



Sant Baba Bhag Singh UNIVERSITY

Village: Khiala: PO: Padhiana, Distt: Jalandhar 144030
Website: www.sbbsuniversity.ac.in Phone: 0181-2711163 Fax: 0181-2711555

Reference No: SBBSU/LS/2024/363b

Date: 13/05/2024

Subject: Proceedings of Departmental Academic/Curriculum Development Committee (CDC) Meeting for revision of programme curriculum.

A meeting of Departmental Academic/Curriculum development committee of Life Sciences and Allied Health Sciences was held on 13th March 2024 in Office of H.O.D. at 2:30 pm.

Members present:

Name	Designation	Signature
Dr. Shweta Singh	HOD, Life Sciences and Allied Health Sciences	
Dr Ranjana Cheema	Professor, Life Sciences	
Dr. Aksh Sharma	C.O.D, Assistant Professor	
Dr Indu Sharma	Associate Professor	
Dr. Chetna Sharma	Assistant Professor	
Dr. Younis Ahmad Majeed	Assistant Professor	
Dr. Talib Dar	Assistant Professor	
Dr. Vivek Kumar	Assistant Professor	
Dr Daljit Kaur	Assistant Professor	
Dr Jaerus Sahonta	Assistant Professor	

Agenda for the Meeting:

- Revision in course curriculum as per NEP 2020.
- Revision of the course curriculum on the basis of feedback from stakeholders.
- Introduction of New programmes in the department.
- Discussion regarding timely completion of internship and project work of final year students.
- Finalization of schedule & Experts for BOS for different disciplines.

Sr. No.	Agenda	Decision
1	Implementation of NEP	The course curriculum of B.Sc Medical to be amended as per the NEP 2020 and be implemented from July 2024 onwards.
2	Feedback of stakeholders	Final analysis report of feedback received from various stakeholders (Students, Teachers, Employers, Alumni) on curriculum have been discussed.
3	Introduction of new programmes	As per the current admission queries received in Admission Cell, the following new programmes need to be commenced from upcoming academic session viz. 2024 onwards: <ul style="list-style-type: none">• B.Sc AOTT (Anaesthesia and Operation Theatre Technology)• M.Sc (Clinical Biochemistry)• MPT




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4	Revision in course curriculum	<p>4.1 As per the feedback on curriculum by various stakeholders, NEP 2020 and as analysed through IQAC, various aspects of revision in course curriculum have been discussed.</p> <p>4.2 Syllabus could be revised/framed as per current needs of competitive exams (NET/SET), industry, technological aspects as well as to provide better employability & skills in concerned discipline.</p> <p>4.3 Revision of course curriculum of Ph.D (Botany, Microbiology, Zoology).</p> <p>4.3 All subject teachers should submit the due suggestions for syllabus revision so that it could be implemented in next academic year and approved through Board of Studies.</p>
5	Completion of internship and project work of final year students	As per guidelines of UGC regarding timely declaration of results, all the UG and PG students should be instructed to commence their internship and project work by 1 st week of January positively. MoU signed hospitals should be conveyed in this regard.
6	BOS meeting	<p>6.1 As per the orders from higher authorities, Meeting of Board of studies for approval of revised and new syllabus have to be conducted before the commencement of next academic session. Expert panel for different disciplines viz: Botany, Zoology, Clinical Biochemistry, AOTT and Physiotherapy have been discussed and finalized.</p> <p>6.2 Tentative date for the same have been proposed on the basis of approval and availability of Experts.</p>
7	Revision of Nomenclature of B.Sc MLS	The nomenclature of UG course B.Sc Medical Laboratory Sciences (MLS) to be revised as B.Sc Medical Laboratory Technology (MLT). This was recommended keeping in view the name of course offered by most of the nearby universities.
8	Introduction of FYUG program in allied health courses	Implementation of NEP 2020 in allied health courses; by introducing Four year under graduate program in B.Sc MRIT, B.Sc AOTT and B.Sc MLT*. (*Previously running as B.Sc MLS)

The meeting ended with thanks to the chair.


Dr. Shweta Singh
HOD


Dr. Aksh Sharma
COD



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DEPARTMENT OF LIFE SCIENCES AND ALLIED HEALTH SCIENCES

Ref. No. SBBSU/LS/2024/359 .

