



Shri Mata Vaishno Devi University

श्री माता वैष्णो देवी विश्वविद्यालय

Kakryal, Katra-182320 (J&K), India

School of Physics

Total 74 pages

Minutes of the 10th Meeting of Board of Studies of SoP

held on

31/07/2023

(Hybrid Mode)



Shri Mata Vaishno Devi University

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Kakryal, Katra-182320 (J&K), India

School of Physics

SMVDU/SoP/2023/

Dated:

Minutes of the 10th meeting of Board of Studies (BoS) of School of Physics (SoP) held on 31/07/2023 at 12.00 noon in hybrid mode

The 10th meeting of board of Studies (BoS) of School of Physics (SoP), SMVDU was held on 31/07/2023 at 12:00 noon in hybrid mode (External members attended the meeting through online mode due to paucity of time and other commitments at their end). Agenda of this meeting (which was finalized after multiple rounds of consultations held internally with all the faculty members of the school), was circulated to all the worthy members of the board. Following members attended the meeting:

S. No.	Name	Affiliation
1.	Dr. S.K. Wanchoo	Associate Professor & Head, SoP Chairman (Ex-Officio)
2.	Prof. D.K. Pandya (online mode)	Visiting Professor, Adjunct Professor, Department of Physics, IIT Jammu (Former Professor of Physics, IIT Delhi), External Member Expert
3.	Prof. Geeta Bhatt (online mode)	Director, NCWEB, University of Delhi, formerly Associate Professor, Department of Instrumentation, Bhaskaracharya College of Applied Science, University of Delhi.
4.	Dr. Yugal Khajuria	Associate Professor, SoP
5.	Dr. Kamni	Assistant Professor, SoP
6.	Dr. Ram Prakash	Assistant Professor, SoP
7.	Dr. Pankaj Biswas	Assistant Professor, SoP Member Secretary, BoS of SoP
8.	Dr. Deepa Singh	Assistant Professor, (contract) SoP

Dr. Jitendra Sharma and Dr. M. A. Mir being on leave could not attend the meeting and were granted leave of absence.

At the outset, the Chairman BoS on behalf of School of Physics placed on record deep sense of appreciation and gratitude to Prof. D.K. Pandya, IIT Jammu and Prof. Saumitra Mukherjee, JNU, New Delhi for providing constant guidance to the school which has greatly helped the school in

Minutes of the 10th meeting of BoS of SoP

31/07/2023

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shaping its academic programmes, particularly the integrated program. He further stated that the fresh constitution of the BoS has recently been approved by the Competent Authority and has been notified vide No. SMVDU/AA/22/3048 dated: 30/12/2022 for a period of three years. He further informed the Board that recognizing the important contributions made by Prof. Pandya, University has once again nominated him for the BoS and he thanked him for accepting be to on the Board. Chairman then accorded warm welcome to Prof. Geeta Bhat from University of Delhi for accepting the invitation to be on BoS of the School and expressed confidence that her vast experience and presence will enrich the academic programs of the School.

Accordingly, based on the deliberations those were held during the meeting, the resolutions on individual agenda items are as follows:

Agenda Item No. 10.1:

To confirm the minutes of the 9th Meeting of BoS, SoP held on 31st October, 2022.

Resolution: The Board confirmed the minutes of its 9th meeting held on 31st October, 2022 which stand circulated vide No. SMVDU/SoP/22/352 dated 07/11/2022. [Annexure-I]

Agenda Item No. 10.2:

To consider and approve the detailed course contents of the courses for the semesters VII & VIII applicable for the Integrated B.Sc. (Hons.) – M.Sc. Physics batches admitted in 2020-21 & 2021-22.

Resolution: The Board resolved to approve the detailed course contents for the courses being offered in VII and VIII semesters for Integrated B.Sc. (Hons) Physics – M.Sc. Physics batches admitted in AY 2020-21 & 2021-22. This structure and contents shall also be applicable to students admitted during AY 2023-24 & AY 2024-25 directly to the first year of the two year M.Sc. Physics program. [Annexure-II]

Agenda Item No. 10.3:

To consider and approve the minor changes in the course structure of the semester VI applicable for the Integrated B.Sc. (Hons.) – M.Sc. Physics batch admitted in 2021-22.

Resolution: After due deliberations the Board approved the proposed credit reduction in the weight-age of the elective course as proposed in the agenda from 4 to 3 offered by other schools and increased credit weight-age for the Numerical Computation Lab from 0-0-4 = 2 to 0-0-6 = 3.

