

SANT BABA BHAG SINGH UNIVERSITY

University Institute of Computer Application and Information Science

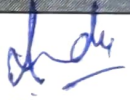



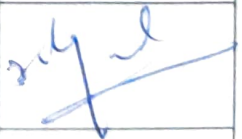



Ref. No: SBBSU/CSA21/188






Dated: 23 July 2021

Subject: Proceedings of the meeting of Board of Studies (BoS) of Department of Computer Science and Applications/Animation and Multimedia.

The meeting of members of BoS was held on **23 July 2021, 11.00AM**, at UICA&IS, Sant Baba Bhag Singh University through blended (**Online/Offline**) mode (Google Meet). Dr Pooja Dhand and Dr Roopali Sood were the external experts present through Online mode.

The following members were present and approved the points discussed below:

S.No	Name	Subject	Designation	Institute	Position	Signature
1.	Dr. Indu Sharma	Science	Dean Academics	SBBSU	Chairperson	
2.	Dr. Seema Garg	Law	Dean UICAIS	UICAIS	Member	
3.	Dr Pooja Dhand	CSA	Associate Professor	Lyallpur Khalsa College Technical Campus	External Member	
4.	Dr Roopali Sood	CSA	Assistant Professor	Apeejay Institute of Fine Arts	External Member	
5	Dr Umesh Sehgal	Computer Applications	HoD & Associate Professor	UICAIS	Member Secretary	
6.	Er. Gurpreet Singh	Computer Applications	CoD & Assistant Professor	UICAIS	Member	
7	Dr Pooja Chopra	Computer Applications	Assistant Professor	UICAIS	Member	
8	Dr Saurabh Sharma	Computer Applications	Assistant Professor	UICAIS	Member	

9	Mr. Priyank Arora	Computer Applications	Assistant Professor	UICAIS	Member	
10	Mr. Sukwinder Singh	Animation and Multimedia	In charge Animation and Multimedia	UICAIS	Member	
11	Mr. Sanjiv Kumar	Animation and Multimedia	Assistant Professor	UICAIS	Member	
12	Ms Harjit Kaur	Computer Applications	Assistant Professor	UICAIS	Member	
13	Ms. Parampreet Kaur	Computer Applications	Alumni	SBBSU	Member	

1. Approval of course scheme and syllabus of BCA & BCA(LEET) having Programme Code UG002 for the admissions 2021 onwards
2. Approval of course scheme and syllabus of B.Sc (IT) & B.Sc(IT) LEET having Programme Code UG003 for the admissions 2021 onwards
3. Approval of course scheme and syllabus of B.Sc. (Animation and Multimedia) having Programme Code UG001 for the admissions 2021 onwards.
4. Approval of course scheme and syllabus of MCA having Programme Code PG001 as per the guidance of AICTE for the admissions 2021 onwards
5. Approval of course scheme and syllabus of M.Sc.(IT) Programme Code PG002 as per the guidance of AICTE for the admissions 2021 onwards
6. Approval of bridge courses scheme and syllabus for MCA Programme Code PG001 as per the guidance of AICTE for the admissions 2021 onwards
7. Approval of course scheme and syllabus of DCA & PGDCA Programme Code Dip002 and Dip003 for the admissions 2021 onwards
8. Approval of revised course scheme and syllabus of Interdisciplinary Courses: Introduction of Computer, Computer Programming, Internet Applications and Operating System.
9. Approval of revised Program Educational Objectives (PEOs), Programme Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (CO) of all programs.
10. Incorporations of the amendments of suggested by the experts regarding scheme and syllabus.

11. Incorporations of feedback of stockholders (Teachers, Students and Employees) for the revision and design of syllabus.

Proceedings in Detail

S.No.	Programme Name/ Programme Code	Course Code	Course Name	Remarks by Experts	Action Taken
1.	BCA & BCA (LEET)/ UG002	CSA207	System Analysis and Design	Contents need to be revised as per IT needs.	Incorporated in the curriculum by modifying the contents.
2.	BCA & BCA (LEET)/ UG002 B.Sc.(IT) & B.Sc.(IT) LEET UG003	CSA202, CSA206, CSA208, CSA210	Fundamentals of Computer Graphics, Programming in PHP, Fundamentals of Computer Graphics Lab, Programming in PHP Lab	Contents need to be revised as per IT needs.	Incorporated in the curriculum by modifying the contents.
3.	BCA & BCA (LEET)/ UG002	CSA301, CSA305	Python, JAVA	Same category courses may be distributed in different semester (JAVA and Python).	Incorporated in the curriculum. The course name 'Python' is shifted to third semester.
4.	B.Sc.(IT) & B.Sc.(IT) LEET/ UG003	CSA133, CSA137	Introduction to Programming Language, Introduction to Programming Language Lab	Contents need to be revised as per IT needs.	Incorporated in the curriculum by modifying the contents.
5.	B.Sc.(IT) & B.Sc.(IT)	CSA134	Data Communication	Change the course Name	Incorporated in the curriculum.

