



Khandala Vibhag Shikshan samiti Khandala
Rajendra Mahavidyalaya, Khandala
Department Of Geography

Certificate Course in Land Surveying

Supportive Documents for Certificate Course Annual Report

Supportive Documents for

Certificate Course Annual Report includes-

- 1. Short Report of the Particular Academic Year**
- 2. Certificate Course Brochure/Handbook**
- 3. Notice regarding the Introduction date of the course & BOS Resolution**
- 4. Syllabus of the Course**
- 5. Course Objectives and Outcomes**
- 6. List of enrolled students**
- 7. Time Table**
- 8. Attendance Sheets**
- 9. Result of the Course**

राजेंद्र महाविद्यालय ,खंडाळा

भूगोल विभाग

नोटिस

दि. ०१.०८ २०१८

आपल्या महाविद्यालयामध्ये या वर्षापासून सुरु करण्यात आलेल्या 'लॅन्ड सर्वेक्षण' या शॉर्ट टर्म कोर्सचे तास दिं २-०८-२०१८ पासून आठवडयातून तीन दिवस गुरूवार,शुक्रवार, शनीवार या प्रमाणे सुरु होत आहेत. तरी कोर्ससाठी प्रवेश घेतलेल्या विद्यार्थ्यांनी दि. २-०८-२०१८ रोजी सकाळी ठिक ९.३० वाजता भूगोल विभागामध्ये उपस्थित रहावे.

प्रतिभापात्र

प्रभाक्षी प्राचार्य

राजेंद्र महाविद्यालय, खंडाळा
ता. खंडाळा, जि. सातारा

Khandala Vibhag Shikshan Samiti's, Khandala

Rajendra Mahavidyalaya Khandala

Department of Geography

Certificate Course In Land Surveying

2018-19

'Certificate Course in Land Surveying' course was started in the academic year 2018-19 through the department of Geography under Rajendra Mahavidyalaya Khandala. The said course is of 3 months duration and 7 students were enrolled in the said course, in the current academic year. In this course 7 students appeared for the exam, and the result of this course was 100 %. provided valuable guidance for students. After completion of the course all students were given a certificate.

प्रिन्सिपल

I/O Principal

Joshi's Shiksha Sadhana Mahavidyalaya
Khandala, Tal. Khandala Dist. Satara

Co-Ordinator

Certificate Course in Land Surveying



Khandala VibhagShikshan Samiti's
RAJENDRA MAHAVIDYALAYA, KHANDALA
(Arts, Commerce, Science & B. C. A.)
Khandala, Dist. Satara, 412 802 (MS)

(AFFILIATED TO SHIVAJI UNIVERSITY, KOLHAPUR)

महाराष्ट्र शासन उच्च व तंत्र शिक्षण विभाग यांचे आदेश क्र. एनजीसी २००७/(१८९/०७)/माशि-३
मंत्रालय विस्तार भवन, मुंबई-३२ दिनांक २ जुलै २००७ नुसार मान्यता

Ph.02169-252112, 252101, email : rmkhandala@yahoo.in

दिनांक : 6/7/2018

जावक नं. २११६१ २०१८-१९

To,

Mr. Modhe Ankush
Department of Geography,
Rajendra Mahavidyalaya,
Tal. Khandala, Dist. Satara.

Subject: Member of Board of Studies in Land Surveying.

Dear Sir,

Department of Geography of our college is organizing a short-term course entitled, Certificate course in Land Surveying from the year 2018-19. In order to construct the curriculum for this course, we have formed a Board of Studies (BOS).

We are pleased to inform you that you are appointed as a member of Board of Studies (BOS) of the said course. The BOS meets twice a year. We are sure that your contribution and experience will enhance the quality of higher education.

I/C Principal
Rajendra Mahavidyalaya, Khandala
Tal. Khandala, Dist. Satara



Khandala VibhagShikshan Samiti's
RAJENDRA MAHAVIDYALAYA, KHANDALA
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Ph.02169-252112, 252101, email : rmkhandala@yahoo.in

दिनांक : 6/7/2018

जावक नं. : सभद २०१८-१९

To,

Dr. Vinod Veer,

Head, Department of Geography,

Kisan Veer College, Wai,

Tal. Wai, Dist. Satara.

