**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.10

### Date of Meeting: 19/10/2023

### Venue: Department of Computer Science

October, 2023

**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 08 June 2023.

2. To design and approve curriculum of F.Y.B.Sc.(CS) Semester II (2023 pattern as per NEP-2020) to be implemented from the academic year 2023-2024.

3. To design and approve curriculum of M.Sc.(CS)-I Semester II (2023 pattern as per NEP-2020) to be implemented from the academic year 2023-2024.

4. To design and approve curriculum of S.Y.B.Sc.(CS) Sem-IV (2022 pattern) to be implemented from the academic year 2023-2024.

5. To design and approve curriculum of M.Sc.(CS)-II Sem-IV (2022 pattern) to be implemented from the academic year 2023-2024.

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 chairman

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Anekant Education Society's

# Tuljaram Chaturchand College

Of Arts, science and commerce, Baramati

(Autonomous)

(Affiliated to Savitribai Phule Pune University, Pune)

## Department of Computer Science

Attendance for the meeting of the Board of Studies in Computer Science to be held on 19th October, 2023 at 11.30 am.

| Sr. No. | Name of the Member | Signature |
|---|---|---|
| 1 | Dr. Upendra Choudhari | |
| 2 | Dr. Vilas Kardile | |
| 3 | Mr. Abhijeet Mankar | |
| 4 | Mr. Vishal Shaha | |
| 5 | Mr. Rahul Shah | AB (on leave) |
| 6 | Mrs. Prajakta Kulkarni | PPkul |
| 7 | Mrs. Asmita Bhagat | |
| 8 | Mr. Purushottam Dixit | |
| 9 | Dr. Shashikant Nakate | |
| 10 | Mr. Swapnil Chemate | |
| 11 | Ms. Kalyani Londhe | Klondhe |
| 12 | Mrs. Poornima Swami | Poornima |
| 13 | Dr. Ms. Kavita Khobragade (SPPU Representative) | KKhobragade |
| 14 | Dr. Sudhakar Bhoite (Shivaji University Representative) | online Joined. |
| 15 | Dr. Suhas Satonkar (SRTU Representative) | online Joined. |
| 16 | Mr. Rohit Shah (Representative from Industry) | AB |
| 17 | Mr. Yogesh More (Alumni Representative) | AB. |
| 18 | Mr. Abhijit Chopade (PG Student Representative) | online joined |
| 19 | Miss. Rutuja Harihar (PG Student Representative) | AB |
| 20 | Mr. Prajwal Nimbalkar (UG Student Representative) | Prajwal |
| 21 | Miss. Akshada Kulkarni (UG Student Representative) | AB |

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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: 19/10/2023

|      | **Name of the Member** | **Role** |
|------|------------------------|----------|
| 1.   | Mr. Rohit Shah         | Member (Industry Representative Project Manager, Barclays,Pune |
| 2    | Mr. Rahul Shah         | Member |
| 3.   | Mr. Yogesh More        | Member (Meritorious Alumni) |
| 4    | Ms. Rutuja Harihar     | PG Student Representative |
| 5    | Ms. Akshada Kulkarni   | UG Student Representative |

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# MINUTES OF THE MEETING

The meeting of Board of Studies in Computer Science was successfully held on 19th October, 2023 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 08 June 2023.**

Mr. Upendra D. Choudhari read the minutes of the previous BOS meeting held on 08th June 2023 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 curriculum of F.Y.B.Sc.(CS) Semester-II (NEP-2023 pattern) to be implemented from the academic year 2023-2024.**

The Board of Studies (BOS) members meticulously designed and crafted the curriculum for F.Y.B.Sc.(Comp.Sci.) Sem.II ,(NEP-2023 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, Mr. Abhijeet Mankar 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 F.Y.B.Sc.(Comp.Sci.) Semester II (NEP-2023 pattern).

