



Anekant Education Society's

**Tuljaram Chaturchand College, Baramati**

(Autonomous)

**Department of Dairy Technology**

(Faculty of Vocational Education)

**Minutes of Board of Studies Meeting**

(Academic Year: 2023-2024)

**Date of Meeting: 25/10/2023**

**Venue: Department of Dairy Technology**

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October, 2023

*SHNA*



Date: 20/10/2023

To,  
The Principal,  
Tuljaram Chaturchand College,  
Baramati

Subject: Regarding permission to organize BoS meeting.

Respected Sir,

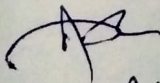
With reference to above cited subject, and with your permission, the Dept. of Dairy Technology would like to conduct a BoS meeting on 25th October, 2023 at 03:00PM.

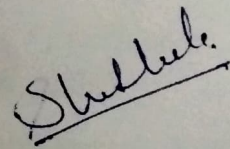
The agenda of the meeting is to design the curriculum of B. Voc. Dairy Technology along with revision of semester IV (2022 pattern) and design of Semester - II (as per NEP 2020) guidelines. This meeting will be crucial in providing valuable insights and inputs from our experienced BOS members. It will 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!

Approved

  
20/10



Ms. Patwardhan Shubhada S.  
Chairman  
BoS,  
B. Voc. Dairy Technology



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

**NOTICE**

*Sl. No 529*

Date: 19/10/2023

This is to inform all the members of the Board of Studies (B.Voc Dairy Technology) that the fourth meeting for the revision of the Semester IV (2022 pattern) of S. Y. B. Voc. D. T. and semester II (2023 pattern as per NEP 2020) is scheduled to be on Friday, 25<sup>th</sup> October, 2023 at 01:00 pm at the Department of Dairy Technology (Online mode).

The agenda of the meeting is as follows:

**AGENDA**

The agenda for the BOS meeting will include the following items:

1. To confirm the minutes of the previous meeting held on 10<sup>th</sup> April, 2023.
2. To design and approve curriculum of S. Y. B. Voc. Semester IV (2022 pattern) to be implemented from the academic year 2023-2024.
3. To design and approve curriculum of F. Y. B. Voc. Semester II (2023 pattern as per NEP-2020) to be implemented from the academic year 2023-2024.
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 chairman.

*Shelke*  
Chairman

Board of Studies



*[Signature]*  
Principal



Anekant Education Society's  
Tuljaram Chaturchand College, Baramati  
(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> July, 2023.
2. To design and approve curriculum of SYBVoc Semester IV (2022 pattern) to be implemented from the academic year 2023-2024.
3. To design and approve curriculum of FYBVoc Semester II (2023 pattern as per NEP - 2020) to be implemented from the academic year 2023-2024.
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.

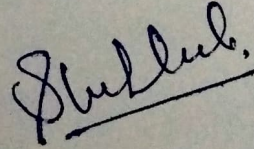


**Anekant Education Society's**  
**Tuljaram Chaturchand College, of Arts, Science and Commerce,**  
**Baramati, Pune**  
**Department of Dairy Technology**  
**B. Voc. Dairy Technology**  
**Attendance of BoS meeting**

Date: 25/10/2023

The meeting was held on Wednesday, 25<sup>th</sup> October, 2023 at 03:00 pm to design and approve course and credit structure for the B.Voc programme in accordance with 2023 NEP pattern and to prepare and approve curriculum of F. Y. B. Voc. Semester-II (2023 NEP pattern) and Semester – IV (2022 pattern) to be implemented from the academic year 2023-2024 The following members were present for the meeting.

Sr. No.	Name of the BoS member	Designation
1	Miss. S. S. Patwardhan	Chairman
2	Mrs. Ganbote Shruti	Member ((Ad hoc)
3	Ms. Temkar Vaishnavi	Member ((Ad hoc)
4	Dr. Khojare Ajit. S.	Expert from other University
5	Ms. Anagal Pranoti	Expert from University
6	Mr. Chavan Ganesh	Expert from Industry
7	Mr. Vhorkate Karan. D.	Meritorious Alumni

