

Rtyat Shikshan Sanstha's

S.S.G.M. College, Kopargaon, Dist- Ahmednagar

Department of Chemistry

2018-2019

Short Term Course in Dairy Science

Board of Studies (BOS)

Department of Chemistry have decided to start Short term course in Dairy Science . For framing the Syllabus of said course, committee was constituted as follow.

Board of Studies Member (BOS)

- | | |
|--------------------------|---|
| 1. Prin. Dr. Thopte S.S. | : Chairman |
| 2. Mr. Deshmukh A.K. | :HOD of Chemistry |
| 3. Prof. JadhavAjit | :Placement Officer |
| 4. Dr. Malpure N. V. | :IQAC- Coordinator |
| 5. Dr. Konda Rakesh | :Professional Expert |
| 6. Mr. MAITRIYA A D. | :Director of Shodh Advantech,Aurangabad |

Aims and Objectivesof the course:

- 1)To provide an adequate knowledge of the principles of processes involved in Dairy Science.
- 2) Instrumentation and applications of common analytical techniques
- 3) Knoweledge perspective course
- 4) Application based curruculum
- 5)Understand the operational framework for best practices in Company .



Rayat Shikshan Sanstha's
Shri Sadguru Gangageer Maharaj Science, Gautam Arts and
Sanjivani Commerce College, Kopargaon
Department of Chemistry,
Class- M.Sc.II Analytical Chemistry
Date: 28/07/2018
2018-19
Certificate Course- Dairy Science

Notice to Students

All Students of M.Sc. II Analytical Chemistry Class who have enrolled for Short Term Course "Dairy Science" will have their lectures from 01/08/2018 at 2.30 pm. The attendance to the lectures are compulsory.

Venue: Analytical Chemistry lecture Hall



Course Co-ordinator,



Head,
Department of Chemistry
S.S.G.M. College, Kopargaon

Rayat Shikshan Sanstha's
Shri Sadguru Gangageer Maharaj Science, Gautam Arts and
Sanjivani Commerce College, Kopergaon
Department of chemistry

Class – M.Sc. II Analytical chemistry

Date – 10/08/2018

2018-2019

Short Term Course in Dairy Science

Meeting Notice

Department of Chemistry conducts a Short Term Course in Dairy Science for M.Sc. Analytical chemistry students, the syllabus and working hours will be discussed and a complete programme have to prepared. Following members are requested to attend the meeting on 11/08/2018 for the implementation of this academic year 2018-2019. The meeting will be held in Department of Chemistry.



Course Co-ordinator,



Head,
Department of Chemistry
S.S.G.M. College, Kopergaon
Department of Chemistry

Committee Members:

- 1) Prof P.D. kashid
- 2) Prof A.K. Deshmukh
- 3) Prof R. M. Dawange
- 4) Prof C.S. Chaudhari
- 5) Prof P.K. Sabale
- 6) Prof A.M. Narode

Rayat Shikshan Sanstha's
Shri Sadguru Gangageer Maharaj Science, Gautam Arts and
Sanjivani Commerce College, Kopargaon
Department of Chemistry
Class: M.Sc. II Analytical Chemistry
Date: 11/08/2018

Short Term Course - Dairy Science.

Minutes of Meeting

The meeting of the Short Term Course Committee has been conducted on 11/08/2018 at Department of Chemistry. In the meeting the following resolutions and decisions were made:

1. It was decided to finalize the syllabus of Short Term Course - Dairy Science.
2. For conducting the course the complete program of Theory and Practical's was designed.
3. As per the requirements of completion of the syllabus of the Short Term Course the working hours were decided.


Course Co-ordinator




Head
Department of Chemistry
Department of Chemistry



**Rayat Shikshan Sanstha's
Shri Sadguru Gangageer Maharaj Science, Gautam Arts & Sanjivani Commerce
College Kopargaon-423601
Dist-Ahmednagar, State: Maharashtra (India)
Internal Quality Assurance Cell (IQAC)**

Syllabus Approval Letter

2018-2019

The IQAC committee has approved the submitted syllabus of short term /Certificate course planned to be conducted by the Department of Chemistry .

