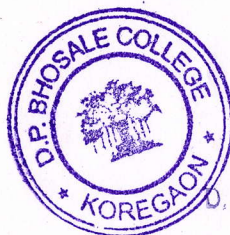



Rayat Shikshan Sanstha's,
D. P. Bhosale College, Koregaon

Department of Physics

Short-Term Course 2017-18

Students of the class B.Sc. III are admitted to the course "Maintenance and Repairs of Electrical and Domestic Appliance" (MREDA)". The students were attended the classes as per short term course time table regularly. The Department was organized the examination on theory as well as practicals. The 16 students appeared and obtained A grade for said examination. The certificates were issued to the students after completing this course. The students were benefited by the knowledge of "Maintenance and Repairs of Electrical and Domestic Appliance". This course was organized during the academic years 2017-18.



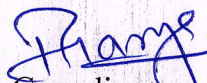

Head
Department of Physics
D. P. Bhosale College, Koregaon

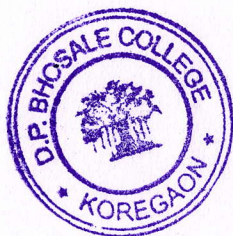
Rayat Shikshan Sanstha's
D.P. Bhosale College, Koregaon.
Department of Vocational Courses
2017-2018

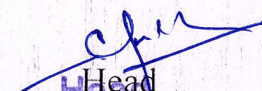
Autonomous (Self Financed) Short term certificate course.
Maintenance & Repairs Of Electrical Domestic Appliances

TIME TABLE:
Theory and Practical (Per week)

TIME	MON.	TUE.	WED.	THU.	FRI.	SAT.
10.15 to 11.15 a.m.	- -----	-----	-----	Theory	Theory	Practical


Coordinator.




Head
Department of Physics.
D. P. Bhosale College, Koregaon

Ráyat Shikshan Sanstha's
D. P. Bhosale College, Koregaon

Department of Physics

(Meeting – 1)

Notice

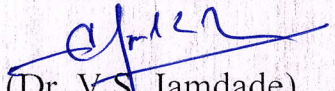
First Term (2017– 18)

Date: 21/6/2017

All the faculty members are hereby informed that they should remain present on Monday, 22/6/2017 at **11.30am** in department staff room.

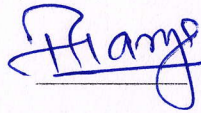
Agenda of the meeting :

1. Analysis of last year university results
2. Distribution of the syllabi
3. Departmental time table
4. About an Academic diary
5. Planning of short term course
6. Organization of lead college or guest lecture

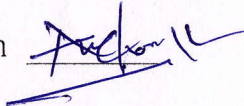

(Dr. V.S. Jamdade)

Head
Department of Physics
D. P. Bhosale College, Koregaon

1. Mr. N. D Barge.



2. Dr A. U. Chavan



Rayat Shikhan Sanstha's
D.P. Bhosale college , Koregaon
Department of Physics
2017-2018

To,
The Principal,
D.P. Bhosale college, Koregaon
Subject : - About Short term course

Respected Sir,

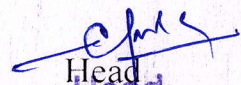
The department of Physics is going to run carrier oriented course on
"Maintenance and Repairs of Electrical and Domestic Appliance (MREDA) "
in academic year 2017 -2018 .

The course will be implemented according to University norms.

Thanking you.

Yours faithfully




Head
Department of Physics.
D. P. Bhosale College, Koregaon

Rayat Shikshan Sanstha's
D.P. Bhosale College, Koregaon.

Department of Physics

2017-2018

Autonomous (Self Financed) Short term certificate course.
Maintenance & Repairs Of Electrical Domestic Appliances

Objectives of the course –

- To Understand the general safety of electricity.
- Able to Understand the general safety of electrical tools.
- Able to Dismantle & reassemble Electrical home appliances.
- Able to Test & find out the faults in Electrical home appliances.
- Able to Listout common faults, causes & remedies
- Able to Soldering & disordering .
- Able to Identify different electrical & electronic components.
- Able to Repairs Electrical home appliances.

Outcome of the course-

- Domestic Appliances Technician
- Home Electric Technician

Reference Books:-

1. Study of Electrical Appliances and Devices: K.B.Bhatia.
2. Electrical Appliance: Anwani.
3. Electrical Wiring ,Estimating & Costing : Uppal.
4. Subhod Viduyut shastra : Tribak Waghmare.
5. Domastic Appliances : By DVET Mumbai.
6. Electronics Technology:Soni.