  
**Chairman**  
**Board of Studies**



Date: 03/11/2023

To,  
The Principal,  
I. C. College,  
Baramati,  
Pune - 413102

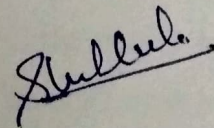
Subject: Regarding request to approve the syllabus of F. Y. B. Voc. Sem - II (2023 pattern as per NEP 2020) and S. Y. B. Voc. Sem - IV (2022 Pattern)

Respected sir,

With reference to above cited subject, and with your prior permission, the Department of Dairy Technology had conducted a BoS meeting on 25<sup>th</sup> October, 2023 at 03:00PM in the Department (Online), for the designing of F. Y. B. Voc. Sem - II (2023 pattern as per NEP 2020) and revision of S. Y. B. Voc. Sem - IV (2022 Pattern). Various subjects were designed and revised according to the agenda.

Therefore, I would like to request you to approve the designed and revised syllabus of various subjects under Semester II and Semester IV in the Dept. of Dairy Technology.

Thank You!



Ms. Patwardhan S. S.  
Chairman (BOS)  
Dept. of Dairy Technology



## MINUTES OF THE MEETING

As per the NEP 2020 guidelines and notice no. 207 published on 15<sup>th</sup> September, 2023, by IQAC, the meeting of Board of Studies in Dairy Technology was successfully held on 25<sup>th</sup> October, 2023 at 03:00 pm in the Department of Dairy Technology, T. C. College, Baramati. The meeting was conducted in online mode, adhering to the guidelines and protocols set by the college under the guidance of Prof. Patwardhan Shubhada S., Chairman of the 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.

**1. To confirm the minutes of the previous BOS meeting held on 07<sup>th</sup> July, 2023.**

The minutes of the previous Board of Studies meeting were approved and confirmed.

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

The BoS has discussed the course codes and course titles for the Semester – IV of 2022 pattern. Each course of the semester was discussed in detailed and revised wherever necessary.

According to the suggestions of Dr. Khojare, the unit 3 of the course Dairy Engineering was shifted to Unit 5. Unit 4 was titled as heat transfer from heat and heat transfer. According to the suggestions of Ms. Anagal, a brief introduction to various categories of milk products was included in Traditional Indian Dairy Products. Mr. Vhorkate Karan suggested inclusion of FSSAI in the third unit of Food Safety, Hygiene and Sanitation. Dr. Khojare suggested the shuffling of practical from Dairy Engineering and arrangement into a standard sequence of processing. Mr. Gavali suggested the reconsideration of the sequence of products from Traditional Indian Dairy Products. According to the discussion and suggestions of all members they were arranged in a manner of the processing. The identification of CIP for included in Food Safety, Hygiene and Sanitation practical, according to the suggestion of Ms. Patwardhan. The course codes and course titles were discussed and confirmed by the BoS members.

The course codes and course titles of the revised syllabus are as follows:



Semester IV (2022 pattern)

Sr. No.	Course Code	Course Title	Credits
1	UBD1 - 241	Dairy Engineering	04
2	UBDT - 242	Traditional Indian Dairy Products	04
3	UBDT - 243	Food Safety, Hygiene and Sanitation	04
4	UBDT - 241 - 1	Dairy Engineering	06
5	UBDT - 241 - 2	Traditional Indian Dairy Products	06
6	UBDT - 241 - 3	Food Safety, Hygiene and Sanitation	06

Considered and Approved.

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

The BOS has discussed the course structure of the F. Y. B. Voc. as per the NEP 2020 credit structure guidelines. Taking into consideration the valuable suggestions provided by the BOS members, necessary modifications were made to the course structure. After careful consideration and thorough discussion, the final course structure has been determined, ensuring compliance with the NEP 2020.

The board carefully designed and deliberated upon the curriculum of F. Y. B. Voc. Semester - II, aligning it with the guidelines of the National Education Policy (NEP) 2020, for implementation in the academic year 2023-2024. During the discussion, certain modifications were suggested by the board members. Ms. Patwardhan suggested the revision of sequence of the units of DRT - 151 - MJM, Market Milk in order of processes carried out in a dairy plant. Study of the instruments used in laboratory was included in DRT - 152 - MJM as per the discussion of all BoS members. Ms. Anagal Pranoti suggested inclusion of Laboratory practices in the DRT - 153 - MJM. It was resolved to consider a theory syllabus for DRT - 161 - MN. Dr. A. S. Khojare proposed the revision of the Food Adulteration practical title to be Food Adulterant for the course DRT - 166 - MJM. Additionally, Mr. Vhorkate requested the exclusion of the chapter of "Prevalence of food adulteration practices from the open elective course 'DRT-116-OE, Food Adulterant. Furthermore, both Dr. A. S. Khojare and Ms. Anagal P. suggested addition of BMI calculation in DRT - 167 - OE, Detection of Food Adulteration. Dr. Khojare A. S. also suggested inclusion of Adulteration of spices in DRT -



