Anekant Education Society's

Tuljaram Chaturchand College of Arts, Science,Commerce, Baramati

(Autonomous)

DEPARTMENT OF COMPUTER SCIENCE

(Faculty of Science and Technology)

Minutes of Board of Studies Meeting No.6

Date of Meeting: 11/04/2022

Venue: Department of Computer Science

April, 2022

Anekant Education Society's

Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati

(Autonomous)

Department of Computer Science

AGENDA OF THE MEETING

The agenda of the meeting included the following subjects:

1. To confirm the minutes of the previous meeting held on 10 Dec.2021.
2. To design and approve course and credit structure for the B.Sc.(CS) and M. Sc. (CS) programme in accordance with 2022 pattern.
3. To prepare and approve curriculum of F.Y.B.Sc.(CS) Semester-I (2022 pattern) to be implemented from the academic year 2022-2023.
4. To prepare and approve curriculum of M.Sc.(CS)-I Semester-I (2022 pattern) to be implemented from the academic year 2022-2023.
5. To prepare and approve curriculum of certificate courses for UG and PG programmes as per 2022 pattern.
6. To discuss and incorporate the relevant feedbacks of the stakeholders (students, teachers, parents, alumni and employers) in the curriculum.
7. Any other issue with the permission of the chair.

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Anekant Education Society's

Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati (Autonomous)

Department Of Computer Science

Online Board of Studies Meeting Attendance Date: 11/04/2022

Sr. No.	Name of the Member	Role	Sign
1.	Mr. Upendra Choudhari	Chairman	Attended
2.	Dr. Vilas Kardile	Member	Attended
3.	Mr. Abhijeet Mankar	Member	Attended
4.	Mr. Vishal Shaha	Member	Attended
5.	Mrs. Prajakta Kulkarni	Member	Attended
6.	Mrs. Asmita Bhagat	Member	Attended
7.	Mr. Rahul Shah	Member	Attended
8.	Mr. Shashikant Nakate	Member	Attended
9.	Mr. Purushottam Dixit	Member	Attended
10.	Mr. Swapnil Chemte	Member	Attended
11.	Mrs. Kalyani Londhe	Member	Attended
12.	Mrs. Poornima Gavimath	Member	Attended
13.	Dr. Kavita A. Khobragade	Member (Expert from SPPU, Pune)	Attended
14.	Dr. Sudhakar Bhoite	Member (Expert from Shivaji University, Kolhapur)	Attended online Google meet
15.	Dr. Suhas S. Satonkar	Member (Expert from SRTMU, Nanded)	Attended online Google meet
16	Mr. Rohit Shah	Member (Industry Representative Project Manager**,** Barclays,Pune)	Attended online Google meet
17	Mr. Yogesh More	Member (Meritorious Alumni)	**Absent.**

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Anekant Education Society's

Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati (Autonomous)

Department of Computer Science

Board of Studies Meeting

Absentee Report Date: 11/04/2022

Sr. No.	Name of the Member	Role
1.	Mr. Yogesh More	Member (Meritorious Alumni)

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MINUTES OF THE MEETING

The meeting of Board of Studies in Computer Science was successfully held on 11th April, 2022 at 11:00 am in the Department of Computer Science, T. C. College, Baramati. The meeting took place both online and offline, adhering to the guidelines and protocols set by the college under the guidance of Mr. Upendra D. Choudhari, Chairman of the Board of Studies in Computer Science, the meeting commenced with a warm welcome to all the esteemed members, followed by a brief introduction of the meeting's objectives

During the meeting, fruitful discussions were held on the items mentioned in the circulated agenda. We are pleased to inform you that the following resolutions were made during the BOS meeting.

1. To confirm the minutes of the previous BOS meeting held on 10 Dec.2021.

Mr. Upendra D. Choudhari read the minutes of the previous BOS meeting held on 10th December 2021 and put forward to the BOS members for the approval.

Resolution No. 1: The minutes of the previous Board of Studies meeting were approved and confirmed.