Dated: 10/5/24

The Vice-Chancellor,
SBBS University,
Jalandhar

Subject: For the approval of expert for BoS meeting of M. Sc. Clinical Biochemistry programme

Respected Sir

This is submitted that the Department of Life Sciences and Allied Health Sciences proposes to conduct the meeting of BoS (Board of Studies) for the approval of the Scheme and Syllabus of M.Sc. Clinical Biochemistry Programme. **The meeting of Board of Studies (BoS) may be conducted on 13th May, 2024 at 2:00PM through offlinemode.** You are requested to approve the date and timings of the meeting and the subject experts from the below-mentioned list of external experts (along with TA/DA and Honorarium, applicable as per rule) for the conduct of the BoS meeting.

S. No.	Name of Expert	Designation	Specialization	Institute
1	Dr. Promila	Professor (Retd.),	Clinical Biochemistry	BIS College of Science & Technology, Gagra, Moga
2	Dr. Ashok Guru	Pathologist	Clinical Pathology	Guru Nanak Sadh Sangat Charitable Hospital, Kalra
3	Dr. Vikas Gupta	Assistant Professor (Biotechnology)	Molecular Biology and Biochemistry	Department of Biotechnology, DAV College, Amritsar
4	Dr. RK Bansal	Sr. Biochemist (MD Biochemistry)	Clinical Biochemistry	Bansal Endocrinology & Clinical Laboratory, Ludhiana
5	Dr. Prabhjot kaur	Assistant Professor (Biotechnology)	Biochemistry	Dept. of Biochemistry, PIMS Hospital, Jalandhar

Submitted for kind consideration and approval, please.

Prerna
Co-ordinator
10/5/2024

Life Sciences and Allied Health Sciences

Arvind
10/5/24
Head(Life Sciences) & Dean UIS

*Serial No 2 Dr Ashok
Guru is approved,
10/5/24*

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Ref. No. SBBSU/DA/24/63

Dated: 12/05/2024


To
Dr. Ashok Guru
Pathologist (Clinical Pathologist)
Guru Nanak Sadh Sangat Charitable Hospital
India

Subject: **Invitation for Board of Studies meeting in the Department of Life Sciences and Allied Health Sciences**

Respected Sir,

This is to bring to your kind notice that the meeting of Board of Studies (BOS) of Department of Life Sciences and Allied Health Sciences, University Institute of Sciences, Sant Baba Bhag Singh University, Khiala, Jalandhar is going to be held on **May 13, 2024 at 2:00 PM through offline 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 M.Sc. Clinical Biochemistry**. 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 13, 2024 at 2:00 PM**.

Regards


Dr. Vijay Dhir
Dean Academics
SBBS University

12/5/24





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Reference No.: SBBSU/LS/2024/358A

Date: 9/05/2024

MEETING CIRCULAR

Subject: Meeting Circular for the Board of Studies (BoS) of the Department of Life Sciences and Allied Health Sciences for the approval of BoS meeting of M. Sc. Clinical Biochemistry programme as per NEP 2020 on 13th May, 2024 at 12 PM.

The meeting of members of Board of Studies (BoS) of the Department of Life Sciences and Allied Health Sciences for the approval of BoS meeting of M.Sc. Clinical Biochemistry programme as per NEP 2020 to be held on 13th May, 2024 at 12:00 PM.

Dr. Ashok Guru (MBBS, MD Pathology) Medical officer at Guru Nanak Sadh Sangat Charitable Hospital, Kalra, Jalandhar, has been appointed as an external expert. The following members are kindly invited for the discussion and approval of the below mentioned agenda items.

