



Pandit Deendayal Energy University

School of Technology (SoET)

Knowledge Corridor, Raisan Village,
Gandhinagar - 382426 Gujarat (State), INDIA
Tel: +91 79 23275060 | Fax: +91 79 23275030
Website: www.pdpu.ac.in

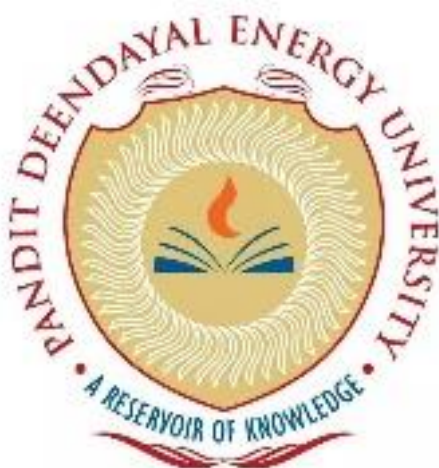
Minutes of the Meeting

of

Board of Studies (BoS)

Department of Physics

**(Date: 19th December, 2022; Time: 2:00 PM onwards
Venue: E-block 1st Floor Conference Room)**



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The following members were present in the meeting:

Sr. No.	Designation	Member Names
1	Director, SoET	Prof. Anirbid Sircar
3	Chairman	Dr. Satyam M. Shinde
4	Department Member-1	Dr. Rohit Srivastava
5	Department Member-2	Dr. Brijesh Tripathi
6	Department Member-3	Dr. Prahlad K. Baruah
7	External academic members-1	Prof. Prafulla K. Jha
8	External academic member-2	Dr. Vinod Chandra
9	External professional member-2	Dr. Arvind Singh
10	UG Student Member-1	Ms. Dhyanavi Rao
11	UG Student Member-2	Ms. Yashvi Bulasara
12	PG Student Member	Mr. Nisarg Trivedi
13	Alumni Member-1	Mr. Sanhit Mehta
14	Dept. Faculty	Dr. Abhishek Gor
15	Administrative Assistant	Arti Mishra

The following members were not present in the meeting:

Sr. No.	Designation	Faculty Names
1	Dean, SoET	Dr. Praghresh Bhatt (Dean, SoET)
2	External professional member-1	Dr. Rajesh Upadhyay
3	Alumni Member-2	Mr. Ridhesh Goti

Agenda 1: To discuss the proposal for elective baskets in B.Sc. Semester 5, 6 and 7.

Discussion:

- The BoS approved the list of subjects proposed in elective basket of B.Sc. Semester 5, 6 and 7. The subjects approved are:

Basket 1:

- B.Sc. V - Astrophysics II/ Intermediate Astrophysics
- B.Sc. VI - Gravitation and Cosmology
- B.Sc. VII - Particles and Early Universe

Basket 2:

- B.Sc. V - Radiation Physics elective -I
- B.Sc. VI - Radiation Physics elective -II
- B.Sc. VII - Radiation Physics elective -III

Basket 3:

- B.Sc. V - Bioinformatics elective - I
- B.Sc. VI - Bioinformatics elective - II
- B.Sc. VII - Bioinformatics elective – III



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- The syllabi and the final course names are to be presented in the next BoS meeting. The syllabi will be shared among the BoS members for their inputs.
- The Director SoET suggested reducing the credits of B.Sc. course from 189 to around 165. For this, he suggested to transform some credit course into audit course and reduce credit of Major project. Department can coordinate with Chemistry and Mathematics department for the revision of credits.

Agenda 2: Other proposed elective courses for B.Sc. Physics and M.Sc. Physics programs

Discussion:

- Dr. Brijesh Tripathi proposed a course titled Introduction to Biomedical Imaging Systems, subject to be offered in Elective basket of Semester 7 (B.Sc.). However, the members of the BoS felt that this requires more planning and discussion and so it was suggested to take this in next BoS meeting.
- In M.Sc. Semester 3, the subject, Machine Learning in Science is proposed as one of the Elective subjects. The elective for M.Sc. can be included for all specializations. For this, the BoS members agreed upon the suggestion. The draft of the syllabus is to be presented for approval in next BoS Meeting.

Agenda 3: To discuss the proposed changes in the existing B.Sc., M.Sc. and B.Tech courses.

Discussion:

- (A) Minor revision in the Course Outcomes of 17BSP301T Waves and Optics.
- (B) Shuffling and deletion of content in 16BSP101T University Physics I.
- (C) Addition of a tutorial session in the existing structure and deletion of topics in the M.Sc. course 21MSP502T Mathematical Physics.

The summary of course content revision is attached as Annexure I. The syllabus files with marked revisions are attached as Annexure II.

Resolution: The BoS members approved the proposed revisions.

Agenda 4: Nomenclature of B.Sc., M.Sc. Physics grade sheet

Discussion:

The BoS approved the nomenclature for B.Sc. and M.Sc. Physics as mentioned below:

Sr. No.	Name of the Program	Nomenclature to be printed on the grade sheet (Sem 3 Onwards)	Nomenclature to be printed on the Degree certificate
1	B.Sc. (Physics)	B.Sc. (Hons.) (Physics)*	BACHELOR OF SCIENCE (HONS.) (Physics)
2	M.Sc. (Physics)	M.Sc. (Physics)	MASTER OF SCIENCE (Physics)

*For Semester 1 and 2, B.Sc. (Hons) will be printed on grade sheet.



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The meeting ended with a vote of thanks.

Dr. Satyam Shinde

BOS Chairman