

**List of Shortlisted Candidate for Ph.D. Written Test (Spring 2018-19) to be held
on 15th October 2018**

Sl. No.	Bar Code	Application ID	Name
1	13918	18209900	ABHAY NARAYAN
2	13919	18210078	ABHIJIT AMBHORE
3	13920	18212565	ABHISHEK HAZRA
4	13921	18211886	Ravinder
5	13922	18211070	AIKTA ARYA
6	13923	18212736	AISHWARYA SONI
7	13924	18210962	AJAY KUMAR
8	13925	18213216	Ajay Kumar Sahu
9	13926	18210908	Akanksha Bali
10	13927	18213134	Akshaya
11	13928	18212264	Fajge Akshay Madhukarrao
12	13929	18212208	SAGAR MAL NITHARWAL
13	13930	18212115	AMAN VERMA
14	13931	18210087	Amit Puri
15	13932	18210035	AMIT KUMAR SINGH
16	13933	18210634	Amit Kumar
17	13934	18210215	AMRITESH KUMAR
18	13935	18210623	Anand Shankar
19	13936	18211266	ANISH ANURAG
20	13937	18211488	ANJALI KUMARI
21	13938	18211114	Ankit Sharma
22	13939	18212871	ANKITA CHOUDHARY
23	13940	18211808	Ankit Agarwal
24	13941	18209748	Ankit Gupta
25	13942	18211413	ANKUR SHARMA
26	13943	18210299	Anuraj Singh
27	13944	18211220	Arshad Ahmad Aslam Malik
28	13945	18211865	ARUP MONDAL
29	13946	18211251	Arvind Singh
30	13947	18212961	ASHISH KOTNALA
31	13948	18210567	Ashish Kumar
32	13949	18210965	Ashutosh pandey
33	13950	18211428	Ashiwn Namdeo Raut
34	13952	18211494	Azad Singh
35	13953	18213173	BANYA BAISHALI MOHANTY
36	13954	18213045	Bhagyashree Besra
37	13956	18211263	BISWAJIT PANDA
38	13957	18210696	BINOD KUMAR
39	13958	18212789	Chesta Jain
40	13959	18211218	YOGITA CHHABRA
41	13960	18210261	V V S SRINIVAS PICHUKA
42	13961	18210497	Richa Jaiswal

43	13962	18210255	Deepayan Chakraborty
44	13963	18212241	deepika shukla
45	13964	18210621	deepika upadhyay
46	13965	18212993	Deep Kumar
47	13966	18210205	Devikiruba
48	13968	18213244	DIKSHA SHARMA
49	13969	18209369	Prashant Kumar
50	13970	18210618	Ghufran Khan
51	13971	18209858	Dhananjay Kumar
52	13972	18213191	Gauransh Kalla
53	13973	18210320	GAURAV SINGH RAWAT
54	13974	18211310	Patil Gayatri Vijaykumar
55	13975	18211931	Gaurav Bhardwaj
56	13976	18213093	GEETIKA PAL
57	13977	18210811	GHANSHYAM CHAURASIA
58	13978	18210275	GAURAV KUMAR
59	13980	18212794	ANNANGI GOPI KRISHNA
60	13981	18210027	VARUN KUMAR
61	13982	18211590	Gurvinder Kaur Pannu
62	13983	18213375	Guthikonda Nagalaxmi
63	13984	18209365	Harikrishnan V S
64	13985	18211496	Himadri Vaidya
65	13986	18213119	Hira Javed
66	13988	18212870	Jaya Gautam
67	13989	18211964	JAYA SRIVASTAVA
68	13990	18211857	jaya gupta
69	13991	18209573	Junied Khalid Khan
70	13992	18210071	MOHD KALEEM
71	13993	18212707	Kamal Pratap Singh Vig
72	13994	18210260	KAMALA KANT YADAV
73	13995	18212252	Kamna Singh
74	13996	18209645	Kaneez Fizza
75	13997	18209944	HARSH KASYAP
76	13999	18212938	KHIRENDRA ALOK RANJAN
77	14000	18212843	KIRTI GAUR
78	14001	18209810	N Kishore Babu
79	14002	18211873	Komal Juneja
80	14003	18211830	KUSHALL PAL SINGH
81	14004	18212803	RAMA KRISHNA KOPPANATI
82	14005	18209378	Venkatakrishna Rao Katakamsetty
83	14006	18211570	SUJIT KUMAR
84	14007	18209874	PAVAN KUMAR BALLA
85	14009	18210002	LOMASH CHANDRA ACHARYA
86	14010	18213113	Kushal Gupta
87	14011	18210209	Madhu Sharma
88	14012	18210510	ILLA MAHESH KUMAR SWAMY
89	14013	18213434	MAMTA MARTOLIA