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**Course Structure for F.Y.B.Sc.(Computer Science) (NEP-2023 Pattern)**

| Sr.No. | Class | Pattern | Sem | Course Code | Course Title | Course Type | Credits |
|---|---|---|---|---|---|---|---|
| 1 | F.Y.BSc.(CS) | NEP-2023 | II | COS-151-MJM | Advanced Programming Using C | Major Mandatory | 2 |
| 2 | F.Y.BSc.(CS) | NEP-2023 | II | COS-152-MJM | Relational Database Management System | Major Mandatory | 2 |
| 3 | F.Y.BSc.(CS) | NEP-2023 | II | COS-153-MJM | Computer Science Practical | Major Mandatory | 2 |
| 4 | F.Y.BSc.(CS) | NEP-2023 | II | COS-161-MN(D) | Computer Fundamentals | Minor (for Others) | 2 |
| 5 | F.Y.BSc.(CS) | NEP-2023 | II | COS-166-OE | Advanced MS-Excel | Open Elective (OE) | 2 |
| 6 | F.Y.BSc.(CS) | NEP-2023 | II | COS-167-OE | E-Banking | Open Elective (OE) | 2 |
| 7 | F.Y.BSc.(CS) | NEP-2023 | II | COS-171-VSC | Database Applications using PL/pgSQL | Vocational Skill Course (VSC) | 2 |
| 8 | F.Y.BSc.(CS) | NEP-2023 | II | COS-176-SEC | Basic Graphics Design using C | Skill Enhancement Course (SEC) | 2 |
| 9 | F.Y.BSc.(CS) | NEP-2023 | II | COS-185-VEC | Digital and Technological Solutions | Value Education Course (VEC) | 2 |

*Resolution No. 2:* The curriculum for F.Y.B.Sc.(Comp.Sci.) Semester II (NEP-2023 pattern) has been unanimously approved by all members of the BOS.

**3. To design and approve curriculum of M.Sc. (CS)-I Semester-II (NEP-2023 pattern) to be implemented from the academic year 2023-2024.**

The Board of Studies (BOS) members meticulously designed and crafted the curriculum for M.Sc. (Comp.Sci.) Semester II (NEP-2023 pattern) program well in advance of the BOS meeting. This

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preliminary draft was then shared with all BOS members for 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 II (NEP-2023 pattern).

**Course Structure for M.Sc.(Computer Science)-I Semester –II (NEP-2023 Pattern)**

| Class | Pattern | Sem | Course Code | Course title | Course Type | Credits |
|---|---|---|---|---|---|---|
| M.Sc.(CS) | NEP-2023 Pattern | II | COS-551-MJM | Digital Image Processing | Major Mandatory | 4 |
| M.Sc.(CS) | NEP-2023 Pattern | II | COS-552-MJM | Data Mining and Data Warehousing | Major Mandatory | 4 |
| M.Sc.(CS) | NEP-2023 Pattern | II | COS-553-MJM | Basic Python Programming | Major Mandatory | 2 |
| M.Sc.(CS) | NEP-2023 Pattern | II | COS-554-MJM | Advanced Dot Net | Major Mandatory | 2 |
| M.Sc.(CS) | NEP-2023 Pattern | II | COS-561-MJE (A) OR COS-561-MJE (B) | Artificial Intelligence OR Advanced Concepts in Operating System | Major Elective | 4 |
| M.Sc.(CS) | NEP-2023 Pattern | II | COS-581-OJT/FP | On Job Training / Field Projects. | OJT/FP | 4 |

**Note: Credit:20. Core subjects are compulsory and Extra credits (2+2=4) is also compulsory.**

*Resolution No. 3:* The curriculum for M.Sc. (Comp.Sci.) Semester II (NEP-2023 pattern) has been unanimously approved by all members of the BOS.