2. To design and approve course and credit structure for the B.Sc.(CS) and M. Sc. (CS) programme in accordance with 2022 pattern.

The Board of Studies (BOS) members meticulously designed and crafted the curriculum for Semester I of the FYBSc(CS) program well in advance of the BOS meeting. This preliminary draft was then shared with all BOS members for their input and suggestions to enhance its quality. Mr. U.D.Choudhari explained detailed credit structure of B.Sc.(Comp.Sci.) and M.Sc. (Comp. Sci.).

In light of the constructive suggestions offered by the BOS members, the curriculum structure underwent necessary revisions. After thorough deliberation and careful consideration, the curriculum of following courses was presented for approval during the BOS meeting.

Course structure B.Sc. (Computer Science) 2022 pattern
(with effect from June 2022) Academic Year 2022-2023)

Sem	Paper Code	Title of Paper	No. of Credits	Type	Marks
F.Y.B.Sc.(Comp. Science) Sem I, II (with effect from June 2022)					
I	UCSCO111	Basic Programming using C	2	Theory	60 + 40
	UCSCO112	DBMS-I	2	Theory	60 + 40

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	UCSCO113	Lab. Course I : Basic programming using C	2	Pract.	60 + 40
	UCSCO114	Lab. Course II : DBMS I	2	Pract.	60 +40
II	UCSCO121	Advanced Programming using C	2	Theory	60 + 40
	UCSCO122	DBMS-II	2	Theory	60 + 40
	UCSCO123	Lab. Course I : Advanced Programming using C	2	Pract.	60 + 40
	UCSCO124	Lab. Course II : DBMS II	2	Pract.	60 + 40
		Physical Education	2	-----	-----
S.Y.B.Sc.(Comp. Science) Sem III, IV W.e.f. 2023-2024					
III	UCSCO231	Data Structure using C	3	Theory	60 + 40
	UCSCO232	Introduction to Web Technology	3	Theory	60 + 40
	UCSCO233	Lab. Course I : based on UCSCO231	2	Pract.	60 + 40
	UCSCO234	Lab. Course II : based on UCSCO232	2	Pract.	60 +40
		Certificate Course I, Environment Science	2 2		
IV	UCSCO241	Object Oriented Concepts using Java	3	Theory	60 + 40
	UCSCO242	Software Engineering Principles and Techniques	3	Theory	60 + 40
	UCSCO243	Lab Course based on UCSCO241	2	Pract.	60 + 40
	UCSCO244	Lab Course based on UCSCO242 with Mini Project	2	Pract.	60 + 40
		Certificate Course II			
T.Y.B.Sc.(Comp. Science) Sem V, VI (W.e.f. 2024-2025)					
V	UCSCO351	System Programming &Operating System	3	Theory	60 + 40
	UCSCO352	Theoretical Computer Science	3	Theory	60 + 40
	UCSCO353	Foundation of Computer Networking	3	Theory	60 + 40
	UCSCO354	Basics of Web Development	3	Theory	60 +40
	UCSCO355	Advanced Programming in Java	3	Theory	60 + 40
	UCSCO356	Object Oriented Software Engineering	3	Theory	60 + 40
	UCSCO357	Lab Course I: Based on UCSCO351	2	Pract.	60 + 40
	UCSCO358	Lab Course II: Based on UCSCO355	2	Pract.	60 + 40
	UCSCO359	Lab Course III: Based on UCSCO354	2	Pract.	60 + 40

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		Certificate Course III	2	Pract.	60 + 40
VI	UCSCO361	Advanced Operating System	3	Theory	60 + 40
	UCSCO362	Compiler Construction	3	Theory	60 +40
	UCSCO363	Higher layers of Computer Network & Network Security	3	Theory	60 + 40
	UCSCO364	Advanced Web Development	3	Theory	60 + 40
	UCSCO365	Advanced Java Technologies – Frameworks	3	Theory	60 + 40
	UCSCO366	Software Metrics & Project Management	3	Theory	60 + 40
	UCSCO367	Lab Course I: Based on UCSCO361	2	Pract.	60 + 40
	UCSCO368	Lab Course II: Based on UCSCO365 & Mini Project using JAVA	2	Pract.	60 + 40
	UCSCO369	Lab Course III: Based on UCSCO364 & Mini Project using PHP.	2	Pract.	60 + 40
	An Educational Trip conduct in this semester.				