90	14014	18210985	manisha verma
91	14015	18211024	manisha verma
92	14016	18213291	manjot kaur
93	14017	18210907	Mohammad Abdur Rahman Khalid
94	14018	18213084	Mohd Imran
95	14019	18212050	MINAKSHI KAUSHIK
96	14020	18213112	Misbahul Haque
97	14021	18210204	MANISH KUMAR RAI
98	14022	18211305	Mohit Agarwal
99	14023	18212655	MOHITA GHILDIYAL
100	14024	18211967	Mohit Mittal
101	14025	18212530	Monika Sharma
102	14026	18210764	Munawar Hasan
103	14027	18212302	SATISH YADAV
104	14028	18209459	NISHAT AFREEN
105	14029	18212223	Namita Srivastava
106	14030	18212104	Nandita Kohli
107	14031	18211013	Navdeep Singh
108	14033	18212572	NAZIR SHABBIR
109	14034	18213333	neeraj kumar yadav
110	14035	18209364	NEERAV SHARMA
111	14036	18211976	Neha Firdaush Raun
112	14037	18213127	NIRAJ KUMAR RAI
113	14038	18211664	NISHA THAKUR
114	14039	18212508	Saurabh kumar Srivastava
115	14040	18213398	NITIN ARORA
116	14041	18212813	Nitish Kumar
117	14042	18210147	Naveen Kumar Donthu
118	14043	18210018	NOORBHASHA JUNNUBABU
119	14044	18211774	SHUBHI SHARMA
120	14045	18211048	Pankaj Kumar
121	14047	18211631	Phool Preet
122	14048	18212010	Pooja Gupta
123	14049	18210968	POOJA ANAND
124	14050	18210235	poonam rani
125	14052	18211790	POONAM VERMA
126	14053	18213399	PRABHJOT KAUR
127	14054	18210370	Prachi Chauhan
128	14055	18213201	Pradeep Singh
129	14056	18211456	PRANITA BARO
130	14057	18213047	Prashant Sahu
131	14058	18212047	Prateek Singhal
132	14059	18212656	Pratima yadav
133	14060	18211701	PRAVIN KUMAR PANDEY
134	14061	18211779	Preetam Pal
135	14062	18212136	Prem Narayan Singh
136	14063	18212670	PRIYANKA

137	14064	18213402	PUSHPENDRA SINGH
138	14065	18209811	Rahul Kumar
139	14066	18212049	Rahul Bhatia
140	14067	18212885	rahul kumar
141	14068	18209648	EDURI RAJA
142	14069	18213098	RAJKAMAL KISHOR GUPTA
143	14070	18211383	RAJKUMAR
144	14071	18212821	RAM PARVESH DAS
145	14072	18213122	RANJIT KUMAR
146	14073	18213346	Rashika Bangroo
147	14074	18212932	Ratnesh Kumar Joshi
148	14075	18209987	Ravi Nahta
149	14076	18210615	RAVI KALER
150	14077	18210726	AMGOTH RAVIKUMAR
151	14078	18209752	RAVI KUMAR RATHORE
152	14079	18211007	Ravi Pratap Singh
153	14080	18211324	rekha rani
154	14081	18212502	Rekha Regar
155	14083	18212021	Ritu
156	14084	18212021	Ritu
157	14086	18210283	Rohini P
158	14087	18213227	ROHIT SAIN
159	14088	18210173	ROHIT KUMAR KALIYAR
160	14089	18211695	Rohit Yadav
161	14090	18211816	SACHIN DEV SHARMA
162	14091	18211936	Samarth Godara
163	14092	18212201	SANJAY KUMAR
164	14093	18213322	sanjeev kumar dwivedi
165	14094	18211492	SARATH BABU
166	14095	18210424	Arvindhan
167	14096	18212792	satish chaurasaiya
168	14097	18210265	Satya Prakash Singh
169	14098	18210250	SATYANDRA SINGH RAWAT
170	14099	18210505	SATYENDRA SINGH
171	14100	18212718	Saurabh Jaiswal
172	14101	18212651	Saurav Kumar
173	14102	18210494	Selvam D
174	14103	18212454	SHAILESH SINGH PANWAR
175	14104	18212741	SHAILI SINGHAL
176	14105	18213175	SHAILESH KUMAR
177	14106	18212257	Shambhavi Mishara
178	14107	18212936	Sheetal Sharma
179	14108	18211493	Shiksha Singh
180	14109	18212272	SHILPI GUPTA
181	14110	18212711	Shipra Gautam
182	14111	18212090	Siwani
183	14112	18210389	SHRESTHA MUKHERJEE

