

"Dissemination of Education for Knowledge, Science and Culture"
--- Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha Kolhapur's

(Affiliated to Shivaji University, Kolhapur)

Padmabhushan Dr. Vasantrodada Patil Mahavidyalaya, Tasgaon

Department of Physics

Certificate Course In
"Electrical Maintenance And
Safety Awareness"

2019-2020

"Dissemination of Education for Knowledge, Science and Culture"

-Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha Kolhapur's

Padmabhushan Dr. Vasantodada Patil Mahavidyalaya, Tasgaon


Department of Physics

BOARD OF STUDY

2019-2020

Board of studies member in Certificate course in Electrical Maintenance and Safety Awareness 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. Vasantodada Patil
Mahavidyalaya, Tasgaon, (Dist. Sangli)

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Shri Swami Vivekanand Shikshan Sanstha Kolhapur's

Padmabhushan Dr. Vasantodada Patil Mahavidyalaya, Tasgaon

Department of Physics

Date-20/11/2019

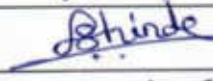
MEETING NOTICE


All members of the BOS in Certificate course in Electrical Maintenance and Safety Awareness Appliances are hereby informed that a meeting is convened on 27/11/2019 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. Vasantodada 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 Electrical Maintenance and Safety Awareness Appliances are prepared. It contains two papers in which first theory and second practicals 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 2019. 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. Vasantodada Patil
Mahavidyalaya, Tasgaon, (Dist. Sangli)

Aims and Objectives

The aim of this certificate course is to demonstrate the potential problems that can arise due to poor wiring, grounding or shielding. From this course students acquire knowledge about different types of electrical wires (gauges) and accessories as well as earthing or grounding.

Also create awareness about electrical earthing. 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 wires.
4. Trouble shoot the faults in the given power supply circuits.
5. Testing of various mechanical and electrical modules of the given appliances.
6. Testing of electrical parts/wires /boards.
7. Aware of earthing of different appliances.
8. To study the various types of earthing for electrical system.
9. Testing and identification of faulty wires, electrical boards

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 boards, accessories. Also create awareness about electrical earthing. The students who completed this course are competent in electrical work as well as electrical manufacturing work or maintainer.
2. Maintain the voltage as well as current at any part of an electrical equipment or system at a known value.
3. Home appliances or equipments prevented from over current or excessive voltage
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. 200/-

Evaluation System:

All the students will be continuously evaluated by,

Theory paper

Final examination	50 M
Nature of Theory question paper	
Q-1 Attempt any two (To be divided into sub questions i to iii)	30M
Q-2 Attempt any four . (To be divided into sub questions i to v)	20M

Practical Course

Nature of Practical question paper	50 M
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.



Mr. S. S. Shinde
Co- coordinator



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



Dr. Milind S. Hujare
Principal
Padmabhushan Dr. Vasantodada Patil
Mahavidyalaya, Tasgaon, (Sangli)

Syllabus

Theory Paper I

[Total periods: 15]

Unit I

Electrical Testing and Maintenance Poor wiring and defective electric wires, Extension cords, Covered electrical cords and wires, House wiring and their types, Electrical boards, Light bulbs, Tubes.

Unit II

Earthing System, Earthing Theory, Basics of earthing system or grounding system, System or Neutral earthing, Equipment earthing, Types of earthing system or grounding system- TT earthing system, IT earthing system, TN-S earthing system, Different methods for earthing - Plate earthing, Pipe earthing, Strip or wire earthing, Advantages of earthing.


Practical Paper II


[Total periods: 15]

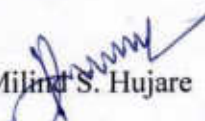
1. Test electrical boards and house wiring
2. Study the various types of earthing for electrical systems

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


Mr. S. S. Shinde
Co- coordinator


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Mahavidyalaya, Tasgaon, (Dist. Sangli)


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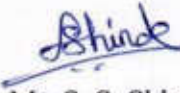
Department of Physics
Certificate Course in


"ELECTRICAL MAINTENANCE AND SAFETY AWARENESS"


