

2.3.2 ICT ENABLED TOOLS

GOOGLE FORMS

S & G OBT 1 AY 22-23

* Indicates required question

1. Name of student *

2. Roll No *

3. Division *

4. Email ID *

5. The line joining points of equal elevation is known as a *

1 point

Mark only one oval.

Horizontal line

Contour line

Level line

plumb line

6. vertical distance between two adjacent contour lines is called *

1 point

Mark only one oval.

- Contour gradient
- Vertical equivalent
- Contour interval
- non of the above

7. The line formed along the intersection of the ground surface and a level surface is known as

* 1 point

Mark only one oval.

- Contour line
- Watershed line
- Level line
- plumb line

8. A contour line intersects a ridge line or valley line *

1 point

Mark only one oval.

- Obliquely
- Perpendicularly
- Vertically
- none of the above

9. The contour interval for a particular map is *

1 point

Mark only one oval.

- Kept constant
- Made variable
- Made irregular
- none of the above

10. When contour lines touch one another at a particular zone, it indicates a *

1 point

Mark only one oval.

- Level surface
- Vertical cliff
- Horizontal surface
- none of the above

11. When lower values are inside the loop, it indicates *

1 point

Mark only one oval.

- High ground
- Level ground
- A depression
- none of the above

12. When the higher values are inside the loop, it indicates a *

1 point

Mark only one oval.

- Hill
- Pond
- Sloping ground
- flat ground

13. The contour interval is inversely proportional to the *

1 point

Mark only one oval.

- Steepness of the area
- Extent of the area
- Scale of the map
- none of the above

14. When a contour interval is fixed between 0.25 and 0.50 m, it indicates *

1 point

Mark only one oval.

- A steep slope
- A flattish slope
- Almost level ground
- none of the above

15. Parallax can be eliminated by focusing on the _____ *

1 point

Mark only one oval.

- eye piece
- Objective glass
- Both A and B
- None of the above

16. In modern theodolite, centering of theodolite is done by _____ *

1 point

Mark only one oval.

- Optical plummet
- Plumb bob
- Foot screw
- Stone

17. Which part an arrangement in theodolite it has made for quick and accurate centering of the theodolite? * 1 point

Mark only one oval.

- Lower plate
- Telescope
- Shifting head
- Spindles

18. The graduation on the horizontal scale are mark from 0° to _____ * 1 point

Mark only one oval.

- 0°
- 90°
- 180°
- 360°

19. Least count on main scale in vernier theodolite is _____ * 1 point

Mark only one oval.

- $20'$
- $20''$
- 20°
- $1''$

20. Least count on vernier scale in vernier theodolite is _____ * 1 point

Mark only one oval.

- $20'$
- $20''$
- 20°
- $1''$

21. What is the first thing done by the surveyor after setting up the instrument? * 1 point

Mark only one oval.

- releasing all clamps
- levelling instrument
- turning plates
- clamping the plates

22. After levelling of an instrument is done what is the next up? * 1 point

Mark only one oval.

- releasing all clamps
- levelling instrument
- turning plates
- clamping the plates

23. Which axis is known as when theodolite is rotated in a horizontal plane ? * 1 point

Mark only one oval.

- Horizontal
- Vertical
- Axis of bubble
- Trunnion

24. When telescope and vertical circle are rotating with horizontal axis on which * 1 point plane?

Mark only one oval.

- Horizontal plane
- vertical plane
- Inclined plane
- Both A and B

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57 responses

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Name of student

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Samarth

Shripad Takane

Nimbalkar Yash Satish

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Shriyash Babasaheb Shinde Khatkale