Course structure M.Sc. (Computer Science) 2022 pattern

(with effect from June 2022) Academic Year 2022-2023)

Paper wise Course Structure For M.Sc. (Computer Science) (2019 Pattern)

No	Class	Sem	Code	Paper	Paper Title	Credit	Exam	Marks
1	M.Sc. - I	I	PSCS111	Theory	Principles of Programming Language (C)	4	I / E	60 + 40
2			PSCS112	Theory	Cryptography and Cyber Forensics(C)	4	I / E	60 + 40
3			PSCS113	Theory	Database Technologies (C)	4	I / E	60 + 40
4			PSCS114	Theory	Design and Analysis of Algorithms(C)	4	I / E	60 + 40
5			PSCS115	Theory	Dot Net Framework& C# (C)	4	I / E	60 + 40
6			PSCS116	Pract.	Lab Course on Dot Net, PPL,DBT&DAA(C)	4	I / E	60 + 40
7			HR1	----	Human Rights – I	2	----	----
8			CYS1	----	Introduction to Cyber Security – I	2	----	----
Note: Credit: 24. Core subjects is compulsory and Extra credits (2+2=4) is also compulsory.								
9	M.Sc. - I	II	PSCS121	Theory	Digital Image Processing	4	I / E	60 + 40
10			PSCS122	Theory	Data Mining and Data Warehousing	4	I / E	60 + 40
11			PSCS123	Theory	Emerging Technologies: Python Programming	4	I / E	60 + 40
12			PSCS124	Theory	Dot Net (Advanced): ASP.NET Core using	4	I / E	60 + 40

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					MVC.			
13			PSCS125	Pract.	Lab course on Dot Net and Python	4	I / E	60 + 40
14			PSCS126	Pract.	Project	4	I / E	60 + 40
15			PSCS127 (A) Or PSCS127 (B)	Theory	Artificial Intelligence Or Advanced Operating System	4	I / E	60 + 40
16			CYS-102	----	Introduction to Cyber Security – II	2	----	---
Note: : Credit: 28. Core subjects is compulsory and Extra credits (2) is also compulsory.								
17	M.Sc. - II	III	PSCS231	Theory	Software Architecture & Design Pattern	4	I / E	60 + 40
18			PSCS232	Theory	Soft Computing	4	I / E	60 + 40
19			PSCS233	Theory	Data Science and Analytics	4	I / E	60 + 40
20			PSCS234	Theory	Web Services Architecture Using Dot Net Framework	4	I / E	60 + 40
21			PSCS235 (A) OR PSCS235 (B)	Theory	Emerging Technologies -Python Programming – II (Advanced) **(Elective) OR** Emerging Technologies - R Programming –I (C) **(Elective)**	4	I / E	60 + 40
22			PSCS236	Pract.	Lab Course on PSCS133, 134 & PSCS135(A)	4	I / E	60 + 40
23			PSCS237	Pract.	Project	4	I / E	60 + 40
24			CON	----	Introduction to Constitution	2	----	----
25			SD-23	----	Skill Development – I	2	----	----
Note: Credit: 28. Core subjects is compulsory and Extra credits (2+2) is also compulsory.								
26	M.Sc. - II	IV	PSCS241	Project	Industrial Training/ Institutional Project **(IT) (Core)**	16	I / E	60 + 40
27			SD-24	----	Skill Development – II	2	----	----
Note: Credit:16. Core subject is compulsory, **Total Credits: Academic Credits (24+28+28+16 = 96) + Extra Credits (10) = 106**								

Resolution No. 2: The curriculum Course Structure for for FYBSc(CS) and M.Sc.(CS) (2022 pattern) has been unanimously approved by all members of the BOS.

