



Anekant Education Society's

**Tuljaram Chaturchand College, Baramati**

(Empowered Autonomous)

**Department of Dairy Technology**

(Faculty of Vocational Education)

**Minutes of Board of Studies Meeting**

(Academic Year: 2024-2025)

**Date of Meeting: 10/10/2024**

**Venue: Department of Dairy Technology**

---

September, 2024

Date: 05/09/2024

To,  
The Principal,  
Tuljaram Chaturchand College,  
Baramati

Subject: Regarding permission to organize BoS meeting date 10<sup>th</sup> September 2024

Respected Sir,

With reference to above cited subject, and with your permission, the Dept. of Dairy Technology would like to conduct a BoS meeting on 10th September, 2024 at 10:00 AM.

The agenda of the meeting is to design the curriculum of B. Voc. Dairy Technology along with revision of semester VI (2022 pattern), design and approve curriculum of Semester - IV (2023 pattern as per NEP 2020) guidelines and to prepare SOPs and guidelines for Field Project and Community Engagement Project of S.Y B.Voc (2023 pattern as per NEP 2020). This meeting will be crucial in providing valuable insights and inputs from our experienced BOS members. It will also help us align the curriculum with the latest developments in the field and provide our students with a comprehensive education by following provisions given in the NEP 2020.

Therefore, I request your permission to organize the Board of Studies meeting.

Thank You!

Your's Faithfully



Dr. W. A. Khan  
Chairman , BoS  
B. Voc. Dairy Technology



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

Department of Dairy Technology

**AGENDA OF THE MEETING**

**The agenda of the meeting included the following subjects:**

1. To confirm the minutes of the previous meeting held on 07<sup>th</sup> March, 2024.
2. To design and approve the curriculum of T.Y B.Voc Sem VI (2022 pattern) to be implemented from academic year 2024-2025.
3. To design and approve the curriculum of S.Y B.Voc Sem IV (2023 pattern as per NEP 2020) to be implemented from academic year 2024-2025.
4. To prepare SOPs and Guidelines for Field Project and Community Engagement Project of S.Y B.Voc (2023 pattern as per NEP 2020) to be implemented from academic year 2024-2025.
5. To discuss and incorporate the relevant feedbacks of the stakeholders (students, teachers, parents, alumni and employers) into the curriculum.
6. Any other issues with the permission of chair.



**Anekant Education Society's  
Tuljaram Chaturchand College,  
Of Arts, Science and Commerce, Baramati, Pune  
Department of Dairy Technology  
B. Voc. Dairy Technology**

**NOTICE**

**Date: 04/03/2024**

This is to inform all the members of the Board of Studies (B.Voc Dairy Technology) that the ninth meeting of the second cycle for the following agendas is to be conducted on Thursday, 10<sup>th</sup> September, 2024 in the Dept. of Dairy Technology, at 10:00AM (Hybrid mode).

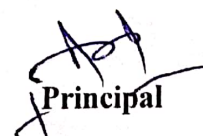
The agenda of the meeting is as follows:

**AGENDA**

1. To confirm the minutes of the previous meeting held on 07<sup>th</sup> March, 2024.
2. To design and approve the curriculum of T.Y B.Voc Sem VI (2022 pattern) to be implemented from academic year 2024-2025.
3. To design and approve the curriculum of S.Y B.Voc Sem IV (2023 pattern as per NEP 2020) to be implemented from academic year 2024-2025.
4. To prepare SOPs and Guidelines for Field Project and Community Engagement Project of S.Y B.Voc (2023 pattern as per NEP 2020) to be implemented from academic year 2024-2025.
5. To discuss and incorporate the relevant feedbacks of the stakeholders (students, teachers, parents, alumni and employers) into the curriculum.
6. Any other issues with the permission of chair.



**Chairman  
Board of Studies**



**Anekant Education Society's  
Tuljaram Chaturchand College, of Arts, Science and Commerce,  
Baramati, Pune  
Department of Dairy Technology  
B. Voc. Dairy Technology  
Attendance of BoS meeting**

Date: 07/03/2024

The ninth meeting of BoS in Department of Dairy Technology was held on Thursday, 10<sup>th</sup> September, 2024 at 10:00 am (hybrid mode) to design and approve course and credit structure for the Semester VI (2022 Pattern) and Semester IV (NEP 2023 Pattern) of B.Voc Dairy Technology programme to be implemented from the academic year 2024-2025. The following members were present for the meeting.