2019-2020

List of the students

Sr. No.	Roll No.	Name of the student
1	6087	Shri Gavali Adinath Tanaji
2	6088	Shri Jadhav Shivam Dipak
3	6089	Shri Jadhav Suhas Shivaji
4	6090	Miss Jadhav Supriya Vishwas
5	6091	Miss Kamble Apurva Rajendra
6	6092	Miss Patil Anuja Arun
7	6093	Shri Patil Ashish Balasaheb
8	6094	Shri Patil Kiran Kundlik
9	6095	Miss Patil Komal Krushnat
10	6096	Shri Patil Niranjana Ramesh
11	6097	Shri Patil Omkar Suresh
12	6098	Miss Patil Priyanka Baramu
13	6099	Shri Patil Rahul Kakaso
14	6100	Shri Patil Santosh Popat
15	6101	Shri Sadakale Adinath Chandrakant
16	6118	Miss Pawar Nikeeta Dnyandev
17	6119	Shri Patil Amar Ashok
18	6120	Shri Patil Swapnil Jalindar


Mr. S. S. Shinde
Co- coordinator


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Mahavidyalaya, Tasgaon, (Dist. Sangli)


Dr. Milind S. Hujare
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Padmabhushan Dr. Vasantodada Patil Mahavidyalaya, Tasgaon (Dist. Sangli)
DEPARTMENT OF PHYSICS


Notice


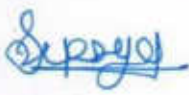
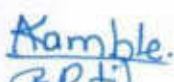


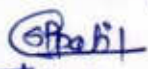

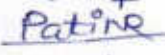
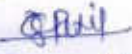

18/12/2019

All the students of B. Sc. III are hereby informed that, lectures for certificate course in "Electrical Maintenance and Safety Awareness" will be started from 28/12/2019 as per timetable displayed on notice board.

All students must be remain present in time.


Dr. Ghodake J. S.
Coordinator


Dr. Milind S. Hujare
Principal
Padmabhushan Dr. Vasantodada Patil
Mahavidyalaya, Tasgaon, (Sangli)

Name	Sign
1) Patil Komal K	
2) Jadhav Supriya V.	
3) Kamble Apurva R.	
4) Patil Priyanka B.	
5) Gavali Adinath T.	
6) Patil Santosh P.	
7) Jadhav Shiram D.	
8) Patil Niranjan R.	
9) Patil Omkar Suresh	
10) Patil Kiran Kundalik	

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Padmabhushan Dr. Vasantrodada Patil Mahavidyalaya Tasgaon Dist-Sangli

Department of Physics

Certificate Course in

"ELECTRICAL MAINTENANCE AND SAFETY AWARENESS"

Time Table

2019-2020

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
8.00am-11.00am						Practical
10.00am-11.00am	Theory	Theory	Theory			

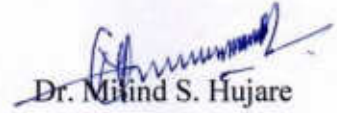


Mr. S. S. Shinde
Co- coordinator



Dr. J. S. Ghodake

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



Dr. Mind S. Hujare

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

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Department of Physics

Certificate Course in

"ELECTRICAL MAINTENANCE AND SAFETY AWARENESS"

2019-2020

Work Load

Theory	Practical	Total
15	15	30


Distribution of Work Load


Theory Paper I


Sr.No	Name of the teacher	Work Load in hours
1	Shri. Y. S. Pandit	15

Practical Paper II

Sr. No	Name of the teacher	Work Load in hours
1	Shri. Y. S. Pandit	15


Mr. S. S. Shinde
Co- coordinator


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Padmabhushan Dr. Vasantaoada Patil Mahavidyalaya Tasgaon Dist-Sangli

Department of Physics
Certificate Course in
"ELECTRICAL MAINTENANCE AND SAFETY AWARENESS"
2019-2020

