



Anekant Education Society's

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

DEPARTMENT OF COMPUTER SCIENCE

(Faculty of Science and Technology)

Minutes of Board of Studies Meeting No. 2

Date of Meeting: 03/09/2019

Venue: Department of Computer Science

September, 2019

Anekant Education Society's
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
(Autonomous)

Department of Computer Science

AGENDA OF THE MEETING

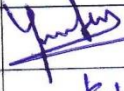
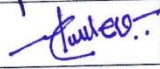


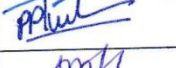
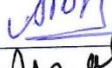
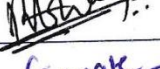
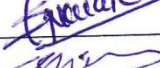

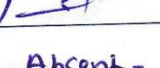
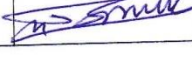
The agenda of the meeting included the following subjects:

1. To confirm the minutes of the previous meeting held on 9th April, 2019.
2. To design and approve syllabus of the second semester syllabus of B.Sc.(C.S.) and M.Sc.(C.S.) of 2019 pattern.
3. To design and approve B.Sc. and M.Sc. Practical assignment structure of second semester.
4. To design and approve the syllabi of certificate courses to be implemented in the second semester from the academic year 2019-2020.
5. To design and approve the online courses.
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 chairperson.

Anekant Education Society's
Tuljaram Chaturchand College
of Arts, Science and Commerce, Baramati
(Autonomous Status)
Department Of Computer Science

Board of Studies Meeting

Attendance Date: 03/09/2019

Sr. No.	Name of the Member	Role	Sign
1.	Mr. Upendra Choudhari	Chairman	
2.	Mr. Vilas Kardile	Member(Adhoc)	
3.	Mr. Abhijeet Mankar	Member	
4.	Mr. Vishal Shaha	Member(Adhoc)	
5.	Mrs. Prajakta Kulkarni	Member(Adhoc)	
6.	Mrs. Asmita Bhagat	Member(Adhoc)	
7.	Mr. Rahul Shah	Member(Adhoc)	
8.	Mr. Shashikant Nakate	Member(Adhoc)	
9.	Mrs. Salma Shaikh	Member(Adhoc)	
10.	Mr. Purushottam Dixit	Member(Adhoc)	
11.	Dr. S. N. Shinde	Member (Expert from SPPU, Pune)	- Absent -
12.	Dr. Pravin L. Yannawar	Member (Expert from BAMU, Aurangabad)	- Absent -
13.	Dr. Rahul Jadhav	Member (Expert from Bharti Vidyapeeth, Karad)	- Absent -
14.	Mr. Preetam Yadav	Member (Industry Representative CEO, Xento Systems, Pune)	- Absent -
15.	Mr. Yogesh More	Member(Meritorious Alumni)	

Anekant Education Society's
**Tuljaram Chaturchand College of Arts, Science and Commerce,
Baramati
Autonomous Status
Department of Computer Science**

Board of Studies Meeting

Absentee Report

Date: 03/09/2019

Sr. No.	Name of the Member	Role
1.	Mr. Preetam Yadav	Member (Industry Representative CEO, DB Xento Systems, Pune)
2.	Dr. S. N. Shinde	Member (Expert from SPPU, Pune)
3.	Dr. Pravin L. Yannawar	Member (Expert from BAMU, Aurangabad)
4.	Dr. Rahul Jadhav	Member (Expert from Bharati Vidyapeeth, Karad)

MINUTES OF THE MEETING

The meeting of Board of Studies in Computer Science was successfully held on 3rd September, 2019 at 11:00 am in the Department of Computer Science, T. C. College, Baramati. The meeting took place both offline under the guidance of Mr. Upendra D. Choudhari, Chairman of the Board of Studies in Computer Science. Initially Chairman Mr. U.D. Choudhari welcome and introduced all the members. In the meeting there was discussion about detailed second semester syllabus of F.Y.B.Sc.(C.S.). Mr. V.V.Shaha explained the syllabus contents of F.Y.B.Sc.(C.S.) Paper-I. Mrs. Shaikh explained the contents of F.Y.B.Sc.(C.S.) Paper-II. Mr. Yogesh More suggested about Industry 4.0. Practical examination slip format was also discussed. At the end, Mr. A.D. Mankar gave vote of thanks and concluded the meeting.

