

Arts, Science & Commerce College, Ramanandnagar

Department of Physics

2018-19

Capsule Courses

ANNUAL- REPORT

To enhance the hidden activity of the students studying in B.Sc. III Physics, the department decided to continue all three capsule courses entitled- "How to handle Electric Equipments", "How to handle Electric Equipments "Importance of Earthing". So, with the kind permission of the Hon. Principal, the Department of Physics of our college conducted one day capsule course entitled- "How to handle Electric Equipments" in the month of Aug.2019, second course entitled "How To Test Electric Domestic Equipments" in the month Sept 2019 and third one capsule course, entitled, "Importance of Earthing; to Repair Electric Home Appliances" in the month of Oct.2018. All the three courses were made mandatory for the students studying in the final year of B.Sc. Physics.

In this first capsule course "How to handle Electric Equipments", Prof. P.K. Bhagyawant explained the handling of many electric appliances practically, where as Prof. Thorat J. B. explained the precautions to be taken while handling these various electric equipments.

Whereas, in the second and third one day capsule courses, Prof. Bhagyawant, Prof. Maske K.D. & Thorat J. B. explained & demonstrated the various methods employed in the testing, repairing of Electric Domestic Equipments.

The total no. of students benefited by these courses was 13. After the completion of the course the student will be able to carefully handle, test and repair many kinds of daily usable electric appliances / equipments such as home theater, electric irons, electric fans etc.



Head,

Dept. of Physics

Department of Physics
Arts, Science & Commerce College
Ramanandnagar (Burli)

Rayat Shikshan Sanstha's

Arts, Science and Commerce College, Ramanandnagar (Burli)

Department- Physics

Value Added Course

Year: 2018-19

Constitution of Committee

During the academic year 2020-21 the Department of Physics runs the Value added Courses named "Importance Of Earthing ", " How to handle electric domestic appliances", "How to test electric domestic appliances" for B.Sc. III students.

Rayat Shikshan Sanstha's

Arts, Science & Commerce College Ramanandnagar (Burli)

Department of Physics

Value Added Course

How to Handle Electric Domestic Appliances

Year:- 2018-19

Objectives

- ❖ To give the knowledge about the handling of the electric domestic appliances like fan, iron, refrigerator etc.
- ❖ To start repairing and maintenance of electric domestic appliances for earning.
- ❖ To increase self employment among the students.
- ❖ To render help to their family in wise handling electric domestic appliances.



**Head
Dept. of Physics**

Rayat Shikshan Sanstha's

Arts, Science & Commerce College Ramanandnagar (Burli)

Department of Physics

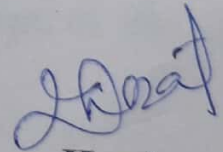
Value Added Course

How to Test Electric Domestic Appliances

Year:- 2018-19

Objectives

- ❖ To give the knowledge about the testing of the electric domestic appliances like fan, iron, refrigerator, tube light mixer, heater etc.
- ❖ To start repairing and maintenance of electric domestic appliances for earning.
- ❖ To give knowledge about the selection of the best quality electrical appliances.
- ❖ To increase employability among the students.
- ❖ To render help to their family in wise testing electric domestic appliances.
- ❖ Students help to their family to purchase of good quality electric appliances.



**Head
Dept. of Physics**

Rayat Shikshan Sanstha's

Arts, Science & Commerce College Ramanandnagar (Burli)

Department of Physics

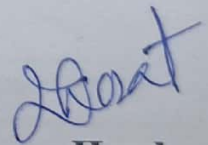
Value Added Course

Importance of Earthing

Year:- 2018-19

Objectives

- ❖ To make the student to aware about the process of earthing.
- ❖ To create awareness in the society about importance of earthing and its benefits to the different instruments.
- ❖ To make the students able to escape house current from short circuit.