<b>Sr. No.</b>	<b>Name of the BoS member</b>	<b>Designation</b>
1	<b>Dr. Wajid A. Khan</b> Head and Associate Professor of Department of Dairy Technology; T. C. College, Baramati.	Chairman
2	<b>Mrs. Ganbote Shruti</b> Assistant Professor, T. C. College, Baramati.	Internal Member
3	<b>Ms . Patil Pallavi</b> Assistant Professor, T. C. College, Baramati.	Internal Member
6	<b>Dr. Khojare Ajit. S.</b> Professor & In-Charge, Department of Dairy Science & Technology, Vivekanand College, Samarthnagar, Aurangabad	Expert from other University
7	<b>Ms. Anagal Pranoti</b> Assistant Professor, V.P. College, Baramti, Pune	Expert from University
8	<b>Dr. A.K. Sahoo</b> Professor, Dept. of Food Technology, Shivaji University, Kolhapur	Expert from other University
9	<b>Mr. Vhorkate Karan. D.</b> Technical officer, Sonai Dudh Co. ltd. Indapur, Pune	Meritorious Alumni



**Chairman  
Board of Studies**

# MINUTES OF THE MEETING

As per the notice no. 214 issued by the college, the meeting of Board of Studies was successfully held on 10<sup>th</sup> September, 2024, at 10:00 AM, in the Department of Dairy Technology, T. C. College, Baramati. The meeting took place in hybrid mode, adhering to the guidelines and protocols set by the college. Under the guidance of Dr. Wazid. A. Khan, Chairman, Board of Studies in Dairy Technology, 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.

**Subject: 1: To confirm the minutes of the previous meeting held on 07<sup>th</sup> March, 2024.**

Dr. W. A. Khan, read the minutes of the BoS meeting held on 07<sup>th</sup> 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.

**Subject: 2: To design and approve curriculum of T. Y. B. Voc. Semester VI (2022 pattern) to be implemented from the academic year 2024-2025.**

**Proposed by: Dr. Wazid A. Khan**

**Seconded by: Dr. Khojare Ajit. S.**

The Board of studies carefully studied and designed the curriculum for Semester – VI of T. Y. B. Voc. Programme well in advance before conduction of the BoS meeting. All the members were provided with this draft for further discussion to strengthen the curriculum, aligning it with the guidelines of the credit structure of 2022 pattern, for the implementation in the academic year 2024-2025. During the discussion, certain modifications were suggested by the board members. Mrs. Ganbote S. S. dictated each course of the above said curriculum. Dr. Khojare recommended the inclusion of study of sensory evaluation for dairy products in UBBDT – 361- 1, Dairy Product

Development. Ms. Patil P. R. suggested the inclusion of topics on Types of packaging materials in UBDT – 362, Packaging Technology. According to the suggestions of Mrs. Ganbote S. S., the practical in UBDT – 361 – 1, Dairy Product Development were arranged in a sequence of manufacturing procedures. A topic of Market survey and opportunities identification was added in UBDT – 363, Entrepreneurship development. Mr. Sahoo A. K suggested the addition of practical's in UBDT – 361– 1, Dairy Product Development.

It was mutually decided by all the BoS members to maintain uniformity in the number of units across all courses, with a total of five units for the 04 - credit theory courses and 15 experiments for the 06 - credit practical courses. After thorough discussion and consideration of all the suggestions, the following finalized curriculum was presented for approval during the BoS meeting.

Class	Pattern	Semester	Course Code	Course Title	Course Type	No. of Credits
TY.B. Voc. Dairy Technology	2022 Pattern	VI	UBDT-361	Dairy Product Development	Theory	04
			UBDT-362	Packaging Technology	Theory	04
			UBDT-363	Entrepreneurship Development	Theory	04
			UBDT-361-1	Dairy Product Development	Practical	06
			UBDT-361-2	Packaging Technology	Practical	06
			UBDT-361-3	In-Plant Training	Practical	06
<b>Total No. of Credits</b>						<b>30</b>

**Resolution No. 2:** The curriculum of T. Y. B. Voc. Semester VI (2022 Pattern) has been unanimously approved by all the BoS members.

**Subject: 3: To design and approve curriculum of S. Y. B. Voc. Semester IV (2023 pattern as per NEP - 2020) to be implemented from the academic year 2024 - 2025.**

**Proposed by: Dr. Wazid A. Khan**

**Seconded by: Dr. Sahoo A. K.**

The board deliberately studied and designed the curriculum of S. Y. B. Voc. Semester – IV 2023 pattern, aligning it with the guidelines of the credit structure of NEP 2020 guidelines, for the implementation in the academic year 2024-2025. During the discussion, certain modifications were suggested by the board members.

