



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 Botanical and Environment Sciences

Ref. No: SBBSU/UISH/21/37A

Date: 28/06/2021

Subject: Proceedings of Curriculum Development Committee (CDC) meeting of Department of Botanical and Environmental Sciences

The meeting of members of CDC was held on 28/06/2021, 11:00 am, room no. 523, at Block No. 5, to review the curriculum of M.Sc. (Hons.) Botany/PG029, PhD. Botany course work Discipline elective/PhD018 and interdisciplinary courses offered by the Department of Botanical and Environmental Sciences. The following members were present in the meeting.

S. No.	Name of the Faculty	Designation	Member	Signature
1	Dr. Vikas Sharma	Associate Professor and Dean UIS	Chairperson	
2	Dr. Indu Sharma	Associate Professor	Internal member	
3	Dr. Anil K Singh	Assistant Professor	Internal member	
4	Dr. Kumari Manisha	Assistant Professor	Internal member	
5	Dr. Vikrant Jaryan	HoD, Department of Botanical and Environmental Science	Member, Secretary	

Agenda for the Meeting:

- Revision of course curriculum of various programmes as per various stakeholders feedback
- Revision of interdisciplinary courses offered by the department
- Proposal of Expert panel for BoS and finalizing the schedule for the BoS meeting.

Detail of points discussed in the meeting

S. No.	Agenda	Decision
1.	Review/ Analysis of Feedback of the stakeholders	<ol style="list-style-type: none"> 1. The curricula were revised and redesigned on the basis of recent developments and necessity for upgradation as per the feedback received from the stakeholders (teachers, parents, alumni and employers) with major focus on employability, entrepreneurship and skill development. 2. The feedback received from all stakeholders in terms of its relevance and appropriateness in catering to the needs of the society, economy and environment was analyzed and the key pertinent points which could enhance the learning effectiveness of each programme were identified.



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2.	Action taken on the feedback of the stakeholders	<ol style="list-style-type: none">1. Accordingly, on the basis of feedback of stakeholders and above considerations, the action has been taken to revise the scheme and syllabus of the M.Sc. (Hons.) Botany (Programme code PG029), Ph.D. course work (Programme code PhD018) and interdisciplinary courses of environmental sciences and botany offered by the department after valuable suggestions of members of CDC at Departmental level.2. CDC members proposed the amendments of the nomenclature and subject codes of interdisciplinary environmental sciences and botany courses offered by the department.3. After extensive deliberations on the syllabus and exhaustive brainstorming, all the members of CDC have unanimously resolved to revise/redesign the syllabus, therefore, it shall be put up to the Board of Studies for consideration and approval.
3	Proposal to conduct BoS Meeting	<ol style="list-style-type: none">1. The CDC members proposed for the approval of M.Sc. (Hons.) Botany and interdisciplinary courses of Environment Sciences and Botany courses through BoS meeting.2. Tentative date of BoS meeting shall be considered on bases of approval and availability of experts as nominated by the competent authority3. HoD shall take necessary action for the same.


Dean UIS



Sant Baba Bhag Singh University, Jalandhar
Department of Botanical and Environmental Sciences

Ref. No. SBBSU/UISN/BOT/21/49

Date: 18/8/21

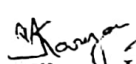
Proposal for conducting the BOS (Board of Studies) of Botanical and Environmental Sciences

Subject: Proposal for conducting the BOS (Board of Studies) of Botanical and Environmental Sciences

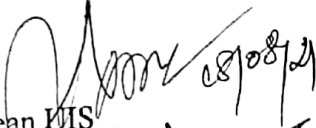
Respected Sir,

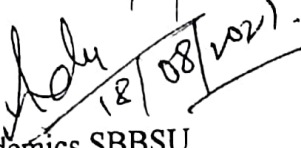
The department of Botanical and Environmental Sciences (UIS) wishes to conduct the BOS (Board of Studies) for the revision of the syllabus, course code, course credit and addition of new course in them M.Sc. (Hons.) Botany and Interdisciplinary Courses of Environmental Sciences offered by the department as per the feedback from the stake holders. Kindly, allow us to conduct the BOS.


