



"Dissemination of Education through Knowledge, Science and Culture"  
-Shikshanmaharshi Dr. Bapuji Salunkhe  
Shri Swami Vivekanand Shikshan Sanstha's Kolhapur

**PADMABHUSHAN DR. VASANTRAODADA PATIL**  
**MAHAVIDYALAYA TASGAON DIST- SANGLI**  
416 312 (Maharashtra) Phone No: (02346)250665  
(Affiliated to Shivaji University, Kolhapur)

**DEPARTMENT OF PHYSICS**

**CERTIFICATE COURSE IN**  
**REPAIRING AND MAINTENANCE**  
**OF**  
**HOME APPLIANCES**

**2018-2019**

Name of the Institute

**PADMABHUSHAN DR. VASANTRAODADA PATIL MAHAVIDYALAYA,  
TASGAON, TAL. TASGAON, DIST: SANGLI**

**( MAHARASHTRA)**

**PIN. 416312**

**Organizer**

Department of Physics

**Title of the Course:**

**CERTIFICATE COURSE**

**IN**

**“Repairing and Maintenance of Home Appliances”**

**Type of Course Unit:**

Compulsory

**Duration of the Course:**

One month/Six weeks/Seven weeks

(From 20 December 2018 to 20 January 2019)

**Fees of the Course:** 400/-

**Delivery Mode:** Face to face

**Language of Instruction:** English

**Course Co-coordinator:** Dr. Ghodake J. S.

**Intake Capacity:**20

**Title of the Course:**

**Repairing and Maintenance of Home Appliances**

**Type of Course Unit:** Compulsory

**Duration of the Course:** One month

**Fees of the Course:** 500/-

**Delivery Mode:** Face to face

**Language of Instruction:** English

**Course Co-ordinator:** Dr. Ghodake J. S.

**Who will apply :** B.A.III/B.Com.IIIII/B.Sc.III/BCA students

**Hours of work:**


**TOTAL HOURS: 30**

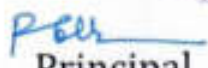
Theory: 15. Practical:15

**LEARNING OUTCOMES** (knowledge, skills and competence):

Students acquire knowledge about function and use of electrical equipment's, accessories. Also create awareness about electrical domestic appliances. The students who completed this course are competent in electrical work as well as electrical manufacturing work or maintainer.

  
Course co-ordinator

  
Head of the Department  
**Head,**  
Department of Physics,  
Padmabhushan Dr. Vasantrodada Patil  
Mahavidyalaya, Tasgaon, (Dist. Sangli)

  
Principal  
**Principal**  
Padmabhushan Dr. Vasantrodada Patil  
Mahavidyalaya, Tasgaon, (Sangli)

“ज्ञान विज्ञान आणि सुसंगठित पाठ्यादी शिक्षणप्रकार”

शिक्षणमहर्षी डॉ. वापूजी साळुंखे

श्री स्वामी विवेकानंद शिक्षण संस्था कोल्हापूर संचलित  
पदमभूषण डॉ. वसंतरावरावदादा पाटील महविद्यालय तासगांव  
भौतिकशास्त्र विभाग

नोटीस

दि. २९.१२.२०१८

बी.एस्सी भाग ३ मधील विद्यार्थी विद्यार्थीनीना कळविण्यात येते की  
“Repair & Maintenance of home appliances.” या  
C.O.C कोर्स चे तास सोमवार पासून ठिक १०.०० वाजता सुरू होणार  
आहेत. याची नोंद घ्यावी. (सोमवार, ३१/१२/२०१८)

  
डॉ. एस्.आर. जाधव

**Head,**  
Department of Physics,  
Padmabhushan Dr. Vasantraodada Patil  
Mahavidyalaya, Tasgaon, (Dist. Sangli)

- |          |                             |                  |
|----------|-----------------------------|------------------|
| 1) 6089  | Jamadade Aishwarya vijay    | <u>Aamadade</u>  |
| 2) 6086  | Bhosale snehal Rajaram      | <u>SRBhosale</u> |
| 3) 6096  | shinde varsha shrikant      | <u>SR</u>        |
| 4) 6085  | Aldar Rutuja Dagdu          | <u>SR</u>        |
| 5) 6095  | Shinde Rhunali Dheeraji     | <u>SR</u>        |
| 6) 6092  | Patil Pooja Pandurang       | <u>SR</u>        |
| 7) 6088  | Gaikwad snehal Nagesh       | <u>SR</u>        |
| 8) 6098  | Zamire Vishvasrao Balasahab | <u>SR</u>        |
| 9) 6310  | Chavan Vishal Pratap        | <u>Vishal</u>    |
| 10) 6094 | Waghmare Ameeta Popat       | <u>SR</u>        |
| 11) 6302 | Patil Omkar Bhupal          | <u>SR</u>        |
| 12) 6242 | Hajare Amol kamalakar       | <u>SR</u>        |

- ⑬ 6093 Patil Yaswant Basgonda July
- ⑭ 6244 Madavan Ashish Bhausa July
- ⑮ 6312 Pawar Trupti Hanmant July
- ⑯ 6243 Jagtap Priyanka Shahaji July
- ⑰ Dhotre July

Head,  
 Department of Physics,  
 Maharashtra Dr. Vasantrao Patil  
 Maharashtra Techno. (Dist. Sangli)

"Dissemination of Education for Knowledge, Science and Culture"  
-Shikshanmaharshi Dr. Bapuji Salunkhe  
Shri Swami Vivekanand Shikshan Sanstha Kolhapur's  
Padmabhushan Dr. Vasantrodada Patil Mahavidyalaya, Tasgaon  
Department of Physics


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**BOARD OF STUDY**

2018-2019

Board of studies member in Certificate course in Repairing and Maintenance of Home Appliances are

1)	Dr. J. S. Ghodake	PDVP College, Tasgaon
2)	Dr. T. J. Shinde	KRP College, Islampur
3)	Mr. B.S. Harale	PDVP College, Tasgaon
4)	Mr. S. S. Shinde	PDVP College, Tasgaon
5)	Mr. G. S. Pawar	PDVP College, Tasgaon
6)	Mr. M. C. Sadakale	PDVP College, Tasgaon

  
Dr. J. S. Ghodake  
Head,  
Department of Physics,  
Padmabhushan Dr. Vasantrodada Patil  
Mahavidyalaya, Tasgaon, (Dist. Sangli)



“ज्ञान, विज्ञान आणि सुसंस्कार पांसाटी शिक्षण प्रसार”  
-शिक्षणमूर्ती डॉ. बापूजी साळुंके

Shri Swami Vivekanand Shikshan Sanstha, Kolhapur Sanchlit,

**PADMABHUSHAN DR. VASANTRAODADA PATIL MAHAVIDYALAYA**

**TASGAON**, Dist. Sangli, Pin 416 312 ☎: **STD** : 02346-250 665, 250575 **FAX** : 02346-250575

**(AFFILIATED TO SHIVAJI UNIVERSITY)**

**E-mail** : san.pdvpm.tas@gmail.com **Website** : pdvpcollegeetasgaon.com

■ Established Year - June 1962 ■ P. B. No. 14 ■ Jr.College No. J22-10-001 ■ Sr. College Code No. SVAC/4 Jr.:C-8  
X

NAAC Reaccredited "B" Grade (2.76)

Shri Chhatmakshi  
**Dr. Bapuji Salunkhe**  
B.A., B.T.  
Founder

Hon. Chandrakant (Dada) Patil  
**President**  
B.Com.  
Member Revenue Department Maharashtra Govt.