Sr.NO	Name of Course	Type of Course
01	Short term course in Dairy Science	Short term course


HOD OF Chemistry Department may Proceed accordingly .

Date :- 10/08/2018

Place :- Kopargaon


IQAC Coordinator
IQAC Coordinator
S.S.G.M. College, Kopargaon




Head
Department of Chemistry
S.S.G.M. College, Kopargaon

RAYAT SHIKSHAN SANSTHA'S
S.S.G.M.COLLEGE, COLLEGE, KOPARGAON
DIST. - AHMEDNAGAR, 423601 (M.S.)
CERTIFICATE COURSE IN DAIRY SCIENCE
Academic Year

Certificate course in Dairy Science

4 Credits

Syllabus

A. Theory

1. Composition of milk
2. Nutritive value of milk
3. Physico-chemical properties of milk
4. Milk products
5. Preservatives in milk and milk products
6. Adulterants in milk and legal standards
7. Study of Govt. milk scheme and role of co-operative industries
8. Economics of milk production



Total 2 Credits

B. Practical

1. Study of platform test
 - 1) Sediment test 2) Alcohol test 3) Clot on boiling (COB) test 4) Organoleptic and Temperature
2. Determination of specific gravity of milk from different source by using –
 - 1) Specific gravity bottle 2) Lactometer
3. Determination of fat content in sample of buffalo and cow milk by Gerber method
4. Determination of pH, acidity, total solids and lactose of buffalo and cow milk by Gerber method
5. Determination of casein in milk by pyne's formal titration method and calculation of the % of protein in milk
6. Detection of preservative in milk 1) Boric acid 2) Formaldehyde
7. Detection of adulterants like water, extraction of fat in milk sample
 - 1) Neutralizers 2) Formalin 3) Sugar 4) Starch 5) Glucose 6) Urea 7) ammonium sulphate 8) salt 9) pulverized soap 10) detergents 11) water 12) skim milk powder 13) vegetable fat 14) benzoic and salicylic acid 15) borax and boric acid
8. Determination of chlorine content of the milk volumetrically
9. Study Tour to dairy industry

Total 2 Credits

References

- 1) Outline of Dairy Technology- Oxford University press By- Sukumar De. (Edition-1983)
- 2) Dairy Chemistry and Animal Nutrition- M.M. Rai, Kalyani, Publishers, New Delhi: 3rd Edition, 1980
- 3) Fundamentals of Dairy Chemistry- B.H. Webb, A.H. Hohsson, J.A. Alford, CBB, Publishers and Distributors.
- 4) Milk and Milk Products- C.H. Eckles, H. Macy, Tata McGraw Hill Publishing Company Ltd.

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**RAYAT SHIKSHAN SANSTHA'S
S.S.G.M.COLLEGE, COLLEGE, KOPARGAON
DIST. - AHMEDNAGAR, 423601 (M.S.)**

CERTIFICATE COURSE IN DAIRY SCIENCE



Aim of Course:-

The aim of the course is to understand the processing of milk and its properties, their quality testing and also storage sanitation and effluent treatment. The course provides individuals with key knowledge of packaging, labeling and food safety. This course requires applying knowledge of science, technology and engineering to the processing and production of milk. The course has been designed for professionals, students aspiring to work in the field of dairy, all involved in implementing and maintaining product quality systems, quality control and quality assurance personnel, new product development personnel.

Skills and opportunities:-

Faculty of Food Safety and Quality, course is a professional course targeted to cater the food industry, as there is a demand for trained food professionals. The information, guidance, practical training and completion certificate will provide the participant with not one but many opportunities in the industry. This would come true in form of job roles and positions like that of auditors, quality assurance executives, quality control executives quality managers, position in NPD team, food consultants, food journalism and many more.



