



Sant Baba Bhag Singh UNIVERSITY

Village: Khiala: PO: Padhiana, Distt: Jalandhar 144030

Website: www.sbbsuniversity.ac.in Phone: 0181-2711163 Fax: 0181-2711555

Department of Physical Sciences

Ref. No: SBBSU/UIS/PS/2025/ 436(d)

Date: 30/5/25

Proceedings of Meeting of Board of Studies (BoS) of Department of Physical Sciences

As per the circular wide no. SBBSU/UIS/PS/2025/ 428 dated 13/5/2025, the meeting of the Board of Studies (BOS) for Mathematics in UG/PG/Ph.D courses in Department of Physical Sciences and sister institutes of university was held on 2nd June 2025 at 1: 30 pm onwards through online mode (Google Meet) for implementation of New Education policy 2020 in Bachelor/Master/ Doctoral programme.

Following members were present in the meeting and approved the BOS agenda:						
S.No.	Name	Subject	Designation	Institute	Position	Signature
1	Dr. Vijay Dhir	UIET	Dean Academics	SBBSU	Chairperson	
2	Dr. Shweta Singh	Microbiology	Dean UIS	UIS	Member	
3	Dr. Rakesh Kumar	Mathematics	Department of Mathematics	Shaheed Bhagat Singh State University, Firozpur, Punjab. Email: rakesh@sbsstc.ac.in	External Subject Expert (Mathematics)	Present online
4	Dr. Nisha Sharma	Chemistry	HOD, Physical Sciences	UIS	Member	
5	Dr. Honey Sharma	Physics	COD, Department of Physical Sciences	UIS	Member	
6	Dr. Anju Sood	Mathematics	Associate Professor	UIS	Internal Member	
7	Dr. Inderdeep Singh	Mathematics	Associate Professor	UIS	Internal Member	
8	Dr. J.R. Bhalla	Mathematics	Associate Professor	UIS	Internal Member	
9	Dr. Sonia Bansal	Mathematics	Assistant Professor	UIS	Internal Member	
10	Mr. Jujhar Singh	Mathematics	Assistant Professor	UIS	Internal Member	
11	Ms. Bhabna Kumari	Mathematics	Assistant Professor	UIS	Internal Member	
12	Dr. Jagdeep Kaur (Dean UIET) / His representative				Member	
13	Dr. Anket Kumar (Dean UIE) /His representative				Member	
14	Dr. Nirmal Kaur (Dean UICAIS) / Her representative				Member	



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15	Dr. Ajay Kumar Pathania (Dy. Dean UICM)/ Her representative	Member	
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Following agenda items were discussed and approved as:

1. Scheme of B. Sc. /B. Sc. (Honours) / B. Sc. (Honours with research) / Mathematics- Batch 2025 and B. Sc. Physical Sciences - Batch 2024 for first and second year respectively, credits & Syllabus of mathematics for UG, PG and Ph.D. courses as per New Education Policy 2020 for Batch 2024 and Batch 2025 onwards.
2. Various curriculum aspects on the basis of Feedback of stakeholders (Students/ Alumni/ Teachers/ Employers) i.e. Incorporation of more elective/core courses on the basis of specialization oriented, technological advancements, practicability & employable skills (Detail is attached).
3. Amendments in the course curriculum on the basis of suggestions by the experts regarding scheme and syllabus.



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Following are the Proceedings of BoS Meeting:

For PG Programmes:

Revision in previous Syllabus of M.Sc. (Hons.) Mathematics 2 year (PG046) programme					
Sr. No.	Programme Name	Course Code	Course/ Subject Name	Remarks/ Observations by Experts/ Stakeholders/BoS members	Action Taken
1	M.Sc. (Hons.) Mathematics/ PG046	MAT669	Seminar	Change the subject name as Seminar (Professional Skills)	Suggestion Incorporated
2	M.Sc. (Hons.) Mathematics/ PG046	RM656	Scientific and Technical Writing	Change the subject name as Scientific and Technical Writing (Professional Communication Skills)	Suggestion Incorporated

For UG Programmes:

Revision in previous Syllabus of B.Sc. (Hons.) Mathematics 4 year programme					
Sr. No.	Programme Name & Batch	Course Code	Course/ Subject Name	Remarks/ Observations by Experts/ Stakeholders/BoS members	Action Taken
1	B. Sc./B.Sc.(Honours)/ B. Sc.(Honours with research)/Mathematics/ Batch 2025	MAT161	Mathematics-I : Calculus	The syllabus of the courses were approved with suggestion of adding few more references.	Suggestion Incorporated
2	B.Sc./B.Sc.(Honours)/ B.Sc.(Honours with research)/Mathematics/ Batch 2025	MAT162	Mathematics-II: Ordinary Differential Equations		
3	B.Sc. Physical Sciences / Batch 2024	MAT261	Elementary Algebra		
4	B.Sc. Physical Sciences / Batch 2024	MAT267	Biostatistical Methods		
5	B.Sc. Physical Sciences / Batch 2024	MAT262	Elementary Real Analysis		
6	B.Sc. Physical Sciences / Batch 2024	MAT263	Elementary Number Theory		
7	B.Sc. Physical Sciences / Batch 2024	MAT266	Partial Differential Equations		
8	B.Sc. Physical Sciences / Batch 2024	MAT265	Coordinator Geometry		
9	B.Sc. Physical Sciences / Batch 2024	MAT264	Linear Algebra		



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Revision in previous Syllabus of Mathematics in various Sister Institute programme					
Sr. No.	Programme Name	Course Code	Course/ Subject Name	Remarks/ Observations by Experts/ Stakeholders/BoS members	Action Taken
1	B.Tech	MAT171	Engineering Mathematics-I	Syllabus presented before expert were approved with the suggestion to omit some parts of the unit IV (Complex Analysis) and unit III (Partial Differential Equations) of the courses Engineering Mathematics-II and Engineering Mathematics-III respectively.	Suggestion Incorporated
2	B.Tech	MAT172	Engineering Mathematics-II		
3	B.Tech	MAT271	Engineering Mathematics-III		
4	B.Tech	MAT272	Discrete Mathematics		
5	B.C.A/B.Sc(IT)	MAT174	Fundamentals of Elementary Mathematics		
6	B.C.A/B.Sc(IT)	MAT274	Computer Oriented Statistical methods		

Revision in previous Syllabus of Ph.D Mathematics programme					
Sr. No.	Programme Name	Course Code	Course/ Subject Name	Remarks/ Observations by Experts/ Stakeholders/BoS members	Action Taken
1	Ph.D Mathematics	MAT911	Mathematics-III	Approved as presented with no suggestion	Suggestion Incorporated

Revision in previous Syllabus of IKS courses					
Sr. No.	Programme Name	Course Code	Course/ Subject Name	Remarks/ Observations by Experts/ Stakeholders/BoS members	Action Taken
1	UG Programme	MAT163	Development of Mathematics in India (IKS-I)	The syllabus proposed were appreciated and approved	Suggestion Incorporated
2	UG Programme	MAT164	Development of Mathematics in India (IKS-II)		



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Other Suggestions of External Experts (Not covered above):

S. No.	Name of Expert	Designation/Address	Expert's suggestions	Action Taken
1.	Dr. Rakesh Kumar	Department of Mathematics, Shaheed Bhagat Singh State University, Firozpur, Punjab. Email: rakesh@sbsstc.ac.in	Expert has appreciated the efforts of faculty of mathematics and institute for well designing of syllabus. In some courses, some revisions were suggested.	All the suggestions incorporated.

As suggested by the experts, all amendments have been incorporated in scheme/syllabus.

Meeting ended with the thanks by Dean Academics.

Dr. Anju Sood
Associate Professor (Mathematics)

Dr Inderdeep Singh
Associate Professor (Mathematics)

Dr. J.R. Bhalla
Associate Professor (Mathematics)

Dr. Sonia Bansal
Assistant Professor (Mathematics)

Dr. Jujhar Singh
Assistant Professor (Mathematics)

Dr. Bhabna Kumari
Assistant Professor (Mathematics)

Dr. Honey Sharma
Associate Professor (Physics)
COD, Physical Sciences (UIS, SBBSU)