Attendance

Date: 11/01/2020

Time: 8 to 11 AM

Sr. No.	Roll No.	Name of the student	Signature
1	6087	Shri Gavali Adinath Tanaji	Gavali
2	6088	Shri Jadhav Shivam Dipak	Jadhav
3	6089	Shri Jadhav Suhas Shivaji	Jadhav
4	6090	Miss Jadhav Supriya Vishwas	Supriya
5	6091	Miss Kamble Apurva Rajendra	Kamble
6	6092	Miss Patil Anuja Arun	Patil
7	6093	Shri Patil Ashish Balasaheb	Patil
8	6094	Shri Patil Kiran Kundlik	Patil
9	6095	Miss Patil Komal Krushnat	Komal
10	6096	Shri Patil Niranjan Ramesh	Patil
11	6097	Shri Patil Omkar Suresh	Patil
12	6098	Miss Patil Priyanka Baramu	Patil
13	6099	Shri Patil Rahul Kakaso	Patil
14	6100	Shri Patil Santosh Popat	Patil
15	6101	Shri Sadakale Adinath Chandrakant	Sadakale
16	6118	Miss Pawar Nikeeta Dnyandev	Ab
17	6119	Shri Patil Amar Ashok	Ab
18	6120	Shri Patil Swapnil Jalindar	Ab

Name of the Teacher: Shri Y. S. Pandit

Y. S. Pandit

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Padmabhushan Dr. Vasantodada Patil Mahavidyalaya Tasgaon Dist-Sangli

Department of Physics
Certificate Course in
"ELECTRICAL MAINTENANCE AND SAFETY AWARENESS"
2019-2020

Attendance

Date: 18/01/2020

Time: 8 to 11 am

Sr. No.	Roll No.	Name of the student	Signature
1	6087	Shri Gavali Adinath Tanaji	Gavali
2	6088	Shri Jadhav Shivam Dipak	Jadhav
3	6089	Shri Jadhav Suhas Shivaji	Jadhav
4	6090	Miss Jadhav Supriya Vishwas	Jadhav
5	6091	Miss Kamble Apurva Rajendra	Kamble
6	6092	Miss Patil Anuja Arun	Patil
7	6093	Shri Patil Ashish Balasaheb	Patil
8	6094	Shri Patil Kiran Kundlik	Patil
9	6095	Miss Patil Komal Krushnat	Patil
10	6096	Shri Patil Niranjana Ramesh	Patil
11	6097	Shri Patil Omkar Suresh	Patil
12	6098	Miss Patil Priyanka Baramu	Patil
13	6099	Shri Patil Rahul Kakaso	Patil
14	6100	Shri Patil Santosh Popat	Patil
15	6101	Shri Sadakale Adinath Chandrakant	Sadakale
16	6118	Miss Pawar Nikeeta Dnyandev	Ab
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Department of Physics

Certificate Course in

"ELECTRICAL MAINTENANCE AND SAFETY AWARENESS"

2019-2020

Attendance

Date: 25/01/2020

Time: 8 to 11 am

Sr. No.	Roll No.	Name of the student	Signature
1	6087	Shri Gavali Adinath Tanaji	Gavali
2	6088	Shri Jadhav Shivam Dipak	Jadhav
3	6089	Shri Jadhav Suhas Shivaji	Jadhav.
4	6090	Miss Jadhav Supriya Vishwas	Supriya
5	6091	Miss Kamble Apurva Rajendra	Kamble.
6	6092	Miss Patil Anuja Arun	Anil
7	6093	Shri Patil Ashish Balasaheb	Ashish
8	6094	Shri Patil Kiran Kundlik	KPatil
9	6095	Miss Patil Komal Krushnat	Komal
10	6096	Shri Patil Niranjan Ramesh	NPatil
11	6097	Shri Patil Omkar Suresh	OPatil
12	6098	Miss Patil Priyanka Baramu	Patil
13	6099	Shri Patil Rahul Kakaso	Patil
14	6100	Shri Patil Santosh Popat	SPatil
15	6101	Shri Sadakale Adinath Chandrakant	Sad
16	6118	Miss Pawar Nikeeta Dnyandev	Ab
17	6119	Shri Patil Amar Ashok	Ab
18	6120	Shri Patil Swapnil Jalindar	Ab

Name of the Teacher: Shri Y. S. Pandit

Y. S. Pandit

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Padmabhushan Dr. Vasantodada Patil Mahavidyalaya Tasgaon Dist-Sangli

Department of Physics

Certificate Course in

""ELECTRICAL MAINTENANCE AND SAFETY AWARENESS""