C. K. Singh

Shri. Singh

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Agenda Item No. 10.4:

To consider and approve the course structure and detailed course contents of the courses for the semester III & IV applicable for the Integrated B.Sc. – M.Sc. Physics batch admitted in 2022-23 under NEP 2020.

Resolution: The Board after detailed deliberations approved the course structure and detailed course contents for the courses proposed to be offered in semesters III and IV applicable to the batch of students admitted in 2022-23 to the Integrated B.Sc. - Physics-M.Sc. Physics under NEP 2020. However, it was resolved that there should be more weight-age for Lab work vis-à-vis theory course for course titled “Measurement and Analysis” (IV Semester) considering the nature of the course. Accordingly, it was resolved to revise the theory course credits to 2 and lab course credits to 2. [Annexure-III]

Agenda Item No. 10.5:

To consider and approve the course structure and detailed course contents of the courses for the semester I to IV applicable for the Integrated B.Sc. – M.Sc. Physics batch to be admitted in AY 2023-24 under NEP 2020.

Resolution: The Board resolved to approve the course structure and detailed contents only for the semesters I and II after due deliberations. This is only applicable to the batch of students to be admitted in AY 2023-24 to the Integrated B.Sc. - Physics-M.Sc. Physics programme under NEP 2020 and has been prepared on the outcome based model of education as per recent instructions received from academic affairs wing of the University. [Annexure-IV]

Agenda Item No. 10.6:

To consider and approve proposed new Pre-Ph.D. courses.

Resolution: The Board after detailed deliberations resolved to approve three courses proposed for the pre-Ph.D. course work. Prof. Pandya proposed that the course coordinator/ course instructors, particularly in case of course on characterization techniques, should give actual data based assignments to the students for better learning and to be able to do the basic analysis of data in a meaningful manner. This proposal was agreed to for implementation. Furthermore, based on the suggestion, it was agreed that for such multi-techniques based courses preferably more than one instructor may be assigned based on their expertise of specific technique(s), thus enabling the students a better understanding of the technique(s) and data analysis. [Annexure-V]

Agenda Item No. 10.7:

To present stakeholder feedback on our curriculum as mandated by DIQA, SMVDU for the purpose of NAAC process.

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Resolution: The Board appreciated the first ever exercise of this nature by the School based on the instructions received from DIQA, SMVDU vide no. SMVDU/DQA/2023/418-421 dated 06.06.2023 regarding the stakeholder feedback on curriculum development as per prescribed format received from their end. Board was informed that the School has obtained the feedback from students (current as well as alumni) and faculty and has carried out analysis thereof (Annexure-VI). Based on this exercise, minor changes wherever required have been incorporated in the agenda items of this meeting. Board resolved to approve the same for further submission to DIQA. Board further directed that this should be made into a regular annual exercise which is mainly based on feedback from passing out batches and important alumni.

Agenda Item No. 10.8:

To report changes in credits and/ or L-T-P of courses offered by other schools.

Resolution: Board was informed that some Schools such as School of Mathematics had made changes in L-T-P scheme of courses offered to the students of Integrated B.Sc. (Hons.) - M.Sc. Physics 2020 batch. This was done by merging and Lab and theory courses into a single course without altering the overall credits. Similarly, in the VI semester under open elective category students had to opt for a 3 credit course in lieu of 4 credits. This was due to the reason that all other schools were offering this course with 3 credits only. Similarly, in their III semester they were to opt for an open elective of 4 credits, however, the only option available at that time was of a course offered by School of Economics having 6 credits. While effecting these changes, it has been ensured that students do not fall short on total credits required for award for Degree. The board noted this information and resolved to ratify the same.

Agenda Item No. 10.9:

To report about the procurement of items for various Labs.

Resolution: BoS, SoP was pleased to note that the School has utilized the allocated budget as far as possible for FY 2022-23 and has acquired most of the items as had been approved by BoS at its 7th meeting.

Agenda Item No. 10.10:

To report the organization of a half day event "Science is Fun" jointly with IAPT. The event had been sponsored by IAPT-RC-02.

Resolution: BoS, SoP appreciated the organization of this activity jointly with the Indian Association of Physics Teachers (IAPT-RC-02), to reveal the joy of learning through hands-on-science held on 27.01.2023 being attended by over 200 participants from the University.



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Agenda Item No. 10.11:

To report the qualification in the prelim round of NEAST-2023 by Akshita, B.Sc. (Hons.) Physics Sem-IV student.