Rayat Shikshan Sanstha's,
Shri Sadguru Gangageer Maharaj Science, Gautam Arts and Sanjivani Commerce College,
Kopargaon, Dist.-Ahmednagar

Department of Chemistry
Short Term Course - Dairy Science
Year 2018-19

Sr. No.	Name of Students
1.	Abhale Vrushlali Ashok
2.	Bairagi Shantanu Purushottam
3.	Bhakare Krushna Ashok
4.	Chaudhari Akshay Arun
5.	Chine Vaishali Satish
6.	Dawange Rupali Machhindra
7.	Gade Sushant Pralhad
8.	Garud Pranali Dilip
9.	Ghule Prasad Maruti
10.	Gursal Pallavi Shankar
11.	Honde Karan Dhondiram
12.	Jadhav Nilesh Sudhakar
13.	Jadhav Sonali Pandurang
14.	Makhija Ekta Satishkumar
15.	Mansuri Yasmeen Riyazuddin
16.	Mutkule Shubhangi Bhalchandra
17.	Pagare Preeti Bhausahab
18.	Pande Snehal Sham
19.	Pawar Sagar Anna
20.	Sabale Rahul Ramrao
21.	Shiledar Dattatraya Balasaheb
22.	Gavali Rohit Vijay
23.	Galande Aditya Doulatrao
24.	Ghare Suresh Daulat




HEAD
Deptt. Of Chemistry
S. S. G. M. College, Kopargaon.



Rayat Shikshan Sanstha's

S.S.G.M. College, Kopargaon

Dairy Science

List of the students
2018-19

Sr. No.	Name of the students	Amount Rs.	Sign
1	Abhale Vrushlali Ashok	500/-	Abhale...
2	Bairagi Shantanu Purushottam	500/-	Bairagi
3	Bhakare Krushna Ashok	500/-	Bhakare
4	Chaudhari Akshay Arun	500/-	Chaudhari A.A.
5	Chine Vaishali Satish	500/-	Chine V.
6	Dawange Rupali Machhindra	500/-	Dawange R.M.
7	Gade Sushant Pralhad	500/-	Gade Sushant
8	Garud Pranali Dilip	500/-	Garud
9	Ghule Prasad Maruti	500/-	Ghule
10	Gursal Pallavi Shankar	500/-	Gursal P.G.
11	Honde Karan Dhondiram	500/-	Honde
12	Jadhav Nilesh Sudhakar	500/-	Jadhav
13	Jadhav Sonali Pandurang	500/-	Jadhav
14	Makhija Ekta Satishkumar	500/-	Ekta M.
15	Mansuri Yasmeen Riyazuddin	500/-	Mansuri
16	Mutkule Shubhangi Bhalchandra	500/-	Mutkule
17	Pagare Preeti Bhausaheb	500/-	Pagare
18	Pande Snehal Sham	500/-	Pande Snehal P.
19	Pawar Sagar Anna	500/-	Pawar
20	Sabale Rahul Ramrao	500/-	Sabale
21	Shiledar Dattatraya Balasaheb	500/-	Shiledar
22	Gavali Rohit Vijay	500/-	Gavali
23	Galande Aditya Doulatrao	500/-	Galande
24	Ghare Suresh Daulat	500/-	Ghare



Rayat Shikshan Sanstha's

SSGM College, Kopargaon

Short Term Course- A Certificate Course in Dairy Science

Class- M.Sc.II Analytical Chemistry

Time Table -2018-19

December 2018

Monday (theory)	Tuesday (theory)	Wednesday (theory)
03/12/18 (PDK)	04/12/18 (PDK)	05/12/18 (PDK)
10/12/18 (RMD)	11/12/18 (RMD)	12/12/18 (RMD)
17/12/18 (PKS)	18/12/18 (PKS)	19/12/18 (PKS)
24/12/18 (AMN)	25/12/18 (PDK)	-

January 2019

Monday (theory)	Tuesday (theory)	Wednesday (theory)
07/01/2019 (PDK)	08/1/2019 (PDK)	09/01/2019 (PDK)
14/01/2019 (RMD)	22/01/2019 (RMD)	16/01/2019 (RMD)
21/01/2019 (PKS)	29/12/2019 (PKS)	23/01/2019 (PKS)