S.No.	Name	Subject	Designation	Institute	Position
1.	Dr. Vijay Dhir	CSE	Dean Academics	Sant Baba BhagSingh University, Jalandhar	Chairperson
2.	Dr. Shweta Singh	Microbiology	Dean UIS& Head (Life Sciences)	UIS	Member
3.	Dr. Ashok Guru	Clinical pathology	Medical officer	Guru Nanak Sadh Sangat Charitable Hospital, Kalra	Expert Member
4.	Dr. Aksh Sharma	Animal Biotechnology	Coordinator (Life Sciences)	Department of Life Sciences and Allied Health Sciences, UIS	Member



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5.	Dr. Chetna Sharma	Biochemistry and Molecular Biology	Assistant Professor	UIS	Internal Member	<i>[Signature]</i>
6.	Dr. Younis Ahmad Majeed	Endocrinology	Assistant Professor	UIS	Internal Member	<i>[Signature]</i>
7.	Dr. Talib Dar	Medical zoology	Assistant Professor	UIS	Internal Member	<i>[Signature]</i>
8.	Dr. Vivek Kumar	Genetics	Assistant Professor	UIS	Internal Member	<i>[Signature]</i>
9.	Ms Sonia	MMLT/Microbiology	Assistant Professor	UIS	Internal Member	<i>[Signature]</i>
10	Ms Satvir Kaur	MLT/Clinical Microbiology	Assistant Professor	UIS	Internal Member	<i>[Signature]</i>
Members from the other institutes of SBBSU:						
11	Dr. Vijay Dhir (Dean UIET)/ His representative				Member	<i>[Signature]</i>
12	Dr. Aneet Kumar (Dean UIE & Dean UIH)/ His representative				Member	<i>[Signature]</i>
13	Dr. Pooja Bali (Dy. Dean UIL)/ Her representative				Member	<i>[Signature]</i>
14	Dr. Ajay Kumar Pathania (Dy. Dean UICM)/His representative				Member	<i>[Signature]</i>
15	Dr. Nirmal Kaur (Dy. Dean UICAIIS)/Her representative				Member	<i>[Signature]</i>

You are requested to attend the meeting on 13th May, 2024 (Monday) at 12:00 PM.



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The detailed agenda of the meeting will be as follows:

1. Discussion and approval of course scheme and syllabus of M.Sc Clinical Biochemistry programme scheduled on 13th May, 2024 at 12:00 PM through offline mode in the office of HOD, Life Sciences and Allied Health Sciences.
2. Discussion on approval for incorporation of Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs) in the curriculum of courses of above cited Programme
3. Incorporation of amendments suggested by the experts regarding scheme and syllabus.
4. Inclusion of discipline specific courses in the curriculum of the above mentioned programme.
5. Introduction of Research based courses and Research project in M. Sc. 2nd year

Thank you for anticipation.

Coordinator-Life Sciences and Allied Health Sciences
UIS, SBBSU, Jalandhar

Head -Life Sciences and Allied Health Sciences
UIS, SBBSU, Jalandhar

Dean of Institute

SANT BABA BHAG SINGH UNIVERSITY

University Institute of Sciences (UIS)

Ref. No: SBBSU/LS/2024/378A

Dated: 7/6/2024

Subject: Proceedings of the meeting of Board of Studies (BoS) of Programme M.Sc. Clinical Biochemistry as per NEP 2020, offered by the Life Sciences & Allied Health Sciences department

The meeting of members of BoS was held on 13/5//2024 at 12:00 pm onwards in the office of Dr Shweta Singh, HOD, Life Sciences and Allied Health Sciences, Room No. 503. Dr. Ashok Guru, M.D. Pathology was the external expert. The following other members were present and approved the points discussed below.

S.No.	Name	Subject	Designation	Institute	Position
1.	Dr. Vijay Dhir	CSE	Dean Academics	Sant Baba BhagSingh University, Jalandhar	Chairperson
2.	Dr. Shweta Singh	Microbiology	Dean UIS& Head (Life Sciences)	UIS	Member
3.	Dr. Ashok Guru	Clinical pathology	Medical officer	Guru Nanak Sadh Sangat Charitable Hospital, Kalra	Expert Member
4.	Dr. Aksh Sharma	Animal Biotechnology	Coordinator (Life Sciences)	Department of Life Sciences and Allied Health Sciences, UIS	Member
5.	Dr. Chetna Sharma	Biochemistry and Molecular Biology	Assistant Professor	UIS	Internal Member
6.	Dr. Younis Ahmad Hajam	Endocrinology	Assistant Professor	UIS	Internal Member
7.	Dr. Talib Hussain Dar	Medical Zoology	Assistant Professor	UIS	Internal Member

