



Indian Institute of Technology Indore

Khandwa Road, Simrol, Indore, 453552, India

Recruitment Cell: +91-731-6603178

Website: www.iiti.ac.in

No. IITI/Rectt.Cell/JLA/2021/08/

September 5, 2022

Recruitment for the post of Junior Lab Assistant against the Advt. No.IITI/Estt./NT posts-01/October,2021 dated 06-10-2021

List of shortlisted candidates for written examination

List of shortlisted candidates for the post of Junior Lab Assistant		Department for which shortlisted
Under UR Category		
1	2021RC0101831	BSBE
2	2021RC010973R18	Electrical Engineering
3	2021RC0101520R73	MEMS
4	2021RC0101818	Electrical Engineering
5	2021RC0101939	Electrical Engineering
6	2021RC0101921	Electrical Engineering
7	2021RC0101327	Electrical Engineering
8	2021RC0101311R91	Civil Engineering
9	2021RC0101097	Electrical Engineering
10	2021RC0102092	Electrical Engineering
11	2021RC0101370R25	MEMS
12	2021RC0102081	Electrical Engineering
13	2021RC0101693R25	Electrical Engineering
14	2021RC010795	MEMS
15	2021RC0101566	MEMS
16	2021RC0102121	MEMS
17	2021RC0102321	MEMS
18	2021RC0101735	MEMS
19	2021RC0101756R67	MEMS
20	2021RC01063	BSBE
21	2021RC0101081	Electrical Engineering
22	2021RC010660R51	MEMS
23	2021RC010943	MEMS
24	2021RC010955R65	Civil Engineering
25	2021RC0101067R27	Electrical Engineering
26	2021RC010402	BSBE
27	2021RC010812R54	MEMS
28	2021RC010916	MEMS
29	2021RC0101272R81	BSBE
30	2021RC0101251R35	Electrical Engineering
31	2021RC0101380R64	MEMS
32	2021RC010465	Civil Engineering
33	2021RC0101828	Electrical Engineering
34	2021RC0102357	MEMS
35	2021RC0102309	MEMS

36	2021RC0101670	Electrical Engineering
37	2021RC0101021	BSBE
38	2021RC0101546	MEMS
39	2021RC0102078	Electrical Engineering
40	2021RC0102447	Electrical Engineering
41	2021RC0102417	Electrical Engineering
42	2021RC0102348R18	MEMS
43	2021RC010204	Electrical Engineering
44	2021RC01093R71	Civil Engineering
45	2021RC0101826	MEMS
46	2021RC0101952	Electrical Engineering
47	2021RC010466R82	Electrical Engineering
48*	2021RC0101513R27	MEMS
49*	2021RC0101987	MEMS
50*	2021RC0102198	Electrical Engineering
51*	2021RC010329	Electrical Engineering
52*	2021RC0102462	Electrical Engineering
53*	2021RC010490R99	Electrical Engineering
54*	2021RC01094R36	Civil Engineering
55*	2021RC010816	Electrical Engineering
56*	2021RC010797	Electrical Engineering
57*	2021RC0101235	Civil Engineering
58*	2021RC0101604	Civil Engineering
59*	2021RC010666	Electrical Engineering
60*	2021RC0101992R88	Electrical Engineering
61*	2021RC0101896R90	MEMS
62*	2021RC0101975	MEMS
63*	2021RC0101052	BSBE
64*	2021RC0102355R82	MEMS
65*	2021RC0102253	Electrical Engineering
66*	2021RC0102438	Electrical Engineering
67*	2021RC0101870	Electrical Engineering
68*	2021RC0101398	BSBE
69*	2021RC0101688	MEMS
70*	2021RC0101765	MEMS
71*	2021RC0101728	BSBE
72*	2021RC0101085	Civil Engineering
73*	2021RC010798	MEMS
74*	2021RC0102377	Electrical Engineering
75*	2021RC0102449	Electrical Engineering
Under OBC Category		
S. No	Application Reference No. for the post of Junior Lab Assistant	Department for which shortlisted
1	2021RC0101730	MEMS
2	2021RC010143	Electrical Engineering
3	2021RC0101902	Electrical Engineering
4	2021RC0101049	MEMS
5	2021RC0101882	MEMS
6	2021RC0102062	BSBE
7	2021RC0101656	BSBE

8	2021RC010226	Electrical Engineering
9	2021RC010613	Civil Engineering
10	2021RC010623R90	Electrical Engineering
11	2021RC0102300	MEMS
12	2021RC0101811R94	Electrical Engineering
13	2021RC0102316	BSBE
14	2021RC0102317	MEMS
15	2021RC0101668R53	Electrical Engineering
16	2021RC010631	BSBE
17	2021RC0101820	MEMS
18	2021RC0101334	Civil Engineering
19	2021RC0101795	Electrical Engineering
Under ST Category		
S. No	Application Reference No. for the post of Junior Lab Assistant	Department for which shortlisted
1	2021RC0101630	Electrical Engineering
2	2021RC0101374	Electrical Engineering
3	2021RC010949	MEMS
4	2021RC0101773	Electrical Engineering
5	2021RC0102145	Electrical Engineering
6	2021RC010507	Electrical Engineering
7	2021RC010349	BSBE
8	2021RC010928	BSBE
9	2021RC0101652	BSBE
Under EWS Category		
1	2021RC0101700R29	Electrical Engineering
2	2021RC0101454	MEMS
3	2021RC0101290R53	Electrical Engineering
4	2021RC0101456R47	MEMS
5	2021RC0102369	MEMS
6	2021RC0101098	BSBE

