Anekant Education Society's

Tuljaram Chaturchand College
of Arts, Science, Commerce, Baramati

(Autonomous)

DEPARTMENT OF ELECTRONICS
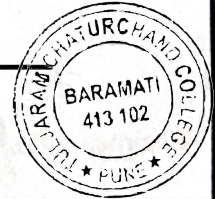
(Faculty of Science and Technology)

Minutes of Board of Studies Meeting No.9

Date of Meeting: 21/10/2023

Venue: Department of Electronics

October, 2023

Anekant Education Society's

Tuljaram Chaturchand College of Arts, Science, Commerce, Baramati

(Autonomous)

Department of Electronics

NOTICE

Date: 25/09/2023

Board of Studies Meeting

All members of the Board of Studies in Electronics are hereby informed that, as per Notice No. 207 dated 15/09/2023 issued by the college, our BOS meeting is organised on 21st October 2023 at 12.00 pm in Department of Electronics. As esteemed members of the board, your presence and input during the meeting would be greatly appreciated.
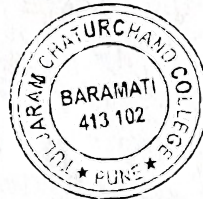
The agenda of the meeting included the following subjects:

1. To confirm the minutes of the previous meeting held on 9/6/2023
2. To prepare and approve curriculum of F. Y. B. Sc. and F. Y. B.Sc. (Comp. Science) Semester II (2023 pattern as per NEP) to be implemented from the academic year 2023-2024.
3. To prepare and approve curriculum of M.Sc. I. Semester II (2023 pattern as per NEP) to be implemented from the academic year 2023-2024.
4. To prepare and approve curriculum of S. Y. B. Sc. and S. Y. B. Sc. (Comp. Science) Semester IV (2022 pattern) to be implemented from the academic year 2023-2024.
5. To prepare and approve curriculum of M.Sc. II. Semester 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 matter with the permission of the chair.

Please acknowledge by email and attend the meeting on time and share your valuable views, ideas and knowledge.

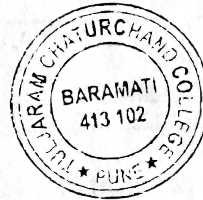Chairman BOS in Electronics

Principal

Anekant Education Society's

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Department of Electronics

AGENDA OF THE MEETING

The agenda of the meeting included the following subjects:

1. To confirm the minutes of the previous meeting held on 9/6/2023

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

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

4. To prepare and approve curriculum of S. Y. B. Sc. and S. Y. B.Sc. (Comp. Science) Semester IV (2022 pattern) to be implemented from the academic year 2023-2024.

5. To prepare and approve curriculum of M.Sc. II. Semester 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.

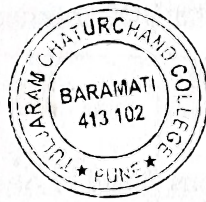7. Any other matter with the permission of the chair.

List of Members Presented for the BOS Meeting

The following internal and external BOS members were attended the Board of Studies (Electronics) meeting through online/offline mode held on 21st October, 2023.

Sr. No.	Name of Member	Designation
1.	**Dr. Deshpande J. D.** Head & Professor, Department of Electronics, T. C. College, Baramati.	Chairman
2.	**Dr. Mrs. Pawar A. M.** Assistant Professor, Department of Electronics, T. C. College, Baramati	Internal Member
3.	**Dr. Patil S. N.** Assistant Professor, Department of Electronics, T. C. College, Baramati	Internal Member
4.	**Dr. Kothawale A. S.** Assistant Professor, Department of Electronics, T. C. College, Baramati	Internal Member
5.	**Mrs. Rupnawar P. D.** Assistant Professor, Department of Electronics, T. C. College, Baramati	Internal Member
6.	**Mrs. Gawade S. A.** Assistant Professor, Department of Electronics, T. C. College, Baramati	Internal Member
7.	**Mrs. Patil S. S.** Assistant Professor, Department of Electronics, T. C. College, Baramati	Invitee
8.	**Mrs. Shinde P. K.** Assistant Professor, Department of Electronics, T. C. College, Baramati	Invitee
9.	**Mrs. Walekar S. S.** Assistant Professor, Department of Electronics, T. C. College, Baramati	Invitee
10.	**Prof. Dr. S. R. Kumbhar** Head & Professor, Dept. of Electronics Wilingdon College, Sangli	External Member from other University
11.	**Dr. Sadistap Shashikant** CSIR-CEERI, Pilani, Rajasthan	External Member from other University (Online)
12.	**Dr. Mudassar Shaikh** Assistant Professor, Department of Electronics, New Arts, Commerce and Science College, Ahmednagar	External Member from other University(Online)
13.	**Mr. Patil Sharad V.** Senior Engineer, Whirlpool of India Ltd. Pune	Industry Expert

14.	**Miss Yogita Salunkhe** Assistant Professor, Department of Electronics, Y. C. College, Satara	Meritorious Alumni (Online)
15.	**Mr. Mayur Mahamuni**	PG Student
16.	**Miss. Gawade Shivanjali**	PG Student
17.	**Miss. Shedhe Dhanashree**	PG Student
18.	**Miss. Sapkal Malsi**	UG Student

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MINUTES OF THE MEETING

As per the Notice No. 207 dated 15/09/2023, issued by the college, the meeting of Board of Studies in Electronics was successfully held on 21st October, 2023 at 12:00 pm in the Department of Electronics, 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 Dr. J. D. Deshpande, Chairman of the Board of Studies in Electronics, 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.
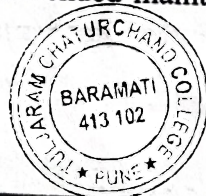
1. To confirm the minutes of the BOS meeting held on 9th June 2023.