Prin. Abhaykumar Salunkhe  
**Chairman**  
M.A.

Prin. Mrs. Shubhangi M. Gawade  
**Secretary**  
M.Sc., B.Ed.

**Dr. R. R. Kumbhar**  
M.Sc., M.Phil., Ph.D.  
Principal

Ref. No.: PDVPMT/ *218/18*

Date: *20/11/2018*

To,  
Dr. J. S. Ghodake  
Department of Physics  
P. D. V. P. College,  
Tasgaon

Subject: BOS/Syllabus committee Meeting

Sir

You are appointed as Member of Board of Studies (BOS) in Certificate course in Repairing and Maintenance of Home Appliances in our college during academic year 2018-2019.

The meeting of BOS is conveyed on 26/11/2018 for the preparation of syllabus of Certificate course in Repairing and Maintenance of Home Appliances. You are kindly requested to attend the meeting at 2.30 pm in Physics department.

*P. Patil*  
**Principal**  
**Principal**

**Padmabhushan Dr. Vasantraodada Patil**  
**Mahavidyalaya, Tasgaon, (Sangli)**



"ज्ञान, विज्ञान आणि सुसंस्कार यांसाठी शिक्षण प्रसार"  
-श्री. बापूजी साळुंके

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Shri. Babuji Salunkhe  
Dr. Babuji Salunkhe  
A.A., B.L.  
Founder

Hon. Chandrakant (Dada) Patil  
President  
B.Com.  
Member - Reserve Department, Maharashtra State

Prin. Abhaykumar Salunkhe  
Chairman  
M.A.

Prin. Mrs. Shubhangi M. Gawade  
Secretary  
M.Sc., D.Ed.

Dr. R. R. Kumbhar  
Principal  
M.Sc., M.Phil., Ph.D.

Ref. No.: PDVPMT/ *रामेश*

Date: 20/11/2018

To,  
Dr. T. J. Shinde  
Department of Physics  
P. D. V. P. College,  
Tasgaon

Subject: BOS/Syllabus committee Meeting

Sir

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*P. Patil*  
Principal  
Principal

Padmabhushan Dr. Vasantraodada Patil  
Mahavidyalaya, Tasgaon, (Sangli)





"ज्ञान, विज्ञान आणि सुसंस्कार यांसाठी शिक्षण प्रसार"  
-श्रीविवेकानंदजी डॉ. बापूजी साबुंबे

Shri Swami Vivekanand Shikshan Sanstha, Kolhapur Sanchlit,

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Established Year - June 1962 P. B. No. 14 Jr.College No. J22-10-001 Sr. College Code No. SV/AC/4 Jr.:C-8 X

NAAC Reaccredited "B" Grade (2.76)

Shri Chhatmanarshi  
Dr. Bapuji Salunkhe  
B.A., B.T.  
Founder

Hon. Chandrakant (Dada) Patil  
President  
B.Com.  
Member Reverse Department Maharashtra Govt.

Prin. Abhaykumar Salunkhe  
M.A.  
Chairman

Prin. Mrs. Shubhangi M. Gawade  
M.Sc., B.Ed.  
Secretary

Dr. R. R. Kumbhar  
M.Sc., M.Phil., Ph.D.  
Principal

Ref. No.: PDVPMT/ 2183E

Date : 20/11/2018

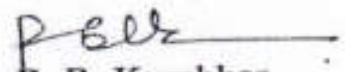
To,  
Mr. B. S. Harale  
Department of Physics  
P. D. V. P. College,  
Tasgaon

Subject: BOS/Syllabus committee Meeting

Sir

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Dr. R. R. Kumbhar  
Principal  
Padmabhushan Dr. Vasantrodada Patil  
Mahavidyalaya, Tasgaon, (Sangli)



“ज्ञान, विज्ञान आणि सुसंस्कार चांसाठी शिक्षण प्रसार”  
-शिक्षणमहर्षी डॉ. बापूजी सादुंसे

Shri Swami Vivekanand Shikshan Sanstha, Kolhapur Sanchalit,

**PADMABHUSHAN DR. VASANTRAODADA PATIL MAHAVIDYALAYA**

**TASGAON**, Dist. Sangli, Pin 416 312 ☎: STD : 02346-250 665, 250575 FAX : 02346-250575

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NAAC Reaccredited "B" Grade (2.76)

Shri Chhambharshi  
Dr. Bapuji Salunkhe  
B.A., B.L.  
Founder

Hon. Chandrakant (Dada) Patil  
President  
B.Com.  
Member, Revenue Department, Maharashtra State.

Prin. Abhaykumar Salunkhe  
M.A.  
Chairman

Prin. Mrs. Shubhangi M. Gawade  
M.Sc., B.Ed.  
Secretary

Dr. R. R. Kumbhar  
M.Sc., M.Phil., Ph.D.  
Principal

Ref. No.: PDVPMTI २१४३२

Date : २०/११/२०१८

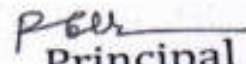
To,  
Mr. S. S. Shinde  
Department of Physics  
P. D. V. P. College,  
Tasgaon

Subject: BOS/Syllabus committee Meeting

Sir

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Principal  
Principal

Padmabhushan Dr. Vasantraodada Patil  
Mahavidyalaya, Tasgaon, (Sangli)



"ज्ञान, विज्ञान आणि सुसंस्कार यांसाठी शिक्षण प्रसार"  
- शिक्षणमहर्षी डॉ. बापूजी साबुंबरे

Shri Swami Vivekanand Shikshan Sanstha, Kolhapur Sanchalit,

**PADMABHUSHAN DR. VASANTRAODADA PATIL MAHAVIDYALAYA**

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**(AFFILIATED TO SHIVAJI UNIVERSITY)**

**E-mail** : san.pdvpm.tas@gmail.com **Website** : pdvpcollegetasgaon.com

|| Established Year - June 1962 || P.B. No. 14 || Jr.College No. J22-10-001 || Sr. College Code No. <sup>SI/AC/4</sup>X Jr.:C-8

NAAC Reaccredited "B" Grade (2.76)

Shikshamoharshi  
**Dr. Bapuji Salunkhe**  
I.A., B.T.  
Founder

**Hon. Chandrakant (Dada) Patil**  
President  
B.Com.  
Member - Finance Department Maharashtra State.

**Prin. Abhaykumar Salunkhe**  
Chairman  
M.A.

**Prin. Mrs. Shabhangi M. Gawade**  
Secretary  
M.Sc., B.Ed.

**Dr. R. R. Kumbhar**  
Principal  
M.Sc., M.Phil., Ph.D.

Ref. No.: PDVPM/संशुद्ध

Date: 20/11/2018

To,  
Mr. G. S. Pawar  
Department of Physics  
P. D. V. P. College,  
Tasgaon

Subject: BOS/Syllabus committee Meeting

Sir

You are appointed as Member of Board of Studies (BOS) in Certificate course in Repairing and Maintenance of Home Appliances in our college during academic year 2018-2019.

The meeting of BOS is conveyed on 26/11/2018 for the preparation of syllabus of Certificate course in Repairing and Maintenance of Home Appliances. You are kindly requested to attend the meeting at 2.30 pm in Physics department.