184	14113	18210343	Shrey Singh
185	14114	18211372	Siba Ram Baral
186	14115	18211819	Silky Goel
187	14116	18210793	Shailendra Kumar Sonkar
188	14117	18209922	SONALI GUPTA
189	14118	18209924	VEERA VENKATA SUDHAKAR R
190	14119	18209416	SRIMOYEE
191	14120	18210073	SUCHITRA AGRAWAL
192	14121	18212153	SUGYANI MAHAPATRA
193	14122	18211408	Suneel Kumar
194	14123	18211036	SUPRIYA SUMAN
195	14124	18212625	SWATHI D V
196	14125	18210918	SWEETI SAH
197	14126	18212068	TARACHAND VERMA
198	14127	18212504	Tasleem Jamal
199	14128	18212682	TOSHIKA DUTTA
200	14129	18211153	Tunisha Varshney
201	14130	18213139	Tusharika Singh
202	14131	18210076	UMABHARATI RAWAT
203	14133	18210399	mrs urvashi
204	14134	18210297	Vaishali Kansal
205	14135	18211343	Vamsi Krishna Madduri
206	14136	18212430	Vanshali Sharma
207	14137	18210245	Mohd Vasim Ahamad
208	14138	18213004	vidyanand mishra
209	14139	18213046	VIJAY KUMAR TIWARI
210	14140	18210008	ABHIJIT AMBHORE
211	14141	18211401	Vikas
212	14142	18209788	VINITA KUMARI
213	14143	18213070	VISHWAS RATHI
214	14144	18209947	VIVEK
215	14145	18209706	BODDU VENKATESWARLU
216	14146	18211498	Sakshi Verma
217	14147	18211282	Vivek Singh Baghel
218	14148	18211138	Vyomika Singh
219	14149	18213192	YASHPAL YADAV
220	14150	18212297	YOGESH SORARI
221	16684	18209730	ABHISHEK GUPTA

Section 1: Engineering Mathematics

Discrete Mathematics: Propositional and first order logic. Sets, relations, functions, partial orders and lattices. Groups. Graphs: connectivity, matching, coloring. Combinatorics: counting, recurrence relations, generating functions.

Linear Algebra: Matrices, determinants, system of linear equations, eigenvalues and eigenvectors, LU decomposition.

Calculus: Limits, continuity and differentiability. Maxima and minima. Mean value theorem. Integration.

Probability: Random variables. Uniform, normal, exponential, poisson and binomial distributions. Mean, median, mode and standard deviation. Conditional probability and Bayes theorem.

Computer Science and Information Technology

Section 2: Digital Logic

Boolean algebra. Combinational and sequential circuits. Minimization. Number representations and computer arithmetic (fixed and floating point).

Section 3: Computer Organization and Architecture

Machine instructions and addressing modes. ALU, data-path and control unit. Instruction pipelining. Memory hierarchy: cache, main memory and secondary storage; I/O interface (interrupt and DMA mode).

Section 4: Programming and Data Structures

Programming in C. Recursion. Arrays, stacks, queues, linked lists, trees, binary search trees, binary heaps, graphs.

Section 5: Algorithms

Searching, sorting, hashing. Asymptotic worst case time and space complexity. Algorithm design techniques: greedy, dynamic programming and divide-and-conquer. Graph search, minimum spanning trees, shortest paths.

Section 6: Theory of Computation

Regular expressions and finite automata. Context-free grammars and push-down automata. Regular and context-free languages, pumping lemma. Turing machines and undecidability.

Section 7: Compiler Design

Lexical analysis, parsing, syntax-directed translation. Runtime environments. Intermediate code generation.

Section 8: Operating System

Processes, threads, inter-process communication, concurrency and synchronization. Deadlock. CPU scheduling. Memory management and virtual memory. File systems.

Section 9: Databases

ER-model. Relational model: relational algebra, tuple calculus, SQL. Integrity constraints, normal forms. File organization, indexing (e.g., B and B+ trees). Transactions and concurrency control.

Section 10: Computer Networks

Concept of layering. LAN technologies (Ethernet). Flow and error control techniques, switching. IPv4/IPv6, routers and routing algorithms (distance vector, link state). TCP/UDP and sockets, congestion control. Application layer protocols (DNS, SMTP, POP, FTP, HTTP). Basics of Wi-Fi. Network security: authentication, basics of public key and private key cryptography, digital signatures and certificates, firewalls.