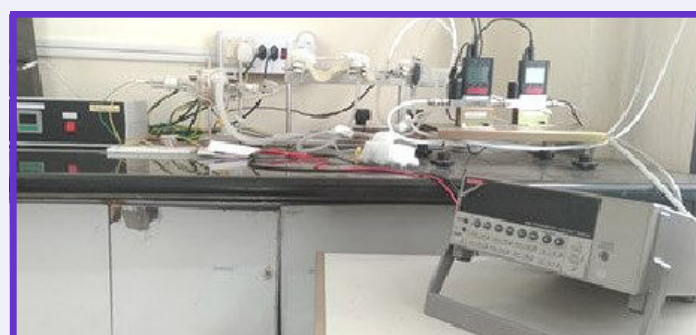


### Selected Research Facilities



Keithley's Picoammeter and Gas Sensor Setup



LS-55 spectrophotometer (Perkin Elmer)



Scanning Tunnelling Microscope



Lambda 750 UV-visible-NIR spectrophotometer (Perkin Elmer)



Microprocessor Controlled Furnace

**For M.Sc.  
& Ph.D.  
Admissions**



### Admissions Open (Session 2024-25)

#### M.Sc. (Physics)

#### Ph.D. (Physics & Materials Science)

- Highly Qualified Faculty
- Research Based Teaching
- Well Equipped Research Laboratories
- Excellent Campus with Hostel facilities
- Opportunity of working with Ph.D. Scholars enhances the research experience of M.Sc. students
- GATE/NET oriented preparation & placement assistance



#### M.Sc. Specialization

Materials Science

Computational Physics

Nanotechnology

#### M.Sc. Admissions

On the basis of merit of B.Sc. or CUET PG-2024

*Students awaiting final year results may also apply*

#### Scholarships Details for M.Sc. Students

*Up to 50% waiver in tuition fee for 10 meritorious students*

*Range of % of qualifying degree (Equivalent CGPA)*

75%-79.9% (7.50-7.99)-20%

80%-84.9% (8.00-8.49)-30%

85%-89.9% (8.50-8.99)-40%

≥ 90% (≥9.0)-50%

#### Doctoral Program (Ph.D.)

Ph.D. (Fellowship of Rs. 37,000 per month to the selected candidates as per the university norms)

#### Research Profile of the Department

H-index of faculty (Cumulative): 130

i-10 Index of faculty (Cumulative): 204

Total Citations of faculty (Cumulative): ~11,500

Project Grants: ~2 Crore

#### About Department

<https://www.juit.ac.in/physics-materials-science>

• <https://www.juit.ac.in/juit-admissions>

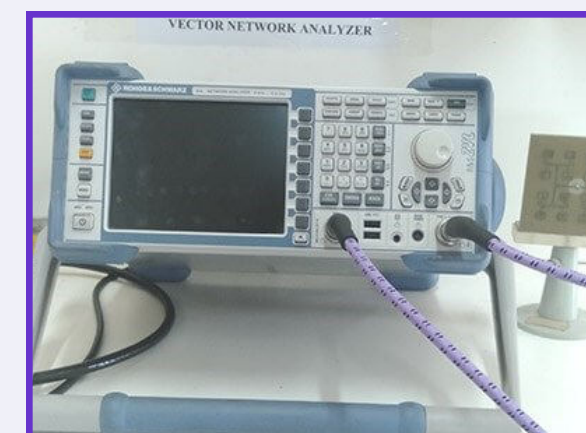
• [https://www.juit.ac.in/admission\\_helpdesk](https://www.juit.ac.in/admission_helpdesk)

• Contact Numbers: Prof. P. B. Barman: 9418228268 (HOD)

Dr. Ragini Raj Singh: 9625643296

Dr. Surajit Hazra: 9816975754

### Selected Research Facilities



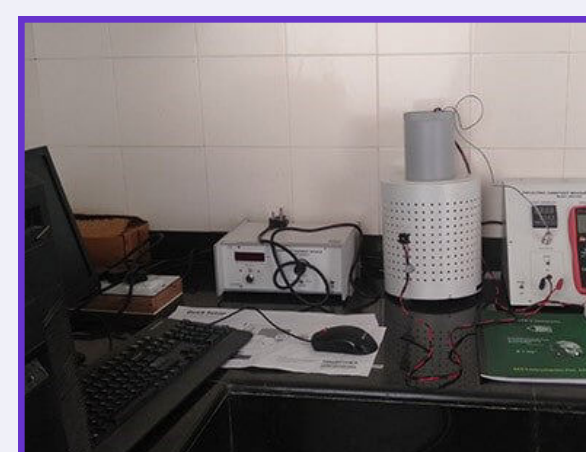
Vector Network Analyser



PCB Design Machine



Thermal Evaporation/E Beam Unit



2-Probe Setup



Advanced Chemical Vapour Deposition Unit