**Head
Dept. of Physics**

Rayat Shikshan Sanstha's
Arts, Science & Commerce College, Ramanandnagar (Burli)
Department of Physics
Value Added Courses Syllabus

1. How to Handle the Electric Equipments

Maintenance of electric appliances

Precautions to be taken during the use of electric appliances.

2. How To Test Electric Domestic Equipments

Ways of testing electric equipments- using test lamp & using continuity tester.

Testing of tube light, testing of choke, testing of starter.

Testing of ceiling fan, condenser testing, testing of windings.

3. Repair electric home appliances

Repairing of electric home appliances:-

To repair ordinary electric iron.

To repair automatic electric iron.

To repair the tube light.

To repair the table fan.

Rayat Shikshan Sanstha's

Arts, Science and Commerce College, Ramanandnagar (Burli)

Department- Physics

Value Added Course

Year: 2018-19

Annual Planning

Sr. No.	Month	Particulars
1.	June	
2.	July	Constitution of Committee
3.	August	Time Table Distribution of the syllabus to concerned faculty. Lectures and Practicals
4.	September	Lectures and Practicals
5.	October	Lectures and Practicals
6.	November	Meeting of the committee about the syllabus completion and arrangement of Exam
7.	December	Take exam of all students and check the answer sheets
8.	January	
9.	February	
10.	March	
11.	April	

Zhorat

Head

Department of Physics
Arts Science & Commerce College,
Ramanandnagar (Burli)

Rayat Shikshan Sanstha's

Arts, Science and Commerce College, Ramanandnagar (Burli)

Department- Physics

Value Added Course

Year: 2018-19

Notice -01

Date: 27/07/2018

All the faculty and members of the committee are informed that the value added course committee meeting will be held on 28/07/2018 in department at 04:00pm. to discuss following subject.

Agenda:

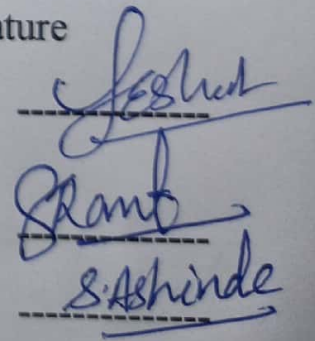
- 1) Discussion on conduction of value added course during current academic year 2020-21 and to get the permission to conduct value added course named "Importance of Earthing".
- 2) To discuss on notice to student.
- 3) To discuss about the intake capacity of course.
- 4) Distribution of syllabus.
- 5) To discuss on weekly time table.

Chairman: Mr. Bhagyawant P. K.

Member: Dr. Raut. V.S.

Ms. Shinde. A. S.

Signature


The image shows three handwritten signatures in blue ink, each written over a horizontal dashed line. The top signature is the most legible and appears to be 'S. Shinde'. The middle signature is less legible but seems to be 'V.S. Raut'. The bottom signature is also less legible but appears to be 'Bhagyawant P. K.'.

Rayat Shikshan Sanstha's
Arts, Science and Commerce College, Ramanandnagar (Burli)

Department- Physics

Value Added Course

Year: 2018-19

Proceeding of Meeting No.-01

Date: 28/07 /2018

Meeting of the committee members was held in the department on 27/07/2018 at 04.00pm. The following findings were made.

- 1) Value added course is run by the department of Physics A.S.C. College Ramanandnagar (Burli), Shivaji University, Kolhapur. So it is necessary to get the permission to conduct the course.
- 2) If the permission is granted then the courses will be launched to B.Sc. III year student.
- 3) These courses will be held free of cost and certificates will be provided after successful completion of course.
- 4) Discussed about the syllabus distribution and the preparation of time table.

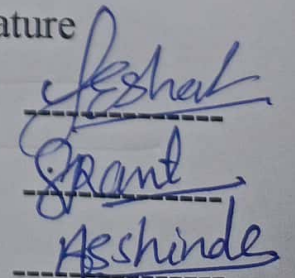
Following member were present for the meeting

Chairman: Mr. Bhagyawant P. K.