3. To design and approve curriculum of F.Y.B.Sc.(CS) Semester-I (2022 pattern) to be implemented from the academic year 2022-2023.

The Board of Studies (BOS) members meticulously designed and crafted the curriculum for F.Y.B.Sc.(Comp.Sci.) Semester I (2022 pattern) program well in advance of the BOS

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meeting. This preliminary draft was then shared with all BOS members for their input and suggestions to enhance its quality. During the meeting, Mr. Abhijeet Mankar presented the curriculum on a course-by-course basis, and the recommendations and valuableinsights provided by the BOS members were thoughtfully incorporated into the curriculum. During the discussion, some minor changes were suggested by the board members. The board thoroughly discussed and finalized the syllabus for the courses of F.Y.B.Sc.(Comp.Sci.) Semester I (2022 pattern).

Course Structure for F.Y.B.Sc.(Computer Science) (2022 Pattern)

Sr. No.	Class	Pattern	Sem	Course Code	Course Title	Course Type	Credits
1	F.Y.B.Sc .(C.S.)	2022	I	UCSCO111	Basic Programming using C	Theory	2
2				UCSCO112	DBMS-I	Theory	2
3				UCSCO113	Lab. Course I : Basic programming using C	Practical	2
4				UCSCO114	Lab. Course II : DBMS I	Practical	2
5			II	UCSCO121	Advanced Programming using C	Theory	2
6				UCSCO122	DBMS-II	Theory	2
7				UCSCO123	Lab. Course I: Advanced Programming using C	Practical	2
8				UCSCO124	Lab. Course II : DBMS II	Practical	2
9					Physical Education	--	2
10					Democracy, Election & Governance	--	2

Resolution No. 3: The curriculum for F.Y.B.Sc.(Comp.Sci.) Semester I (2022 pattern) has been unanimously approved by all members of the BOS.

4. To design and approve curriculum of M.Sc. (CS)-I Semester-I (2022 pattern) to be implemented from the academic year 2022-2023.

The Board of Studies (BOS) members meticulously designed and crafted the curriculum for M.Sc.(Comp.Sci.) Semester I (2022 pattern) program well in advance of the BOS meeting. This preliminary draft was then shared with all BOS members for

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their input and suggestions to enhance its quality. During the meeting, Dr.V.V. Kardile presented the curriculum on a course-by-course basis, and the recommendations and valuable insights provided by the BOS members were thoughtfully incorporated into the curriculum. During the discussion, some minor changes were suggested by the board members. The board thoroughly discussed and finalized the syllabus for the courses of M.Sc.(Comp.Sci.) Semester I (2022 pattern).

Course Structure for M.Sc. (Computer Science)-I Semester –I (2022 Pattern)

Class	Patt.	Sem	Course Code	Course Title	Course Type	Credits
M.Sc. (C.S.) I	2022	I	PSCS111	Principles of Programming Language(C)	Theory	4
			PSCS112	Cryptography and Cyber Forensics(C)	Theory	4
			PSCS113	Database Technologies(C)	Theory	4
			PSCS114	Design and Analysis of Algorithms(C)	Theory	4
			PSCS115	DotNet Framework & C#(C)	Theory	4
			PSCS116	Lab Course on Dot Net, PPL, DBT& DAA(C)	Practical	4
			HR1	Human Rights– I	----	2
			CYS1	Introduction to Cyber Security– I	----	2

Note: Credit:24. Core subjects are compulsory and Extra credits (2+2=4) is also compulsory.

Resolution No. 4: The curriculum for M.Sc.(Comp.Sci.) Semester I (2022 pattern)has been unanimously approved by all members of the BOS.

5. **To design and approve curriculum of certificate courses for UG and PG programmes as per 2022 pattern.**

The Board of Studies (BOS) members meticulously designed and crafted the curriculum of Certificate courses for B.Sc. (Comp.Sci.) and M.Sc.(Comp.Sci.) (2022 pattern) program.