21 - VSC. The topic of FSSAI was included in DRT - 171 - VSC from the suggestion of Mr. Gavali Saurabh. The title for DRT - 176 - SEC was revised to Computer skills from computer applications as per the suggestions provided by Mr. Vhorkate K. The course codes and course titles of the courses included for Semester - II of the 2023 pattern (As per NEP) are as follows:

Semester - II 2023 Pattern (As per NEP)

Sr. No.	Course Code	Course Title	Credits
1	DRT - 151 - MJM	Market Milk	02
2	DRT - 152 - MJM	Dairy Microbiology	02
3	DRT - 153 - MJM	Microbial Analysis of Milk	02
4	DRT - 161 - MN	Food Preservation Technology	02
5	DRT - 166 - OE	Food Adulterant	02
6	DRT - 167 - OE	Detection of Food Adulteration	02
7	DRT - 171 - VSC	Food Safety, Hygiene and Sanitation	02
8	DRT - 176 - SEC	Computer Skills	02

**Considered and Approved.**

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

The Board of Studies discussed the feedbacks on the syllabus from the various stakeholders such as students, teachers, parents, alumni, and employer. The suggestions from the above stakeholders were collected and studied. The revisions and modifications from their suggestions were made accordingly.

**Considered and Approved.**

**5. Any other issue with the permission of the chairman.**

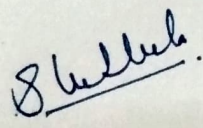
The Board of Studies (BOS) engaged in a thorough discussion regarding the adoption of a learning outcome - based approach to curriculum planning and development, in alignment with the guidelines set forth by NEP 2020, LOCF (UGC), NCrf, and NHEQF. It was acknowledged that this approach would enhance the quality and relevance of the curriculum, making it more responsive to the needs of students and the changing dynamics of the



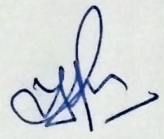
...ation field. After a detailed discussion, the Board of Studies unanimously resolved to  
adopt a learning outcome - based approach to curriculum planning and development.

**Considered and Approved.**

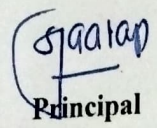
The meeting of BOS concluded with the vote of thanks by Mrs. Ganbote S. S.



**Chairman  
Board of Studies**



**IQAC  
Coordinator**



**Principal**









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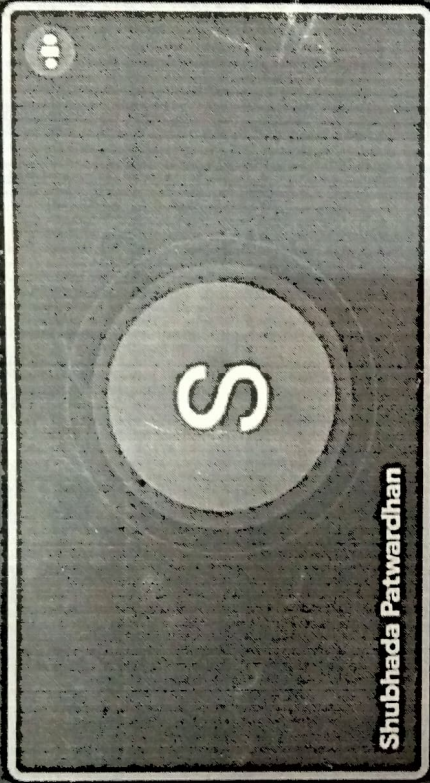


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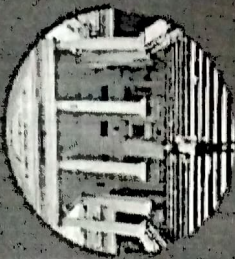
Shubhada Patwardhan



Shruti Ganbote



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