Dr. W. A. Khan suggested combining topics of Refrigeration and Heat and heat transfer in DRT – 251 – MJM, Dairy Engineering. Dr. Khojare suggested to add topic of Makkhan in the same unit of Fat Rich Products of DRT-252-MJM, Traditional Indian Dairy Products. A practical subject of Manufacture of Traditional Indian Dairy Products was introduced as DRT – 253 – MJM as per the suggestions of Mrs. Ganbote S. S. Some more practicals were added in DRT – 253 – MJM, Manufacture of Traditional Indian Dairy as per the suggestions of Mr. Vhorkate K. D. According to the suggestions of Ms. Patil P. R., practical study of Food preservation Technology was considered for subjects of DRT – 254 – MJM as Food preservation Technology. As per the suggestions from Dr. W. A. Khan Dairy Microbiology and Analysis of Milk was considered as Minor subjects DRT-261-MN and DRT –262 –MN Analysis of Milk respectively. For the Open Elective course, DRT – 266 – OE, Food Safety, Hygiene and Sanitation was considered by all the BoS members. All the members of BoS were informed that, the courses of Ability Enhancement, Indian Knowledge System and Co-curricular courses would be offered centrally by various departments. The courses offered under AEC are in Marathi, Hindi and Sanskrit language. The generic IKS would be conducted centrally. And co-curricular courses such as Yoga, Physical Education, NSS and NCC would be conducted. Furthermore, it was decided to maintain uniformity in the number of units across all courses, with a total of four units for the 02 - credit theory courses and 15 experiments for the 02 - credit practical courses. Finally, it was agreed that the revised curriculum would be submitted to the academic council of the college for approval.

The board thoroughly discussed and finalized the syllabus for the following courses of S. Y. B.Voc. Semester III and IV (2023 pattern).



Class	Pattern	Semester	Course Code	Course Title	Course Type	No. of Credits
SY. B. Voc. Dairy Technology	2023 Pattern (NEP)	III	DRT-201-MJM	Dairy Processing Equipment	Theory	02
			DRT-202-MJM	Fermented Milk Products	Theory	02
			DRT-203-MJM	Manufacture of Fermented Milk Products	Practical	02
			DRT-204-MJM	Nutrition Science	Practical	02
			DRT-211-MN	Dairy Chemistry	Theory	02
			DRT-212-MN	Chemical Analysis of Milk	Practical	02
			DRT-216-OE	Dairy Plant Management	Theory	02
			DRT-221-VSC	Entrepreneurship Development	Practical	02
			MAR-231-AEC	भाषिक उपयोजन व लेखन कौशल्ये	Theory	02
			HIN-231-AEC	हिंदी भाषा कौशल्ये		
			SAN-231-AEC	प्राथमिक संभाषण कौशल्यम्		
			NSS/NCC/PES/ YOG/CUL- 239-CC	NSS -239-CC	Practical	02
				NCC -239-CC		
				PES -239-CC		
				YOG-239-CC		
				CUL-239-CC		
			DRT-235- FP	Field Project	Practical	02
GEN-245-IKS	Indian Knowledge System (Generic)	Theory	02			
<b>Total No. of Credits</b>						<b>24</b>

SY. B. Voc. Dairy Technology	2023 Pattern (NEP)	IV	DRT-251-MJM	Dairy Engineering	Theory	02
			DRT-252-MJM	Traditional Indian Dairy Products	Theory	02
			DRT-253-MJM	Manufacture of Traditional Indian Dairy Products	Practical	02
			DRT-254-MJM	Food Preservation Technology	Practical	02
			DRT-261-MN	Dairy Microbiology	Theory	02
			DRT-262-MN	Analysis of Milk	Practical	02
			DRT-266-OE	Food Safety, Hygiene and Sanitation	Theory	02
			DRT-276-SEC	Nutrition Science	Theory	02
			MAR-281-AEC	लेखन निर्मिती व परिक्षण कौशल्ये	Theory	02
			HIN-281-AEC	हिंदी भाषा: संप्रेषण कौशल्ये		
			SAN-281-AEC	प्रगत संभाषण कौशल्यम्		
			NSS/NCC/PES/ YOG/CUL- 289-CC	NSS-289-CC	Practical	02
				NCC-289-CC		
				PES-238-CC		
				YOG-289-CC		
CUL-289-CC						
DRT-285- CEP	Community Engagement Project (CEP)	Practical	02			
<b>Total No. of Credits</b>						<b>22</b>

**Resolution No. 3:** The design and a curriculum of SY. B. Voc. Semester IV (2023 pattern as per NEP - 2020) to be implemented from the academic year 2024 – 2025 has been approved by all the BoS members.

**Subject: 4: To prepare SOPs and Guidelines for Field Project and Community Engagement Project of S.Y B.Voc (2023 pattern as per NEP 2020) to be implemented from academic year 2024-2025.**

**Proposed by: Dr. Wazid A. Khan**

**Seconded by: Mr. Vhorkate K. D.**

**Resolution No. 4:** Considered and Approved by all members of the BoS.

**Subject: 5: To discuss and incorporate the relevant feedbacks of the stakeholders (students, teachers, parents, alumni and employers) in the curriculum.**

**Proposed by: Dr. Wazid A. Khan**

**Seconded by: Mrs. Ganbote S.S.**

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 collected the suggestions of various stakeholders such as current students, alumni, teachers, parents, employers etc. via 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 T.Y. B. Voc. Dairy Technology.

**Resolution No. 5:** Considered and Approved