Member: Dr. Raut.V.S.

Ms. Shinde. A. S.

Signature


The image shows three handwritten signatures in blue ink, each written over a horizontal dashed line. The signatures are: 'Bhagyawant P. K.', 'Dr. Raut V. S.', and 'Ms. Shinde A. S.'.

Rayat Shikshan Sanstha's
Arts, Science & Commerce College, Ramanandnagar
Department of Physics

2018-19

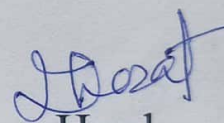
Capsule Course

Time table

Name of the Course: How to Handle the Electric Equipments

Month: August

Sr. No.	Theory/practical	Time	Friday	Saturday
1	Theory	02:00pm to 03:00pm	JBT	JBT
2	Practical	03:00pm to 05:15pm	KDM/JBT	KDM/JBT


Head

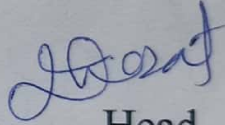
Dept. of Physics

Rayat Shikshan Sanstha's
Arts, Science & Commerce College, Ramanandnagar
Department of Physics
2018-19
Capsule Course
Time table

Name of the Course: How to Test Electric Domestic Equipments

Month: September

Sr. No.	Theory/practical	Time	Friday	Saturday
1	Theory	02:00pm to 03:00pm	JBT	JBT
2	Practical	03:00pm to 05:15pm	KDM/JBT	KDM/JBT


Head
Dept. of Physics

Rayat Shikshan Sanstha's
Arts, Science & Commerce College, Ramanandnagar
Department of Physics

2018-19

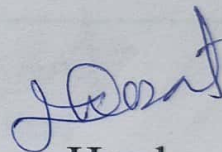
Capsule Course

Time table

Name of the Course: Importance of Earthing, To Repair Electric Home Appliances

Month: October

Sr. No.	Theory/practical	Time	Friday	Saturday
1	Theory	02:00pm to 03:00pm	JBT	JBT
2	Practical	03:00pm to 05:15pm	KDM/JBT	KDM/JBT



Head
Dept. of Physics

Rayat Shikshan Sanstha's
ARTS, SCIENCE & COMMERCE COLLEGE, Ramanandnagar

Dept. of PHYSICS

Academic Year 2018-19

CLASS B.Sc. III YEAR

LIST OF STUDENTS Appeared for Capsule Course No. 01

Name of Capsule Course - *How to Handle the Electric Equipments*

Sr. No	Roll No.	Sex	NAME OF THE CANDIDATE
1	2216	M	DESHMUKH AMIT SHIVAJI
2	2217	M	JADHAV SAURABH ASHOK
3	2219	F	MORE SUPRIYA JAYWANT
4	2220	F	MULIK KISHORI KRISHNAJI
5	2221	F	NADAF ANJUM ABDULLA
6	2222	F	NAZARE SWAPNALI BHANUDAS
7	2223	F	PATIL PRATIKSHA LALASO
8	2224	F	AUTE TEJASWI ASHOK
9	2225	F	RADE VRUSHALI JAYWANT
10	2226	M	SALUNKHE OMKAR LALASO
11	2227	M	SHINDE OMKAR TUKARAM
12	2228	M	SORATE SANGRAM UTTAM
13	2229	F	SUTAR TRUPTI SHANKAR

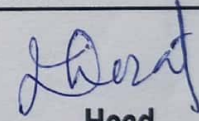
Head

Dept. of Physics

Rayat Shikshan Sanstha's
ARTS, SCIENCE & COMMERCE COLLEGE, Ramanandnagar
Dept. of PHYSICS
Academic Year 2018-19
CLASS B.Sc. III YEAR

LIST OF STUDENTS Appeared for Capsule Course No. 02
Name of Capsule Course - *How to Test Electric Domestic Equipments*