Board of studies-

1. Dr. V. S. Jamdade
2. Shri. Patil D.M.
3. Shri. Khade M.M.
4. Shri.Barge N.D.
5. Dr. A.U. Chavan

Experts Name-

1. Shri.Dhanave H.K. (Y,C. Institute of Science, Satara)
2. Shri. Dhumal D.S.(Kanya Shala Satara.)
3. Shri. Anil Nikam . (Sarswati Electricals, Satara.)



[Signature]
Hond
Department of Physics
D. P. Bhosale College, Koregaon.

Rayat Shikshan Sanstha's
D.P. Bhosale College, Koregaon.

Department of Physics

2017-2018

Autonomous (Self Financed) Short term certificate course.
Maintenance & Repairs Of Electrical Domestic Appliances

1. Eligibility : XII std. pass.
2. Duration of Course : 3 Month.
3. No. of Students : 30
4. Admission fee : Rs/- 500 /-(Five hundred)
5. Examination : Theory (50 marks),
: Practical (40 marks)
For Practical - Journal - 10 marks.
: Total 100 marks.
6. Faculty : Dr. Jamdade V. S.
: Mr. Barge N.D.
: Dr. A.U. Chavan
: Mr. Patil D.M..
: Mr. Khade M.M..
7. Coordinator : Mr. Barge N.D.
8. Director : Principal, D.P. Bhosale College, Koregaon.


Head
Department of Physics
D. P. Bhosale College, Koregaon



Rayat Shikshan Sanstha's

D P Bhosale College ,Koregaon

SHORT TERM COURSE

Dept. Of Physics

Question Paper- Theory

Marks -40

Name of Course:-Maintenance of Electical Home Appliances

Theory Exam-2017-18

Que.No.1 A) Fill in the Blanks.

(5)

- 1) _____ Material used for heating element .
- 2) In electrical appliances _____ used for temperature control.
- 3) _____ is good conducting material.
- 4) _____ voltage used for domestic wiring.
- 5) _____ Gas is filled in electric tube-light.

B) Match the Following.

(5)

A' Group

B' Group

- A) Sole plate
- B) Choke
- C) Heating Chamber
- D) Nickel-Cromium
- E) Ebonite

- 1) Conductor
- 2) Insulator
- 3) Fuse Material
- 4) Geyser
- 5) Fluorecent Tube Light
- 6) Electric Iron

P.T.O.-----

Rayat Shikshan Sansthas

Department of Physics

D. P. Bhosale College, Koregaon Dist- Satara

Short Term course Practical Exam. 2017-18

Subject : Maintenance of Home Appliances Marks : 40 Time : 2 Hours

1. Identify the given Hand Tools (Any 8 Hand tools)

Diagram Information & precaution while using (8 tools x 5 marks)

2. Test the given electric bell , Dismantle ,Repair & Reassemble it.

1.Tools ,Materials & Equipments	5
2.Testing with Observation Table only	10
3.Fault finding & Repairing	20
4.Oral	5

3. Connect Choke, starter to tube light set & Start tube light set

1.Tools ,Materials & Equipments	5
2.Testing with Observation Table only	10
3.Connection diagram	5
4.Connection & starting of set	15
5.Oral	5

4. Connect Electronics Choke, to tube light set & Start tube light set

1.Tools ,Materials & Equipments	5
2.Testing with Observation Table only	10
3.Connection diagram	5
4.Connection & Starting of tube light set	15
5..Oral	5

5. Test the given tube light set Find faults & repair it

1.Tools ,Materials & Equipments	5
2.Testing with Observation Table only	10
3.Connection diagram	5
4.Fault finding & Repairing	15
5.Oral	5

12. Test the given Table fan , & , Repair it.

1. Tools , Materials & Equipments	5
2. Testing with Observation Table only	10
3. Fault finding & Repairing	20
4. Oral	5

15. Test the given Electric mixer cum grinder , & , Repair it.

1. Tools , Materials & Equipments	5
2. Testing with Observation Table only	10
3. Fault finding & Repairing	20
4. Oral	5

Rayat Shikshan Sanstha's

D P Bhosale College ,Koregaon

SHORT TERM COURSE

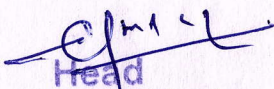
Maintennance of Electical Home Appliances