ANAND SAHADEV SATPUTE

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Tulshidas Dattatray Iondhe

Kale Rohit Rajendra

Machale prathmesh Dilipkumar

sharvari Dhananjay Kothawale

Bhosale pratiksha aadhikarao

Aditya Santosh Asabe

Arati Manik Ghadge

Vishal Baban Mohite

Chavan Aishwarya Rohidas

Bheemashankar Rajashekhar Tukamali



Samarth Hippargi

Akshay Mahadev Kshirsagar

Raut Rutuja Sachin

Pooja Santosh dhere

Prajakta sajjan phalake

Tamayya Sikandar Mulani

Jadhav Gauri Sunil

Mahesh Padvale

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Bansode Poonam Bhairavnath

Kamble Kajal Shravan

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Shweta Ravi Kokane

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Dnyaneshwari Laxman Shinde

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shravan waghmode

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Abhishek Suresh Nimbale

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More Aniket Navnath

Pawar ganesh keru

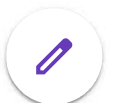
Waghmare swapnali valmik

Pujari Mangal Silisiddha

Mangal Silisiddha pujari

Megha ashok lokhande

Rahul Manageni Mashale



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Rohit Prabhakar Patil

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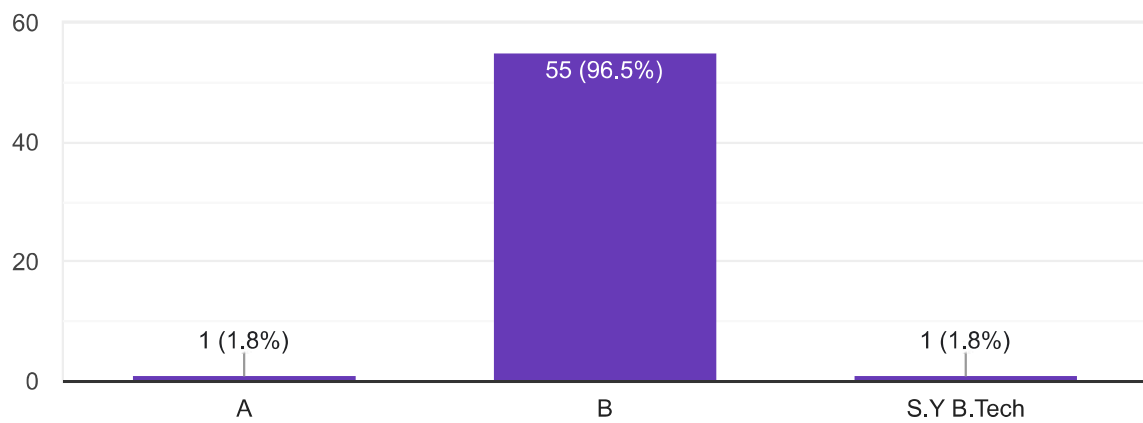
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abhisheknimbal8@gmail.com

sanketg465@gmail.com

aniketmorecivil@gmail.com

ganeshp8012@gmail.com

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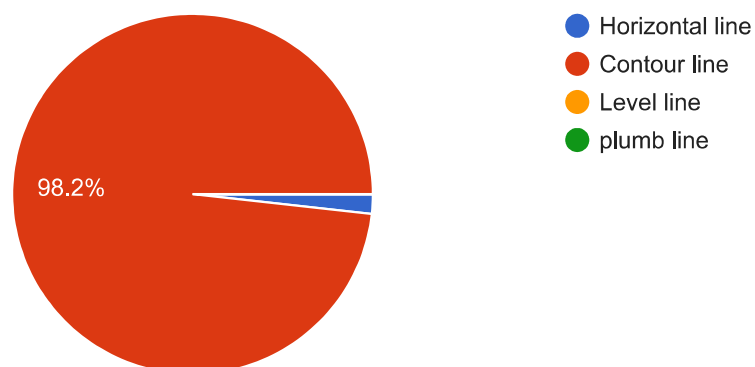
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rahulmashale33@gmail.com

The line joining points of equal elevation is known as a

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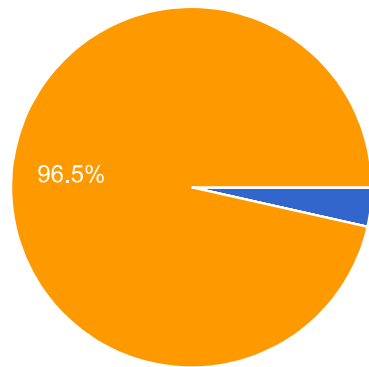
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vertical distance between two adjacent contour lines is called

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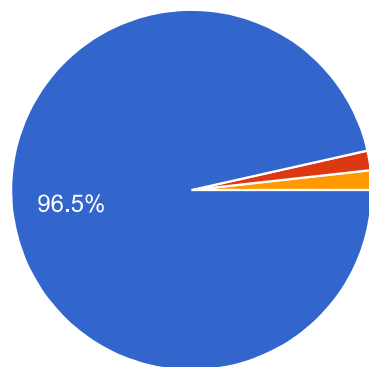


- Contour gradient
- Vertical equivalent
- Contour interval
- non of the above

The line formed along the intersection of the ground surface and a level surface is known as

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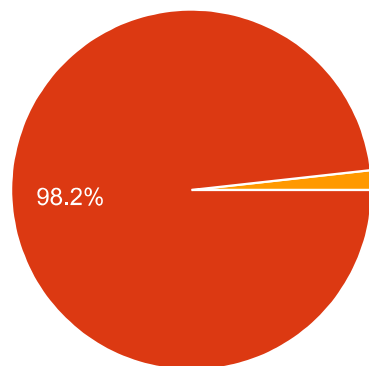


- Contour line
- Watershed line
- Level line
- plumb line

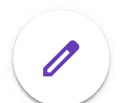
A contour line intersects a ridge line or valley line

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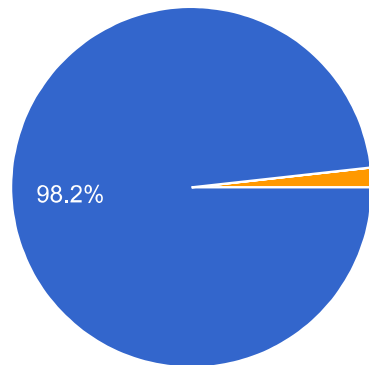
- Obliquely
- Perpendicularly
- Vertically
- none of the above