*P. Patil*  
Principal  
Principal

Padmabhushan Dr. Vasantraodada Patil  
Mahavidyalaya, Tasgaon, (Sangli)



"ज्ञान, विज्ञान आणि सुसंस्कार यांसाठी शिक्षण प्रसार"

-शिक्षणवर्ही डॉ. बापूजी साबुंबे

Shri Swami Vivekanand Shikshan Sanstha, Kolhapur Sanchalit,

**PADMABHUSHAN DR. VASANTRAODADA PATIL MAHAVIDYALAYA**

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Established Year - June 1962 P. B. No. 14 Jr.College No. J22-10-001 Sr. College Code No. SU/AC/4 Jr.:C-8 X

NAAC Reaccredited "B" Grade (2.75)

Shikshanabharati  
Dr. Bapuji Salunkhe  
B.A., B.L.  
Founder

Hon. Chandrakant (Dada) Patil  
President  
B.Com.  
Member Former Department Maharashtra State

Prin. Abhaykumar Salunkhe  
M.A.  
Chairman

Prin. Mrs. Shabhangi M. Gawade  
M.Sc., B.Ed.  
Secretary

Dr. R. B. Kumbhar  
M.Sc., M.Phil., Ph.D.  
Principal

Ref. No.: PDVPMT/ संश्लेष

Date: 26/11/2018

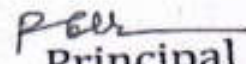
To,  
Miss M. C. Sadakale  
Department of Physics  
P. D. V. P. College,  
Tasgaon

Subject: BOS/Syllabus committee Meeting

Sir

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Principal  
Principal

Padmabhushan Dr. Vasantraodada Patil  
Mahavidyalaya, Tasgaon, (Sangli)

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-Shikshanmaharshi Dr. Bapuji Salunkhe  
Shri Swami Vivekanand Shikshan Sanstha Kolhapur's

Padmabhushan Dr. Vasantrodada Patil Mahavidyalaya, Tasgaon

Department of Physics

Date-22/11/2018

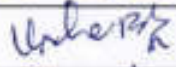
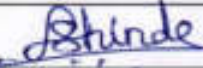
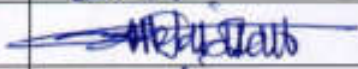
MEETING NOTICE

All members of the BOS in Certificate course in Repairing and Maintenance of Home Appliances are hereby informed that a meeting is convened on 26/11/2018 at 2.30 p. m. in the departmental cabin. All the respected members are requested to attend the meeting to discuss the following agenda.

Agenda:

1. Preparation of syllabus of certificate course
2. Time table and Workload
3. Syllabus distribution
4. Any other issue raised with prior permission of Chairperson.

Following members are present on this meeting.

Sr. No.	Name of the faculty	Signature
1)	Dr. J. S. Ghodake	
2)	Dr. T. J. Shinde	
3)	Mr. B.S. Harale	
4)	Mr. S. S. Shinde	
5)	Mr. G. S. Pawar	
6)	Mr. M. C. Sadakale	

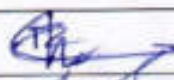

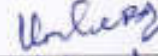
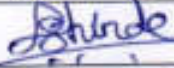


  
Dr. J. S. Ghodake  
Head,


Department of Physics,  
Padmabhushan Dr. Vasantrodada Patil  
Mahavidyalaya, Tasgaon, (Dist. Sangli)

## Minutes of Meeting

The minutes of the meeting are given below

1. During the meeting syllabus of certificate course in Repairing and Maintenance of Home Appliances are prepared. It contains two papers in which first theory paper of Electrical Appliances and second paper of practicals of Electrical Appliances are discussed. The responsibility of preparation of syllabus was given to Mr. S. S. Shinde
  2. The issue regarding time table and workload distribution discussed. It has been decided to start course from December 2018. The faculty member is appointed for teaching the syllabus and practicals.
  3. The responsibility of completion of syllabus is given to teacher Mr. Y. S. Pandit.
- Following members are present on this meeting.

Sr. No.	Name of the faculty	Signature
1)	Dr. J. S. Ghodake	
2)	Dr. T. J. Shinde	
3)	Mr. B.S. Harale	
4)	Mr. S. S. Shinde	
5)	Mr. G. S. Pawar	
6)	Mr. M. C. Sadakale	

  
Dr. J. S. Ghodake  
Head,

Department of Physics,  
Padmabhushan Dr. Vasantnandada Patil  
Mahavidyalaya, Tasgaon, (Dist. Sangli)

## **Aims and Objectives**

Students acquire knowledge about function and use of electrical equipments and accessories. Also create awareness about electrical domestic appliances. The students who completed this course are competent in electrical work and get job opportunities in a commercial electrical manufacturing work or maintainer.

1. Testing of electrical parameters, cables and measurements.
2. Select the proper instrument for suitable measurement.
3. Practice soldering and de-soldering of various types of electrical and electronics components.
4. Trouble shoot the faults in the given power supply circuits.
5. Identify and test various mechanical and electrical modules of the given appliances.
6. Identify electronics parts/components/modules of the given appliances.
7. Aware of models of different appliances and features.
8. Use reference manuals and identify the information required to service the appliances.
9. Practice the standard troubleshooting procedures as suggested in the product manuals.
10. Install the given appliance as recommended by manufacturer.
12. Visit above domestic and commercial appliance services and repairing shop.

## **Undergraduate students upon graduation with a Bachelor degree in Sciences:**

### **LEARNING OUTCOMES** (knowledge, skills and competence):

1. Students acquire knowledge about function and use of electrical equipment's, accessories. Also create awareness about electrical domestic appliances. The students who completed this course are competent in electrical work as well as electrical manufacturing work or maintainer.
2. Recognize and comply safe working practice, environment regulation and housekeeping.
3. Identify parts/components, front panel controls, install, service, troubleshoot and repair of domestic electronics appliances viz. iron, mixer-grinder, electrical fans with due care and safety.

- |                           |                                    |
|---------------------------|------------------------------------|
| 4. Duration of course:    | One month.                         |
| 5. Eligibility to course: | B.Sc. III                          |
| 6. Admission:             | Entire B.Sc. III Physics Students. |
| 7. Total fees:            | Rs. 400/-                          |

**Evaluation System:**

• <b><u>Internal Evaluation:</u></b>	<b>50M</b>
All the students will be continuously evaluated by,	
a. Attendance	10M
b. Home assignment	20M
C. Class Test	20M
• <b><u>Theory paper: Final examination</u></b>	<b>50 M</b>
Nature of Theory question paper	
Q-1 Attempt any Three (To be divided into sub questions i to iv)	30M
Q-2 Attempt any four . (To be divided into sub questions i to v)	20M
• <b><u>Practical Course</u></b>	<b>50 M</b>
Nature of Practical question paper	
a. Diagram	15 M
b. Instrumentation	10 M
c. Testing	15 M
d. Oral	10 M

**Certification:** A certificate will be issued on successful completion of the course.



## Syllabus

Theory [Total periods: 15]

### Paper I Electrical Appliances

#### Unit I

**Electric Iron:** (05 hours)

Types of electronic iron, Principle, construction and working of ordinary and automatic iron.

#### Unit II

**Electrical Mixer/Grinder:** (05 hours)

Types of mixer, Principle, construction and working of single and three speed mixer.

#### Unit III

**Electrical Fan:** (05 hours)

Different types of fan, construction and working of table fan, wall mounting fan.

Practical [Total periods: 15]

### Paper II Electrical Appliances Practical

1. Testing and repair of ordinary iron.
2. Dismantling and reassembling of wall mounting fan electrical fan.
3. Dismantling and repairing of automatic control type iron.
4. Testing and repair of mixer.
5. Testing and repair of table electrical fan.

