

# Indian Institute of Technology Mandi

## DAE Outreach Programme

April 12 & 13, 2024

### Programme Schedule

#### Day – 1: April 12, 2024

(Venue: A18-1, North Campus)

09:00 – 10:15 Hrs.

(Venue: A18-1, North  
Campus)

#### **Inaugural Session**

**Session Chair: Dr. Tushar Jain, SCEE**

Introduction of Dignitaries and felicitation

**Welcome Address** by Director, IIT Mandi

**Keynote Address** by (Dr. AK Tyagi/ Dr. M K Sapra)

10:15 – 11:00 Hrs.

(Venue: A18-1, North  
Campus)

**Session Chair: Dr. Shyam Maskapalli/Dr. Dericks  
P. Shukla**

**Lecture-1** (by Dr. S. Gautam): DAE Technologies  
(Agriculture, Food-preservation, Water and  
Environment Technologies) for deployment in rural  
and industrial sectors

11:00 Hrs.

Tea break

11:15 – 12:00 Hrs.

**Session Chair: Dr. Amit Shukla**

**Lecture-2** (by Shri M. Padmanabhan): DAE  
Technologies (Advanced Instrumentation, Radiation  
and Medical Technologies) for deployment in rural  
and industrial area

12:00 – 12:45 Hrs.

**Session Chair: Dr. Syed Abbas/Dr. Satinder  
Sharma**

**Lecture-3** (by Shri M K Sapra): Activities and Grant-  
in-aid schemes of Board of Research in Nuclear  
Sciences (BRNS), DAE

12:45 – 13:30 Hrs.

**Session Chair: Dr. Ajay Soni**

**Lecture-4** (by Dr. Rajesh Kumar, Head, IADD,  
BARC): Charge Particle Accelerators

13:30 Hrs.

Lunch Break

14:30 – 18:30 Hrs.

Visit of delegates to Centres and Laboratories

1. Centre for AI and Robotics (CAIR)
2. Advance Material Research Centre (AMRC)
3. Centre for Design and Fabrication of  
Electronic Devices (C4DFED)
4. BioX Centre
5. Centre of Quantum Science and Technologies  
(CQST)
6. IIT Mandi Catalyst
7. IIT Mandi iHub

20:00 Hrs.

Dinner hosted by IIT Mandi

**April 13, 2024**

(Venue: A18-1, North Campus)

10:00 Hrs. – 11:00 Hrs.

(Venue: A18-1)

**Session Chair: Dr. Aditi Halder****Lecture-5** (by Dr. R Tewari, Director, Materials Group, BARC): Materials' Development for Different Applications in DAE

11:00 – 11:45 Hrs.

(Venue: A18-1)

**Session Chair: Dr. Subrata Ghosh****Lecture-6** (by Dr. H. J. Pant, Head, IRAD, BARC): Radioisotope applications in industry and environment

11:45 Hrs.

Tea Break

12:15 – 13:00 Hrs.

(Venue: A18-1)

**Session Chair: Dr. Kala Venkat Uday****Lecture-7** (by Shri P Daniel Babu): Technology Transfers' Mechanism and Career Opportunities in DAE

Lunch

14:30 Hrs. – 18:00 Hrs.

(Venue: Board Room)

**Introductory Remarks** by Director, IIT Mandi**Presentation** by School/Centre Chairs or their Nominees (15 min. each) highlighting

- (i) Research Activities
- (ii) Areas of interest/collaboration with DAE

**Discussions**

Participants: DAE delegates, School Chairs, Deans and Interested faculty members of IIT Mandi.