2019-2020

Attendance

Date: 8-2-2020

Time: 8 to 11 AM

Sr. No.	Roll No.	PRN No.	Name of the student	Signature
1	6087	2017039324	Shri Gavali Adinath Tanaji	Gavali A.T.
2	6088	2017056602	Shri Jadhav Shivam Dipak	Jadhav
3	6089	2017056106	Shri Jadhav Suhas Shivaji	Jadhav
4	6090	2017053224	Miss Jadhav Supriya Vishwas	Supriya
5	6091	2017039204	Miss Kamble Apurva Rajendra	Ambale
6	6092	2017038706	Miss Patil Anuja Arun	Patil
7	6093	2017038646	Shri Patil Ashish Balasaheb	Patil
8	6094	2017053419	Shri Patil Kiran Kundlik	Patil
9	6095	2017053364	Miss Patil Komal Krushnat	Komal
10	6096	2017053321	Shri Patil Niranjan Ramesh	Patil N.R.
11	6097	2016042169	Shri Patil Omkar Suresh	Patil
12	6098	2016049557	Miss Patil Priyanka Baramu	Patil
13	6099	2017038668	Shri Patil Rahul Kakaso	Patil
14	6100	2017038976	Shri Patil Santosh Popat	Patil
15	6101	2017053314	Shri Sadakale Adinath Chandrakant	Sadakale
16	6118	2016061228	Miss Pawar Nikeeta Dnyandev	A6
17	6119	2016041992	Shri Patil Amar Ashok	A6
18	6120		Shri Patil Swapnil Jalindar	A6
Name of the Teacher				

Course co-ordinator

Head of the Department
Department of Physics,

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

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Department of Physics

Certificate Course in

"ELECTRICAL MAINTENANCE AND SAFETY AWARENESS"

2019-2020

Attendance

Date: 15/02/2020

Time: 8 to 11 am

Sr. No.	Roll No.	Name of the student	Signature
1	6087	Shri Gavali Adinath Tanaji	Gavali
2	6088	Shri Jadhav Shivam Dipak	Jadhav
3	6089	Shri Jadhav Suhas Shivaji	Jadhav
4	6090	Miss Jadhav Supriya Vishwas	Supriya
5	6091	Miss Kamble Apurva Rajendra	Kamble
6	6092	Miss Patil Anuja Arun	Patil
7	6093	Shri Patil Ashish Balasaheb	Patil
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13	6099	Shri Patil Rahul Kakaso	Patil
14	6100	Shri Patil Santosh Popat	Patil
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Name of the Teacher: Shri Y. S. Pandit

Y. S. Pandit

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Department of Physics
Certificate Course in
"ELECTRICAL MAINTENANCE AND SAFETY AWARENESS"
2019-2020

Attendance

Date: 22/02/2020

Time: 9 to 11 am

Sr. No.	Roll No.	Name of the student	Signature
1	6087	Shri Gavali Adinath Tanaji	Gavali
2	6088	Shri Jadhav Shivam Dipak	Jadhav
3	6089	Shri Jadhav Suhas Shivaji	Jadhav
4	6090	Miss Jadhav Supriya Vishwas	Jadhav
5	6091	Miss Kamble Apurva Rajendra	Kamble
6	6092	Miss Patil Anuja Arun	Patil
7	6093	Shri Patil Ashish Balasaheb	Patil
8	6094	Shri Patil Kiran Kundlik	Patil
9	6095	Miss Patil Komal Krushnat	Patil
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12	6098	Miss Patil Priyanka Baramu	Patil
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16	6118	Miss Pawar Nikeeta Dnyandev	Pawar
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18	6120	Shri Patil Swapnil Jalindar	Patil

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Department of Physics

Certificate Course in Electrical Maintenance and Safety Awareness

Paper I Theory

Date: 29-02-2020

Time: 12 to 2 p.m.

Marks: 50

Q.1) Attempt any Two

30

- i) Why earthing are required. Explain in detail methods of earthing with diagram .
- ii) What is a panel board? Explain types of electrical panels.
- iii) Explain difference between grounding and earthing?

Q.2) Attempt any four

20

- i) What is earthing and explain type of earthing
 - ii) Explain difference between grounding and earthing?
 - iii) Explain in detail how to make electric board wiring
 - iv) What is earthing? Discuss importance of earthing.
 - v) Explain different types of wiring?
-

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

Department of Physics
Certificate Course in
"ELECTRICAL MAINTENANCE AND SAFETY AWARENESS"
2019-2020

Attendance

Date: 29/02/2020

Time: 12 to 2 P.M.