Subject: Member of Board of Studies in Land Surveying.

Dear Sir,

Department of Geography of our college is organizing a short-term course entitled, Certificate course in Land Surveying from the year 2018-19. In order to construct the curriculum for this course, we have formed a Board of Studies (BOS).

We are pleased to inform you that you are appointed as a member of Board of Studies (BOS) of the said course. The BOS meets twice a year. We are sure that your contribution and experience will enhance the quality of higher education.

A waiting your acceptance.

With warm regards.

(Handwritten Signature)

I/C Principal
Rajendra Mahavidyalaya, Khandala
Tal. Khandala, Dist. Satara



Khandala VibhagShikshan Samiti's
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जावक नं.: २१३६१-२०१८-१९

दिनांक : 6/7/2018

To,

Prof. Ravindra Sonavane,
Department of Geography,
Balwant College, Vita.

Subject: Member of Board of Studies in Land Surveying.

Dear Sir,

Department of Geography of our college is organizing a short-term course entitled, Certificate course in Yoga from the year 2018-19. In order to construct the curriculum for this course, we have formed a Board of Studies (BOS).

We are pleased to inform you that you are appointed as a member of Board of Studies (BOS) of the said course. The BOS meets twice a year. We are sure that your contribution and experience will enhance the quality of higher education.

Awaiting your acceptance.

With warm regards.

(Handwritten Signature)

I/C Principal
Rajendra Mahavidyalaya, Khandala
Tal. Khandala, Dist. Satara



Khandala Vibhag Shikshan Samiti's
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Ph.02169-252112, 252101, email : rmkhandala@yahoo.in

जावक नं.२ समेली 2018-19

दिनांक : 28/07/2018

To,

Dr. Vinod Veer,

Head, Department of Geography,

Kisan Veer College, Wai,

Tal. Wai, Dist. Satara.

Subject: Meeting of Board of Studies in Land Surveying.

Dear Sir,

The meeting of Board of Studies in Land Surveying will be arranged on 30/07/2018 at 11.00 am in the Department of Geography. The agenda of the meeting is as follows;

1. Construction of the Syllabus of the certificate course.
2. Construct the structure and examination pattern of the course.
3. Any other issue.

Kindly attend the meeting and cooperate

Thanking You.

Coordinator
Certificate Course in Land
Surveying

I/C Principal
Rajendra Mahavidyalaya, Khandala
Tal. Khandala, Dist. Satara



Khandala Vibhag Shikshan Samiti's
RAJENDRA MAHAVIDYALAYA, KHANDALA

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जावक नं.: सभ/३१ २०१८-१९

दिनांक 30/07/2018

Attendance Certificate

This is to certify that **Dr. Vinod Veer**, Department of Geography, Kisan Veer Mahavidyalaya, Wai, Dist. Satara, attended the meeting of Board of Studies in Land Surveying held on **30/07/2018** at Rajendra Mahavidyalaya, Khandala, Dist. Satara.

Coordinator
Certificate Course in Land
Surveying

I/C Principal
Rajendra Mahavidyalaya, Khandala
Tal. Khandala, Dist. Satara



Khandala Vibhag Shikshan Samiti's
RAJENDRA MAHAVIDYALAYA, KHANDALA

(Arts, Commerce, Science & B. C. A.)

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जावक नं. ३ २५३६१ २०१८-१९

दिनांक : 28/7/2018

To,

Prof Ravindra Sonavane,
Department of Geography,
Balwant College, Vita.

Subject: Meeting of Board of Studies in Land Surveying.

Dear Sir,

The meeting of Board of Studies in Land Surveying will be arranged on 30/07/2018 at 11.00 am in the Department of Geography. The agenda of the meeting is as follows;

1. Construction of the Syllabus of the certificate course.
2. Construct the structure and examination pattern of the course.
3. Any other issue.

Kindly attend the meeting and cooperate

Thanking You.

Coordinator
Certificate Course in Land
Surveying

I/C Principal
Rajendra Mahavidyalaya, Khandala
Tal. Khandala, Dist. Satara



Khandala Vibhag Shikshan Samiti's
RAJENDRA MAHAVIDYALAYA, KHANDALA

(Arts, Commerce, Science & B. C. A.)

