



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.11

Date of Meeting: 21/06/2024

Venue: Department of Electronics

June, 2024

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

Department of Electronics

NOTICE

Date: 18/06/2024

Board of Studies Meeting

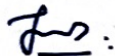
All members of the Board of Studies in Electronics are hereby informed that, as per Notice No. 105 dated 18/06/2024 issued by the college, our BOS meeting is organized on 21st June 2024 at 12.00 pm in Department of Electronics. As esteemed members of the board, your presence and input during the meeting would be greatly appreciated.

The agenda of the meeting included the following subjects:

1. To confirm the minutes of the previous meeting held on 16 March 2024.
2. To design and approve course & credit structure for the B. Sc. degree programme in Electronics in accordance with NEP-2.0 (2024 pattern as per NEP-2020).
3. To prepare and approve curriculum of F.Y.B.Sc.(Electronics) and F.Y.B.Sc.(Comp. Sci) Semester-I and II (2024 NEP pattern) to be implemented from the academic year 2024-2025.
4. To discuss and incorporate the relevant feedbacks of the stakeholders (students, teachers, parents, alumni and employers) in the curriculum.
5. Any other issue with the permission of the chair.

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

Please acknowledge by email.



Chairman
BOS in Electronics

Principal

**Anekant Education Society's
Tuljaram Chaturchand College, Baramati
(Autonomous)**

Department of Electronics

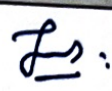
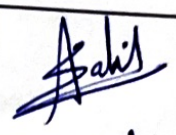


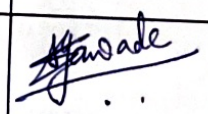
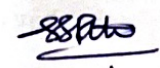
AGENDA OF THE MEETING

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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 June 2024.

Sr. No.	Name of Member	Designation	Signature
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.	Dr. Rupnawar P. D. Assistant Professor, Department of Electronics, T. C. College, Baramati	Internal Member	
6.	Dr. 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	
10.	Prof. Dr. S. R. Kumbhar Head & Professor, Dept. of Electronics Wilingdon College, Sangli	External Member from other University	Online
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	Online
14.	Miss Yogita Salunkhe Assistant Professor, Department of Electronics, Y. C. College, Satara	Meritorious Alumni	Online
15.	Mr. Mayur Mahamuni Department of Electronics, T. C. College, Baramati	PG Student	Online

16.	Miss. Gawade Shivanjali Department of Electronics, T. C. College, Baramati	PG Student	Online
17.	Miss. Shedge Dhanashree Department of Electronics, T. C. College, Baramati	PG Student	Online
18.	Miss. Sapkal Malsi Department of Electronics, T. C. College, Baramati	UG Student	Online

MINUTES OF THE MEETING

As per the Notice No. 105 dated 18/06/2024, issued by the college, the meeting of Board of Studies in Electronics was successfully held on 21st June 2024 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 Prof. 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 previous meeting held on 16 March 2024.

Dr. J. D. Deshpande read the minutes of the BOS meeting held on 16 March 2024 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 unanimously.

2. To design and approve course & credit structure for the B. Sc. degree programme in Electronics in accordance with NEP-2.0 (2024 pattern as per NEP-2020).

The Board of Studies (BOS) members meticulously discussed the new course and credit structure for the B.Sc. degree program in Electronics. They took into consideration the Government of Maharashtra circular dated March 13, 2024, which introduced three major courses in the first year, and the Circular of SPPU, Pune dated May 2, 2024, regarding credit distribution structures. After thorough discussion, the following credit distribution structure was finalized.

Resolution No. 2: The credit distribution structure for B.Sc. degree programme in Electronics (2024 pattern) has been unanimously approved by all members of the BOS.

**Credit Distribution Structure for Three/Four Year Honours/Honours with Research Degree Programme
With Multiple Entry and Exit options as per National Education Policy (2024 Pattern as per NEP-2020)**

