY2017/PHD/CSE/241	RISHAB KUMAR
157	IITJ/2017-18/JULY2017/PHD/CSE/245	DEENISHA UMARWAL
158	IITJ/2017-18/JULY2017/PHD/CSE/262	SHIPRA GAUTAM
159	IITJ/2017-18/JULY2017/PHD/CSE/274	GOVIND N
160	IITJ/2017-18/JULY2017/PHD/CSE/28	DEEPIKA SEHRA
161	IITJ/2017-18/JULY2017/PHD/CSE/282	MANPREET KAUR
162	IITJ/2017-18/JULY2017/PHD/CSE/84	NAYAN KUMAR SARKAR
163	IITJ/2017-18/JULY2017/PHD/CSE/86	SANDEEP KUMAR RAO
164	IITJ/2017-18/JULY2017/PHD/CSE/139	NAYAK NIKUNJKUMAR BHARATBHAI