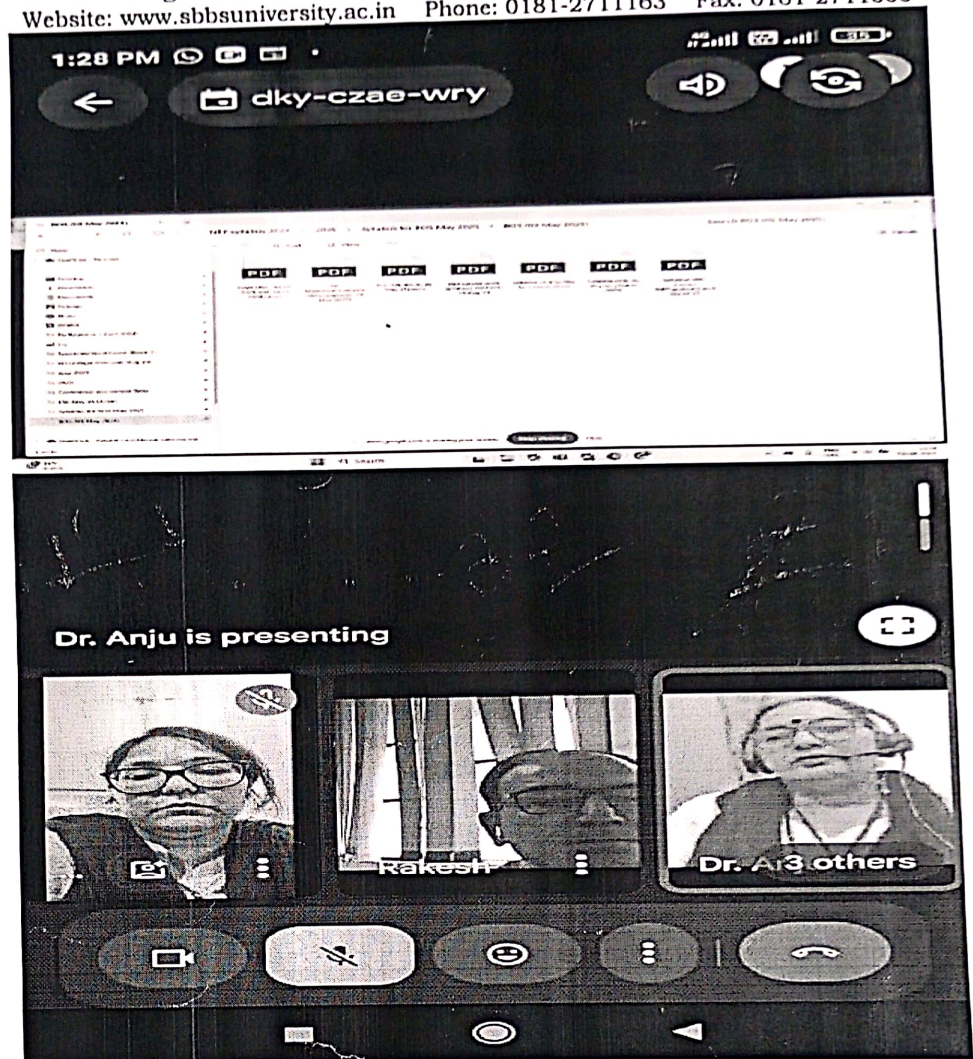
Dr Nisha Sharma
(Associate Professor Chemistry)
HOD, Physical Sciences (UIS, SBBSU)

Dean of Institute (UIS, SBBSU)