Sr. No	Roll No.	Sex	NAME OF THE CANDIDATE
1	2216	M	DESHMUKH AMIT SHIVAJI
2	2217	M	JADHAV SAURABH ASHOK
3	2219	F	MORE SUPRIYA JAYWANT
4	2220	F	MULIK KISHORI KRISHNAJI
5	2221	F	NADAF ANJUM ABDULLA
6	2222	F	NAZARE SWAPNALI BHANUDAS
7	2223	F	PATIL PRATIKSHA LALASO
8	2224	F	AUTE TEJASWI ASHOK
9	2225	F	RADE VRUSHALI JAYWANT
10	2226	M	SALUNKHE OMKAR LALASO
11	2227	M	SHINDE OMKAR TUKARAM
12	2228	M	SORATE SANGRAM UTTAM
13	2229	F	SUTAR TRUPTI SHANKAR



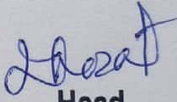
Head
Dept. of Physics

Rayat Shikshan Sanstha's
ARTS, SCIENCE & COMMERCE COLLEGE, Ramanandnagar
Dept. of PHYSICS
Academic Year 2018-19
CLASS B.Sc. III YEAR

LIST OF STUDENTS Appeared for Capsule Course No. 03

Name of Capsule Course - Importance of the Earthing; To Repair Electric Home Appliances

Sr. No	Roll No.	Sex	NAME OF THE CANDIDATE
1	2216	M	DESHMUKH AMIT SHIVAJI
2	2217	M	JADHAV SAURABH ASHOK
3	2219	F	MORE SUPRIYA JAYWANT
4	2220	F	MULIK KISHORI KRISHNAJI
5	2221	F	NADAF ANJUM ABDULLA
6	2222	F	NAZARE SWAPNALI BHANUDAS
7	2223	F	PATIL PRATIKSHA LALASO
8	2224	F	AUTE TEJASWI ASHOK
9	2225	F	RADE VRUSHALI JAYWANT
10	2226	M	SALUNKHE OMKAR LALASO
11	2227	M	SHINDE OMKAR TUKARAM
12	2228	M	SORATE SANGRAM UTTAM
13	2229	F	SUTAR TRUPTI SHANKAR


Head
Dept. of Physics

Rayat Shikshan Sanstha's

Arts, Science and Commerce College, Ramanandnagar (Burli)

Department- Physics

Value added courses

Year: 2018-19

Notice -02

Dates: 15/11/2018

All the faculty and members of the committee are informed that the value added course committee meeting will held on 15/11/2018 in department at 04:30pm. to discuss following subject.

Agenda:

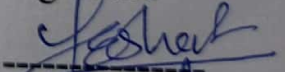

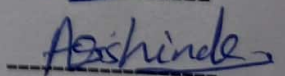
1. To take the review of the syllabus completion
2. To conduct practical and theory exams as per the guidelines of the department of Adult and Continuing Education & Extension Work, Shivaji University, Kolhapur.

Chairman: Mr. Bhagyawant P. K.

Member: Dr. Raut.V.S.

Ms. Shinde. A. S.

Signature

Rayat Shikshan Sanstha's

Arts, Science and Commerce College, Ramanandnagar (Burli)

Department- Physics

Value added courses

Year: 2018-19

Proceeding of Meeting No-02

Date: 15/11/2018

Meeting of the committee members was held in the department on 15/11/2018 at 04.30 pm. The following discussion was made.

1. review syllabus completion and give necessary suggestions to the faculties to complete it.
2. Discussion is made about the conduction of practical and theory exams as per the guidelines of the Karmveer Vidya Prabodhini, Rayat Shikshan Sanstha Satara.

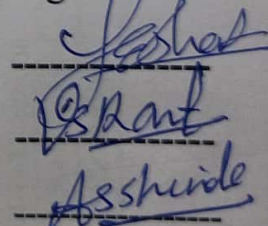
Following members were present for the meeting.

Chairman: Mr. Bhagyawant P. K.