Dr. J. D. Deshpande read the minutes of the BOS meeting held on 9thJune 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 prepare and approve curriculum of F. Y. B.Sc. and F. Y. B.Sc. (Computer Science), Semester II (2023 pattern as per NEP) to be implemented from the academic year 2023-2024.

The Board of Studies (BOS) members meticulously designed and crafted the curriculum for Semester II of the F. Y. B.Sc. and F. Y. B.Sc. (Computer Science) program as per NEP 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, Dr. Pawar A. M. presented the curriculum on a course-by-course basis, 30:20 pattern of evaluation for all classes. The recommendations and valuable insights provided by the BOS members were thoughtfully incorporated into the curriculum. Dr. S. R. Kumbhar, Dr Sadistap Shashikant and Dr. Mudassar Shaikh specifically recommended maintaining consistency in the sub-points of all chapters.

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.

			ELE-151-MJM	Semiconductor Devices & Circuits	2
			ELE-152-MJM	Digital Electronic Circuits	2
			ELE -153-MJM	Electronics Practical-II	2
			ELE -161-MN	Introduction to Electronic Devices	2
FYB.Sc (Electronics)	2023	II	ELE -166-OE	Fundamentals of Digital Electronics	2
			ELE -167-OE	Electronics Practical-II	2
			ELE -171-VSC	Designing of Experimental Electronic Systems	2
			ELE -176-SEC	Introduction of Circuit Simulator-II	2
			ENG -181-AEC	Functional English-II	2
			ELE -185-VEC	Digital and Technological Solutions	2

Class	Pattern	Semester	Course Code	Course Title	Course Type	No. of Credits
FYB.Sc (Comp. Sci.)	2023	II	COS-161-MN (EL)	Basic Electronics	Theory	02

Resolution No. 2: The curriculum for F. Y. B.Sc. and F. Y. B.Sc. (Computer Science), Semester II (2023 pattern as per NEP) has been unanimously approved by all members of the BOS.

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

The Board of Studies (BOS) members meticulously designed and crafted the curriculum for M.Sc.-I Semester II (2023 pattern as per NEP) 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 Dr. S. N. Patil 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. Part-I, Semester-II.
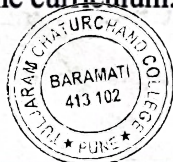
In light of the constructive suggestions offered by the BOS members, the curriculum structure underwent necessary revisions. After thorough deliberation and careful consideration, the curriculum of following courses was presented for approval during the BOS meeting.

Class	Pattern	Semester	Course Code	Course Title	Course Type	No. of Credits
PG I	2023	II	ELE-551-MJM:	Electromagnetics, Microwave and Antennas.	Theory	4
			ELE-552-MJM:	Embedded System Design with PIC Microcontroller.	Theory	4
			ELE-553-MJM:	Electronics Science Practical Course -III	Practical	2
			ELE-554-MJM:	Electronics Science Practical Course - IV	Practical	2
			ELE-561-MJE(A):	A: Instrumentation and Measurement Techniques.	Elective Theory	4
			ELE-562-MJE(B)	B: Foundation of Semiconductor Devices	Elective Theory	
			ELE-581-OJT/FP	On Job Training		4
				Filed Project		

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

4. To prepare and approve curriculum of S. Y. B.Sc. and S. Y. B.Sc. (Comp. Science) Semester IV (2022 pattern) to be implemented from the academic year 2023-2024.

The Board of Studies (BOS) members meticulously designed and crafted the curriculum for S. Y. B. Sc. and S. Y. B.Sc. (Comp. Science) Semester IV (2022 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, Dr. Rupanawar P. D. presented the curriculum on a course-by-course basis, 60:40 pattern of evaluation for all classes. The recommendations and valuable insights provided by the BOS members were thoughtfully incorporated into the curriculum. Dr. S. R. Kumbhar, Dr Sadistap Shashikant Dr.

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Mudassar Shaikh and Miss. Yogita Salunkhe specifically recommended maintaining consistency in the sub-points of all chapters.

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.

Class	Pattern	Semester	Course Code	Course Title	Course Type	No. of Credits
S. Y. B. Sc (Electronics)	2022	IV	USEL241	Fundamentals of Instrumentation system	Theory	3
			USEL242	Communication Electronics	Theory	3
			USEL243	Practical Course	Practical	3
S. Y. B. Sc (Comp. Sci.)	2022	IV	UCSEL241	Advance Communication and IoT	Theory	3
			UCSEL242	Advance Embedded System	Theory	3
			UCSEL243	Practical Course	Practical	3

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

5. To prepare and approve curriculum of M.Sc. II. Semester IV (2022 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. II Semester IV (2022 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 Dr. S. N. Patil 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. II Semester IV (2022 pattern).

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.

Class	Pattern	Semester	Course Code	Course Title	Course Type	No. of Credits
PG II	2022	IV	PSEL241	Control System	Theory	4
			PSEL242	Advanced Power Electronics	Theory	4
			PSEL243	Fundamentals of Artificial Intelligence	Theory	4
			PSEL244	Wireless Sensor Network	Theory	4
			PSEL245	Practical Course – Project	Project	4

Resolution No. 5: The curriculum for M.Sc.-II Semester IV (2022 pattern) 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. F. Y. B. Sc., F. Y. B.Sc. (Comp. Science), M.Sc. I. Semester II (2023 pattern as per NEP) and S. Y. B. Sc., S. Y. B. Sc. (Comp. Science) and M.Sc. II Semester IV (2022 pattern).

Resolution No. 4: Considered and Approved

The meeting of BOS concluded with the vote of thanks by Dr. Pawar A. M.

Chairman
Board of Studies

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

Principal