Khandala, Dist. Satara, 412 802 (MS)

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जावक नं.: सवि २०१८-१९

दिनांक 30/07/2018

Attendance Certificate

This is to certify that **Prof. Ravindra Sonawane**, Department of Geography, Balwant College, Vita, Tal-Vita, Dist -Sangli, attended the meeting of Board of Studies in Land Surveying held on **30/07/2018** at Rajendra Mahavidyalaya, Khandala, Dist. Satara.

Coordinator
Certificate Course in Land
Surveying

I/C Principal
Rajendra Mahavidyalaya, Khandala
Tal. Khandala, Dist. Satara

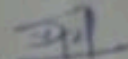

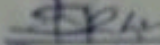
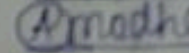
Khandala Vibhag Shikshan Samiti's
Rajendra Mahavidyalaya, Khandala
Department of Geography
Short term Course
Certificate Course in Land Surveying
Minutes of Board of Studies Meeting

Date: 30/07/2018

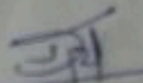
The first meeting of the BOS was held on 30th July, 2018 about planning of Certificate Course in Land Surveying in the Department of Geography.

Present Members

Ms. Sujata Padalkar	Chairman
Dr. Vinod Veer	Member
Mr. Ravindra Sonarvane	Member
Mr. Ankush Modhe	Member

1. It was decided that syllabus will include applied topics.
2. It has been unanimously decided that said course should be of 30 clock hours
3. duration, including 18 clock hours of Theory and 12 clock hours Practical .
4. Course fee was decided Rs.500 for each enrolled student.
5. It has been decided that the B.A. II and B. A. III Geography student should be given preference for admission for the said course.
6. Since there was no matter for discussion, the meeting ended with a vote thanks to Chair


Chairman, BOS

Certificate Course in Land Surveying



Khandala Vibhag Shikshan Samiti's
RAJENDRA MAHAVIDYALAYA, KHANDALA

(Arts, Commerce, Science & B. C. A.)

Khandala, Dist. Satara, 412 802 (MS)

(AFFILIATED TO SHIVAJI UNIVERSITY, KOLHAPUR)

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मंत्रालय विस्तार भवन, मुंबई-३२ दिनांक २ जुलै २००७ नुसार मान्यता

Ph.02169-252112, 252101, email : rmkhandala@yahoo.in

जावक नं.: स्त्रां २०१८-१९

दिनांक : 22/10/2018

To,

Prof. Ravindra Sonavane,
Department of Geography,
Balwant College, Vita.

Subject: Meeting of Board of Studies in Land Surveying.

Dear Sir,

The meeting of Board of Studies in Land Surveying will be arranged on 25/10/2018 at 11.00 am in the Department of Geography. The agenda of the meeting is as follows;

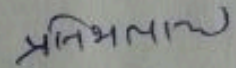
- Sanction of question papers
- Any other issue.

Kindly attend the meeting and cooperate

Thanking You.


Coordinator

Certificate Course in Land
Surveying



I/C Principal

Rajendra Mahavidyalaya, Khandala
Tal. Khandala, Dist. Satara



Khandala Vibhag Shikshan Samiti's
RAJENDRA MAHAVIDYALAYA, KHANDALA

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जावक नं.: २५३२१ २०१८-१९

दिनांक : 22/10/2018

To,

Dr. Vinod Veer,
Head, Department of Geography,
Kisan Veer College, Wai,
Tal. Wai, Dist. Satara.

Subject: Meeting of Board of Studies in Land Surveying.

Dear Sir,

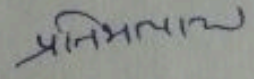
The meeting of Board of Studies in Land Surveying will be arranged on 25/10/2018 at 11.00 am in the Department of Geography. The agenda of the meeting is as follows;

- Sanction of question papers
- Any other issue.

Kindly attend the meeting and cooperate

Thanking You.