	LEET/ UG003		and Networks	as it is already exist in M.Sc.(IT).	
6.	MCA/ PG001	MAT609	Mathematical Foundation in Computer Science	Course Code needs to be revised.	Incorporated in the curriculum by changing the Course Code from 'MAT609' to 'MAT551'.
7.	MCA, M.Sc.(IT)/ PG001, PG002	EVS001	Environmental Science	Needs to be replaced as it is already taught in Bachelor Degree.	Incorporated in the curriculum by introducing 'EVS003' Natural Hazards and Disaster Management
8.	MCA, M.Sc.(IT)/ PG001, PG002	CSA520, CSA605,C SA609,CS A516,CSA 528,CSA53 0	Ruby on Rail,Python,Sof t Computing, Image and Speech Recognition and Cloud Computing	Needs to be replaced as it is already taught in Bachelor Degree.	Incorporated in the curriculum by introducing Ruby Programming, Programming with Python, Android Programming, Computational Intelligence, Computer Vision and Cloud Computing Concepts.
9.	MCA/PG00 1	CSA602	Professional Core course (Industrial Training and Project)	The Course type of Industrial Training Project is changed to TP	Incorporated in the curriculum with 24 hours and 16 credits are mentioned also.
10.	M.Sc.(IT)/ PG002	CSA558, CSA562	Object Oriented Programming Structures and	Course contents and syllabus with	Modified the syllabus and contents with

			Object Oriented Programming Structures Lab	name to be modified	renamed as Object Oriented Programming Structures with C++ and Object Oriented Programming Structures with C++ Lab.
11.	M.COM/PG 004	CSA511	Workshop in IT Application in Commerce	Course Code needs to be modified	Incorporated in the curriculum by replacing Course Code CSA511 to CSA515
12.	MBA/PG006	CSA631 to CSA638	'Database Management and Administration, Management Information System, Legal Aspects of IT Business, Software Project Management, Data Center Management, Knowledge Management, E-Customer Relationship Management, Big Data Analytics	Introduce MBA (IT) specialization in two domain	Incorporate in the curriculum by offering MBA (IT) specialization within two domains: Database Management and Data Analytics. The following are the courses that are introduced for third semester specialization of MBA students.'CSA631' 'Database Management and Administration', CSA633' 'Management Information System', 'CSA635' 'Legal

					Aspects of IT Business', 'CSA637' 'Software Project Management', 'CSA632' 'Data Center Management', 'CSA634' 'Knowledge Management', 'CSA636' 'E-Customer Relationship Management' and 'CSA638' 'Big Data Analytics' are the courses that are offering for fourth semester specialization.
13.	BCA & BCA (LEET)/ UG002 B.Sc.(IT) & B.Sc.(IT) LEET UG003			BCA and B.Sc. (IT) Degree having total credits more than 150, as per CBCS under the guidelines of UGC, it may be not more than 140-145.	The total credits of both degrees are declined to 144 credits.
14.	B.Sc.(AM)/ UG001	AM103 to AM326	All subjects	Scheme and syllabus needs to be revised according to the need of animation and multimedia	Scheme and syllabus is revised according to the need of animation and multimedia

				industry	industry.
15.	B.Sc.(AM)/ UG001			In B.Sc. (AM), minimum 12 core courses maybe introduced.	Point has been considered while framing the curriculum. Three new core courses are introduced in the curriculum.
16.	B.Sc.(AM)/ UG001	AM104, AM208,	Graphic Tools, Introduction to Web Development	In B.Sc. (AM), the scripting language courses may be introduced as B.Sc.(AM) related techniques are used for web development now-a-days.	AM104 Graphic Tools and AM208 Introduction to Web Development Scripting Language Courses are introduced.

The following are the **appreciated points** regarding the curriculum in the **BOS 2021** meeting:

1. Syllabus of the courses is based on learning outcomes and is well framed.
2. MCA syllabus is highly advanced and its specialization is according to the industrial needs.
3. Specialization courses introduced in the curriculum are according to the need of IT industry.
4. Skill Enhancement and Discipline Specific Elective are well differentiated.
5. The Minor Project, Major Project reports in written format helps the students in enhancing their writing skills.
6. The Syllabus and curriculum of MBA (IT) specialization offered by CSA department are highly appreciated.