Sr. No.	Roll No.	Name of the student	Signature
1	6087	Shri Gavali Adinath Tanaji	Gavali
2	6088	Shri Jadhav Shivam Dipak	Jadhav
3	6089	Shri Jadhav Suhas Shivaji	Jadhav
4	6090	Miss Jadhav Supriya Vishwas	Supriya
5	6091	Miss Kamble Apurva Rajendra	Kamble
6	6092	Miss Patil Anuja Arun	Patil
7	6093	Shri Patil Ashish Balasaheb	Patil
8	6094	Shri Patil Kiran Kundlik	Patil
9	6095	Miss Patil Komal Krushnat	Komal
10	6096	Shri Patil Niranjan Ramesh	Patil
11	6097	Shri Patil Omkar Suresh	Patil
12	6098	Miss Patil Priyanka Baramu	Patil
13	6099	Shri Patil Rahul Kakaso	Patil
14	6100	Shri Patil Santosh Popat	Patil
15	6101	Shri Sadakale Adinath Chandrakant	Sadakale
16	6118	Miss Pawar Nikeeta Dnyandev	Pawar
17	6119	Shri Patil Amar Ashok	Patil
18	6120	Shri Patil Swapnil Jalindar	Patil

Name of the Teacher: Shri Y. S. Pandit

Y. S. Pandit

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

Certificate Course in Electrical Maintenance and Safety Awareness

Paper II Practical

Date: 02/03/2020

Time: 12 to 2 p.m.

Marks: 50

1. Testing and repair of electric board.

- Repair of electric board
 - Testing of electric board.
-

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

Department of Physics
Certificate Course in
"ELECTRICAL MAINTENANCE AND SAFETY AWARENESS"
2019-2020

Attendance

Date: 02/09/2020

Time: 12 to 3 pm

Sr. No.	Roll No.	Name of the student	Signature
1	6087	Shri Gavali Adinath Tanaji	Gavali
2	6088	Shri Jadhav Shivam Dipak	Jadhav
3	6089	Shri Jadhav Suhas Shivaji	Jadhav
4	6090	Miss Jadhav Supriya Vishwas	Jadhav
5	6091	Miss Kamble Apurva Rajendra	Kamble
6	6092	Miss Patil Anuja Arun	Patil
7	6093	Shri Patil Ashish Balasaheb	Patil
8	6094	Shri Patil Kiran Kundlik	Patil
9	6095	Miss Patil Komal Krushnat	Komal
10	6096	Shri Patil Niranjan Ramesh	Patil
11	6097	Shri Patil Omkar Suresh	Patil
12	6098	Miss Patil Priyanka Baramu	Patil
13	6099	Shri Patil Rahul Kakaso	Patil
14	6100	Shri Patil Santosh Popat	Patil
15	6101	Shri Sadakale Adinath Chandrakant	Sadakale
16	6118	Miss Pawar Nikeeta Dnyandev	AB
17	6119	Shri Patil Amar Ashok	AB
18	6120	Shri Patil Swapnil Jalindar	AB

Name of the Teacher: Shri Y. S. Pandit

Y. S. Pandit

"Dissemination of Education for Knowledge, Science and Culture"

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Padmabhushan Dr. Vasantodada Patil Mahavidyalaya Tasgaon Dist-Sangli

Department of Physics

Certificate Course in

"ELECTRICAL MAINTENANCE AND SAFETY AWARENESS"

2019-2020

Mark sheet

Sr. No.	Roll No.	Name of the student	Marks		
			Paper I (50)	Paper II (50)	Total (100)
1	6087	Shri Gavali Adinath Tanaji	40	40	80
2	6088	Shri Jadhav Shivam Dipak	35	42	77
3	6089	Shri Jadhav Suhas Shivaji	30	40	80
4	6090	Miss Jadhav Supriya Vishwas	45	40	85
5	6091	Miss Kamble Apurva Rajendra	40	40	80
6	6092	Miss Patil Anuja Arun	42	35	77
7	6093	Shri Patil Ashish Balasaheb	30	40	70
8	6094	Shri Patil Kiran Kundlik	38	40	78
9	6095	Miss Patil Komal Krushnat	40	40	80
10	6096	Shri Patil Niranjan Ramesh	Ab	40	40
11	6097	Shri Patil Omkar Suresh	37	40	77
12	6098	Miss Patil Priyanka Baramu	Ab	40	40
13	6099	Shri Patil Rahul Kakaso	30	40	70
14	6100	Shri Patil Santosh Popat	30	40	70
15	6101	Shri Sadakale Adinath Chandrakant	42	38	80
16	6118	Miss Pawar Nikeeta Dnyandev	Ab	Ab	Ab
17	6119	Shri Patil Amar Ashok	Ab	Ab	Ab
18	6120	Shri Patil Swapnil Jalindar	40	Ab	40