February 2019

Monday (Practical)	Tuesday (practical)	Wednesday (practical)
04/2/2019 (PDK)	05/2/2019(AKD)	06/2/202019 (RMD)
11/2/2019 (AKD)	12/2/2019 (PDK)	13/2/2019(AKD)
18/2/2019 (RMD)	26/2/2019 (PDK)	-



Rayat Shikshan Sanstha's

S.S.G.M. College, Kopergaon

2018-19

List of the students

Dairy Science

Sr. No.	Name of the students	03/12/18	04/12/18	05/12/18	10/12/18	11/12/18
1	Abhale Vrushlali Ashok	P	P	P	P	P
2	Bairagi Shantanu Purushottam	P	P	P	P	P
3	Bhakare Krushna Ashok	P	P	A	P	P
4	Chaudhari Akshay Arun	P	P	P	P	P
5	Chine Vaishali Satish	P	P	P	P	P
6	Dawange Rupali Machhindra	P	A	P	P	P
7	Gade Sushant Pralhad	P	P	P	P	P
8	Garud Pranali Dilip	P	P	P	P	P
9	Ghule Prasad Maruti	P	P	P	P	P
10	Gursal Pallavi Shankar	P	P	P	P	P
11	Honde Karan Dhondiram	P	P	P	P	P
12	Jadhav Nilesh Sudhakar	P	P	P	P	P
13	Jadhav Sonali Pandurang	P	P	P	P	P
14	Makhija Ekta Satishkumar	P	P	P	P	A
15	Mansuri Yasmeen Riyazuddin	P	P	P	P	P
16	Mutkule Shubhangi Bhalchandra	P	P	P	P	P
17	Pagare Preeti Bhausahab	P	P	P	P	P
18	Pande Snehal Sham	P	P	P	P	P
19	Pawar Sagar Anna	P	P	P	P	P
20	Sabale Rahul Ramrao	A	P	P	P	P
21	Shiledar Dattatraya Balasaheb	P	P	P	P	P
22	Gavali Rohit Vijay	P	P	P	P	P
23	Galande Aditya Doulatrao	P	P	P	P	P
24	Ghare Suresh Daulat	P	P	P	P	P



Rayat Shikshan Sanstha's

S.S.G.M. College, Kopergaon

Attendance List of the students

2018-19

Dairy Science

Sr. No.	Name of the students	07/01/19	08/01/19	09/01/19	22/01/19	23/01/19
1	Abhale Vrushlali Ashok	P	P	P	P	P
2	Bairagi Shantanu Purushottam	P	P	P	P	P
3	Bhakare Krushna Ashok	P	A	P	P	P
4	Chaudhari Akshay Arun	P	P	P	P	A
5	Chine Vaishali Satish	P	P	P	P	P
6	Dawange Rupali Machhindra	P	P	P	P	P
7	Gade Sushant Pralhad	P	P	P	P	P
8	Garud Pranali Dilip	P	P	P	P	P
9	Ghule Prasad Maruti	P	P	P	P	P
10	Gursal Pallavi Shankar	P	P	P	P	P
11	Honde Karan Dhondiram	A	P	P	P	P
12	Jadhav Nilesh Sudhakar	P	P	P	P	P
13	Jadhav Sonali Pandurang	P	P	P	P	P
14	Makhija Ekta Satishkumar	P	P	P	P	P
15	Mansuri Yasmeen Riyazuddin	P	P	P	P	P
16	Mutkule Shubhangi Bhalchandra	P	P	P	P	P
17	Pagare Preeti Bhausahab	P	P	P	P	P
18	Pande Snehal Sham	P	P	P	P	P
19	Pawar Sagar Anna	P	P	P	P	P
20	Sabale Rahul Ramrao	P	P	P	P	P
21	Shiledar Dattatraya Balasaheb	P	P	P	A	P
22	Gavali Rohit Vijay	P	P	P	P	P
23	Galande Aditya Doulatrao	A	P	P	P	P
24	Ghare Suresh Daulat	P	P	P	P	P