#### Reference book

1. Basic Electricity- Prof O. B. Chaudhari, Nirali publication
2. Electrical Machines- Prof O. B. Chaudhari, Nirali publication
3. Electricity and Basic electronics- Dr. P. K. Patil, Phadake publication
4. Electricity and Magnetism- Dr. P. K. Patil, Phadake publication
5. Electricity and Magnetism-D. C. Tayal, Himalaya publication

  
Co-coordinator

  
Head  
Department of Physics,  
Department of Physics,  
Padmabhushan Dr. Vasantrao Patil  
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Padmabhushan Dr. Vasant Rao Dada Patil Mahavidyalaya, Tasgaon Dist-Sangli

**Department of Physics**

Certificate Course in

"ELECTRICAL MAINTENANCE AND SAFETY AWARENESS"

2018-2019

**Enrolled List of Students**

Sr. No.	Roll No.	Name of the student	Class	Signature
1	6085	Aldar Rutuja Dagdu	B. Sc. III	Aldar Rutuja
2	6086	Bhosale Snehal Rajaram	B. Sc. III	Bhosale S.
3	6087	Dhotre Akshay Pandurang	B. Sc. III	Dhotre AP
4	6088	Gaikwad Snehal Nagesh	B. Sc. III	G.N.
5	6089	Jamadade Aishwarya Vijay	B. Sc. III	Jamadade
6	6090	Mali Aishwarya Sanjay	B. Sc. III	Mali S.
7	6091	Patil Ashwini Navnath	B. Sc. III	Patil A
8	6092	Patil Pooja Pandurang	B. Sc. III	P Patil
9	6093	Patil Yashwant Basgonda	B. Sc. III	Patil Y
10	6094	Pawar Nikita Dnyandev	B. Sc. III	Pawar N
11	6095	Shinde Rhunali Dhanaji	B. Sc. III	Shinde R
12	6096	Shinde Varsha Shrikant	B. Sc. III	Shinde V
13	6097	Waghmare Amruta Popat	B. Sc. III	Waghmare
14	6098	Zambre Vishvajeet Balasaheb	B. Sc. III	Zambre
15	6242	Hajare Amol Kamalakar	B. Sc. III	Hajare A
16	6243	Jagtap Priyanka Shahaji	B. Sc. III	Jagtap P
17	6244	Madavan Ashish Bhauso	B. Sc. III	Madavan
18	6302	Patil Omkar Bhupal	B. Sc. III	Patil O
19	6310	Chavan Vishal Pratap	B. Sc. III	Chavan
20	5601	Gadade Priyanka Namdeo	B. Sc. II	Gadade P
21	5602	Jadhav Pooja Prakash	B. Sc. II	Jadhav P

22	5603	Kamble Apurva Rajendra	B. Sc. II	<u>Kambak</u>
23	5604	Kore Aishwarya Bhagvan	B. Sc. II	<u>Kore</u>
24	5605	Mali Komal Krushna	B. Sc. II	<u>Mali</u>
25	5606	Mohite Sukanya Vitthal	B. Sc. II	<u>Mohite</u>
26	5607	Patil Ashwini Nanaso	B. Sc. II	<u>Patil</u>
27	5608	Patil Pranali Ankush	B. Sc. II	<u>Patil</u>
28	5609	Patil Sarita Sanjay	B. Sc. II	<u>Patil</u>
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31	5612	Rankhambe Swapnali Babaso	B. Sc. II	<u>RSB</u>
32	5613	Sadakale Adhinath Chandrakant	B. Sc. II	<u>Sadakale</u>
33	5614	Shelke Vaibhav Pandharinath	B. Sc. II	<u>Shelke</u>
34	5615	Shinde Rushikesh Bhairu	B. Sc. II	<u>Shinde</u>
35	5616	Tamboli Vashim Naushad	B. Sc. II	<u>Tamboli V.M.</u>
36	5617	Babar Payal Tanaji	B. Sc. II	<u>Babar P.T.</u>
37	5618	Devkule Nishigandha Nishikant	B. Sc. II	<u>Nishigandha</u>
38	5619	Devkule Pranali Anil	B. Sc. II	<u>Devkule P.A.</u>
39	5620	Galande Pruthveeraj Ganpati	B. Sc. II	<u>Galande</u>
40	5621	Gavali Adinath Tanaji	B. Sc. II	<u>GA</u>
41	5622	Gavali Sayali Shashikant	B. Sc. II	<u>GA</u>
42	5623	Kumbhar Prajakta Ramchandra	B. Sc. II	<u>Kumbhar</u>
43	5624	Kumbhar Vishwjeet Vikas	B. Sc. II	<u>K.V.</u>
44	5625	Mahajan Bhagyashri Kishor	B. Sc. II	<u>Mahajan</u>
45	5626	Mali Atusha Suresh	B. Sc. II	<u>Mali</u>
46	5627	Mali Nilam Suresh	B. Sc. II	<u>Mali N.S.</u>
47	5628	Mali Pranali Mahadev	B. Sc. II	<u>Mali P.M.</u>

48	5629	Mane Chandrakant Bhagwan	B. Sc. II	muneup
49	5630	Maske Mohini Balaso	B. Sc. II	maskem
50	5631	Patil Mayuri Dattatray	B. Sc. II	mpuhl
51	5632	Patil Rushikesh Shankarrao	B. Sc. II	puhir
52	5633	Patil Varsha Ananda	B. Sc. II	puhiv
53	5634	Shendage Bhagyashri Shivaji	B. Sc. II	shendage B
54	5635	Shendage Supriya Suresh	B. Sc. II	shendage
55	5636	Shikalgar Salman Raju	B. Sc. II	shikalgar s
56	5637	Tandale Prachi Abaso	B. Sc. II	prachi
57	5638	Tandale Pradnya Abaso	B. Sc. II	pradnye
58	5639	Yadav Tejashree Patangrao	B. Sc. II	yadav. b
59	5640	Zambre Shreya Dagadu	B. Sc. II	Zambre. D
60	5727	Jadhav Ranjeet Rajaram	B. Sc. II	Jadhav. R
61	5728	Jadhav Suhas Shivaji	B. Sc. II	Jadhav. S
62	5729	Jadhav Vaibhav Sukhdev	B. Sc. II	Jadhav
63	5730	Jadhav Vikas Ananda	B. Sc. II	V Jadhav
64	5731	Magdum Prathmesh Mahavir	B. Sc. II	magdum
65	5732	Mali Rohan Gajanan	B. Sc. II	mali rohan
66	5733	Mane Avinash Dipak	B. Sc. II	mane A
67	5734	Mane Kishor Sanjay	B. Sc. II	mane k
68	5735	Mane Mahesh Mohan	B. Sc. II	A mane
69	5736	Mane Patil Rushikesh Prakash	B. Sc. II	mane patil R
70	5737	Mane Shubham Vishvanath	B. Sc. II	maner
71	5738	Morade Sharad Ananda	B. Sc. II	Anandams
72	5739	More Avinash Tatoba	B. Sc. II	more A
73	5740	Nalawade Rutuja Ravaso	B. Sc. II	Nalawade