Coordinator
Certificate Course in Land
Surveying


I/C Principal
Rajendra Mahavidyalaya, Khandala
Tal. Khandala, Dist. Satara



Khandala Vibhag Shikshan Samiti's
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जावक नं. ३ संम २०१८-१९

दिनांक 25/10/2018

Attendance Certificate

This is to certify that **Dr. Vinod Veer**, Department of Geography, Kisan Veer Mahavidyalaya, Wai, Dist. Satara, attended the meeting of Board of Studies in Land Surveying held on **25/10/2018** at Rajendra Mahavidyalaya, Khandala, Dist. Satara.

Coordinator

Certificate Course in Land
Surveying

I/C Principal

Rajendra Mahavidyalaya, Khandala
Tal. Khandala, Dist. Satara

Khandala Vibhag Shikshan Samiti's
Rajendra Mahavidyalaya, Khandala
Department of Geography
Short term Course
Certificate Course in Land Surveying

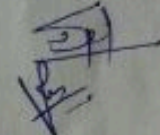

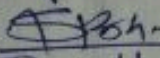
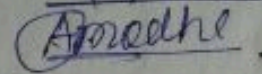
Minutes of Board of Studies Meeting

Date: 25/10/2018

The second meeting of the BOS was held on 25th Oct., 2018 about planning of examination of Certificate Course in Land Surveying in the Department of Geography.

Present Members:

Ms. Sujata Padalkar	Chairman
Dr. Vinod Veer	Member
Mr. Ravindra Sonanvane	Member
Mr. Ankush Modhe	Member

1. It was decided that theory, practical exam. and viva-voce will be conducted on same day.
2. Question paper of written exam drafted by Mr. Modhe and Mr. Sonavane is sanctioned by the committee.
3. Pattern and question paper of practical examination is discussed and finalized by the members of BOS.
4. Date and schedule of examination is decided.
5. Since there was no matter for discussion, the meeting ended with a vote thanks to the Chair.


Chairman, BOS

Certificate Course in Land Surveying



Khandala Vibhag Shikshan Samiti's
RAJENDRA MAHAVIDYALAYA, KHANDALA

(Arts, Commerce, Science & B. C. A.)

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जावक नं.: समक्ष/२०१८-१९

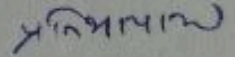
दिनांक 25/10/2018

Attendance Certificate

This is to certify that **Prof. Ravindra Sonawane**, Department of Geography, Balwant College, Vita, Tal-Vita, Dist -Sangli, attended the meeting of Board of Studies in Land Surveying held on 25/10/2018 at Rajendra Mahavidyalaya, Khandala, Dist. Satara.


Coordinator

Certificate Course in Land
Surveying



I/C Principal
Rajendra Mahavidyalaya, Khandala
Tal. Khandala, Dist. Satara

Khandala Vibhag Shikshan Samiti's
Rajendra Mahavidyalaya, Khandala
Department of Geography
Short term Course
Certificate Course in Land Surveying (A 03)

Syllabus

Paper No.1

Title: Introduction to Land Surveying and Techniques

General Objectives of the Course/ Paper/:

1. To acquaint the students with distinct dimensions of Land Record.
2. To understand the land Characteristics.
3. To get information about Distance and Area.
4. To make students aware of the important land and Property laws.
5. To help the students to understand recent land record system.
6. To get information about agricultural land heir registration and its distribution.

Note: Figures at the right side shows no. of periods per unit

Unit 1 Concept and Development of Land Record	03
1.1 Concept of Land Record	
1.2 Historical Development of Land Record	
1.3 Needs & Importance of Land Record	
Unit 2 Introduction to Land Surveying	03
2.1 Meaning and definition of surveying	
2.2 History of survey	
2.3 Types of surveying	
2.4 Concept of Surveying	
2.5 Uses of surveying	
Unit 3 Scale	03
3.1 Definition and meaning	
3.2 Characteristics and properties,	
3.3 Methods of expression of Scale,	
3.4 Measurement units	
Unit 4 Land Utilization Record and Its Interpretation	03
4.1 Concept and importance of Land Utilization	
4.2 General Land use with Special Reference to India & MH	

4.3 7/12 & Khate Utara (Only Types)