Resolution No. 5: The curriculum of Certificate for B.Sc.(Comp.Sci.) and M.Sc.(Comp.Sci.) (2022 pattern) program. has been unanimously approved by all members of the BOS.

6. **To discuss and incorporate the relevant feedbacks of the stakeholders (students, teachers, parents, alumni and employers) in the curriculum.**

The Chairman initiated the discussion by highlighting the importance of incorporating

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feedback from both Alumni and current students in the syllabus design process. The department created a curriculum feedback form and distributed it to students, teachers, parents, alumni, and employers. Subsequently, the stakeholders filled out the feedback forms. It was noted that their insights and suggestions would greatly contribute to creating a curriculum that aligns with the needs and expectations of the students. Therefore, the BOS members reviewed the feedback and suggestions given by the alumni and students and incorporated the relevant suggestions into the curriculum of F.Y.B.Sc.(Comp.Sci.) and M.Sc.(Comp.Sci.).

Resolution No. 6: Considered and Approved

7. Any other issue with the permission of the chairperson.

The following agenda items were added as additional items to the Board of Studies (BOS) meeting.

7 (i) Conduct the workshop and seminars as per curriculum by industry expert and consider it for internal evaluation.

Resolution No. 7 (i): Considered and Approved

The meeting of BOS concluded with the vote of thanks by Ms. P.P. Kulkarni

Mr. Upendra D. Choudhari
Chairman
Board of Studies Computer Science

21/4/2022
IQAC Coordinator
Coordinator
Internal Quality Assurance Cell
Tuljaram Chaturchand College of
Arts,Science and Commerce,
Baramati (Pune)-413102

Principal
Principal
Tuljaram Chaturchand College
Baramati

TULJARAM CHATURCHAND COLLEGE BARAMATI

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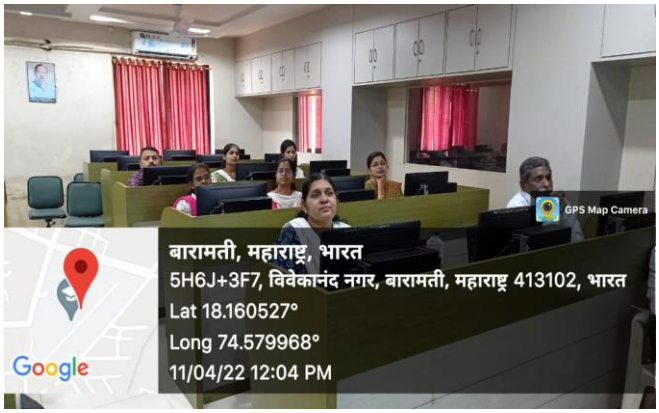
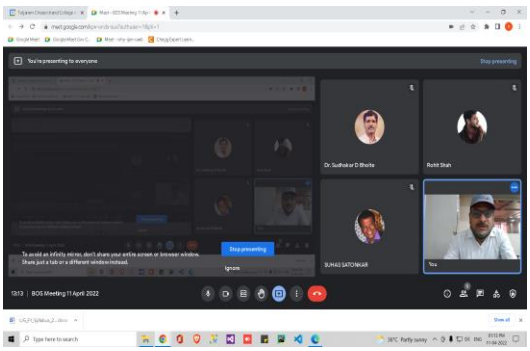
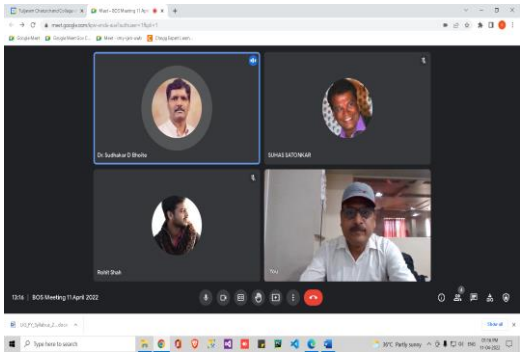
Photos of Meeting 11.4.2022



Screenshots of meeting attended through online





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