Yours Sincerely


Dr. Vikrant Jaryan (COD)

Department of Botanical and Environmental Sciences


Dean UIS


Dean Academics SBBSU


Vice Chancellor SBBSU 18/8/21



Sant Baba Bhag Singh University, Jalandhar
Department of Botanical and Environmental Sciences

Name proposed for BOS

S. No.	Expert
1. ✓	Prof. (Dr.) Daizy Rani Batish, Chairperson, Department of Botany, Panjab University, Chandigarh
2. ✓	Prof. (Dr.) Harminder Singh Department of Environment Studies, Panjab University, Chandigarh
3.	Prof. (Dr.) Satwinder Kaur Department of Botanical and Environmental Sciences, Guru Nanak Dev University, Amritsar

First & Second & AS
Dr Daizy Rani
Harminder Singh
affirmed
18/8/21



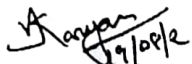
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The detailed agenda of the meeting will be as follow:

1. Discussion and approval of Course schemes & Syllabus of programme M.Sc. (Hons.) Botany (Programme code : PG029) for the admission 2021 onwards in accordance to the CBCS system
2. Discussion and approval of interdisciplinary courses of Environmental Sciences and Botany for UG and PG programmes of other departments inside the SBBS Campus.
3. Incorporation and revision of vision, mission, PO,PEO,PSO and CO into the syllabus.
4. Discussion on curriculum aspects on the basis of Feedback of stakeholders.
5. Amendments of any suggestions by the experts regarding scheme and syllabus.


Dr Vikrant Jaryan
HoD (Botanical and Environmental Sciences)


Dr. Vikas Sharma
Dean UIS, SBBSU



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Department of Botanical and Environment Sciences

Ref. No:

Date: 20/08/2021

Subject: Proceedings of the meeting of Board of Studies (BoS) of Department of Botanical and Environmental Sciences

The meeting of members of BoS was held on 20/08/2021, 11:00 am, at Block No. 5, SBBSU through blended (Online/Offline) mode. Prof. (Dr.) Daizy Rani Batish, Chairperson, Department of Botany, Panjab University, Chandigarh and Prof. (Dr.) Harminder Pal Singh, Department of Environment Studies, Panjab University were the external experts present through online mode. The following members were present and approved the points discussed below:

BoS meeting in Online Mode:						
S.No.	Name	Subject	Designation	Institute	Position	
1	Dr. Indu Sharma	Botany	Dean Academics, Associate Professor	SBBSU	Chairperson	<i>Indu</i> 20.08.2021
2	Dr. Vikas Sharma	Agriculture	Dean UIS, Associate Professor	UIS	Member	<i>Vikas</i>
3	Prof. (Dr.) Daizy Rani Batish	Botany	Chairperson and Professor	Department of Botany, Panjab University Chandigarh	Expert Member	<i>Daizy</i> 20/8/21
4	Prof. (Dr.) Harminder Pal Singh	Environment	Professor	Department of Environment Studies, Panjab University	Expert Member	<i>Har</i> 20/8/21
5	Dr. Vikrant Jaryan	Agriculture	Associate Professor, HoD, Botanical and Environmental Science,	UIS	Member	<i>V. Jaryan</i>
6	Dr. Anil K Singh	Agriculture	Assistant Professor	UIS	Internal Member	<i>Singh</i>



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7	Dr. Kumari Manisha	Agriculture	Assistant Professor	UIS	Internal Member	<i>Manish</i>
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Following points were discussed during the meetings

1. Approval of course scheme and syllabus of M.Sc. (Hons.) Botany with programme code PG029 for the admission of 2021 onwards
2. Approval of interdisciplinary courses of Botany and Environmental Science subjects offered by the department for the admissions 2021 onwards
3. Approval of discipline courses of Ph.D. course work with programme code PhD018 for the admission of 2021 onwards
4. Incorporation and revision of vision, mission, PO, PEO, PSO and CO into the syllabus.
5. Amendments were made in courses and curriculum on the bases of suggestions provided by experts and stakeholders

Positive comments by Experts

S. No.	Programme	Comments
1.	M.Sc. (Hons.) Botany	<ul style="list-style-type: none">• Syllabus is well structured and rich in content• It meet international standards and student centric
2.	Interdisciplinary courses of Botany and Environmental Science	<ul style="list-style-type: none">• Courses are flexible and high standard with rich in content

Vikrant Jaryan
20/08/21

Dr. Vikrant Jaryan

HoD (Botanical and Environmental Sciences) Dean UIS, SBBSU

Vikas Sharma

Dr. Vikas Sharma



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Proceedings in Detail

S.No	Programme Name/ Programme Code	Course Code	Course Name	Remarks by Experts	Action Taken
1.	M.Sc. (Hons.) Botany/PG029	BOT513	Practical Course on Plant Physiology and Biochemistry	To change the nomenclature of the course as per theory subjects.	The nomenclature was changed Practical Course on Water Relation, Growth, Development and Biochemistry
2.	M.Sc. (Hons.) Botany/PG029			To introduce the course of Natural hazards and Disaster management	A new course of 'EV003' Natural hazards and disaster management is introduced in elective in 4 th Sem with Code EVS003 'Natural Hazards and Disaster Management'
3.	M.Sc. (Hons.) Botany/PG029			To introduce the course of Technical writing and communication skills	A new course of 'BOT621' Technical Writing and communications skills in Research is introduced in 3 rd Semester
4.	Interdisciplinary subjects of Environmental Sciences offered by department to Engineering UG	EVS101	Environmental Sciences	Similar course with credits and non-credit cannot be offered with same nomenclature and codes to other departments.	Code of subjects is changed to 'EVS 001' because it is offered to other departments for UG courses and a new course is offered to UG Engineering