BSBE- Biosciences and Biomedical Engineering

MEMS- Metallurgy Engineering and Materials Science

Note: -

1. This is the revised list based on the representations received against the provisionally shortlisted status notified vide IIT/Rectt.Cell/JLA/2021/08/ dated June 18, 2022.
2. Candidates at **serial numbers marked with asterisk (*)** had claimed himself/herself as candidate of reserved category. However, due to non-submission of requisite caste certificate by due date, they have been considered under Unreserved (UR) category subject to fulfillment of other criteria.
3. Candidates at **serial numbers (68-75) marked with asterisk (*)** have been considered in Unreserved category (UR) as no post is reserved for SC category subject to fulfillment of other criteria.
4. The Call letter for written examination will be sent to the shortlisted candidates through e-mail.
5. The syllabus for the written examination is attached herewith.



Registrar, IIT Indore



Advertisement No. IITI/Estt./NT posts-01/October,2021 dated 06-10-2021

Scheme of examination for the post of Junior Lab Assistant

Subject		Maximum Marks	Time
PAPER-I			
(All questions will be objective type with no negative marking)			
Part-A	English Language- Comprehension, Grammar, Sentence correction, One words, Antonyms, Synonyms, Idioms and Phrases, Clauses, Articles, Prepositions etc.	30	120 minutes
	Mathematics & Numerical Ability: Arithmetic - upto 10th Standard. Numerical Computation, Numerical Reasoning, Data Reasoning and Data Interpretation etc.	15	
	Reasoning Ability: Number series, Letter series, Coding decoding, Direction sense, Blood relations, Mathematical reasoning, Statements and Conclusions, Logical Reasoning etc.	15	
	General Awareness and Current Affairs: Current Affairs, Government Schemes. Economics, Geography, Indian History, Indian Polity, Indian Constitution	10	
	Part-A Total	70	
Part-B	Domain knowledge (Candidate is to attempt one department as indicated in their shortlisting status) i.e. Biomedical & Biosciences Engineering/Civil Engineering, Electrical Engineering/ Metallurgy Engineering and Materials Science)	30	
Total marks of written examination		100	120 minutes

Notes:-

- 1- The written examination is qualifying only and no marks shall be taken into account for final selection or ranking of individual candidate.
- 2- Only those candidates, who score minimum cut off marks in the examination, as may be fixed by the IIT Indore at its discretion, will be called for interview.



भारतीय प्रौद्योगिकी संस्थान इन्दौर

खण्डवा रोड, सिमरोल, इन्दौर - 453 552, भारत

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IIT Indore

Syllabus for Domain Knowledge (Junior Lab Assistant)

Civil Engineering
<p>Surveying - Surveying methods and instruments - Chains, tapes, ranging rod, staff, steel bands, their types & uses – Theodolite, plane table surveying, compass surveying, total station, etc.</p> <p>Solid mechanics – Stress-strain relationship, Hooke’s law, Thermal stresses, Compression and tensile tests on metals - Deflection, bending and flexure of beam</p> <p>Structural Analysis – Determinate and indeterminate structures, analysis of arches and truss, Influence line diagram.</p> <p>Building materials – Cement – concrete – mortar – bricks – uses, application and standard tests on them</p> <p>Design of structures – General guidelines to design beam and column as per various IS codes.</p> <p>Soil Mechanics - Soil properties and behaviour – various tests conducted on soil.</p> <p>Highway Engineering – Geometric design, traffic engineering, various tests conducted on pavement materials and relevant IS codes.</p> <p>Hydrology and Irrigation Engineering - Rainfall and precipitation, reservoir sedimentation, Infiltration, stream flow and various methods to measure them.</p> <p>Environmental Engineering – Municipal solid waste management, BOD and COD tests, Activated sludge system and trickling filter.</p>
Electrical Engineering
Electronic Devices, Analog Circuits, Electrical Machines and Power Electronics, Digital Systems, Microprocessors, Control Systems, Communication Systems (Analog and Digital).
Metallurgy Engineering and Materials Science
Basics in Physical Metallurgy, Polymer and Composites, Mechanics of Materials, Characterization of Materials, Testing of Materials, Non-destructive Testing (NDT), Metallography, Manufacturing Processes.
Biomedical & Biosciences Engineering
Genetic Engineering, Microbiology, Immunology, Animal and Plant tissue culture and Bio-process technology (Courses taught in M.Sc. Biotechnology practicals)