4.4 Pherphar Utara

03

Unit 5 Types of Land Survey and Required Instruments

5.1 Chain Tape Survey

5.2 Plane Table Survey

5.3 Prismatic Survey

5.4 Theodolite Survey

5.5 GPS Survey

03

Unit 6 Duties & Responsibilities of Land Record

6.1 Administrative Talathi, Tahasildar and Collector Office

6.2 Technical Surveyor and Jamadar Commissioner.

Reference Books

1. Singh & Kanujia : Map work and Practical Geography.
2. Kanetakar T.P. & Kukarni S.V. 1986. Surveying & leveling, Pune Vidyarthi GrihaPrakshan, Pune
3. www.mahabhulekh.maharashtra.gov.in
4. Dr.S.B. Shinde Cartography, Phadake Publication, Kolhapur
5. Dr.Arjun Kumbhar Practical Work ,Sumeru Publication, Mumbai
6. Dr.Shrikant Karlkar Remote Sensing Diamond Publication, Pune

Paper No. 2

Title: Field Survey and Laboratory Works

Practical Work is the most important part of Land Surveying. Map is an indispensable tool in Geographical Studies & Research activities. The present syllabus of this paper includes study of maps and their types, Map Projections, S.O.I. Topographic maps, I.M.D. Weather Maps, Statistical Methods and Cartographic Techniques. In the process of development of science and technology, the changing nature of subject of geography will make aware to the student about the map work and map interpretation. This will further help to improve the use of maps, cartographic techniques and methods in teaching-learning and research work

General Objectives of the Course/ Paper/:

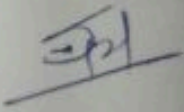
1. To introduce the students with the importance of field work & advanced Techniques in Land Surveying.
2. To introduce the students with the importance of map making area calculation.
3. To make the students to understand map and concept of scale.
4. To provide training in map making.
5. To develop the skill of map Interpretation among the students.
6. To enhance the skill of the students in instrumental survey.

Note: Figures at the right side shows no. of periods per unit

Unit 1	Map Making by Chain Tape Survey	03
Unit 2	Map Making by Plane-Table Survey	03
Unit 3	Map Making by Prismatic Survey	02
Unit 4	Map Making by GPS Survey	02

Reference Books

1. Singh & Kanujia: Map work and Practical Geography.
2. Kanetakar T. P. & Kukarni S.V. 1986. Surveying & leveling, Pune Vidyarthi Griha Prakshan, Pune.
3. www.mahabhulekh.maharashtra.gov.in
4. Dr. S.B. Shinde Cartography, Phadake Publication, Kolhapur
5. Dr. Arjun Kumbhar Practical Work, Sumeru Publication, Mumbai
6. Dr. Shrikant Karlikar Remote Sensing Diamond Publication, Pune



Khandala Vibhag Shikshan Samiti's
Rajendra Mahavidyalaya, Khandala
Department of Geography
Short term Course
Certificate Course in Land Surveying (A-03)

Aims and Objectives:

- To introduce the students a new technology of land surveying.
- To acquaint the students with reading obtained with total station /GPS forming a database for surveying and mapping.
- To offer practical training in land surveying to the students and make them surveying experts.
- To generate job opportunities in the corporate and government sector.

Outcomes:

In the process of development of science and technology, the changing nature of subject of geography will make aware to the student about the map work and map interpretation. This will further help to improve the use of maps, cartographic techniques and methods in teaching-learning and research work

Structure of the Course:

The Land Record and Surveying is Three Months certificate course. It consists of two papers including one theory and one practical each of 50 marks.

Title of Paper	Nature	Total periods	Total Marks
Introduction to Land Surveying and Techniques	Theory	18	50
Field and Laboratory Work	Practical	12	50

Pattern of Examination:

Pattern of Examination will be after the completion of course.

Duration: 3 months (Daily 1 hr.)

No. of Students per batch: 20

No. of batches: 1

Eligibility: - 10 +2 or its equivalent exam. Course is open for students of all faculties.