Meeting ended with Vote of Thanks by Dr Indu Sharma, Dean Academics.


CoD, CSA


HoD, CSA


Dean UICAIS



Sant Baba Bhag Singh University

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

Vill. Khinda, P.O. Padhlana, Dist. Jalandhar, Punjab, INDIA

External Expert Review Performa For Board of Studies

Name of External Expert : Dr. Koopal Sood
Discipline : Computer Science
Designation : Head, Comp. Sc. D.T.
Organization (Name & Address) : Arjun College of Fine Arts,
Jalandhar
Contact No. : 98881-05542
E-Mail ID : koopali.sood@yahoo.com
Date of Visit/Meeting : 23rd July, 2021

Reviewer's Comments :-

Curriculum is well framed and is as per industry need.

Suggestion for BSc IT

Digital Marketing & Commerce courses should be included

- few subjects like Python & Java to be Blended in separate semesters

- Total credits for BSc IT to be Normalized

① Scripting language to be introduced

② Gaming related course to be introduced

③ few technical aspects of Photography & Camera

❖ Use extra sheet(s) if required. Handing should be incorporated.

() Signature

Date : 27/7/2021

Coordinator/HOD's/Dean's

Dean Academics

Sant Baba Bhag Singh University

(University Established under Punjab Act No. 6 of 2015)
VIII, Khlala, P.O. Padhlana, Dist. Jalandhar, Punjab, INDIA

External Expert Review Performa For Board of Studies

Name of External Expert

...DR. POOJA DHAND...

Discipline

...COMPUTER SCIENCE...

Designation

...ASSOCIATE PROFESSOR...

Organization (Name & Address)

...LKLTC...

Contact No.

...98724-76060...

E-Mail ID

...hodyee@lklengg.edu.in, psojakt@lklengg.edu.in...

Date of Visit/Meeting

...23rd July 2021...

Reviewer's Comments :-

- ① Syllabus of the courses is based on LO and well framed
- ① IP may be scattered across semesters
- ① C&A and DE may be taught in diff sem.
- ① B.A and B.Sc(IT) credit score is more than 150
- ① 12 core courses to be introduced in B.Sc (AM)

❖ Use extra sheet(s) if required.

Pooja Dhand
Signature

Date 23rd July 2021

Coordinator/HOD's/Dean's

Dean Academics

SANT BABA BHAG SINGH UNIVERSITY

University Institute of Computer Applications and Information Science

Computer Science and Application Department

Animation & Multimedia Department

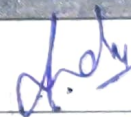
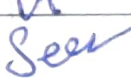
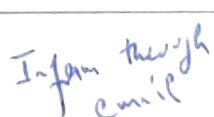
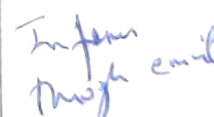
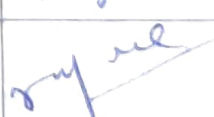
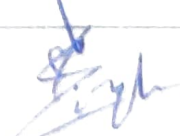


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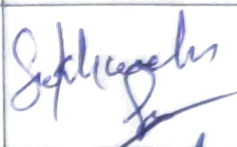
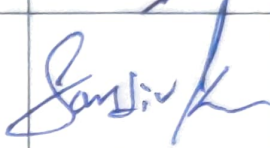
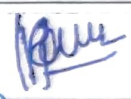
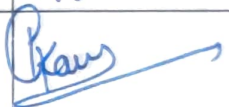
Dated: 22/07/2021

MEETING CIRCULAR


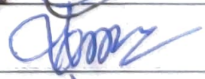

It is my pleasure to inform you that you have been appointed as a member of Board of Studies (BoS) for the under-graduate and post-graduate courses of Computer Science and Applications/Animation and Multimedia department.

List of the BoS members is given below:

S.No	Name	Subject	Designation	Institute	Position	Signature
1.	Dr. Indu Sharma	Science	Dean Academics	SBBSU	Chairperson	
2.	Dr. Seema Garg	Law	Dean UICAIS	UICAIS	Member	
3.	Dr Pooja Dhand	CSA	Associate Professor	Lyallpur Khalsa College Technical Campus	External Member	
4.	Dr Roopali Sood	CSA	Assistant Professor	Apeejay Institute of Fine Arts	External Member	
5	Dr Umesh Sehgal	Computer Applications	HoD & Associate Professor	UICAIS	Member Secretary	
6.	Er. Gurpreet Singh	Computer Applications	CoD	UICAIS	Member	
7	Dr Pooja Chopra	Computer Applications	Assistant Professor	UICAIS	Member	
8	Dr Saurabh Sharma	Computer Applications	Assistant Professor	UICAIS	Member	