Rayat Shikshan Sanstha's

S.S.G.M. College, Kopergaon

Attendance List of the students

2018-19

Dairy Science

Sr. No.	Name of the students	16/01/19	21/01/19	04/02/19	05/2/19	06/2/19
1	Abhale Vrushlali Ashok	P	P	P	P	P
2	Bairagi Shantanu Purushottam	P	P	P	P	P
3	Bhakare Krushna Ashok	P	P	P	P	P
4	Chaudhari Akshay Arun	P	P	P	P	P
5	Chine Vaishali Satish	P	A	P	P	P
6	Dawange Rupali Machhindra	P	P	P	P	P
7	Gade Sushant Pralhad	P	P	P	P	P
8	Garud Pranali Dilip	P	P	P	P	P
9	Ghule Prasad Maruti	P	P	P	P	P
10	Gursal Pallavi Shankar	P	P	P	P	P
11	Honde Karan Dhondiram	P	P	P	P	P
12	Jadhav Nilesh Sudhakar	P	P	P	P	A
13	Jadhav Sonali Pandurang	P	P	P	P	P
14	Makhija Ekta Satishkumar	P	P	P	P	P
15	Mansuri Yasmeen Riyazuddin	P	P	P	P	P
16	Mutkule Shubhangi Bhalchandra	P	P	P	P	P
17	Pagare Preeti Bhausahab	A	P	P	P	P
18	Pande Snehal Sham	P	P	P	P	P
19	Pawar Sagar Anna	P	P	P	P	P
20	Sabale Rahul Ramrao	P	P	A	P	P
21	Shiledar Dattatraya Balasaheb	P	P	P	P	P
22	Gavali Rohit Vijay	P	P	P	P	P
23	Galande Aditya Doulatrao	P	P	P	P	P
24	Ghare Suresh Daulat	P	P	P	P	P



Rayat Shikshan Sanstha's

S.S.G.M. College, Kopergaon

Attendance List of the students

2018-19

Dairy ^{Chemical} Science

Sr. No.	Name of the students	11/2/19	12/2/19	13/2/19	18/2/19	26/2/19
1	Abhale Vrushlali Ashok	P	P	P	P	P
2	Bairagi Shantanu Purushottam	P	P	P	P	P
3	Bhakare Krushna Ashok	P	P	P	P	P
4	Chaudhari Akshay Arun	P	P	P	P	P
5	Chine Vaishali Satish	P	P	P	P	P
6	Dawange Rupali Machhindra	P	P	P	P	P
7	Gade Sushant Pralhad	P	P	P	P	A
8	Garud Pranali Dilip	P	P	P	P	P
9	Ghule Prasad Maruti	P	P	P	P	P
10	Gursal Pallavi Shankar	P	P	P	P	P
11	Honde Karan Dhondiram	P	P	P	P	P
12	Jadhav Nilesh Sudhakar	P	P	P	P	P
13	Jadhav Sonali Pandurang	P	P	P	P	P
14	Makhija Ekta Satishkumar	P	P	P	P	P
15	Mansuri Yasmeen Riyazuddin	P	A	P	P	P
16	Mutkule Shubhangi Bhalchandra	P	P	P	P	P
17	Pagare Preeti Bhausaheb	P	P	P	P	P
18	Pande Snehal Sham	P	P	P	P	P
19	Pawar Sagar Anna	P	P	P	P	P
20	Sabale Rahul Ramrao	P	P	P	P	P
21	Shiledar Dattatraya Balasaheb	P	P	P	P	P
22	Gavali Rohit Vijay	P	P	P	P	P
23	Galande Aditya Doulatrao	P	P	P	P	P
24	Ghare Suresh Daulat	P	P	P	P	P



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Rtyat Shikshan Sanstha's

S.S.G.M. College, Kopergaon, Dist- Ahmednagar
Department of Chemistry

2018 - 19**Question Paper of Short Term Course in Dairy Science****Que. Multiple Choice questions.****Total Marks: 50****N.B. 1. All questions are compulsory****2. Each question carry two marks.**