1. To confirm the minutes of the previous BOS meeting held on 09/04/2019.

Mr. Upendra D. Choudhari read the minutes of the previous BOS meeting held on 9th April 2019 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 credit structure for the Second Semester of F.Y.B.Sc.(CS) and M. Sc. (CS) programme in accordance of 2019 pattern.

The Board of Studies (BOS) members meticulously designed and crafted the curriculum for Semester II of the F.Y.B.Sc.(Comp.Sci.) 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.

B.Sc.(Computer Science) Academic Year 2019-2020**- F.Y.B.Sc. (Computer Science) Credit Structure -**

Subject	Semester I				Semester II				Total
	Paper		Practical Paper		Paper		Practical Paper		
	I	II	III	IV	I	II	III	IV	
Computer Science	2	2	2	Grade	2	2	2	Grade	12
Mathematics	2	2	2	---	2	2	2	---	12
Electronics	2	2	2	---	2	2	2	---	12
Statistics	2	2	2	---	2	2	2	---	12
Physical Education	---	---	---	---	---	---	---	---	2

Total Number of Credits = 48(Core) + 2 (Physical Education) = 50

1 Theory Credit = 18 Lectures

- S.Y.B.Sc. (Computer Science) Credit Structure -

Subject	Semester I				Semester II				Total
	Paper		Practical Paper		Paper		Practical Paper		
	I	II	III	IV	I	II	III	IV	
Computer Science	3	3	2	Grade	3	3	2	Grade	16
Mathematics	3	3	2	---	3	3	2	---	16
Electronics	3	3	2	---	3	3	2	---	16
English	3	---	---	---	3	---	---	---	6
Evs.	---	---	---	---	---	---	---	---	4
Certificate Courses	2				2				4

Total Number of Credits = 54 (Core) + 4 (EVS) + 4 (Certificate Courses) = 62

1 Theory Credit = 16 Lectures

**- T.Y.B.Sc. (Computer Science) Credit Structure -
Semester V**

Subject	Theory						Practical			Total
	I	II	III	IV	V	VI	Lab Course I	Lab Course II	Lab Course III	
Computer Science	3	3	3	3	3	3	2	2	2	24
Certificate Courses	2									2

**- T.Y.B.Sc. (Computer Science) Credit Structure –
Semester VI**

Subject	Theory						Practical			Total
	I	II	III	IV	V	VI	Lab Course I	Lab Course II	Lab Course III	
Computer Science	3	3	3	3	3	3	2	2	2	24
Certificate Courses	2									2

Total Number of Credits = 48 (Core) + 4 (Certificate Courses) = 52

1 Theory Credit = 16 Lectures

B.Sc. (Computer Science): Total credits = 50 + 62 + 52 = 164

M.Sc. (Computer Science) I - Credit Structure

Subject	Semester I	Semester II	Total
Paper – I	4 (Core)	4 (Core)	8
Paper – II	4 (Core)	4 (Core)	8
Paper – III	4 (Core)	4 (Core)	8
Paper - IV	4 (Core)	4 (Elective)	8
Paper – V	4 (Core)	4 (Elective)	8
Practical	4 (Core)	4 (Core)	8
Practical (Project)	---	4 (Elective)	4
Intro. to Cyber Security – I & II	2	2	4
Human Rights	2	--	2
Certificate Course- I	--	2	2
Total =====	28	32	60

M.Sc. (Computer Science) II - Credit Structure

Subject	Semester III	Semester IV	Total
Paper – I	4 (Core)	4 (Elect) (Opt)	4
Paper – II	4 (Core)	4 (Elect) (Opt)	4
Paper – III	4 (Core)	-----	4
Paper - IV	4 (Elective)	Industrial Training Project (IT) 16	8
Paper – V	4 (Elective)		8
Practical / Paper VI (Sem IV)	4 (Core)		8
Practical (Project)	4 (Elective)		8

Certificate Course- II	2	--	2
Skill Development I & II	2	2	4
			2
Total =====	32	18	50

Extra Credits:

1	Human Rights	2 Credits
2	Cyber Security Module I & II	4 Credits
3	Certificate Courses	4 Credits
4	Skill Development	4 Credits
Total Extra Credits =		14 Credits

Note: Core subject is compulsory, if students had completed 80 credits within three semesters then no need to select any elective course at IV Semester otherwise students should select appropriate number of elective course to minimum complete 96 credits.

Total Credits: Academic Credits(24+28+28+16 = 96) + Extra Credits (14) = 110

Resolution No. 1: The curriculum course structure for F.Y.B.Sc.(CS)and M.Sc.(CS) Semester II (2019 pattern) has been unanimously approved by all members of the BOS.