9	Mr Priyank Arora	Computer Applications	Assistant Professor	UICAIS	Member	
10	Mr Sukwinder Singh	Animation and Multimedia	In charge Animation and Multimedia	UICAIS	Member	
11	Mr Sanjiv Kumar	Animation and Multimedia	Assistant Professor	UICAIS	Member	
12	Ms Harjit Kaur	Computer Applications	Assistant Professor	UICAIS	Member	
13	Ms. Parampreet Kaur	Computer Applications	Alumni	SBBSU	Member	

Members from the other Institutes of SBBSU are as follow:

S.No.	Designation	Position	Signature
1.	Dean UIET/His or Her representative	Member	
2.	Dean UIE/ His or Her representative	Member	
3.	Dean UISH/ His or Her representative	Member	
4.	Director, Training and Placement	Member	

You are requested to attend the meeting on **July 23th, 2021 (Friday) at 11:00 AM via Online Mode.**

Google Meet Link:- meet.google.com/zge-eaad-miv


CoD CSA


HoD CSA


Dean UICA&IS

SBBSU/VC/21/938
dt 20/7/2021

CSA

SANT BABA BHAG SINGH UNIVERSITY
University Institute of Computer Application and Information Science
Computer Science and Application Department

Ref. No: SBBSU/CSA/21/185

Date: 16/07/2021

To,

The Vice-Chancellor, (Through Deputy Dean Academics)

Sant Baba Bhag Singh University,

Khiala, Jalandhar

Subject: For the approval of the experts for BOS of CSA Department.

Respected Sir,

The Department of Computer Science and Applications wishes to conduct the BOS of BCA, B.Sc. (IT), MCA, M.Sc. (IT), DCA, PGDCA, B.Sc (AM) on 23/07/2021 at 10.00 pm.

Sr.No	Name of Expert	Designation	Department	University
1	Dr Baldev Singh	Professor & Principal	Computer Science and Application	Lyallpur Khalsa college, Kapurthala
2	Dr Puja Dhand	Associate Professor	Computer Science and Application	Lyallpur Khalsa Technical Campus, Jalandhar

3	Dr Gaurav Gupta	Associate Professor	Computer Science	Punjabi University
4	Dr Gurjit Singh	Associate Professor	Computer Science	Punjabi University
5	Dr Vishal Goyal	Associate Professor	Computer science & Application	Panjab University, Chd
6 ✓	Dr Rupali Sood	Assistant Professor	Computer science & Application	Apeejay College of Fine Arts, Jalandhar
7	Mr. Monu Sharma	Assistant Professor	Animation Department	Chandigarh University, Chd
8	Mr. Gagan	Manager	IT Marketing Project In charge	Solitaire Infosys, Chandigarh
9	Mr. Gurmeet	Founder, EESPL	Founder	EESPL, Chandigarh
10	Mr. Harwinder Sharma	Manager, Digital Marketing	In charge	Infosys, Chandigarh

Thanking You,
Er. Gurpreet Singh

Dr Seema Garg

(CoD, CSA)

(Dean, UICAIS)

At least two experts may kindly be nominated to conduct BOS meeting (preferably through offline mode) for CSA Dept. TA/DA and Honorarium may be paid as per SRSU norms forwarded to Hon'ble VC Sir, please. Online meeting Serial No 2 x 6 approved 16/7/21 16.07.2021.

SANT BABA BHAG SINGH UNIVERSITY
University Institute of Computer Application and Information Science
Computer Science and Application Department

Ref. No: SBSU/CSA 21/184

Date: 16/07/2021

To,

Vice-Chancellor, (Through Deputy Dean Academics)

Sant Baba Bhag Singh University,

Khiala, Jalandhar

Subject: To seek approval of conducting BOS of CSA

Respected Sir,

The Department of Computer Science and Applications wishes to conduct the BOS for BCA, B.Sc. (IT), MCA, M.Sc. (IT), DCA and PGDCA, B.Sc (AM) as the syllabus had 7 to be reframed according to the feedback taken from the stakeholders. Kindly allow us to conduct BOS on 23 July, 2021 (10.00AM).

Thanking You

Yours Sincerely


Er. Gurpreet Singh

(CoD, CSA)


Dr Seema Garg

(Dean, UICAIS)

For revision of course curriculum, permission to conduct BOS meeting on 23/07/2021 may kindly be given. Forwarded to Hon'ble VC Sir, please.

(11)

Shaly
16/07/2021