1. By regulation, milk from cows treated with antibiotics usually must be withheld for ___ hours.

- a) 48 - 72
- b) 30 - 60
- c) 48 - 108
- d) 72 - 96

2. Rules developed by the ___ are designed to protect the health and welfare of consumers.

- a) United States Department of Agriculture (USDA)
- b) Protein and Lactose Organization (PLO)
- c) Future Farmers of America (FFA)
- d) Food and Drug Administration (FDA)

3. What is the principal carbohydrate in the milks of all mammals?

- a. Lactose
- b. Glucose
- c. Sucrose
- d. Fructose

4. Percentage of water in buffalo milk is:-

- a. 65-67 %
- b. 70-75 %
- c. 80-85 %
- d. 87-90 %

Dairy Technology Mcq Questions

5. Soft fats in milk fat are:-

- a. Lauric & Stearic
- b. Capric & Lauric
- c. Oleic & Butyric
- d. Oleic & Lauric

6. Principal protein in milk is:-

- a. Albumin
- b. Lactalbumin
- c. Casein
- d. Lactoglobulin

7. Percentage of mineral matter in milk is about :-

- a. 1 %
- b. 0.7 %
- c. 1.5 %
- d. 0.05 %

8. Example of soft cheese is:-

- a. Cheddar
- b. Swiss
- c. Brick
- d. Cottage

9. Under which of the following weather conditions would you expect to observe the greatest decrease in milk yield per cow?

- a) Cold and dry
- b) Hot and humid
- c) Cool and humid
- d) Warm and dry

10. Mixture of milk and cream containing not less than 10.5 percent milk fat, but less than 18 percent milk fat, is the definition of?

- a) Light whipping cream
- b) Light cream
- c) Half-and-half
- d) Heavy cream

Dairy Technology Mcq Questions

11. The feed additive isoacid gives a ___ pound daily milk response, with maximum response in early lactation.

- a) 2 to 4
- b) 4 to 6
- c) 6 to 8
- d) 8 to 10

Dairy Technology Mcq Questions

12. Lactose has water solubility of

- a. 100%
- b. 50%
- c. 18%
- d. 25%

13. Which enzyme is tested for cream pasteurization?

- a. Plasmin
- b. Phosphatas
- c. Catalase
- d. peroxidase

14. Milk is a good source of all water-soluble vitamins except for ___

- a) Cyanocobalmin
- b) Riboflavin
- c) Ascorbic Acid
- d) Thiamine

15. ___ is a milk process that makes milk more easily digested by those with a sensitive digestive system.

- a) Ionization
- b) Evaporation
- c) Pasteurization
- d) Homogenization

16. ___ amino acids are commonly found in milk proteins, including the essential amino acids.

- a) 7
- b) 12
- c) 14
- d) 19

17. Summer milk has been estimated to contain 1.6 times as much vitamin ___ as winter milk.

- a) A
- b) B
- c) C
- d) D

18. The milk becomes the property of the buyer once ?

- a) The transport truck reaches the plant
- b) It is loaded into the transport truck on the farm

- c) The transport truck leaves the farm
d) It is unloaded into the processor's bulk tanks
19. Cows with ___ have a higher incidence of mastitis because physical injury is more likely.
- a) Sickled hocks
 - b) Horns
 - c) Lower foot angles
 - d) Pendulous udders
20. Of the listed below products, which contains no dairy ingredients?
- a) Gelato
 - b) Sherbet
 - c) Custard
 - d) Sorbet
21. As it comes from a cow, the solids portion of milk contains approximately 3.7 percent fat and ___ percent solids-not-fat.
- a) 3%
 - b) 6%
 - c) 9%
 - d) 12%
22. Milk contains 87 % water and the rest is solids and fats. Which of the following is not included as milk solid?
- a) Protein
 - b) Water
 - c) Carbohydrate
 - d) Milk Fat
23. The part of the mammary gland where milk is produced is called:
- a) Capillary
 - b) Teat Cistern
 - c) Chine
 - d) Alveolus
24. The heritability of the traits for milk production is:
- a) 15%
 - b) 25%
 - c) 55%
 - d) 100%
25. The Primary Milk carbohydrate is:
- a) Leucine
 - b) Sucrose
 - c) Arginine
 - d) Lactose