Resolution: BoS, SoP was happy and expressed satisfaction over the achievement of Ms. Akshita of B.Sc. (Hons.) Physics Sem-IV who qualified the prelim round of NAEST 2023 conducted as part of the annual National Anveshika Experimental Skills Test (NAEST-2023) under the able guidance and coordination of Prof. H.C. Verma (Padma Shri) former professor of Physics at IIT, Kanpur. Prof. Pandya, suggested that she should share her experiences with other students of the School so as to motivate them to take part in such events in future.

Agenda Item No. 10.12:

To report the successful defence of Ph.D. thesis by research students of the school since 31st, October, 2022:

Resolution: BoS, SoP expressed satisfaction and noted that two students, namely, Ms. Parul Sharma (18DPH002) under the supervision of Dr. Kamni and Ms. Pooja Khajuria, (18DPH001) under the supervision of Dr. Ram Prakash, have qualified for award of Ph.D. Degree since the 9th meeting of BoS.

Agenda Item No. 10.13:

To report the selection of two students of Integrated B.Sc. (Hons.) – M.Sc. Physics VI Semester students in Summer Research Fellowship Programme-2023 (SRFP-2023) offered by Joint Science Education Panel of three Science Academies of India.

Resolution: BoS, SoP was delighted to note that the school has been encouraging its students to apply and participate in National level events and activities. The Board unanimously resolved to congratulate Ms. Ritika Baigra, 20IBY029 (for securing SRF at Indian Institute of Science, Bangalore) and Mr. Piyush Bhardwaj, 20IBY028 (for securing SRF at Institute of Physics, Bhubaneswar) under the programme operated by Joint Science Education Panel of the three premier Science Academies of India.

Agenda Item No. 10.14:

Resignation of Dr. V. K. Singh from the services of the University.

Resolution: BoS noted the information regarding tendering of his resignation from the services at this University. The Board resolved to appreciate the services rendered by Dr. Vivek K. Singh at this University.



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Agenda Item No. 10.15:

Any other agenda item (s) with the permission of the chair.

Agenda item no. 10.15.1

To consider and approve creation of supernumerary seats in Integrated B.Sc. Physics – M.Sc. Physics programme w.e.f. 2023-24.

Resolution: University has implemented reservation policy as applicable in the UT of J&K w.e.f AY 2023-24 and accordingly has asked all the schools to propose supernumerary seats to compensate for the vacancies, if any, against the reserved category seats so as put the available infrastructure to full use. Their seats shall be available under UR category only and shall (being supernumerary in nature) not affect the number of seats under any other category. After due deliberations, the Board approved the proposal and decided that the number of supernumerary seats shall be floating in nature year on year and shall be equal to the no of vacancies arising out of the less response under reserved category seats without affecting the quota allocated to any particular category. Board suggested that these supernumerary seats should be filled from amongst the remaining applicants who could not be offered admission due to non-availability of vacant seats in their parent category. It was further suggested that University may evolve a uniform SoP for all the programs for the purpose.

Agenda item no. 10.15.2

To report and ratify the budget estimates as submitted to the finance wing of the University for the FY 2023-24.

Resolution: The Board was informed that the School was asked to submit the budget estimate for the FY 2023-24 by the Finance section of the University. Accordingly, after due deliberations among the faculty members of the school the same was prepared and submitted for the approval of the Competent Authority. The main focus of this year's proposal is to repair the faulty equipments and experimental setups as far as possible. Board noted the reported positions and decided to ratify the same.

The decisions taken by the BoS of SoP as listed hereinabove were finally recommended for discussion and approval in the next scheduled Academic Council meeting of the University.



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School of Physics

Dr. Yugal Khajuria
Assoc. Professor
Member

(on leave)

Dr. Jitendra Sharma
Asstt. Professor
Member

Dr. Kamni
Asstt. Professor
Member

Dr. Ram Prakash
Asstt. Professor
Member

Dr. Pankaj Biswas
Asstt. Professor
Member

Dr. Deepa Singh
Asstt. Professor (Contract)

Dr. S. K. Wanchoo
Assoc. Professor & Head, SoP
Chairman

(Minutes have been confirmed via email
copy of the same is enclosed)

Prof. Geeta Bhatt
Director, NCWEB,
University of Delhi
Member Expert (External)

Prof. D.K. Pandaya
Adjunct Professor, IIT
Jammu
Member Expert (External)

Submitted for your kind consideration and necessary action for approval of the same in the forthcoming Academic Council meeting.