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**4. To design and approve curriculum of S.Y.BSc.(CS) Semester-IV (2022 pattern) to be implemented from the academic year 2023-2024.**

| Class | Pattern | Semester | Course Code | Course title | Course Type | Credits |
|---|---|---|---|---|---|---|
| S.Y.B.Sc.(CS) | 2022 | IV | UCSCO241 | Object Oriented Concepts using Java | Theory | 3 |
| S.Y.B.Sc.(CS) | 2022 | IV | UCSCO242 | Software Engineering | Theory | 3 |
| S.Y.B.Sc.(CS) | 2022 | IV | UCSCO243 | Lab. Course I : based on UCSCO241 | Practical | 2 |
| S.Y.B.Sc.(CS) | 2022 | IV | UCSCO244 | Lab. Course II : based on UCSCO242 & Mini Project | Practical | 2 |

***Resolution No. 4:*** The curriculum for S.Y.B.Sc.(Comp.Sci.) Semester IV (2022 pattern) has been unanimously approved by all members of the BOS.

5. **To design and approve curriculum of M.Sc. (CS) Semester-IV (2022 pattern) to be implemented from the academic year 2023-2024.**

| Sr.No | Class | Pattern | Semester | Course Code | Course title | Course Type | Credits |
|---|---|---|---|---|---|---|---|
| 1 | M.Sc.(CS) | 2022 | IV | PSCS241 | Industrial Training/ Institutional Project (IT) | Project | 16 |
| 2 | M.Sc.(CS) | 2022 | IV | SD-24 | Skill Development – II | | 2 |

***Resolution No. 5:*** The curriculum for M.Sc.(Comp.Sci.) Semester IV(2022 pattern) has been unanimously approved by all members of the BOS.

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**Following courses focus on incorporating employability, entrepreneurship and skill development topics in the curriculum.**

| Class | Course Code | Course Title | Skills Incorporated |
|-------|-------------|--------------|---------------------|
| F.Y.B.Sc. (Comp. Science) | COS-151-MJM | Advanced Programming Using C | Programming |
| | COS-152-MJM | Relational Database Management System | Employability |
| | COS-166-OE | Advanced MS-Excel | Employability |
| | COS-176-SEC | Basic Graphics Design using C | Employability |
| S.Y.B.Sc. (Comp. Science) | UCSCO242 | Software Engineering | Professional Ethics, Employability, Entrepreneurship. |
| | UCSCO241 | Object Oriented Concepts using Java | Programming |
| M.Sc. (Comp. Science) | COS-553-MJM | Basic Python Programming | Programming, Employability, |
| | COS-554-MJM | Advanced Dot Net | Professional Ethics, Employability, Entrepreneurship. |

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 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.

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

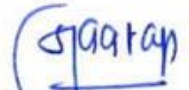*Resolution No. 7 (i):* Considered and Approved

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

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Principal

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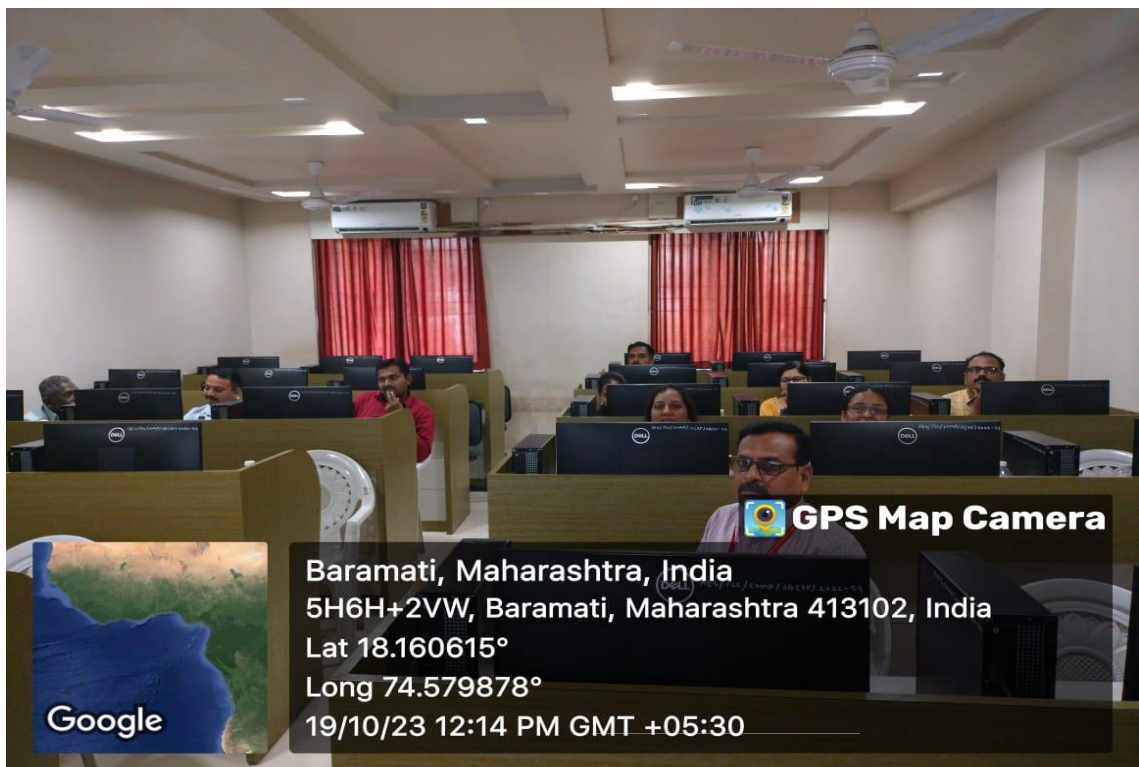
Photos of Meeting 19.10.2023


