

Vasantdada Patil Arts, Commerce and Science College, Patoda Tq. Patoda Dist-
Beed

Department of Geography

Land Measurement Certificate Course

Admission Form

Year 2021-2022

PHOTO

Name of Applicant:	
Gender:	Male/Female/Other
Category:	Cast:
Date of Birth:	
Educational Qualification:	
Address:	
Mobile No.:	
Email ID:	
Document Attached:	
Name of Guardian:	
Occupation:	Annual Income:
Mobile No.:	

Parent Signature:

Applicant Signature:

Admission is conformed to the course:

Office Use

Date of Admission:

Receipt No.

Vasantdada Patil Arts, Commerce and Science College, Patoda Tq. Patoda Dist
Beed

Certificate Course

Land Measurement

Department of Geography

Course Objective

1. The main aims of the course are explain to the students about simple land measurement tools and techniques.
2. Students make familiar with land measurement instruments.
3. Introduced to the students about British and Metric measurement methods.
4. Students make practiced to triangulation land measurement method through chain and tape.

Course Outcome

1. Made awareness among society about land measurement.
2. Able to measure field, plot, area with the help of chain and tape.
3. Student capable to solve the clashes about land border in rural area.

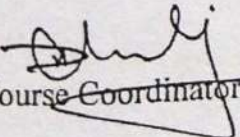
Syllabus of Certificate Course

Land Measurement


Unit	Teaching/ Learning Points	Periods
1	Land Measurement tools: Introduction, Tape and Chain, Types and uses of Tape and chain. Other useful instruments of Compass, Goniometer, Line ropery, Pin or Peg, Note book, Pencil etc.	8
2	Land Measurement Methods: Introduction, Measure of British Method. Measures of Metric Method, Mathematical Calculation of Area: Rectangle, Square, Sphere and Triangle. Triangulation method of land measurement: Introduction, Uses, merits and demerits.	8
3	Practical: Introduction, Physical survey of measuring area, Border determination of area, Direction determination through compass of area, Ascertaining of peg of pin on border point, Tie the Ropery, Area divide into triangular size, Taking measurement through tape and chain, Acquiring note of measurement on note book, Calculation of measurement, Result of area measurement.	16
	Grand Total	32

References

1. Dr.S B Shinde (2002): Practical Geography, Phadke Publication Kolhapure
2. Ahirrao and Alijhad (1999): Aspect of Maps and Surveying, Nirali Publication Pune
3. Saha abd Basu (2010): Advance Practical Geography, Anurabh Sen Kolkatta.


Course Coordinator

Dr. D H Chaudhari
Asst. Professor
Dept. of Geography
Vasantdada Patil College, Patoda


Principal

Vasantdada Patil Arts, Comm.
& Sci. College Patoda, Dist. Beed

- 1) इराड वैजवी मलय
- 2) बेइर अशोक गोरडा
- 3) लाकर पूजा युनिफ
- 4) शिरे कविता अशोकराज
- 5) चौबटी पपन आमावण
- 6) अ-राड प्रथीराज अगरीश
- 7) जायभाय मरादेव रामराज
- 8) अडागाळे सुरेखा अमलायराज
- 9)

Navgan Shikshan Sanstha Rajuri's

Vasantdada Patil Arts, Commerce & Science College, Patoda
Dist. Beed.



Department of Geography

LAND MEASUREMENT CERTIFICATE COURSE

Certificate of Completion

*This is to certify that.....
has been successfully completed the **Certificate Course in
Land Measurement** in our college during.....to.....
and obtainedGrade .
hence certified.*

Certificate No.....

Course Coordinator

Head of Department

Principal