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	Programmes				streams with code 'EVS002' Environmental Studies
5.	Interdisciplinary subjects of Environmental Sciences offered by department to Engineering PG Programmes	EVS501	Disaster Management	Code of the course cannot be same with different credits	Code of the course is changed to 'EVS004'. This course is offered in M.Tech.
6.	Interdisciplinary subjects of Environmental Sciences offered by department to BSc (Hons.) Agriculture	AGR211	Environmental Studies and Disaster Management	Code of the Course to be change	Code of the Course is changed to 'EVS005'
7.	Interdisciplinary subjects of Environmental Sciences offered by department to PG Courses of Agriculture	EVS601	Disaster Management	Two courses with same nomenclature and different codes cannot be offered	The code and nomenclature of the course is changed to 'EVS006' Disaster Management and Risk Assessment
8.	Interdisciplinary subjects of Environmental Sciences offered by department to PG Courses	BOT001	Natural Hazards and Disaster Management	Code of the Course to be change	Code of the Course is changed to 'EVS003'
9.	Interdisciplinary subjects of Botany offered by department to PG Courses			New course of Biology is introduced for B.Tech. as per	New course of Biology with code 'BOT002' is introduced in the B.Tech. with 3



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					B.Tech. with 3 credits
10.	Interdisciplinary subjects of Botany offered by department to PG Courses			New course of Life Science is introduced for B.Tech. as per AICTE	New course of Life Science with code 'BOT233' is introduced in the B.Tech. with 1 credits and Life Science Practical with code 'BOT235' with 1 credits
11.	Ph.D. Botany /PhD018			Additional courses were introduced in discipline electives I and II of PhD Botany course work to give more flexibility to PhD student to choose courses according to their research interest	Advances in Mycology and Plant Pathology with code 'BOT907', Advances in Plant Ecology with code 'BOT909', Advances in Biotechnology with code 'BOT911' and 'BOT911' with code 'BOT913'
12.				Discussion regarding the suggestion provided by stakeholders and revision of PO, PEO, PSO and CO	Incorporation of suggestion provided by stakeholders and Revision of PO, PSO, CO in the curriculum

Kanpreet
20/08/21
HOD Botany



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Participants: rainish jassal, anil singh, manisha singh, Dean Academics SBBSU, Dabzy Rand, Dean Academics SBBSU, Harinder Pal Singh, You

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Participants: Dabzy Rand, Harinder Pal Singh, manisha singh, Dean Academics SBBSU, anil singh, rainish jassal, You

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Ref. No. SBBSU/PA/21/150

Date: 19/08/2021

Invitation Letter

To

Prof. (Dr.) Harminder Pal Singh
Department of Environment Studies
Panjab University, Chandigarh

Subject: Invitation for Board of Studies Meeting in the Department of Botanical and Environmental Sciences, SBBSU

Dear Sir,

This is to bring to your kind notice that meeting of Board of Studies (BOS) for Department of Botanical and Environmental Sciences (Institute: UIS), SBBSU, Khiala, Jalandhar is going to be held on 20th Aug. 2021. You have been nominated as an external subject 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. (Hons.) Botany and interdisciplinary courses of Environmental Sciences and Botany subjects offered by the department in UG and PG Programmes inside the campus of SBBSU. Your experience and expertise will be of great help to the Department and University.

Due to the uncertain pandemic COVID-19 situation and advisories of State/Centre Govt. as well as UGC/MHRD, the BOS meeting will be conducting through online mode. Therefore you are requested to kindly spare your valuable time to participate in the same on 20/08/2021 (Friday) at 11:00 am.

Regards

(Dr. Indu Sharma)
Dean Academics



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Ref. No. SBBS/DA/21/151

Date: 19/08/2021

Invitation Letter

To

Prof. (Dr.) Daizy Rani Batish
Chairperson,
Department of Botany
Panjab University

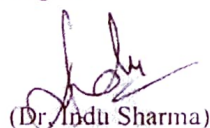
Subject: Invitation for Board of Studies Meeting in the Department of Botanical and Environmental Sciences, SBBSU

Dear Madam,

This is to bring to your kind notice that meeting of Board of Studies (BOS) for Department of Botanical and Environmental Sciences (Institute: UIS), SBBSU, Khiala, Jalandhar is going to be held on 20/08/2021 (Friday). You have been nominated as an external subject 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. (Hons.) Botany and interdisciplinary courses of Environmental Sciences and Botany offered by the department in UG and PG Programmes inside the campus of SBBSU. Your experience and expertise will be of great help to the Department and University.

