



दक्षिण बिहार केन्द्रीय विश्वविद्यालय CENTRAL UNIVERSITY OF SOUTH BIHAR

(Established under Central Universities Act, 2009)

SH-7, Gaya – Panchanpur Road, Village – Karhara

Post – Fatehpur (Nepa), P.S. – Tekari, District – Gaya (Bihar) Pin- 824236

MINUTES OF THE 3rd BOARD OF STUDIES (BoS) MEETING OF DEPARTMENT OF PHYSICS

Date: 28th May, 2022 Time: 11:00 A.M.

Venue: HoD Chamber, Department of Physics, Aryabhata Bhavan

Members Present

1 Prof. Venktesh Singh, Head, Department of Physics, CUSB, Gaya	Chairperson
2 Prof. Prabhakar Singh, Department of Physics, IIT (BHU) Varanasi	External Member
3 Prof. Vipin Bhatnagar, Department of Physics, Punjab University	External Member
4 Dr. Amiya Priyam, Department of Chemistry, CUSB	Cognate Member
5 Dr. Girish Chandra, Department of Chemistry, CUSB	Cognate Member
6 Dr. Budhendra Kumar Singh, Department of Physics, CUSB	Member
7 Dr. Vijay Raj Singh, Department of Physics, CUSB	Member
8 Dr. Akhilananda Kumar, Department of Physics, CUSB	Member
9 Dr. Nitin Chandra, Department of Physics, CUSB	Member
10 Dr. Lakhwinder Singh, Department of Physics, CUSB	Member
11 Dr. Puneet Mishra, Department of Physics, CUSB	Member

A BoS meeting was called by the Chairperson, Board of Studies, Department of Physics, for updating and modifying currently running syllabus for MSc (Physics) as per the framework recommended by the NEP-2020 and to discuss the architecture and syllabi of the newly proposed courses in M.Sc. Physics, which is going to be introduced in upcoming session w.e.f. July 2022. At the outset the Chairperson, BoS, Prof. Venktesh Singh, welcomed all the members and introduced the external members. He also briefed about the need for the modification and/or preparation of syllabi to meet the requirement of framework as recommended by National Education Policy (2020) Task Force of Central University of South Bihar and the feedback of all stakeholder of physics department. Thereafter, following agendas were taken up in the meeting:

Agenda No. 01/BoS-05/22 **Resolution** Revision of currently running course structure and syllabi of M.Sc. programme in Physics.

Course structure and syllabi of M.Sc. Physics running with specialization in Nuclear & Particle Physics and condensed matter physics were discussed at length. Every member, who are taking up the respective courses in the currently running programme, presented their views about the requirement of any changes and/or modification. Making a note of all the suggestions and a detailed discussion thereafter, the syllabus along with the architecture of currently running syllabi were modified and recommended by the BoS for further consideration and approval at the competent committee/authority.

Agenda No. 02/BoS-05/22 **Resolution** Revision of proposed course structure and syllabi of B.Sc. and BS-MS dual degree programme in physics.

Course structure and syllabi of proposed BSc. (Physics) programme were discussed in detail and suggested/modification were made for the suggestions agreed upon by all the members. Every member, who are taking up the respective courses in the currently running programme, presented their views about the requirement of any changes and/or modification. Making a note of all the suggestions and a detailed discussion thereafter, the syllabus

Vipin Bhatnagar
28/05/2022

VRC
28/05/2022

Amiya Priyam
28/05/22

Nitin Chandra
28.05.2022

Vijay Raj Singh
28/05/22

Puneet Mishra
28/05/22

Budhendra Kumar Singh
28/05/22

along with the architecture of the proposed B.Sc. (Physics) and BS-MS dual degree programme were modified and recommended by the BoS for further consideration and approval by the competent committee/authority.


Agenda No. Any other Recommendation
03/BoS-05/22
Resolution

The Chairperson asked the members for any other suggestion and/or recommendation in view of effective implementation of the progress. In this regard, following recommendation were made and was agreed upon by the other members. The approved and recommended points as below will be presented to the competent authority/committee for approval.

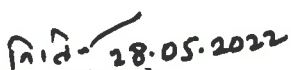
1. Looking at the various aspects of the practical that are to be carried out at PG level, every member felt the requirement of liquid Nitrogen plant for effective conduct the PG level practical courses and promoting research based practical courses.
2. Apart from this, every member unanimously recommended the need of at least 10 desktop computers in the PG lab for simulation related activity to enrich the learning of PG students and promoting research based practical in PG level practical courses.
3. Members recommended to introduce Medical Physics course based on radiation therapy and pathology.


All the recommendation and/or suggestions by the Members of BoS are incorporated in the final copy of the syllabus.

The meeting ended with vote of thanks


Dr. Puneet Mishra 28/05/2022
(Member)

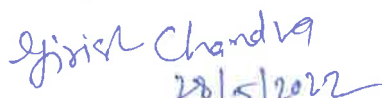

Dr. Lakhwinder Singh 28/05/2022
(Member)

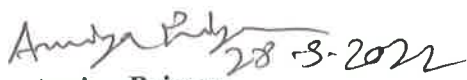

Dr. Nitin Chandra 28.05.2022
(Member)


Dr. Akhilananda Kumar 28/05/22
(Member)



Dr. Vijay Raj Singh 28/5/22
(Member)

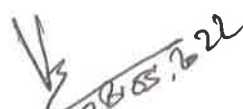

Dr. Budhendra Kumar Singh 28/5/22
(Member)


Dr. Girish Chandra 28/5/2022
(Member)


Dr. Amiya Priyam 28-3-2022
(Member)


Prof. Vipin Bhatnagar 28/05/2022
(External Member)


Prof. Prabhakar Singh 28/05/22
(External Member)


(Prof. Venkatesh Singh)
Chairperson, BoS