8.	Dr. Vivek	Genetics	Assistant Professor	UIS	Internal Member
9.	Ms Sonia	MMLT/Microbiology	Assistant Professor	UIS	Internal Member
10.	Ms Satvir Kaur	MLT/Clinical Microbiology	Assistant Professor	UIS	Internal Member

Members from the other institutes of SBBSU:

11.	Dr. Vijay Dhir (Dean UIET)/ His representative				Member
12.	Dr. Aneet Kumar (Dean UIE & Dean UIH)/ His representative				Member
13.	Dr. Pooja Bali (Dy. Dean UIL)/ Her representative				Member
14.	Dr. Ajay Kumar Pathania (Dy. Dean UICM)/His representative				Member
15.	Dr. Nirmal Kaur (Dy. Dean UICAIS)/Her representative				Member

The following Agenda were discussed and approved in this BoS meeting:

1. Discussion and revision of proposed course scheme and syllabus of M.Sc. Clinical Biochemistry, Programme Code. PG052 as per NEP 2020 for the admissions of session July 2024 onwards.
2. Incorporation and revision of vision, mission, PO, PEO, PSO, and CO into the syllabus.
3. Discussion and approval on curriculum aspects based on feedback from stakeholders and BoS committee members
4. Amendments of suggestions by the Subject Experts regarding scheme and syllabus.

Details of Proceedings of BoS Meeting

S.No.	Programme Name/ Programme Code	Course Code	Course Name	Remarks/Observations by Experts/Stakeholders/BoS Committee members	Action Taken (Batch 2021 onwards)
1	M.Sc CBC/ PG052	CBC501	General Biochemistry	Proposed course content along with learning/course objectives and course outcomes were approved.	Incorporated into the curriculum for the final draft of the syllabus to be implemented w.e.f academic session July 2024 onwards.
2	M.Sc CBC/ PG052	CBC505	Enzymology	Minor content revised.	Changes incorporated into the curriculum.
3	M.Sc CBC/ PG052	CBC509	Fundamentals of Immunology	Minor content updated and revised.	Incorporated as suggested by the expert

	PG052				member.
4	M.Sc CBC/ PG052	CBC513	Physical Biochemistry	Course content approved with 3 credits instead 4.	Revised and updated into the scheme and course paper.
5	M.Sc CBC/ PG052	MMB521	Bioethics, Biosafety & Intellectual Property Right	Approved with the same code and content	Incorporated in the curriculum
6	M.Sc CBC/ PG052	EVS003	Natural Hazards & Disaster Management	Approved with the same code and content	Incorporated into the curriculum
7	M.Sc CBC/ PG052	CBC503	General Biochemistry Practical	List of experiments approved with 2 credits and 4 contact hours	Incorporated into the curriculum as suggested
8	M.Sc CBC/ PG052	CBC507	Enzymology Practical	List of experiments approved with 2 credits and 4 contact hours	Incorporated into the curriculum.
9	M.Sc CBC/ PG052	CBC511	Fundamentals of Immunology Practical	List of experiments approved with 1.5 credits and 3 contact hours	Amended and incorporated into the curriculum.
10	M.Sc CBC/ PG052	CBC502	Metabolism of Carbohydrates and Lipids	Course content approved with minor revision	Incorporated into the curriculum
11	M.Sc CBC/ PG052	CBC506	Clinical Biochemistry	Course content approved with minor revision	Incorporated into the curriculum
12	M.Sc CBC/ PG052	CBC510	Fundamentals of Molecular Biology	Course content approved with minor revision	Incorporated into the curriculum
13	M.Sc CBC/ PG052	CBC514	Automation in the Clinical Biochemistry Laboratory	A skill-based course of 2 credits is introduced to develop entrepreneurship skills as per professional needs	Incorporated into the final scheme of the present programme.
14	M.Sc CBC/ PG052	CBC516	Endocrinology	Approved with minor course content revision and added into Discipline Specific Elective Pool	Incorporated into DSE pool in the curriculum and implemented.
15	M.Sc CBC/ PG052	CBC518	Clinical Laboratory Organization and Management		
16	M.Sc CBC/ PG052	CBC520	Pharmacology Biochemistry		
17	M.Sc CBC/ PG052	MAT515	Biostatistics	Approved with the same code and content as an	Incorporated in the curriculum and