Member: Dr. Raut.V.S.

Ms. Shinde. A. S.

Signature



Rayat Shikshan Sanstha's
ARTS, SCIENCE & COMMERCE COLLEGE, Ramanandnagar (Burla)
Dept. of PHYSICS

Academic Year 2018-19


CLASS B.Sc. III YEAR

Student Presenty

Name of the Course: How to Handle the Electric Equipments

Month: August

Sr.No.	Name of the Student	Date												
		3/8/2018	4/8/2018	10/8/2018	11/8/2018	24/8/2018	25/8/2018	31/8/2018	01/09/2018					
1	DESHMUKH AMIT SHIVAJI	P	P	.	P	P	P	P	P	P	P	P	P	P
2	JADHAV SAURABH ASHOK	P	P	.	P	P	P	P	P	P	P	P	P	P
3	MORE SUPRIYA JAYWANT	P	P	P	P	P	P	P	P	P	P	P	P	P
4	MULIK KISHORI KRISHNAJI	P	P	P	P	P	P	P	P	P	P	P	P	P
5	NADAF ANJUM ABDULLA	P	P	P	P	P	P	P	P	P	P	P	P	P
6	NAZARE SWAPNALI BHANUDAS	P	P	P	P	P	P	P	P	P	P	P	P	P
7	PATIL PRATIKSHA LALASO	P	P	P	P	P	P	P	P	P	P	P	P	P
8	AUTE TEJASWI ASHOK	P	P	P	P	P	P	P	P	P	P	P	P	P
9	RADE VRUSHALI JAYWANT	P	P	P	P	P	P	P	P	P	P	P	P	P
10	SALUNKHE OMKAR LALASO	P	P	P	P	P	P	P	P	P	P	P	P	P
11	SHINDE OMKAR TUKARAM	P	P	P	P	P	P	P	P	P	P	P	P	P
12	SORATE SANGRAM UTTAM	P	P	P	P	P	P	P	P	P	P	P	P	P
13	SUTAR TRUPTI SHANKAR	P	P	P	P	P	P	P	P	P	P	P	P	P


 Head
 Department of Physics
 Arts, Science & Commerce College,
 Ramanandnagar (Burla)

Rayat Shikshan Sanstha's
ARTS, SCIENCE & COMMERCE COLLEGE, Ramanandnagar (Burlfi)

Dept. of PHYSICS
Academic Year 2018-19
CLASS B.Sc. III YEAR
Student Presenty

Name of the Course: How to Test Electric Domestic Equipments

Month: September - October

Sr.No.	Name of the Student	Date							
		21/09/2018	22/09/2018	28/09/2018	29/09/2018	6/10/2018	7/10/2018		
1	DESHMUKH AMIT SHIVAJI	P	P	P	P	P	P		
2	JADHAV SAURABH ASHOK	P	P	P	P	P	P		
3	MORE SUPRIYA JAYWANT	P	P	P	P	P	P		
4	MULIK KISHORI KRISHNAJI	P	P	P	P	P	P		
5	NADAF ANJUM ABDULLA	P	P	P	P	P	P		
6	NAZARE SWAPNALI BHANUDAS	P	P	P	P	P	P		
7	PATIL PRATIKSHA LALASO	P	P	P	P	P	P		
8	AUTE TEJASWI ASHOK	P	P	P	P	P	P		
9	RADE VRUSHALI JAYWANT	P	P	P	P	P	P		
10	SALUNKHE OMKAR LALASO	P	P	P	P	P	P		
11	SHINDE OMKAR TUKARAM	P	P	P	P	P	P		
12	SORATE SANGRAM UTTAM	P	P	P	P	P	P		
13	SUTAR TRUPTI SHANKAR	P	P	P	P	P	P		

[Signature]

Head
Department of Physics
Arts, Science & Commerce College,
Ramanandnagar (Burlfi)

Rayat Shikshan Sanstha's
ARTS, SCIENCE & COMMERCE COLLEGE, Ramanandnagar (Burlfi)

Dept. of PHYSICS
Academic Year 2018-19
CLASS B.Sc. III YEAR
Student Presenty

Name of the Course: Importance of Earthing; To Repair Electric Home Appliances

Month: Oct - Nov.