74	5741	Nalawade Vishvesh Sudam	B. Sc. II	<u>Nalawade</u>
75	5742	Patil Abhijit Balaso	B. Sc. II	<u>Patil AB</u>
76	5743	Patil Abhijit Tukaram	B. Sc. II	<u>Patil T</u>
77	5744	Patil Dhairyasheel Avadhut	B. Sc. II	<u>Patil D.A</u>
78	5745	Patil Madhura Dattatray	B. Sc. II	<u>MD Patil</u>
79	5746	Patil Minal Popat	B. Sc. II	<u>Patil M</u>
80	5747	Patil Nilesh Tanaji	B. Sc. II	<u>NP Patil</u>
81	5748	Patil Niranjan Ramesh	B. Sc. II	<u>NP.R.</u>
82	5749	Patil Omkar Suresh	B. Sc. II	<u>OS Patil</u>
83	5750	Patil Prasad Pandurang	B. Sc. II	<u>Prasad</u>
84	5751	Patil Prashant Pandurang	B. Sc. II	<u>Patil. P.P.</u>
85	5752	Patil Rahul Kakaso	B. Sc. II	<u>Patil R</u>
86	5753	Patil Rushikesh Anandrao	B. Sc. II	<u>Rushikesh P.</u>
87	5754	Patil Santosh Popat	B. Sc. II	<u>Patil S</u>
88	5755	Patil Saurav Vilas	B. Sc. II	<u>Patil S</u>
89	5756	Patil Shubham Bhagavan	B. Sc. II	<u>SB Patil</u>
90	5757	Patil Suraj Adhikrao	B. Sc. II	<u>Suraj</u>
91	5758	Patil Triveni Pralhad	B. Sc. II	<u>Triveni</u>
92	5759	Patil Umesh Uttam	B. Sc. II	<u>Patil um</u>
93	5760	Patil Vaibhavi Sachin	B. Sc. II	<u>Patil V</u>
94	5761	Pawar Nilesh Eknath	B. Sc. II	<u>Pawarales</u>
95	5762	Pawar Pooja Pandurang	B. Sc. II	<u>PPD</u>
96	5763	Pawar Sachin Baburao	B. Sc. II	<u>Pawar SB</u>
97	5764	Pawar Snehal Prakash	B. Sc. II	<u>PSP</u>
98	5765	Pisal Sneha Shankar	B. Sc. II	<u>Pisal S.S.</u>
99	5766	Salunkhe Akash Arun	B. Sc. II	<u>SAA</u>

100	5767	Shinde Shital Shivaji	B. Sc. II	Shinde S
101	5768	Velhal Aishwarya Santosh	B. Sc. II	Velhal A
102	5769	Yadav Jaydeep Parshuram	B. Sc. II	Yadav J
103	5770	Bhilawade Varsha Sanjay	B. Sc. II	Bhilawade
104	5771	Gaikwad Rushikesh Rajendra	B. Sc. II	Gaikwad R
105	5772	Jadhav Dhanashree Muralidhar	B. Sc. II	Jadhav D
106	5773	Jadhav Supriya Vishwas	B. Sc. II	Jadhav S
107	5774	Jamdade Pratiksha Madhukar	B. Sc. II	Jamdade
108	5775	Mane Aniket Ravsaheb	B. Sc. II	Mane Aniket
109	5776	Mane Sujit Suryakant	B. Sc. II	Ssmane
110	5777	Mane Supriya Suryakant	B. Sc. II	Mane S
111	5778	Nadaf Kausar Shamshuddin	B. Sc. II	Nadaf
112	5779	Patankar Rupali Namdev	B. Sc. II	PRN
113	5780	Patil Aditi Sunil	B. Sc. II	Patil A
114	5781	Patil Anuja Arun	B. Sc. II	Patil A
115	5782	Patil Ashish Balasaheb	B. Sc. II	Patil A
116	5783	Patil Kiran Kundlik	B. Sc. II	KK Patil
117	5784	Patil Komal Krushnat	B. Sc. II	Komal
118	5785	Patil Megha Rajaram	B. Sc. II	Megha
119	5786	Patil Monika Ganesh	B. Sc. II	MPatil
120	5787	Patil Monika Ghanasham	B. Sc. II	M.G Patil
121	5788	Patil Pallavi Chandrakant	B. Sc. II	Pallavi
122	5789	Shinde Ganesh Malaji	B. Sc. II	Ganesh Shinde
123	5790	Shinde Nilam Sadashiv	B. Sc. II	Shinde



Department of Physics,  
Padmabhushan Dr. Yashwantrao Chavan Patil  
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“ज्ञान विज्ञान आणि सुसंस्कार यासाठी शिक्षणप्रसार”

डॉ बापूजी साळुंखे

Shri Swami Vivekanand Shikshan Sanstha, Kolhapur  
Padmabhushan Dr. Vasantodada Patil Mahavidyalaya Tasgaon Dist-Sangli

## Department of Physics

Certificate Course in  
“Repairing and Maintenance of Home Appliances”

Work Load  
2018-2019

Theory	Practical	Total
15	15	30

## Distribution of Work Load


### Theory Paper I


Sr.No	Name of the teacher	Work Load in hours
1	Mr. Yogesh Shrikant Pandit	15

### Practical Paper II

Sr. No	Name of the teacher	Work Load in hours
1	Mr. Yogesh Shrikant Pandit	15

  
Course co-ordinator

  
Head of the Department  
Department of Physics,  
Padmabhushan Dr. Vasantodada Patil  
Mahavidyalaya, Tasgaon, (Dist. Sangli)

  
Principal  
Padmabhushan Dr. Vasantodada Patil  
Mahavidyalaya, Tasgaon, (Dist. Sangli)

“ज्ञान विज्ञान आणि सुसंस्कार यासाठी शिक्षणप्रसार”

श्री बापूजी साळुंखे

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Padmabhushan Dr. Vasantodada Patil Mahavidyalaya Tasgaon  
Dist-Sangli

**Department of Physics**


Certificate Course in  
“Repairing and Maintenance of Home Appliances”

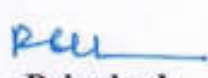
**Time Table**

2018-2019

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8.00 am- 11.00 am						Practical
9.30am- 11.00am	Theory	Theory	Theory			

  
Course co-ordinator

  
Head of the Department  
Department of Physics,  
Padmabhushan Dr. Vasantodada Patil  
Mahavidyalaya, Tasgaon, (Dist. Sangli)

  
Principal  
Principal  
Padmabhushan Dr. Vasantodada Patil  
Mahavidyalaya, Tasgaon, (Dist. Sangli)





























“ज्ञान विज्ञान आणि सुसंस्कार यासाठी शिक्षण प्रसार”

डॉ बापूजी साळुंखे

Shri Swami Vivekanand Shikshan Sanstha's, Kolhapur

Padmabhushan Dr.Vasatraodada Patil Mahavidyalaya Tasgaon Dist-Sangli

Department of Physics

Certificate Course in “Repairing and Maintenance of Home Appliances”

**Paper I Electrical Appliances**

Date: 19-03-2019

Time: 12 to 2 p.m.

Marks: 50

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**Q-1 Attempt any Three**

30

- I) Explain types of the Earthing with diagram.
- II) Write different types of Fan. Explain construction and working of any two types.
- III) Explain construction and working of Mixer .
- IV) Explains principle, construction and working of Iron.

**Q-2 Attempt any four**

20

- I) Write short note on magnet.
  - II) Explain types of conductor
  - III) Give the properties of Resistance and discuss its type.
  - IV) How does temperature regulation in an electric iron work?
  - V) What does the thermostat do in an electric iron?
-

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Department of Physics

Certificate Course in “Repairing and Maintenance of Home Appliances”  
Paper II **Electrical Appliances Practical's**

Date: 19-03-2019

Time: 12 to 2 p.m.