	PG052			interdisciplinary compulsory course	implemented.
18	M.Sc CBC/ PG052	CSE554	Introductory Concepts of Computer Technology		Incorporated in the curriculum as AECC as per the professional need.
19	M.Sc CBC/ PG052	CBC504	Metabolism of Carbohydrates and Lipids Practical	List of practicals revised and updated with 1.5 credits and 3 contact Hours	Suggestions incorporated into the curriculum and implemented.
20	M.Sc CBC/ PG052	CBC508	Clinical Biochemistry Practical	Approved with proposed content and credits.	Incorporated and implemented.
21	M.Sc CBC/ PG052	CBC512	Fundamentals of Molecular Biology Practical	List of practicals revised and updated with 1.5 credits and 3 contact Hours	Incorporated in the curriculum and implemented.
22	M.Sc CBC/ PG052	CSE556	Introductory Concepts of Computer Technology Practical	Skill-based new course added as per the professional need of industry and research in the clinical/allied healthcare field.	Incorporated in the curriculum as an Interdisciplinary course.
23	M.Sc CBC/ PG052	CBC601	Metabolism of Proteins and Nucleic acids	Approved with the proposed content and credits	Incorporated into the curriculum and implemented.
24	M.Sc CBC/ PG052	CBH605	General Physiology & Organ Function Test	Contents revised and updated	Incorporated into the curriculum and implemented.
25	M.Sc CBC/ PG052	CBC607	Applied Molecular Biology	Approved with the proposed content and credits	Incorporated into the curriculum and implemented.
26	M.Sc CBC/ PG052	CBH611	Biochemical Toxicology	Approved with the proposed content and credits as DSE courses	Incorporated into the curriculum and implemented.
27	M.Sc CBC/ PG052	CBC613	Nutritional Biochemistry		
28	M.Sc CBC/ PG052	CBC615	Nano-Biochemistry		
29	M.Sc CBC/ PG052	MMB615	Research Methodology	Approved with the proposed content and credits AECC course	Incorporated in the curriculum as an AECC
30	M.Sc CBC/ PG052	CBC603	Metabolism of Proteins and Nucleic acids Practical	Approved with the proposed content and credits	Incorporated into the curriculum and implemented.

31	M.Sc CBC/ PG052	CBC607	General Physiology & Organ Function Test Practical		
32	M.Sc CBC/ PG052	CBC609	Applied Molecular Biology Practical		
33	M.Sc CBC/ PG052	CBC623	Seminar/NPTEL course/ J. Club	Advanced NPTEL courses with at least 1 Credit may be opted as an alternative to Seminar.	Incorporated into the curriculum and implemented.
34	M.Sc CBC/ PG052	CBC602	Dissertation / Project Work	Proposed duration i.e six months of research project in any hospital/clinical settings or research institute was approved	Incorporated into the curriculum and implemented.

Besides above-mentioned suggestions, the subject experts suggested to add some more reference books in the prescribed text and reference book section.

The meeting ended with a vote of thanks by Dean UIS.

Thank you in anticipation


In-Charge/Coordinator/Head of the Department


Programme Coordinator


Dean of Institute



Sant Baba Bhag Singh University

(University Established under Punjab Act No.6 of 2015)
Vill. Khiala, P.O. Padhiana, Dist. Jalandhar, Punjab, INDIA

External Expert Review Performa For Board of Studies

Name of External Expert : Dr. Ashok Guru
Discipline : Clinical Pathology
Designation : Medical Officer
Organization (Name & Address) : GNSSC Hospital, Kalra
Contact No. :
E-Mail ID :
Date of Visit/Meeting : 13-05-2024

Reviewer's Comments :-

1. Overall scheme & syllabus of M.Sc. Clinical Biochemistry Program is well designed.
2. Minor content revision in few courses has been suggested
3. More courses relevant to competitive exams should be added into the curriculum.
4. For clinical exposure hospital visits must be included.
5. MOOC/SWAYAM courses must be a part of Discipline Specific Elective pool.

Signature

Date: 02.01.2024

Coordinator/HOD's/Dean's

Dean Academics

