

Minutes of BOS Physics Meeting

The board of studies meeting was conducted online on Saturday, March 7, 2026 at 12.30 pm.
Google meet link: <https://meet.google.com/agb-qcux-ttx>

The agenda of meeting Agenda for the Meeting was:

1. To confirm the Minutes of the previous Board of Studies meeting held on October 13, 2025.
2. To discuss and approve the framework of the syllabus.
3. To discuss and approve the FY Semester I syllabus.
4. To discuss and finalize the Learning Outcomes.
5. AOB

The meeting attended by following members:

- Principal Dr. Anita Kanwar (HOD and Chairperson)
- Dr. Devidas Gulwade (In-Charge HOD)
- Mr. Shrikant Ghodke
- Dr. Sarla Rathi
- Dr. Santosh Bhaskaran
- Mr. Naim Shaikh
- Dr. Kiran Kolwankar
- Dr. Aaradhana Shrivatsava
- Dr. Amar Kakad
- Dr. Ramchandra Gosavi Patil
- Mr. Tejas Rathod

Agenda 1: Confirmation of the Minutes of the Previous Board of Studies Meeting held on October 13, 2025

The minutes of the previous Board of Studies meeting held on October 13, 2025, were read and confirmed. The minutes were proposed by Dr. Amar Kakad, seconded by Dr. Kolwankar, and approved by all the members present.

Agenda 2: Discussion and approval of the framework of the syllabus

The framework of the B.Sc. Physics syllabus, consisting of Major, Minor, Elective, Vocational Skill Courses (VSC), and Other Electives (OE). The framework was reviewed and discussed by the members and subsequently approved.

Framework of syllabus:

Sem	Major	Minor	VSC	OE
1	P1: Mechanics and Thermodynamics P2: Optics and Material Science Practicals	–	CPP programming	Life Outside Earth
2	P1: Electricity and Electronics P2: Modern Physics Practicals	Basic Physics and Electronics	Circuit Making using Bread Board, Software, and PCB	Life Outside Earth
3	P1: Advanced Thermodynamics and Mechanics P2: Optics Practicals	Measurements and Thermodynamics Practicals	Microprocessor	Astronomy and Biophysics
4	P1: Electronics P2: Mathematical and Quantum Physics Practicals	Introduction to Materials and Characterization techniques	-	Astronomy and Biophysics

SEM	Major	Elective	Minor	VSC
5	P1: Mathematical & Thermal and Statistical Physics P2: Solid State Physics P3: Electrodynamics Practicals	P1: Atomic and Molecular P2: Special Theory of Relativity P3: Characterization techniques Practicals	Digital Electronics and Nuclear Physics Practicals	Microprocessor, Microcontroller and Python programming

6	P1: Classical Mechanics P2: Electronics P3: Nuclear Physics Practicals	--”--	Radiation Physics and computer programming Practicals	-
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Agenda 3: Discussion and Approval of the FY Semester I Syllabus

The detailed syllabus of FY B.Sc. Semester I was presented by Dr. Santosh Bhaskaran.

The syllabus includes the following courses:

- Major Papers:
 - Paper I: Mechanics and Thermodynamics
 - Paper II: Optics and Material Science
 - Lab Course
- Vocational Skill Course (VSC): CPP Programming
- Open Elective (OE): Life Outside Earth

The learning outcomes of all the courses, evaluation pattern, and question paper pattern were discussed in detail. The evaluation pattern and question paper pattern will be uniform for all semester courses. The syllabus, learning outcomes, evaluation pattern, and question paper pattern were approved by all the members.

Agenda 4: Discussion and approval of the Learning Outcomes

Learning outcomes of SEM 1 was discussed along with syllabus discussion in agenda 3. Further, it was discussed that the institute is moving towards the implementation of attainment of Learning Outcomes (LOs). Accordingly, rational changes in the learning outcomes of Semester II to Semester VI will be incorporated. It was approved that the necessary changes be incorporated accordingly.

Agenda 4: AOB

No other matter was raised for discussion.

Meeting ended with vote of thanks proposed by Mr. Shrikant Ghodke