Sr.No.	Name of the Student	Date								
		12/10/18	13/10/18	14/10/18	15/10/18	20/10/18	21/10/18	26/10/18	27/10/18	
1	DESHMUKH AMIT SHIVAJI	P	P	P	P	P	P	P	P	
2	JADHAV SAURABH ASHOK	P	P	P	P	P	P	P	P	
3	MORE SUPRIYA JAYWANT	P	P	P	P	P	P	P	P	
4	MULIK KISHORI KRISHNAJI	P	P	P	P	P	P	P	P	
5	NADAF ANJUM ABDULLA	P	P	P	P	P	P	P	P	
6	NAZARE SWAPNALI BHANUDAS	P	P	P	P	P	P	P	P	
7	PATIL PRATIKSHA LALASO	P	P	P	P	P	P	P	P	
8	AUTE TEJASWI ASHOK	P	P	P	P	P	P	P	P	
9	RADE VRUSHALI JAYWANT	P	P	P	P	P	P	P	P	
10	SALUNKHE OMKAR LALASO	P	P	P	P	P	P	P	P	
11	SHINDE OMKAR TUKARAM	P	P	P	P	P	P	P	P	
12	SORATE SANGRAM UTTAM	P	P	P	P	P	P	P	P	
13	SUTAR TRUPTI SHANKAR	P	P	P	P	P	P	P	P	

(Signature)

Head

Department of Physics
Arts, Science & Commerce College
Ramanandnagar (Burlfi)

Rayat Shikshan Sanstha's
Dr. Patnagrao Kadam Mahavidyalaya, Ramanandnagar (Burli)

Department of Physics

Value Added Course Theory Examination 2018-19

How to Handle Electric Domestic Appliances

Name of the Student :

Date :

Roll No:

Total Marks : 20

Class :

Time : 11:30 to 12:00 pm

PRN:

Marks obtained :

- Instructions :** 1. Each question carries two marks
2. All questions are mandatory.

1. Following equipment is used to limit short circuit current level in a Sub Station.....

- A. Isolator
C. Coupling capacitor

- B. Lightning switch
D. Series reactor

2. The ground wire is coloured

- A. Green
C. Yellow

- B. Black
D. Red

3. Grounding transformer is used where neutralavailable

- A. Is
C. Either A or B

- B. Is not
D.. None of the above

4. The advantage of neutral earthing is.....

- A. Freedom from persistent arcing grounds
C. Simplified design earth fault protection

- B. safety of personnel
D. All of the above

5. In a star connected system without neutral grounding, zero sequence currents are

- A. Zero
C. Same as r.m.s. value of phase currents

- B. Phaser sum of phase currents
D. Same as peak value of phase currents

6. The over voltage surge in power systems may be caused by

- A. Lightning
- C. Switching

- B. Resonance
- D. All of the above

7. The neutral wire is coloured

- A. Red
- C. Black

- B. Blue
- D. Yellow

8. Solid grounding is adopted for voltages below

- A. 100 V
- C. 660 V

- B. 200 V
- D. 400 V

9. The ground wire is coloured

- A. Green
- C. Yellow

- B. Black
- D. Red

10. Most of the substations in the power system changeof electric supply.

- A. Current level
- C. Both A and B

- B. Voltage level
- D. None of the above

SPACE FOR ROUGH WORK

Rayat Shikshan Sanstha's
Dr. Patnagrao Kadam Mahavidyalaya, Ramanandnagar (Burli)
Department of Physics

Value Added Course Theory Examination 2018-19

How to Test Electric Domestic Appliances

Name of the Student :

Date :

Roll No:

Total Marks : 20

Class :

Time : 11:30 to 12:00 pm

PRN:

Marks obtained :

- Instructions :** 1. Each question carries two marks
2. All questions are mandatory.