Rayat Shikshan Sanstha's
S.S.G.M. College, Kopergaon

Internal Test result

Dairy Science

2018-19

Sr. No.	Name of the students	Internal Test
1	Abhale Vrushlali Ashok	41/50
2	Bairagi Shantanu Purushottam	45/50
3	Bhakare Krushna Ashok	48/50
4	Chaudhari Akshay Arun	42/50
5	Chine Vaishali Satish	38/50
6	Dawange Rupali Machhindra	47/50
7	Gade Sushant Pralhad	46/50
8	Garud Pranali Dilip	40/50
9	Ghule Prasad Maruti	40/50
10	Gursal Pallavi Shankar	46/50
11	Honde Karan Dhondiram	39/50
12	Jadhav Nilesh Sudhakar	44/50
13	Jadhav Sonali Pandurang	44/50
14	Makhija Ekta Satishkumar	48/50
15	Mansuri Yasmeen Riyazuddin	35/50
16	Mutkule Shubhangi Bhalchandra	37/50
17	Pagare Preeti Bhausahab	45/50
18	Pande Snehal Sham	39/50
19	Pawar Sagar Anna	43/50
20	Sabale Rahul Ramrao	42/50
21	Shiledar Dattatraya Balasaheb	46/50
22	Gavali Rohit Vijay	45/50
23	Galande Aditya Doulatrao	49/50
24	Ghare Suresh Daulat	45/50

Rayat shikshan Sanstha's
SSGM College, Kopargaon
Short term Course: Dairy Chemical Science
Class: T.Y.B.Sc. 2018-2019

Feedback form

How you like this activity

Please tick(✓) on the appropriate option

Criteria	Excellent	Very Good	Good	Average	Poor
Content of the curriculum	✓				
Quality of Lectures		✓			
Quality of practicals	✓				
Arrangement of tour and hands on training collaboratively organized	✓				
Is the course is applicable for entrepreneurship development in your future life		Yes ✓			
Overall Evaluation of the Course		✓			
Is the course is beneficial for students & parents as far as environment & crop production is concerned	Yes				

Name of the student: Abhale Rushali Ashok

Class : T.Y.B.Sc

Rayat shikshan Sanstha's
SSGM College, Kopargaon

Short term Course: Dairy Chemical Science

Class: T.Y.B.Sc. 2018-2019

Feedback form

How you like this activity?

Please tick(✓) on the appropriate option

Criteria	Excellent	Very Good	Good	Average	Poor
Content of the curriculum		✓			
Quality of Lectures	✓				
Quality of practicals	✓				
Arrangement of tour and hands on training collaboratively organized		✓			
Is the course is applicable for entrepreneurship development in your future life	Yes				
Overall Evaluation of the Course	✓				
Is the course is beneficial for students & parents as far as environment & crop production is concerned		Yes			

Name of the student: Gade Sushant Pralhad

Class : T.Y.B.Sc

Rayat Shikshan Sanstha's
Shri Sadguru Gangageer Maharaj Science, Gautam Arts & Sanjivani Commerce
College, Kopargaon. Dist-Ahmednagar-423601.

2018-19
Report

The department of chemistry conducted a Short Term Course entitled **Dairy Science**. Total 24 students of M. Sc. Analytical Chemistry were admitted in the course. The duration of course was three months. The course was conducted satisfactorily by the Department of chemistry.




Head,
Department of Chemistry,
S.S.G.M. College, Kopargaon.
S.S.G.M. College, Kopargaon



Education Through Self - Help is our Motto" - Karmaveer

Rayat Shikshan Sanstha's

Shri Sadguru Gangageer Maharaj Science,
Gautam Arts & Sanjivani Commerce College



Kopergaon, Dist. Ahmednagar (M.S.)

Short Term Course

CERTIFICATE OF COMPLETION

This is to Certify that Shri/Kum. Gihule Prasad Mareuti
of Class T.Y B.sc. has Completed Short Term Course in Dairy Science.
_____ conducted by the department of Chemistry.
during the academic year 2018 /2019


Course Co-ordinator


Co-ordinator


Principal
S.S.G.M.College
Kopergaon