



Indian Institute of Technology Jodhpur

SYLLABUS FOR THE POST OF JUNIOR TECHNICAL ASSISTANT **(INSTRUMENTATION)**

(Pay Level 3)

Advt. No. 25

WRITTEN TEST & TRADE TEST

(Total Marks 100)

Syllabus for Written Test:

1. Semiconductor devices
2. Integrated Circuit (IC) Technology
3. Basic Circuit Analysis
4. Electricity and Magnetism
5. Instrumentation Engineering

Syllabus for Trade Test:

Handling experience of Clean Room equipment such as Optical Lithography, LASER writer, E-beam lithography, Physical vapor deposition systems, Diffusion, oxidation and annealing furnaces, Wire-binder and wafer dicing systems.

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