Due to the uncertain pandemic COVID-19 situation and advisories of State/Centre Govt. as well as UGC/MHRD, the BOS meeting will be conducting through online mode. Therefore you are requested to kindly spare your valuable time to participate in the same on 20/08/2021 (Friday) at 11:00 am.

Regards


(Dr. Indu Sharma)
Dean Academics



Sant Baba Bhag Singh University

(University Established under Punjab Act No. 6 of 2013)

Vill. Khiala, P.O. Padhiana, Dist. Jalandhar, Punjab, INDIA

External Expert Review Performa For Board of Studies

Name of External Expert : Professor Daizy R. Batish
Discipline : Botany
Designation : Professor
Organization (Name & Address) : Department of Botany, Panjab University,
Chandigarh
Contact No. : 9815603706
E-Mail ID : daizybatish@yahoo.com
Date of Visit/Meeting : 20-8-2021

Reviewer's Comments :-

The course scheme and syllabus of MSc (Hons.) Botany with programme code PG029 is in accordance with CBCS, UGC. The syllabus content is quite enriched, meet international standards and student centric. It will fulfill the learning needs of the students. Hence it is duly approved and for the admission of 2021 onwards.

Daizy

Signature

DAIZY R. BATISH

Date.....20-8-21

Daizy
Coordinator/HOD's/Dean's

Daizy
20-08-2021
Dean Academics

External Expert Review Performa For Board of Studies



Sant Baba Bhag Singh University

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

External Expert Review Performa For Board of Studies

Name of External Expert : Professor Harminder Pal Singh
Discipline : Environment Studies
Designation : Professor
Organization (Name & Address) : Department of Environment Studies, Panjab
University, Chandigarh
Contact No. : 9878942694
E-Mail ID : hpsingh_01@yahoo.com
Date of Visit/Meeting : 20-8-2021

Reviewer's Comments :-

The interdisciplinary courses of Botany and Environmental Science subjects offered by the department of Botanical and Environmental Sciences are also approved for the admissions 2021 onwards as these courses are well in the interest of the students, flexible and are of high standards.

Harminder
Signature

(H.P. Singh)

Date.....20/8/21

Kanya 20/08/21
Coordinator/HOD's/Dean's

Shiv 20.08.2021
Dean Academics



Sant Baba Bhag Singh University

(University Established under Punjab Act No. 6 of 2013)
VIII, Khiala, P.O. Padhlana, Dist. Jalandhar, Punjab, INDIA

External Expert Review Performa For Board of Studies

Name of External Expert : Professor Harminder Pal Singh
Discipline : Environment Studies
Designation : Professor
Organization (Name & Address) : Department of Environment Studies, Panjab
University, Chandigarh
Contact No. : 9878942694
E-Mail ID : hpsingh_01@yahoo.com
Date of Visit/Meeting : 20-8-2021

Reviewer's Comments :-

The course scheme and syllabus of MSc (Hons.) Botany with programme code PG029 is quite well-structured and rich in content. It is of global standards and will benefit learning of the students. It is duly approved and for the admission of 2021 onwards.

Harminder
Signature
(H. P. Singh)

Date...20/8/21....

[Signature]
20/08/21
Coordinator/HOD's/Dean's

[Signature]
20.08.2021
Dean Academics

External Expert Review Performa For Board of Studies

Name of External Expert : Professor Harminder Pal Singh



Sant Baba Bhag Singh University

(University Established under Punjab Act No.0 of 2013)
Vill. Khiala, P.O. Padhlana, Dist. Jalandhar, Punjab, INDIA

External Expert Review Performa For Board of Studies

Name of External Expert : Professor Daizy R. Batish
Discipline : Botany
Designation : Professor
Organization (Name & Address) : Department of Botany, Panjab University,
Chandigarh
Contact No. : 9815603706
E-Mail ID : daizybatish@yahoo.com
Date of Visit/Meeting : 20-8-2021

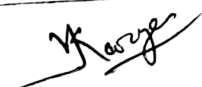
Reviewer's Comments :-

The interdisciplinary courses of Botany and Environmental Science subjects offered by the department of Botanical and Environmental Sciences stand approved as these courses are quite enriched and are of high standards for the admissions 2021 onwards.

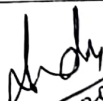

Signature

DAIZY R BATISH

Date... 20-8-21



Coordinator/HOD's/Dean's


20.08.2021
Dean Academics