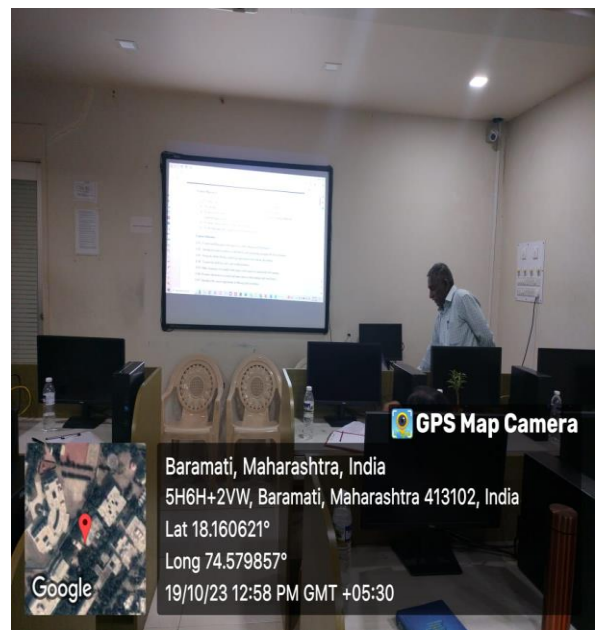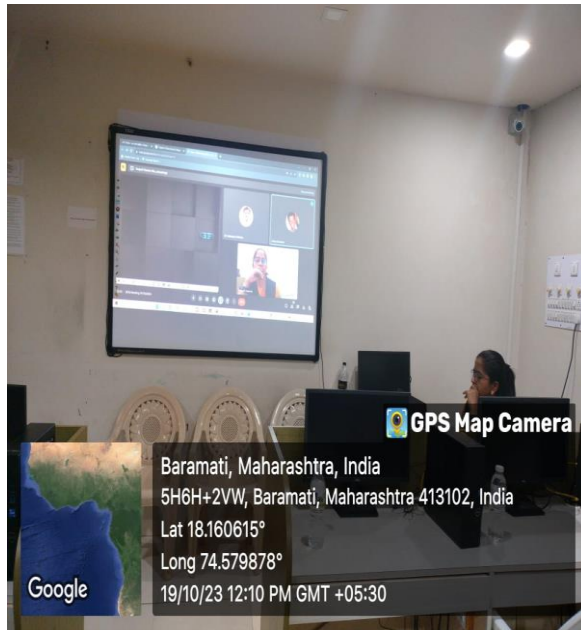
Felicitation of Dr. Kavita Khobragade (Rep. SPPU, Pune)



BoS members present at meeting held on 19.10.2023

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BoS member Presented the course contents

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