With Multiple Entry and Exit Options as per National Education Policy (2020) as per UGC (2020)														
Level/ Difficulty	Sem	Subject DSC-1	Subject DSC-2	Subject DSC-3	GE/OE	SEC	IKS	AEC	VEC	CC	Total			
4.5/100	I	2(T)+2(P)	2(T)+2(P)	2(T)+2(P)	2(T)	2 (T/P)	2(T) (Generic)	2(T)	2(T)	-	22			
	II	2(T)+2(P)	2(T)+2(P)	2(T)+2(P)	2(P)	2 (T/P)	-	2(T)	2(T)	2(T)	22			
Exit option: Award of UG Certificate in Major with 44 credits and an additional 4 credits core NSQF course/Internship OR Continue with Major and Minor Continue option: Student will select one subject among the (subject 1, subject 2 and subject 3) as major and other as minor and third subject will be dropped.														
Level/ Difficulty	Sem	Credits Related to Major			VSC	FP/OJT/CE P/RP	Minor	GE/OE	SEC	IKS	AEC	VEC	CC	Total
		Major Core	Major Elective											
5.0/200	III	4(T)+2(P)	-	2 (T/P)	2 (FP)	2(T)+2(P)	2(T)	-	-	2(T)	2(T)	-	2(T)	22
	IV	4(T)+2(P)	-	2 (T/P)	2 (CEP)	2(T)+2(P)	2(P)	-	2 (T/P)	-	2(T)	-	2(T)	22
Exit option: Award of UG Diploma in Major and Minor with 88 credits and an additional 4credits core NSQF course/Internship OR Continue with Major and Minor														
5.5/300	V	8(T)+4(P)	2(T)+2(P)	2 (T/P)	2 (FP/CEP)	2(T)	-	-	-	-	-	-	-	22
	VI	8(T)+4(P)	2(T)+2(P)	2 (T/P)	4 (OJT)	-	-	-	-	-	-	-	-	22
Total 3Years		44	8	8	10	18	8	6	4	8	4	6	6	132
Exit option: Award of UG Degree in Major with 132 credits OR Continue with Major and Minor														
6.0/400	VII	6(T)+4(P)	2(T)+2 (T/P)	-	4(RP)	4(RM)(T)	-	-	-	-	-	-	-	22
	VIII	6(T)+4(P)	2(T)+2 (T/P)	-	6(RP)	-	-	-	-	-	-	-	-	22
Total 4Years		64	16	8	22	22	8	6	4	8	4	6	6	176
Four Year UG Honours with Research Degree in Major and Minor with 176 credits														
6.0/400	VII	10(T)+4(P)	2(T)+2 (T/P)	-	-	4(RM) (T)	-	-	-	-	-	-	-	22
	VIII	10(T)+4(P)	2(T)+2 (T/P)	-	4 (OJT)	-	-	-	-	-	-	-	-	22
Total 4Years		72	16	8	14	22	8	6	4	8	4	6	6	176
Four Year UG Honours Degree in Major and Minor with 176 credits														
T = Theory P = Practical DSC = Discipline Specific Course OE = Open Elective SEC = Skill Enhancement Course VSC = Vocational Skill Course														
IKS = Indian Knowledge System AEC = Ability Enhancement Course VEC = Value Education Course CC = Co-curricular Course VSC= Vocational Skill Course														
OJT= On Job Training CEP= Community Engagement Project FP= Field Project RP= Research Project														

3. To prepare and approve curriculum of F.Y.B.Sc. (Electronics) and F.Y.B.Sc. (Comp. Sci.) Semester I and II (2024 NEP pattern) to be implemented from the academic year 2024-2025.

The Board of Studies (BOS) members meticulously designed and crafted the curriculum for Semester I and II of the F. Y. B. Sc. 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. Pawar A. M. 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. 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	Sem	Course Code	Course Title	Course Type	No. of Credits
F.Y.B.Sc.	2024	I	ELE-101-GEN	Fundamentals of Electronics	Theory	02
F.Y.B.Sc.	2024	I	ELE -102-GEN	Electronics Practical-I	Practical	02
F.Y.B.Sc.	2024	I	ELE -103-OE	Principles of Electronic Circuits	Theory	02
F.Y.B.Sc.	2024	I	ELE -104-SEC	Circuit Simulator-I	Practical	02
F.Y.B.Sc.	2024	II	ELE -151-GEN	Analog and Digital Electronics	Theory	02
F.Y.B.Sc.	2024	II	ELE -152-GEN	Electronics Practical-II	Practical	02
F.Y.B.Sc.	2024	II	ELE -153-OE	Electronics Practical-II	Practical	02
F.Y.B.Sc.	2024	II	ELE -154-SEC	Circuit Simulator-II	Practical	02

Class	Pattern	Sem	Course Code	Course Title	Course Type	No. of Credits
F.Y. B. Sc. (Comp. Sci.)	2024	I	COSEL-101-GEN	Basics of Electronics	Theory	02
F.Y. B. Sc. (Comp. Sci.)	2024	I	COSEL-102-GEN	Electronics Practical-I	Practical	02
F.Y. B. Sc. (Comp. Sci.)	2024	II	COSEL-151-GEN	Analog and Digital Circuits	Theory	02
F.Y. B. Sc. (Comp. Sci.)	2024	II	COSEL-152-GEN	Electronics Practical-II	Practical	02

Resolution No. 3: The curriculum for F.Y.B.Sc. (Electronics) and F.Y.B.Sc. (Comp. Sci.) Semester I and II (2024 pattern) has been unanimously approved by all members of the BOS.

4. 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. Electronics.

Resolution No. 4: Considered and Approved

5. Any other issues with the permission of the chair.

There were no other issues to discuss, so the BOS meeting concluded with a vote of thanks by Dr. Mrs. Aparna Pawar.



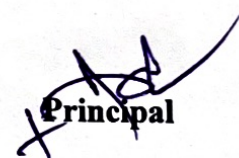
**Chairman
Board of Studies**



**IQAC
Coordinator**

Coordinator

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



Principal