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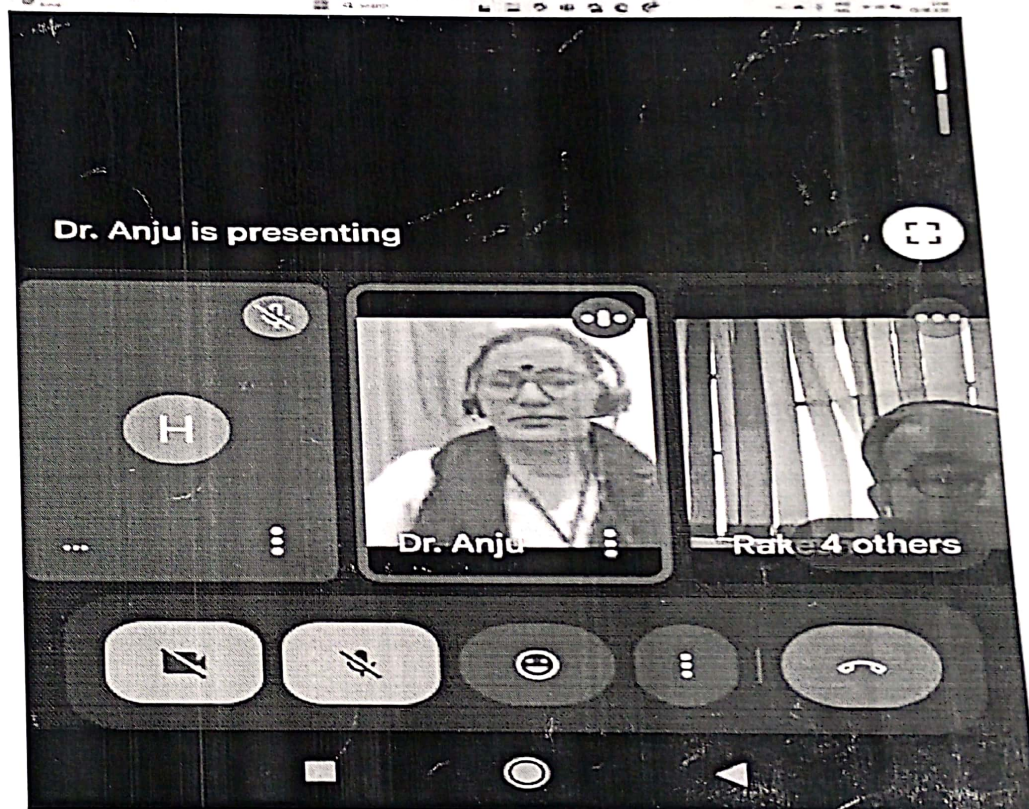
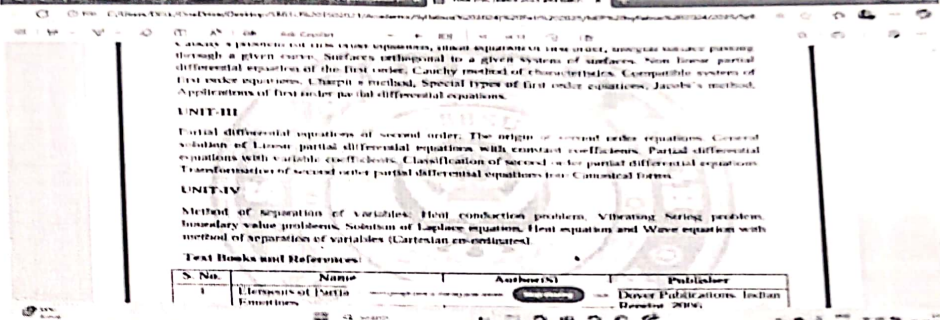
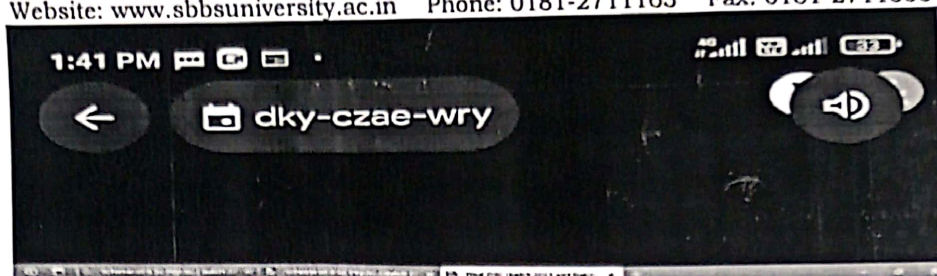
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1:30 PM dky-czae-wry

100 years anniversary of Sant Baba Bhag Singh University

Semester I

S. No.	Course Type	Course Code	Subject Name	Course Hours (L, T, P)	Credits (L, T, P)	Grade	Grade Points
1	Major/Misc	PHY 101	Physics I: Mechanics	4:0:0	4:0:0	A	4
2	Major/Misc	PHY 102	Physics I: Electromagnetism & Optics	4:0:0	4:0:0	A	4
3	Major/Misc	MATH 101	Mathematics I: Calculus	4:0:0	4:0:0	A	4
4	Major/Misc	MATH 102	Mathematics II: Linear Algebra & Probability	4:0:0	4:0:0	A	4
5	Major/Misc	COM 101	Communication Skills in English	2:0:0	2:0:0	A	2
6	Major/Misc	COM 102	Indian Language (Hindi)	2:0:0	2:0:0	A	2

Dr. Anju is presenting

Rakesh

Dr. Ar4 others



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Sant Baba Bhag Singh University

(University Established under Punjab Act No. 8 of 2013)
Vill. Khiala, P.O. Padhiana, Dist. Jalandhar, Punjab, INDIA

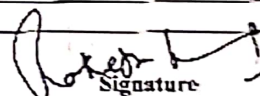
External Expert Review Performa For Board of Studies

Name of External Expert : Dr. Rakesh Kumar
Discipline : Mathematics
Designation : Associate Professor of Mathematics
Organization (Name & Address) : Department of Applied Sciences and Humanities
Shahed Bhagat Singh State University,
Ferozpur, Punjab, India
Contact No. : +91-98554 07673
E-Mail ID : rakesh@sbssu.ac.in
Date of Visit/Meeting : 02 June 2025

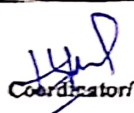
Reviewer's Comments :-

1. Additional references should be included for certain papers.
2. The units of the Engineering Mathematics courses covering Partial Differential Equations and Complex Variables were recommended to be confined to fundamental concepts only.