Marks: 50

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1. Testing and repair of ordinary iron.

- Draw schematic diagram of ordinary iron and explain its different parts.
- Testing of ordinary iron.

“ज्ञान विज्ञान आणि सुसंस्कार यासाठी शिक्षण प्रसार”

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Padmabhushan Dr.Vasatraodada Patil Mahavidyalaya Tasgaon Dist-Sangli  
Department of Physics

Certificate Course in “Repairing and Maintenance of Home Appliances”  
Paper II **Electrical Appliances Practical's**

Date: 19-03-2019

Time: 12 to 2 p.m.

Marks: 50

---

2. Dismantling and reassembling of wall mounting electrical fan.

- Draw schematic diagram of wall mounting electrical fan and explain its different parts.
- Testing of wall mounting electrical fan.

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Department of Physics

Certificate Course in “Repairing and Maintenance of Home Appliances”

Paper II **Electrical Appliances Practical's**

Date: 19-03-2019

Time: 12 to 2 p.m.

Marks: 50

---

3. Dismantling and repairing of automatic control type iron.

- Draw schematic diagram of automatic control type iron and explain its different parts.
- Testing of automatic control type iron.

“ज्ञान विज्ञान आणि सुसंस्कार यासाठी शिक्षण प्रसार”

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Paper II **Electrical Appliances Practical's**

Date: 19-03-2019

Time: 12 to 2 p.m.

Marks: 50

---

4. Testing and repair of mixer.

- Draw schematic diagram of automatic control type iron and explain its different parts.
- Testing of automatic control type iron.

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डॉ बापूजी साठुंगे

Shri Swami Vivekanand Shikshan Sanstha's, Kolhapur  
Padmabhushan Dr. Vasantodada Patil Mahavidyalaya Tasgaon Dist-Sangli  
**Department of Physics**  
**Certificate Course in "Repairing and Maintenance of Home Appliances"**  
**Paper II Electrical Appliances Practical's**

Date: 19-03-2019

Time: 12 to 2 p.m.

Marks: 50

---

5. Testing and repair of table electrical fan.

- Draw diagram of table electrical fan and explain its different parts.
- Testing of table electrical fan.



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**Department of Physics**

Certificate Course in

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2018-2019

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6	6090	Mali Aishwarya Sanjay	B. Sc. III	Mali A
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9	6093	Patil Yashwant Basgonda	B. Sc. III	Patil Y
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16	6243	Jagtap Priyanka Shahaji	B. Sc. III	Jagtap P
17	6244	Madavan Ashish Bhauso	B. Sc. III	Madavan A
18	6302	Patil Omkar Bhupal	B. Sc. III	Patil O
19	6310	Chavan Vishal Pratap	B. Sc. II	Chavan V
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24	5605	Mali Komal Krushna	B. Sc. II	<u>Kmali</u>
25	5606	Mohite Sukanya Vitthal	B. Sc. II	<u>MSV</u>
26	5607	Patil Ashwini Nanaso	B. Sc. II	<u>Patil A</u>
27	5608	Patil Pranali Ankush	B. Sc. II	<u>PPatili</u>
28	5609	Patil Sarita Sanjay	B. Sc. II	<u>SSP</u>
29	5610	Patil Vaibhav Vijay	B. Sc. II	<u>Patil v.v.</u>
30	5611	Rankhambe Payal Arun	B. Sc. II	<u>Rankhambe</u>
31	5612	Rankhambe Swapnali Babaso	B. Sc. II	<u>RSB</u>
32	5613	Sadakale Adhinath Chandrakant	B. Sc. II	<u>Sadakale</u>
33	5614	Shelke Vaibhav Pandharinath	B. Sc. II	<u>Shelke</u>
34	5615	Shinde Rushikesh Bhairu	B. Sc. II	<u>Shinde</u>
35	5616	Tamboli Vashim Naushad	B. Sc. II	<u>Tambolival</u>
36	5617	Babar Payal Tanaji	B. Sc. II	<u>Babapri</u>
37	5618	Devkule Nishigandha Nishikant	B. Sc. II	<u>Nishhee</u>
38	5619	Devkule Pranali Anil	B. Sc. II	<u>Devkule p.a.</u>
39	5620	Galande Pruthveeraj Ganpati	B. Sc. II	<u>Galande</u>
40	5621	Gavali Adinath Tanaji	B. Sc. II	<u>GA</u>
41	5622	Gavali Sayali Shashikant	B. Sc. II	<u>GA</u>
42	5623	Kumbhar Prajakta Ramchandra	B. Sc. II	<u>KumbharPR</u>
43	5624	Kumbhar Vishwjeet Vikas	B. Sc. II	<u>KV</u>
44	5625	Mahajan Bhagyashri Kishor	B. Sc. II	<u>mahajanBk</u>
45	5626	Mali Atusha Suresh	B. Sc. II	<u>maliAt</u>
46	5627	Mali Nilam Suresh	B. Sc. II	<u>mali N. S.</u>
47	5628	Mali Pranali Mahadev	B. Sc. II	<u>mali p.m.</u>

48	5629	Mane Chandrakant Bhagwan	B. Sc. II	mane.cd
49	5630	Maske Mohini Balaso	B. Sc. II	maskem
50	5631	Patil Mayuri Dattatray	B. Sc. II	mpatti
51	5632	Patil Rushikesh Shankarrao	B. Sc. II	patir
52	5633	Patil Varsha Ananda	B. Sc. II	patilv
53	5634	Shendage Bhagyashri Shivaji	B. Sc. II	shendageB
54	5635	Shendage Supriya Suresh	B. Sc. II	shendage
55	5636	Shikalgar Salman Raju	B. Sc. II	shikalgar
56	5637	Tandale Prachi Abaso	B. Sc. II	prachi
57	5638	Tandale Pradnya Abaso	B. Sc. II	tandale
58	5639	Yadav Tejashree Patangrao	B. Sc. II	yadavt
59	5640	Zambre Shreya Dagadu	B. Sc. II	Zambres.b
60	5727	Jadhav Ranjeet Rajaram	B. Sc. II	Jadhav.r
61	5728	Jadhav Suhas Shivaji	B. Sc. II	Jadhav.r
62	5729	Jadhav Vaibhav Sukhdev	B. Sc. II	vaibhav
63	5730	Jadhav Vikas Ananda	B. Sc. II	VJadhav
64	5731	Magdum Prathmesh Mahavir	B. Sc. II	magdum
65	5732	Mali Rohan Gajanan	B. Sc. II	maliRohan
66	5733	Mane Avinash Dipak	B. Sc. II	maneA
67	5734	Mane Kishor Sanjay	B. Sc. II	maneK
68	5735	Mane Mahesh Mohan	B. Sc. II	maneme
69	5736	Mane Patil Rushikesh Prakash	B. Sc. II	manepatik
70	5737	Mane Shubham Vishvanath	B. Sc. II	manes
71	5738	Morade Sharad Ananda	B. Sc. II	anandam.s
72	5739	More Avinash Tatoba	B. Sc. II	more
73	5740	Nalawade Rutuja Ravaso	B. Sc. II	Nalawade