Dr. Pankaj Biswas
Member Secretary BoS, SoP

Head, SoP:

To

All members for the information.

Copy to:

1. Dean (AA) for information.
2. Registrar, SMVDU for information & placing of the same before Academic Council.
3. PS to VC for kind information of the Hon'ble Vice Chancellor.
4. Concerned file.

Draft Minutes of 10th meeting of BoS of SoP by Hybrid Mode

5 messages

pankaj biswas <pankaj.biswas@smvdu.ac.in>

Mon, Jul 31, 2023 at 4:54 PM

To: Dinesh Pandya <dinesh.pandya@iitjammu.ac.in>, geeta.bhatt@bcas.du.ac.in, director@ncweb.du.ac.in, Department of Physics <dop@smvdu.ac.in>

Cc: "Office SoP (Physics)" <office.sop@smvdu.ac.in>, HoD Physics <hod.physics@smvdu.ac.in>

Dear All,

With reference to the 10th meeting of BoS of SoP which was held in the SoP conference room (in hybrid mode) today i.e. 31.07.2023 at 12:00 p.m. onwards, PFA the draft minutes along with annexures (in docx format) of the meeting.








The minutes have been prepared in accordance with the proposed ensuing Academic Council Meeting of SMVDU in near future. The worthy members of the Board are requested to give away their suggestions and/ or comments (if any) to the undersigned by 02.08.2023 (Wednesday) afternoon.

Minutes are being submitted to Board Members to accord their approval to notify the same.

With Best Regards,

Dr. Pankaj Biswas
Asst. Prof. SoP, SMVDU
(M): 9419113597

7 attachments

-  3 Annexure - II - Proposed detailed contents for 5 Yr Int B.Sc.-M.Sc. Programme-2020-21students and M.Sc. 2023-24 first year.docx
42K
-  4 Annexure-III - Proposed course structure and contents for (IIIrd and IVth Sem) 2 Yr Int B.Sc.-M.Sc. Physics Programme-2022-23 batch.docx
47K
-  6 Annexure-V - Pre Ph D Courses additional.docx
22K
-  5 Annexure-IV - Proposed Course structure and detailed contents of 5 Yr Int B.Sc.-M.Sc. Programme-2023-24_onwards.docx
53K
-  8. Budget Estimate FY 2023-24.PDF
29K
-  7 Annexure-VI - Regarding feedback of all stakeholders on Curriculum development.docx
33K
-  2 Annexure- I Minutes of 9th Meeting of BOS.pdf
6286K

pankaj biswas <pankaj.biswas@smvdu.ac.in>

Mon, Jul 31, 2023 at 8:19 PM

To: Dinesh Pandya <dinesh.pandya@iitjammu.ac.in>, geeta.bhatt@bcas.du.ac.in, director@ncweb.du.ac.in, Department of Physics <dop@smvdu.ac.in>

Cc: "Office SoP (Physics)" <office.sop@smvdu.ac.in>, HoD Physics <hod.physics@smvdu.ac.in>


The DRAFT minutes of the 10th meeting of BoS of SoP is attached herewith for your kind perusal.

With regards,

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[Quoted text hidden]

 Draft minutes of 10th Meeting of BOS of SoP.doc
152K

pankaj biswas <pankaj.biswas@smvdu.ac.in>
To: HoD Physics <hod.physics@smvdu.ac.in>

Tue, Aug 1, 2023 at 9:55 AM

[Handwritten signatures and initials in blue ink]

EXPP.

----- Forwarded message -----

From: **Dr. Geeta Bhatt** <geeta.bhatt@bcas.du.ac.in>
Date: Tue, Aug 1, 2023, 14:34
Subject: Re: Draft Minutes of 10th meeting of BoS of SoP by Hybrid Mode
To: pankaj biswas <pankaj.biswas@smvdu.ac.in>

I endorse the minutes.

With Warm Regards

Geeta Bhatt

Director

Non-Collegiate Women's Education Board (NCWEB)

Tutorial Building, II Floor, Guru Tegh Bahadur Road Building

University of Delhi, Delhi -110007

Former Member, Academic Council, University of Delhi (2015-17, 2017-119)

Senior Member, IEEE

Member, Advisory Committee, National Commission for Women

Institutional Website - <https://ncweb.du.ac.in/> Homepage: <https://drgeetabhatterblog.wordpress.com/about/>



[Quoted text hidden]
Geeta

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Shruti

Shruti