1. The neutral wire is coloured

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- A. Zero
C. Same as r.m.s. value of phase currents
above

- B. Phaser sum of phase currents
D. Same as peak value of phase currents

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- A. Is
C. Either A or B

- B. Is not
D.. None of the above

6. The ground wire is coloured

- A. Green
- C. Yellow

- B. Black
- D. Red

7. Following equipment is used to limit short circuit current level in a Sub Station.....

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- A. Current level
- C. Both A and B

- B. Voltage level
- D. None of the above

SPACE FOR ROUGH WORK

Rayat Shikshan Sanstha's
Dr. Patnagrao Kadam Mahavidyalaya, Ramanandnagar (Burli)
Department of Physics

Value Added Course Theory Examination 2018-19

Importance of Earthing

Name of the Student :
Date :
Roll No:
Total Marks : 20

Class :
Time : 11:30 to 12:00 pm
PRN:
Marks obtained :

Instructions : 1. Each question carries two marks
2. All questions are mandatory.

1. Most of the substations in the power system changeof electric supply.

- A. Current level
- C. Both A and B

- B. Voltage level
- D. None of the above

2. Earthing is necessary to give protection against

- A. Danger of electric shock
- C. Overloading

- B. Voltage fluctuation
- D. High temperature of the conductors

3. Solid grounding is adopted for voltages below

- A. 100 V
- C. 660 V

- B. 200 V
- D. 400 V

4. The advantage of neutral earthing is.....

- A. Freedom from persistent arcing grounds
- C. Simplified design earth fault protection

- B. safety of personnel
- D. All of the above

5. In a star connected system without neutral grounding, zero sequence currents are

- A. Zero
- C. Same as r.m.s. value of phase currents

- B. Phaser sum of phase currents
- D. Same as peak value of phase currents

6. The over voltage surge in power systems may be caused by

- A. Lightning
- C. Switching

- B. Resonance
- D. All of the above

7. The neutral wire is coloured

- A. Red
- C. Black

- B. Blue
- D. Yellow

8. Grounding transformer is used where neutralavailable

- A. Is
- C. Either A or B

- B. Is not
- D. None of the above

9. The ground wire is coloured

- A. Green
- C. Yellow

- B. Black
- D. Red

10. Following equipment is used to limit short circuit current level in a Sub Station.....

- A. Isolator
- C. Coupling capacitor

- B. Lightning switch
- D. Series reactor

SPACE FOR ROUGH WORK

Rayat Shikshan Sanstha's
Arts, Science and Commerce College, Ramanandnagar (Burli)

Department of Physics

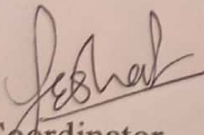
Value Added Course

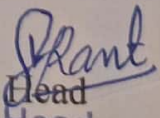
"How to Test Electric Domestic Appliances"

Final Result

2018-19

Sr. No.	Roll. No	Name of the student	Theory 20	Practical 30	Total 50
1	2216	Deshmukh Amit Shivaji	18	27	45
2	2217	Jadhav Saurabh Ashok	17	29	46
3	2219	More Supriya Jaywant	20	28	48
4	2220	Mulik Kishori Krishnaji	19	28	47
5	2221	Nadaf Anjum Abdulla	20	25	45
6	2222	Nazare Swapnali Bhanudas	18	25	43
7	2223	Patil Pratiksha Lalaso	19	26	45
8	2224	Aute Tejaswi Ashok	18	27	45
9	2225	Rade Vrushali Jaywant	18	28	46
10	2226	Salunkhe Omkar Lalaso	20	28	48
11	2227	Shinde Omkar Tukaram	20	29	49
12	2228	Sorate Sangram Uttam	18	30	48
13	2229	Sutar Trupti Shankar	19	27	46