Fee Structure: Rs. 500/-

Medium of Instruction: Marathi

Khandala Vibhag Shikshan Samiti's
Rajendra Mahavidyalaya, Khandala
Department of Geography
Short term Course
Certificate Course in Land Surveying
Assessment and Evaluation

- **Theory** (50)
 - Q. 1. Answer in one sentence. (10 marks)
 - Q.2. Write a Short Notes (20 marks)
 - Q.3. Descriptive question (20 marks)
- **Practical:** (50)
 - Q.1 Descriptive Question (40 marks)
 - Q.2 Viva-Voce (10 marks)

✦ **Grades:**

Percentage	Grade
0-39 %	F (Fail)
40-49 %	P (Pass)
50-59 %	C (Average)
60-69 %	B (Good)
70-79%	A (Very Good)
80-89 %	A+ (Excellent)
90-100 %	O (Outstanding)





Khandala Vibhag Shikshan Samiti's
Rajendra Mahavidyalaya, Khandala
Department of Geography
Certificate Course in Land Surveying
List of Students 2018-2019

Sr. No.	Name	Class	Contact No.
1	Gadhve Ashish Sunil	B.A.III	7387180728
2	Dhamal Yogita Dattatray	B.A.III	9860761083
3	Madane Ujawala Pravin	B.A.III	7249841083
4	Shaik Misba Rajjak	B.A.III	7447260752
5	Ranvare Suraj Madhukar	B.A.III	9922158878
6	Salukhe Akash Hanumant	B.A.III	7769053502
7	Bhujbal Rohan Nivruti	B.A.III	9145666413

Khandala VibhagShikshan Samiti's
Rajendra Mahavidyalaya, Khandala
Department of Geography
Short term Course
Certificate Course in Land Surveying
Time Table(2018- 19)

Date	Teacher Name	Lecture	Practical
2/8/2018	Padalkar S.V.	9:30 to 10:30 AM	
3/08/2018	Modhe A.P.	10:30 to 11:30 AM	
4/08/2018	Modhe A. P.	10:30 to 11:30 AM	
9/08/2018	Padalkar S. V.	9:30 to 10:30 AM	
10/08/2018	Modhe A. P.		10:30 to 11:30 AM
11/08/2018	Padalkar S. V.	9:30 to 10:30 AM	
16/08/2018	Modhe A. P.	10:30 to 11:30 AM	
18/08/2018	Padalkar S. V.		9:30 to 10:30 AM
24/08/2018	Modhe A. P.	10:30 to 11:30 AM	
29/08/2018	Padalkar S. V.		9:30 to 10:30 AM
31/08/2018	Modhe A. P.		10:30 to 11:30 AM
06/09/2018	Padalkar S. V.	9:30 to 10:30 AM	
07/09/2018	Modhe A. P.	10:30 to 11:30 AM	
08/09/2018	Padalkar S. V.		9:30 to 10:30 AM
14/09/2018	Modhe A. P.	10:30 to 11:30 AM	
15/09/2018	Padalkar S. V.	9:30 to 10:30 AM	
18/09/2018	Modhe A. P.		10:30 to 11:30 AM
19/09/2018	Padalkar S. V.	9:30 to 10:30 AM	
20/09/2018	Modhe A. P.		10:30 to 11:30 AM
21/09/2018	Padalkar S. V.	9:30 to 10:30 AM	
22/09/2018	Modhe A. P.	10:30 to 11:30 AM	
27/09/2018	Padalkar S. V.		9:30 to 10:30 AM
29/09/2018	Modhe A. P.		10:30 to 11:30 AM
4 /10/2018	Padalkar S. V.	9:30 to 10:30 AM	
5 /10/2018	Modhe A. P.		10:30 to 11:30 AM
11/10/2018	Padalkar S. V.		9:30 to 10:30 AM
12/10/2018	Modhe A. P.	10:30 to 11:30 AM	
19/10/2018	Padalkar S. V.		9:30 to 10:30 AM



Khandala Vibhag Shikshan Samiti's
Rajendra Mahavidyalaya, Khandala
Department of Geography
Certificate Course in Land Surveying
Attendance Sheet

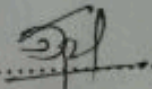
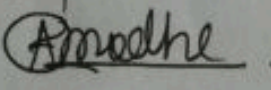
Sr. No.	Name	28/18	30/18	31/18	01/09/18	02/09/18	03/09/18	04/09/18	05/09/18	06/09/18	07/09/18	08/09/18	09/09/18	10/09/18	11/09/18	12/09/18	13/09/18	14/09/18	15/09/18	16/09/18	17/09/18	18/09/18	19/09/18	20/09/18	21/09/18	22/09/18	23/09/18	24/09/18	25/09/18	26/09/18	27/09/18	28/09/18	
1	GADHAVE ASHISH SUNIL	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	DHAMAL YOGITA DATTATRAY	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	MADANE UJAWALA PRAVIN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	SHAIK MISBA RAJJAK	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	RANVARE SURAJ MADHUKAR	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	BHUJBAL ROHAN NIVRUTI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Name & Signature of Teacher..... Padalkar S.V.
Modhe A.P.