74	5741	Nalawade Vishvesh Sudam	B. Sc. II	<u>Nalawade</u>
75	5742	Patil Abhijit Balaso	B. Sc. II	<u>Patil AB</u>
76	5743	Patil Abhijit Tukaram	B. Sc. II	<u>Patil B</u>
77	5744	Patil Dhairyasheel Avadhut	B. Sc. II	<u>Patil P.A</u>
78	5745	Patil Madhura Dattatray	B. Sc. II	<u>MPatil</u>
79	5746	Patil Minal Popat	B. Sc. II	<u>Patil</u>
80	5747	Patil Nilesh Tanaji	B. Sc. II	<u>NTPatil</u>
81	5748	Patil Niranjan Ramesh	B. Sc. II	<u>NRP.</u>
82	5749	Patil Omkar Suresh	B. Sc. II	<u>OSPATIL</u>
83	5750	Patil Prasad Pandurang	B. Sc. II	<u>Prasad</u>
84	5751	Patil Prashant Pandurang	B. Sc. II	<u>Patil P.P.</u>
85	5752	Patil Rahul Kakaso	B. Sc. II	<u>Patil</u>
86	5753	Patil Rushikesh Anandrao	B. Sc. II	<u>Rushikesh</u>
87	5754	Patil Santosh Popat	B. Sc. II	<u>Patil</u>
88	5755	Patil Saurav Vilas	B. Sc. II	<u>Patil</u>
89	5756	Patil Shubham Bhagavan	B. Sc. II	<u>SBPatil</u>
90	5757	Patil Suraj Adhikrao	B. Sc. II	<u>Suraj</u>
91	5758	Patil Triveni Pralhad	B. Sc. II	<u>Triveni</u>
92	5759	Patil Umesh Uttam	B. Sc. II	<u>Patil U.</u>
93	5760	Patil Vaibhavi Sachin	B. Sc. II	<u>Patil</u>
94	5761	Pawar Nilesh Eknath	B. Sc. II	<u>Pawar N.</u>
95	5762	Pawar Pooja Pandurang	B. Sc. II	<u>PPP</u>
96	5763	Pawar Sachin Baburao	B. Sc. II	<u>Pawar SB</u>
97	5764	Pawar Snehal Prakash	B. Sc. II	<u>PSP</u>
98	5765	Pisal Sneha Shankar	B. Sc. II	<u>Pisal S.</u>
99	5766	Salunkhe Akash Arun	B. Sc. II	<u>SAA</u>

100	5767	Shinde Shital Shivaji	B. Sc. II	shinde.r
101	5768	Velhal Aishwarya Santosh	B. Sc. II	velhula
102	5769	Yadav Jaydeep Parshuram	B. Sc. II	yudav.j
103	5770	Bhilawade Varsha Sanjay	B. Sc. II	Bhilawade
104	5771	Gaikwad Rushikesh Rajendra	B. Sc. II	Gaikwad
105	5772	Jadhav Dhanashree Muralidhar	B. Sc. II	Jadhav.D
106	5773	Jadhav Supriya Vishwas	B. Sc. II	Jadhav.r
107	5774	Jamdade Pratiksha Madhukar	B. Sc. II	Jamade
108	5775	Mane Aniket Ravsaheb	B. Sc. II	maneAniket
109	5776	Mane Sujit Suryakant	B. Sc. II	ssmane
110	5777	Mane Supriya Suryakant	B. Sc. II	maness
111	5778	Nadaf Kausar Shamsuddin	B. Sc. II	NKS
112	5779	Patankar Rupali Namdev	B. Sc. II	PRN
113	5780	Patil Aditi Sunil	B. Sc. II	Patil/SD
114	5781	Patil Anuja Arun	B. Sc. II	ANUPATI
115	5782	Patil Ashish Balasaheb	B. Sc. II	APATIL
116	5783	Patil Kiran Kundlik	B. Sc. II	KKPATIL
117	5784	Patil Komal Krushnat	B. Sc. II	Komal
118	5785	Patil Megha Rajaram	B. Sc. II	Megha
119	5786	Patil Monika Ganesh	B. Sc. II	MPATIL
120	5787	Patil Monika Ghanasham	B. Sc. II	M.G. patil
121	5788	Patil Pallavi Chandrakant	B. Sc. II	Pallavi
122	5789	Shinde Ganesh Malaji	B. Sc. II	Ganeshinde
123	5790	Shinde Nilam Sadashiv	B. Sc. II	Shinde

"Dissemination of Education for Knowledge, Science and Culture"-*Shikshanmaharshi Dr. Babuji Salunkhe*  
 Shri Swami Vivekanand Shikshan Sanstha, Kolhapur  
 Padmabhushan Dr. Vasanttraodada Patil Mahavidyalaya Tasgaon Dist-Sangli

**Department of Physics**

Certificate Course in

"ELECTRICAL MAINTENANCE AND SAFETY AWARENESS"

2018-2019

**Mark list**

Sr. No.	Roll No.	Name of the student	Class	Marks		
				Paper I (50)	Paper II (50)	Total (100)
1	6085	Aldar Rutuja Dagdu	B. Sc. III	45	40	85
2	6086	Bhosale Snehal Rajaram	B. Sc. III	40	40	80
3	6087	Dhotre Akshay Pandurang	B. Sc. III	45	40	85
4	6088	Gaikwad Snehal Nagesh	B. Sc. III	37	42	79
5	6089	Jamadade Aishwarya Vijay	B. Sc. III	32	40	82
6	6090	Mali Aishwarya Sanjay	B. Sc. III	37	42	79
7	6091	Patil Ashwini Navnath	B. Sc. III	32	40	82
8	6092	Patil Pooja Pandurang	B. Sc. III	45	40	85
9	6093	Patil Yashwant Basgonda	B. Sc. III	37	42	79
10	6094	Pawar Nikita Dnyandev	B. Sc. III	45	40	85
11	6095	Shinde Rhunali Dhanaji	B. Sc. III	37	42	79
12	6096	Shinde Varsha Shrikant	B. Sc. III	32	40	82
13	6097	Waghmare Amruta Popat	B. Sc. III	45	40	85
14	6098	Zambre Vishvajeet Balasaheb	B. Sc. III	40	40	80
15	6242	Hajare Amol Kamalakar	B. Sc. III	45	40	85
16	6243	Jagtap Priyanka Shahaji	B. Sc. III	37	42	79
17	6244	Madavan Ashish Bhauso	B. Sc. III	32	40	82
18	6302	Patil Omkar Bhupal	B. Sc. III	37	42	79
19	6310	Chavan Vishal Pratap	B. Sc. II	32	40	82

20	5601	Gadade Priyanka Namdeo	B. Sc. II	37	42	79
21	5602	Jadhav Pooja Prakash	B. Sc. II	45	40	85
22	5603	Kamble Apurva Rajendra	B. Sc. II	37	42	79
23	5604	Kore Aishwarya Bhagvan	B. Sc. II	32	40	82
24	5605	Mali Komal Krushna	B. Sc. II	45	40	85
25	5606	Mohite Sukanya Vitthal	B. Sc. II	40	40	80
26	5607	Patil Ashwini Nanaso	B. Sc. II	37	42	79
27	5608	Patil Pranali Ankush	B. Sc. II	32	40	82
28	5609	Patil Sarita Sanjay	B. Sc. II	45	40	85
29	5610	Patil Vaibhav Vijay	B. Sc. II	37	42	79
30	5611	Rankhambe Payal Arun	B. Sc. II	32	40	82
31	5612	Rankhambe Swapnali Babaso	B. Sc. II	37	42	79
32	5613	Sadakale Adhinath Chandrakant	B. Sc. II	45	40	85
33	5614	Shelke Vaibhav Pandharinath	B. Sc. II	37	42	79
34	5615	Shinde Rushikesh Bhairu	B. Sc. II	32	40	82
35	5616	Tamboli Vashim Naushad	B. Sc. II	45	40	85
36	5617	Babar Payal Tanaji	B. Sc. II	40	40	80
37	5618	Devkule Nishigandha Nishikant	B. Sc. II	45	40	85
38	5619	Devkule Pranali Anil	B. Sc. II	45	40	85
39	5620	Galande Pruthveeraj Ganpati	B. Sc. II	37	42	79
40	5621	Gavali Adinath Tanaji	B. Sc. II	32	40	82
41	5622	Gavali Sayali Shashikant	B. Sc. II	37	42	79
42	5623	Kumbhar Prajakta Ramchandra	B. Sc. II	32	40	82
43	5624	Kumbhar Vishwjeet Vikas	B. Sc. II	45	40	85
44	5625	Mahajan Bhagyashri Kishor	B. Sc. II	37	42	79
45	5626	Mali Atusha Suresh	B. Sc. II	45	40	85