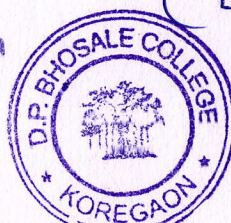
Theory Exam-2017-18

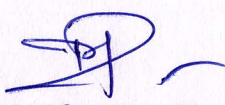
MARKLIST

Out of -100

Sr.No	Exam No	Theory	Practical	Termwork	out of 100	Remark
1	1497	38	31	9	78	Pass (III)
2	1498	36	31	9	76	Pass
3	1499	34	30	9	73	Pass
4	1500	36	31	9	76	Pass
5	1501	36	31	10	77	Pass
6	1502	39	27	10	76	Pass
7	1503	38	35	10	83	Pass (I)
8	1504	38	30	10	78	Pass (III)
9	1505	36	30	9	75	Pass
10	1506	37	35	10	82	Pass (II)
11	1507	38	29	10	77	Pass
12	1508	38	27	10	75	Pass
13	1509	32	30	9	71	Pass
14	1510	38	29	10	77	Pass
15	1511	36	27	9	72	Pass
16	1512	36	29	9	74	Pass


Head
Department of Physics
D. P. Bhosale College, Koregaon




Prof. - Patil D.M.
(External Exam)

Rayat Shikshan Sanstha's

D P Bhosale College ,Koregaon

SHORT TERM COURSE

Maintennance of Electical Home Appliances

Theory Exam-2017-18

MARKLIST

Out of -40

Sr.No	Exam No	Marks
1	1497	38
2	1498	36
3	1499	34
4	1500	36
5	1501	36
6	1502	39
7	1503	38
8	1504	38
9	1505	36
10	1506	37
11	1507	38
12	1508	38
13	1509	32
14	1510	38
15	1511	36
16	1512	36

Patil D.M.

(External Exam)

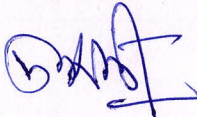
Head
Department of Physics
D. P. Bhosale College, Koregaon

Rayat Shikshan Sansthas
D.P. Bhosale College, Koregaon
Short Term Course :- Maintenance of Home Appliances
PRACT. EXAM. 2017-18

MARK LIST

Out of -40

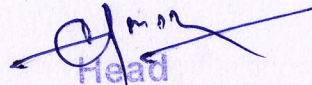
S.No	Exam No	Marks Obtained	
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2	1498	31	
3	1499	30	
4	1500	31	
5	1501	31	
6	1502	27	
7	1503	35	
8	1504	30	
9	1505	30	
10	1506	35	
11	1507	29	
12	1508	27	
13	1509	30	
14	1510	29	
15	1511	27	
16	1512	29	
17			
18			
19			
20			


(Khade M.m.)
(Ext Exam.)

Rayat Shikshan Sanstha's
D.P.Bhosale College Koregaon
Department of Physics
B.Sc.III-2017-18 Student List

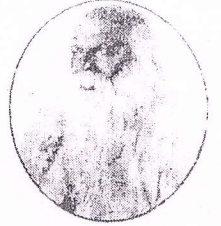
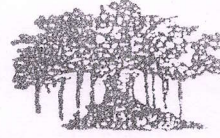
Maintenance and Repairing of Electrical Domestic Appliances (M.R.E.D.A.)

Roll No	Student Name
1447	Bhosale Lata Balwant
1448	Bhosale Mohini Madhukar
1449	Ghorpade Mayur Ananda
1500	Ghorpade Sachin Sanjay
1501	Ghorpade Sunny Rajaram
1502	Jadhav Tejaswini D
1503	Jagdale Sarika Ashok
1504	Mahamuni kanchan Sanjay
1505	Ombale Amay Vitthal
1506	Phadtare Swapnali Sanjay
1507	Pujari Manoj Parashuram
1508	Sawant Swarupa Tanaji
1509	Shinde Aishwarya Dinkar
1510	Sutar Anil Parshuaram
1511	Ubale Rahul Ravindra
1512	Khawale Vivek Ashok


Head
Department of Physics
D. P. Bhosale College, Koregaon



"Education through Self - Help is our motto" - KARMAVEER



RAYAT SHIKSHAN SANSTHA'S

D.P. Bhosale College, Koregaon

SHORT TERM COURSE

CERTIFICATE

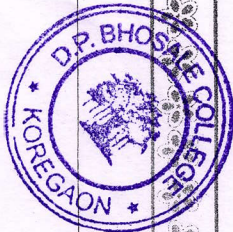
This is to certify that Mr./Miss. Bhosale Lata Balwant

CLASS : B.Sc. III (Physics) SUBJECT : M.R.E.D.A.


has successfully completed three months

"Short Term Course" in Physics 'Maintenance and Repairing of
Electrical Domestic Appliances'

From 3-7-2017 to 17-3-2018 and obtained 'A' Grade.




Chairman


Course Co-ordinator


Principal

L.B.Bhosale