♦ Use extra sheet(s) if required.


Signature

Date... 2-6-25


Coordinator/HOD's/Dean's

Dean Academics



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Recognized by UGC under Section 2(f) of UGC Act, 1956.

Ref. No. SBBSU/001/25/112

Dated 24-5-2025


To
Dr. Rakesh Kumar
Associate Professor, Department of Mathematics
Shaheed Bhagat Singh State University
Ferozepur, Punjab-INDIA

Subject: Invitation for Board of Studies meeting in the Department of Physical Sciences

Respected Sir,

This is to bring to your kind notice that the meeting of Board of Studies (BOS) of Department of Physical Sciences, University Institute of Sciences, Sant Baba Bhag Singh University, Khiala, Jalandhar is going to be held on May 28th 2025 at 12:00 PM through online mode. You have been nominated as an expert for the BoS meeting by the competent authority. I feel honor to invite you as an expert for the approval of Course Scheme and Syllabus of Mathematics in B.Sc. Physical Sciences Batch 2024, B.Sc. /B.Sc. (Hons.)/B.Sc. (Hons.) with Research in Mathematics Batch 2025, M.Sc. (Hons.) Mathematics as per NEP 2020, Ph.D. Mathematics coursework and interdisciplinary courses of Mathematics offered by Physical Sciences. Your experience and expertise will be of great help to the Department and University. You are requested to kindly spare your valuable time to participate in the same on May 28th, 2025 at 12:00 PM.

Regards


Dr. Vijay Dhir
Dean Academics
SBBS University

Call: 0181-2711163 Fax: 0181-2711511





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Ref. No: SBBSU/UIS/PS/2025/131 Department of Physical Sciences

Date: 13/5/25

To
The Vice Chancellor
SBBS University,
Jalandhar

Subject: For the approval of the expert for BOS of Physical Sciences (Mathematics)

Respected Sir,

It is submitted that Department of Physical Sciences have to conduct BOS for discipline of Mathematics for (B.Sc Physical Sciences Batch 2024, BSc./ BSc. (Hons.) B.Sc. (Hons with Research) in Mathematics 2025 onwards, M.Sc. (Hons.) Mathematics) and interdisciplinary courses of mathematics offered by Physical Sciences as per NEP 2020 on 21st May 2025. Kindly approve the subject Expert from the following panel.

Mathematics			
S No.	Name	Designation	University/Institute
1.	Dr. Kul Bhushan Agnihotri	Professor	Department of Applied Science & Humanities Shaheed Bhagat Singh State University (Established by Punjab Government) Moga Road NH-5, Ferozepur, Punjab-INDIA E-Mail: agnihotri69@gmail.com Mobile No.: +91-96469-99019, +91-98152-64641
2.	Dr. Sanjay K. Srivastava	Professor	Department of Mathematics Sardar Beant Singh State University (Unit of Government of Punjab) Gurdaspur-Punjab, Email id: sks64_bcet@yahoo.co.in Mobile no. 98559-68325
3.	Dr. Rakesh Kumar	Associate Professor	Shaheed Bhagat Singh State University, Ferozepur, Punjab, INDIA-152004 Email id: rakesh@sbsstc.ac.in Mobile no: 9855407673
4.	Dr. Muslim Malik	Chairperson and Associate Professor of Mathematics	School of Basic Sciences, IIT Mandi, Himachal Pradesh-175005 E-mail: muslim@iitmandi.ac.in Mobile No. +91-86279-79526

Kindly approve TA/DA and Honorium (Rs 2000/-) for the expert as well.

Thanking you in anticipation

[Signature]
Coordinator (Physical Sciences)
13/5/25

Recommended & forwarded to Dean Academics
[Signature]
13/5/25

[Signature]
12/5/25

[Signature] 13/5/2025
Head (Physical Sciences)
Serial No. 3
Dr. Rakesh Kumar
of S.B.S.S. Uni.
Ferozepur is
allotted
13/5/25

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