46	5627	Mali Nilam Suresh	B. Sc. II	37	42	79
47	5628	Mali Pranali Mahadev	B. Sc. II	32	40	82
48	5629	Mane Chandrakant Bhagwan	B. Sc. II	45	40	85
49	5630	Maske Mohini Balaso	B. Sc. II	40	40	80
50	5631	Patil Mayuri Dattatray	B. Sc. II	45	40	85
51	5632	Patil Rushikesh Shankarrao	B. Sc. II	45	40	85
52	5633	Patil Varsha Ananda	B. Sc. II	37	42	79
53	5634	Shendage Bhagyashri Shivaji	B. Sc. II	32	40	82
54	5635	Shendage Supriya Suresh	B. Sc. II	45	40	85
55	5636	Shikalgar Salman Raju	B. Sc. II	37	42	79
56	5637	Tandale Prachi Abaso	B. Sc. II	45	40	85
57	5638	Tandale Pradnya Abaso	B. Sc. II	45	40	85
58	5639	Yadav Tejashree Patangrao	B. Sc. II	37	42	79
59	5640	Zambre Shreya Dagadu	B. Sc. II	45	40	85
60	5727	Jadhav Ranjeet Rajaram	B. Sc. II	37	42	79
61	5728	Jadhav Suhas Shivaji	B. Sc. II	32	40	82
62	5729	Jadhav Vaibhav Sukhdev	B. Sc. II	30	40	70
63	5730	Jadhav Vikas Ananda	B. Sc. II	30	40	70
64	5731	Magdum Prathmesh Mahavir	B. Sc. II	39	40	79
65	5732	Mali Rohan Gajanan	B. Sc. II	40	40	80
66	5733	Mane Avinash Dipak	B. Sc. II	45	40	85
67	5734	Mane Kishor Sanjay	B. Sc. II	37	42	79
68	5735	Mane Mahesh Mohan	B. Sc. II	32	40	82
69	5736	Mane Patil Rushikesh Prakash	B. Sc. II	45	40	85
70	5737	Mane Shubham Vishvanath	B. Sc. II	40	40	80
71	5738	Morade Sharad Ananda	B. Sc. II	45	40	85



72	5739	More Avinash Tatoba	B. Sc. II	37	42	79
73	5740	Nalawade Rutuja Ravaso	B. Sc. II	45	40	85
74	5741	Nalawade Vishvesh Sudam	B. Sc. II	37	42	79
75	5742	Patil Abhijit Balaso	B. Sc. II	32	40	82
76	5743	Patil Abhijit Tukaram	B. Sc. II	45	40	85
77	5744	Patil Dhairyasheel Avadhut	B. Sc. II	40	40	80
78	5745	Patil Madhura Dattatray	B. Sc. II	37	42	79
79	5746	Patil Minal Popat	B. Sc. II	45	40	85
80	5747	Patil Nilesh Tanaji	B. Sc. II	45	40	85
81	5748	Patil Niranjan Ramesh	B. Sc. II	37	42	79
82	5749	Patil Omkar Suresh	B. Sc. II	45	40	85
83	5750	Patil Prasad Pandurang	B. Sc. II	37	42	79
84	5751	Patil Prashant Pandurang	B. Sc. II	32	40	82
85	5752	Patil Rahul Kakaso	B. Sc. II	30	40	70
86	5753	Patil Rushikesh Anandrao	B. Sc. II	30	40	70
87	5754	Patil Santosh Popat	B. Sc. II	39	40	79
88	5755	Patil Saurav Vilas	B. Sc. II	40	40	80
89	5756	Patil Shubham Bhagavan	B. Sc. II	45	40	85
90	5757	Patil Suraj Adhikrao	B. Sc. II	37	42	79
91	5758	Patil Triveni Pralhad	B. Sc. II	32	40	82
92	5759	Patil Umesh Uttam	B. Sc. II	45	40	85
93	5760	Patil Vaibhavi Sachin	B. Sc. II	40	40	80
94	5761	Pawar Nilesh Eknath	B. Sc. II	45	40	85
95	5762	Pawar Pooja Pandurang	B. Sc. II	37	42	79
96	5763	Pawar Sachin Baburao	B. Sc. II	45	40	85
97	5764	Pawar Snehal Prakash	B. Sc. II	37	42	79

98	5765	Pisal Sneha Shankar	B. Sc. II	32	40	82
99	5766	Salunkhe Akash Arun	B. Sc. II	45	40	85
100	5767	Shinde Shital Shivaji	B. Sc. II	40	40	80
101	5768	Velhal Aishwarya Santosh	B. Sc. II	37	42	79
102	5769	Yadav Jaydeep Parshuram	B. Sc. II	45	40	85
103	5770	Bhilawade Varsha Sanjay	B. Sc. II	45	40	85
104	5771	Gaikwad Rushikesh Rajendra	B. Sc. II	37	42	79
105	5772	Jadhav Dhanashree Muralidhar	B. Sc. II	45	40	85
106	5773	Jadhav Supriya Vishwas	B. Sc. II	37	42	79
107	5774	Jamdade Pratiksha Madhukar	B. Sc. II	32	40	82
108	5775	Mane Aniket Ravsaheb	B. Sc. II	37	42	79
109	5776	Mane Sujit Suryakant	B. Sc. II	32	40	82
110	5777	Mane Supriya Suryakant	B. Sc. II	45	40	85
111	5778	Nadaf Kausar Shamshuddin	B. Sc. II	37	42	79
112	5779	Patankar Rupali Namdev	B. Sc. II	45	40	85
113	5780	Patil Aditi Sunil	B. Sc. II	37	42	79
114	5781	Patil Anuja Arun	B. Sc. II	32	40	82
115	5782	Patil Ashish Balasaheb	B. Sc. II	45	40	85
116	5783	Patil Kiran Kundlik	B. Sc. II	40	40	80
117	5784	Patil Komal Krushnat	B. Sc. II	45	40	85
118	5785	Patil Megha Rajaram	B. Sc. II	37	42	79
119	5786	Patil Monika Ganesh	B. Sc. II	32	40	82
120	5787	Patil Monika Ghanasham	B. Sc. II	37	42	79
121	5788	Patil Pallavi Chandrakant	B. Sc. II	32	40	82
122	5789	Shinde Ganesh Malaji	B. Sc. II	37	42	79
123	5790	Shinde Nilam Sadashiv	B. Sc. II	45	40	85



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