3. To design and approve curriculum of F.Y.B.Sc.(CS) Semester-II (2019 pattern) to be implemented from the academic year 2019-2020.

The Board of Studies (BOS) members meticulously designed and crafted the curriculum for F.Y.B.Sc.(Comp.Sci.) Semester II (2019 pattern) 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. 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 II (2019 pattern).

Course Structure for F.Y.B.Sc.(C.S.) 2019 Pattern

Sr. No.	Class	Pattern	Sem	Course Code	Course Title	Course Type	Credits
1	F.Y.B.Sc.(C.S.)	2019	I	CSCO1101	Basic Programming using C	Theory	2
2		2019		CSCO 1102	DBMS – I	Theory	2

3		2019		CSCO1103	Lab Course – I Basics on C	Practical	2
4		2019		CSCO1104	Lab Course – II Based on DBMS I	Practical	Grade
5		2019	II	CSCO 1201	Advanced Programming using C	Theory	2
6		2019		CSCO 1202	DBMS – II	Theory	2
7		2019		CSCO 1203	Lab Course – I Basics on Advanced C	Practical	2
8		2019		CSCO1204	Lab Course– II Basics on DBMS II (PL/PgSql)	Practical	Grade

Along with Computer Science subject, Electronics, Statistics, Mathematics each has 2 theory courses and 1 practical course for 2 credits.

Resolution No. 3: The curriculum for F.Y.B.Sc.(Comp.Sci.) Semester II(2019 pattern)has been unanimously approved by all members of the BOS.

4. To design and approve curriculum of M.Sc.(CS)-I Semester-II (2019 pattern) to be implemented from the academic year 2019-2020.

The Board of Studies (BOS) members meticulously designed and crafted the curriculum for M.Sc.(Comp.Sci.) Semester II (2019 pattern) 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. During the meeting, after fruitful 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 II (2019 pattern).

Course Structure for M..Sc.(C.S.) – Semester – I & II (2019 Pattern)

Sr. No.	Class	Pattern	Sem	Course Code	Course Title	Course Type	Credits
1	M.Sc.(C.S.)-I	2019	I	COMP4101	Principles of Programming Languages (C)	Theory	4
2				COMP4102	Cryptography & Network Security(C)	Theory	4
3				COMP4103	Database Technologies (C)	Theory	4
4				COMP4104	Design and	Theory	4

					Analysis of Algorithms (C)		
5				COMP4105	Programming with DOT NET (C)	Theory	4
6				COMP4106	Lab Course on DOT NET, PPL & Database Technologies (C)	Practical	4
7				HR-101	Human Right	Theory	2
8				CYS-101	Introduction Cyber Security – I	Theory	2
9			II	COMP4201	Digital Image Processing (C)	Theory	4
10				COMP4202	Data Mining and Data Warehousing (C)	Theory	4
11				COMP4203	Python Programming (C)	Theory	4
12				COMP4204	Advanced Operating System (Elective I)	Theory	4
13				COMP4205	Lab Course on Python Programming and Advance Operating System (C)	Practical	4
14				COMP4206	Project (Elective II)	Practical	4
15				COMP4207	Artificial Intelligence (Elective III)	Theory	4
16				COMP4208	Modeling and Simulation (Elective IV)(op)	Theory	4

17				CYS-102	Introduction Cyber Security – II	Theory	2
18				CC-12	Certificate Course – I	Theory	2

Resolution No. 4: The curriculum for M.Sc.(Comp.Sci.) Semester II (2019 pattern) has been unanimously approved by all members of the BOS.

5. To design and approve practical assignment structure and syllabi of certificate courses to be implemented of second semester for UG and PG programmes as per 2019 pattern.

The Board of Studies (BOS) members meticulously designed and crafted the practical assignment structure and syllabi of certificate courses for second semester of B.Sc.(Comp.Sci.) and M.Sc.(Comp. Sci.) (2019 pattern) program.

Resolution No. 5: The practical assignment structure and syllabi of certificate courses for second semester for B.Sc.(Comp.Sci.) and M.Sc.(Comp.Sci.) (2019 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 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 the second semester 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 Mr. A. D. Mankar.



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



IQAC Coordinator
Coordinator
Internal Quality Assurance Cell
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Principal
Principal
Tuljaram Chaturchand College
Baramati