Name of the Examiner: Shri Y. S. Pandit



Dr. J. S. Ghodake

Head,

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



NAAC Accredited 'B' (2.76)

“ ज्ञान, विज्ञान आणि सुसंस्कार यांसाठी शिक्षणप्रसार ” - शिक्षणमहर्षी डॉ. बापूजी साळुंखे

Shri Swami Vivekanand Shikshan Sanstha, Kolhapur's

PADMABHUSHAN DR. VASANTRAODADA PATIL MAHAVIDYALAYA

TASGAON, Dist. Sangli, Pin 416 312 ☎ STD : 02346- 250 665, 250 575 FAX : 250575

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E-mail: san.pdvpm.tas@gmail.com Website : www.pdvpm-tasgaon.edu.in

Established Year : June 1962 P. B. No. : 14 Jr. College No. : J22-10-001 Sr. College Code No. : $\frac{SIACIA}{X}$ Jr.: C-8

Shikshanmaharshi
Dr. Babuji Salunkhe
B.A., B.T.D. Lit.
FOUNDER

Hon. Chandrakant (Dada) Patil
PRESIDENT
B.Com.
Minister of Revenue, Public Works
Govt. of Maharashtra

Prin. Abhaykumar Salunkhe
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M.A.

Prin. Mrs. Shubhangi Gawade
SECRETARY
M.Sc. B. Ed.

Dr. Milind S. Hujare
PRINCIPAL
M.Sc., Ph. D.

Ref.No. : PDVPMT/ 19-2020 समष्ट

Date : 17/03/2020

To,
Shri. Y. S. Pandit
Vishrambag,
Sangli

Dear Sir,

Department of Physics of the college has conducted Certificate Course in “Electrical Maintenance and Safety Awareness” in the academic year 2019-2020.

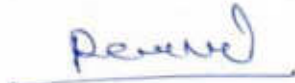
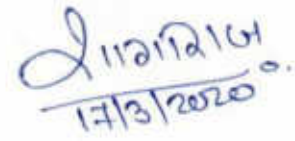
We are very much thankful to you for completion of syllabus and we expect the same kind of co-operation from you in future.

Thanking you in anticipation.


Dr. Milind S. Hujare

Principal

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



17/3/2020



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Shri Swami Vivekanand Shikshan Sanstha, Kolhapur's
PADMABHUSHAN Dr. VASANTRAODADA PATIL
MAHAVIDYALAYA TASGAON, DIST SANGLI
SANSTHAMATA SUSHILADEVI SALUNKHE
ENTREPRENEURSHIP AND SKILL DEVELOPMENT CENTER

CERTIFICATE

This is to certify that Mr./Ms. Jadhav Suhas Shivaji
Class B.Sc. III has successfully completed the certificate course
in Electrical Maintenance And safety Awareness
conducted by the **Department of Physics** during the academic year 2019-
2020.


Head


Coordinator


Principal



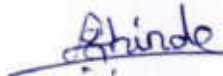
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Shri Swami Vivekanand Shikshan Sanstha, Kolhapur's
PADMABHUSHAN Dr. VASANTRAODADA PATIL
MAHAVIDYALAYA TASGAON, DIST SANGLI
SANSTHAMATA SUSHILADEVI SALUNKHE
ENTREPRENEURSHIP AND SKILL DEVELOPMNT
CENTER

CERTIFICATE

This is to certify that Mr./Ms. Miss Patil Komal Keushnat
Class B.Sc. III has successfully completed the certificate
course in Electrical maintenance And safety Awareness
conducted by the **Department of Physics** during the academic year
2019-2020.


Head


Coordinator


Principal