Coordinator

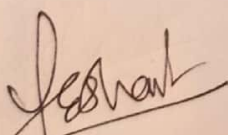

Head
Head
Department of Physics
Arts, Science & Commerce College,
Ramanandnagar (Burli)

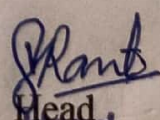
Rayat Shikshan Sanstha's
Arts, Science and Commerce College, Ramanandnagar (Burli)
Department of Physics
Value Added Course
"How to Handle Electric Domestic Appliances"

Final Result

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4	2220	Mulik Kishori Krishnaji	20	27	47
5	2221	Nadaf Anjum Abdulla	13	29	42
6	2222	Nazare Swapnali Bhanudas	19	24	43
7	2223	Patil Pratiksha Lalaso	18	29	47
8	2224	Aute Tejaswi Ashok	18	27	45
9	2225	Rade Vrushali Jaywant	20	29	49
10	2226	Salunkhe Omkar Lalaso	19	29	48
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Coordinator


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Department of Physics
Arts, Science & Commerce College,
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Department of Physics

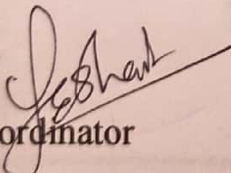
Value Added Course

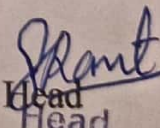
"Importance of Earthing"

Final Result

2018-19

Sr. No.	Roll. No	Name of the student	Theory 20	Practical 30	Total 50
1	2216	Deshmukh Amit Shivaji	20	28	48
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3	2219	More Supriya Jaywant	20	27	47
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Coordinator


Head
Department of Physics
Arts, Science & Commerce College,
Ramanandnagar (Burli)



Rayat Shikshan Sanstha's
ARTS, SCIENCE AND COMMERCE COLLEGE,
RAMANANDNAGAR (BURLI)
Tal- Palus, Dist- Sangli



CERTIFICATE

This is to certify that *Mr./Miss./Mrs.* _____

*of B.Sc.III Physics has successfully completed the Value added Course
"Importance of the Earthing" in the year 2018-19.*

Co-coordinator

**Head
Department of Physics.**

Principal



Rayat Shikshan Sanstha's
ARTS, SCIENCE AND COMMERCE COLLEGE,
RAMANANDNAGAR (BURLI),
Tal- Palus, Dist- Sangli



CERTIFICATE

This is to certify that *Mr./Miss./Mrs.*

of B.Sc. III Physics has successfully completed the Value added Course

"How to Test Electric Domestic Equipments" in the year 2018-19.

Head
Department of Physics.

Principal



Rayat Shikshan Sanstha's
ARTS, SCIENCE AND COMMERCE COLLEGE,
RAMANANDNAGAR (BURLI)
Tal- Palus, Dist- Sangli



CERTIFICATE

This is to certify that Mr./Miss./Mrs.

of B.Sc.III Physics has successfully completed the Value added Course

"How to Handle the Electric Equipment" in the year 2018-19.

• **Head**

Department of Physics.

Principal

Rayat Shikshan Sanstha's

Arts, Science and Commerce College, Ramanandnagar (Burli)

Department- Physics

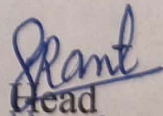
Short Term and Value added courses

Year: 2018-19

Experiential feelings

After completion of the value added course "Importance of Earthing", "How to handle electric domestic appliances", the students admitted to this courses gained fruitful knowledge about importance of earthing to the devices. Because of the lack of information about appliances, several mishaps are caused. The students gave proper information about this appliances to people in the society. All students went from home to home and shared knowledge regarding the electric appliances.

The handling of the appliances is very easy with prior knowledge of how devices work, therefore it is necessary to know about the appliances. This was achieved by this value added course altogether.


Head
Head
Department of Physics
Arts, Science & Commerce College,
Ramanandnagar (Burli)