



INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, DESIGN
AND MANUFACTURING, KURNOOL

RECRUITMENT OF TECHNICAL OFFICER GRADE-I

(Advt. No. IIITDM/Advt./2019-20/7, dated 22.11.2019)

PROVISIONAL LIST OF SHORTLISTED CANDIDATES

APPLICATION NUMBERS

1902TO0004	1902TO0063	1902TO0124	1902TO0158	1902TO0196
1902TO0005	1902TO0070	1902TO0126	1902TO0159	1902TO0197
1902TO0012	1902TO0073	1902TO0129	1902TO0165	1902TO0198
1902TO0014	1902TO0075	1902TO0134	1902TO0166	1902TO0199
1902TO0015	1902TO0080	1902TO0135	1902TO0167	1902TO0203
1902TO0016	1902TO0082	1902TO0136	1902TO0171	1902TO0204
1902TO0019	1902TO0083	1902TO0138	1902TO0172	1902TO0208
1902TO0025	1902TO0087	1902TO0139	1902TO0173	1902TO0212
1902TO0026	1902TO0091	1902TO0140	1902TO0174	1902TO0215
1902TO0030	1902TO0093	1902TO0141	1902TO0176	1902TO0216
1902TO0031	1902TO0095	1902TO0143	1902TO0177	1902TO0217
1902TO0037	1902TO0102	1902TO0144	1902TO0180	1902TO0222
1902TO0039	1902TO0105	1902TO0145	1902TO0182	1902TO0223
1902TO0042	1902TO0106	1902TO0149	1902TO0183	1902TO0225
1902TO0043	1902TO0113	1902TO0150	1902TO0185	1902TO0227
1902TO0048	1902TO0116	1902TO0151	1902TO0187	1902TO0228
1902TO0049	1902TO0117	1902TO0153	1902TO0191	1902TO0233
1902TO0053	1902TO0119	1902TO0154	1902TO0192	
1902TO0055	1902TO0121	1902TO0155	1902TO0195	

SCHEDULE FOR REPORTING, VERIFICATION & WRITTEN TEST

Level of Exam	Date, Day and Time	Remarks
Level 1	22 nd February 2020 (Saturday) 08:00 AM	Reporting and Occupying the Allotted Room
	22 nd February 2020 (Saturday) 09:00 AM to 10:00 AM	Verification of Original Certificates along with Identity Proof
	22 nd February 2020 (Saturday) 10:00 AM to 12:00 Noon	Written Test
Level 2	23 rd February 2020 (Sunday) 09:00 AM to 12:00 Noon	Only for candidates qualified in Level 1
Level 3	24 th February 2020 (Monday) 09:00 AM	Only for candidates qualified in Level 2

Scheme of Examination

Levels of Exams:

Level 1:

It is the subject knowledge test designed to test the candidate's knowledge in the IT or relevant areas. The questions will be objective/descriptive/numerical type. This test carries a maximum of 100 marks and maximum duration of exam is 2 hours.

Level 2: (only for candidates shortlisted from Level 1 exam)

It is the coding test to assess the knowledge of the candidate. This test carries a maximum of 100 marks and maximum duration of exam is 3 hours.

Level 3: (only for candidates shortlisted from Level 2 exam)

Personal Interview

** The standard of questions for the tests will generally be in conformity with education standard prescribed for the post.*

** All shortlisted candidates will be received communication to their registered e-mail shortly with regard to admit card and other instructions, if any.*

** Queries will be answered only through e-mail (recruitment@iiitk.ac.in).*

Syllabus of Examination

Level 1:

Basic Computer Fundamentals, Programming in C - sequence, selection and repetition statements, Recursion, Arrays, Problems involving arrays - Error identification – debugging,

Data Structures – Stacks, Queues, Linked Lists, Trees, Binary Search Trees, Binary Heaps, Graphs.

Operating Systems – Processes, Threads, Inter-Process Communication, Concurrency and Synchronization, Deadlock, CPU Scheduling, Memory Management and Virtual Memory, File Systems.

Databases – E-R Model, Relational Model: Relational Algebra, Tuple Calculus, SQL, Integrity Constraints, Normal Forms, File Organization, Indexing: B and B++ Trees, Transactions and Concurrency Control.

System maintenance and troubleshooting – Windows and Linux OS installation procedures - Dual boot – Reserving space for User/ System while installing OS – Trouble shooting issues related to OS, device drivers – Installing packages through apt-get install – using GUI

Computer Networks – Creating LAN using switches – Understanding switching tables - Networking commands – ping, netconfig, IP lookup, traceroute – IP settings – DHCP – DNS - Wi-Fi settings – Wired LAN – Wireless LAN – Access points, Concepts of Layering, Flow and Error Control Techniques, Switching, IPv4/IPv6, Routers and Routing Algorithms: Distance Vector and Link State, TCP/UDP and Sockets, Congestion Control, Application Layer Protocols: SMTP, POP, FTP, HTTP, Network Security: Authentication, Basics of Cryptography, Digital Signatures and Certificates, Firewalls, Basic Concepts of Client Server Programming

Website design and maintenance – database connectivity – applications involving HTML, XML, PHP (python) and MySQL.

Latest industry trends in the field of IT.

Level 2: (only for candidates shortlisted from Level 1 exam)

System Development Test: To analyze, design, develop a module of an academic management system in any backend and frontend.

Level 3: (only for candidates shortlisted from Level 2 exam)

Personal Interview