Khandala VibhagShikshan Samiti's
 Rajendra Mahavidyalaya, Khandala
 Department of Geography
 Certificate Course in Land Surveying
 Attendance Sheet

Sr. No.	Name	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
		11/10/18	12/10/18	13/10/18	14/10/18	15/10/18	16/10/18	17/10/18	18/10/18	19/10/18	20/10/18	21/10/18	22/10/18	23/10/18	24/10/18	25/10/18	26/10/18	27/10/18	28/10/18	29/10/18	30/10/18				
1	GADHAVE ASHISH SUNIL	P	P	P																					
2	DHAMAL YOGITA DATTATRAY	P	P	P																					
3	MADANE UJAWALA PRAVIN	P	P	P																					
4	SHAIK MISBA RAJJAK	A	P	P																					
5	RANVARE SURAJ MADHUKAR	P	P	P																					
6	BHUJBAL ROHAN NIVRUTI	P	P	A																					

Name & Signature of Teacher..... Padalkar S.V. 
 Modhe . A.P 

Khandala Vibhag Shikshan Samiti's
Rajendra Mahavidyalaya, Khandala
Department of Geography
Short term Course
Certificate Course in Land Surveying
(2018-19)
Paper- 1: Land Surveying Techniques
(Theory)

Time- 2 hrs.

Total Marks:50

Date:

प्रश्न .१ एका वाक्यात उत्तरे लिहा

१० गुण

१. सर्वेक्षणाची व्याख्या लिहा ?
२. फेरफार उतारा म्हणजे काय ?
३. साखळी सर्वेक्षण म्हणजे काय ?
४. समतल फलकम्हणजे काय ?
५. सर्वेक्षणातील दोन साहित्याची नावे लिहा?

प्रश्न . २ टिपा लिहा (३पैकी कोणतेही २)

२० गुण

१. रेखांकन सर्वेक्षणाची पद्धती
२. सर्वेक्षणाचा इतिहास
३. साखळी सर्वेक्षण पद्धतीचे

प्रश्न . ३ दिर्घोत्तरी प्रश्न लिहा .

२० गुण

१. लोलकीय होकायत्र उपयोग
२. सर्वेक्षणाचे प्रकार लिहा

Khandala Vibhag Shikshan Samiti's
Rajendra Mahavidyalaya, Khandala
Department of Geography
Short term Course
Certificate Course in Land Surveying
(2018-2019)
Pepar- 2: Field Survey and Laboratory Works
(Practical)

Total Marks: 50

Time- 2 hrs.

Date:

४० गुण

प्रश्न . १ दिर्घोत्तरी प्रश्न लिहा .

१ . तोंडी सूचनेनुसारप्रदेशाचेसमतल फलक विकरण पद्धतच्या सहाय्याने सर्वेक्षण करा .

२ . लोलकिय होकायंज वापरताना कोणती काळजीध्यावी

१० गुण

प्रश्न . २ तोडी परिक्षा

Khandala Vibhag Shikshan Samiti's
Rajendra Mahavidyalaya, Khandala
Department of Geography
Short term Course
Certificate Course in Land Surveying
Result sheet (2018- 19)

Sr. No.	Name	Theory (50)	Practical (40)	Oral Test (10)	Total (100)	Grade
1.	Gadhawe Ashish Sunil	40	36	09	85	A+
2.	Dhamal Yogita Dattatray	43	35	10	88	A+
3.	Madane Ujawala Pravin	41	33	09	83	A+
4.	Shaik Misba Rajjak	35	28	08	71	A
5.	Ranvare Suraj Madhukar	37	30	08	75	A
6.	Salukhe Akash Hanumant	32	25	07	64	B
7	Bhujbal Rohan Nivruti	36	32	08	76	A


Course Co-ordinator