The contour interval for a particular map is

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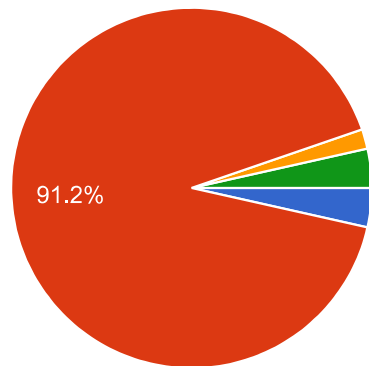


- Kept constant
- Made variable
- Made irregular
- none of the above

When contour lines touch one another at a particular zone, it indicates a

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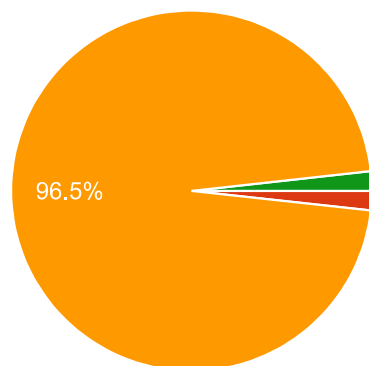


- Level surface
- Vertical cliff
- Horizontal surface
- none of the above

When lower values are inside the loop, it indicates

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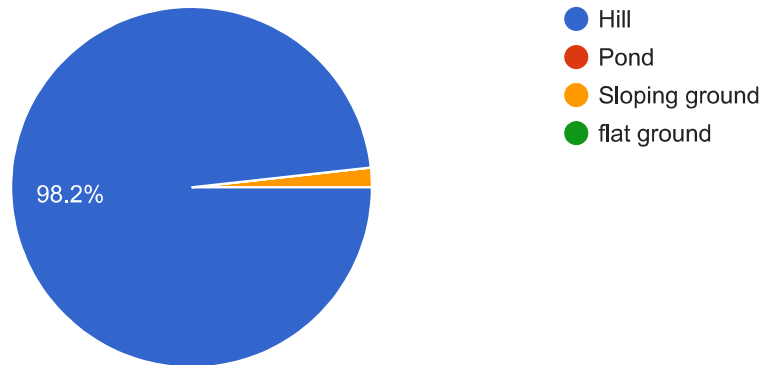
- High ground
- Level ground
- A depression
- none of the above



When the higher values are inside the loop, it indicates a

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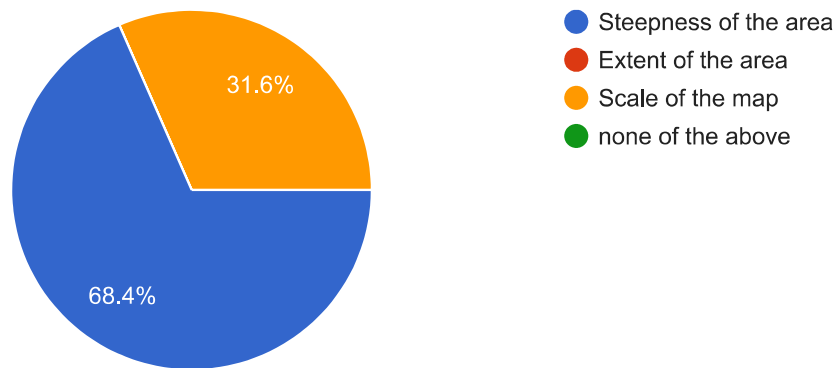
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The contour interval is inversely proportional to the

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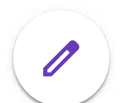
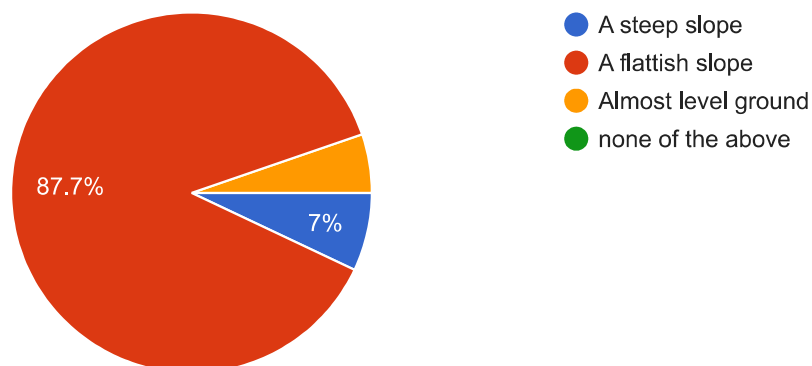
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When a contour interval is fixed between 0.25 and 0.50 m, it indicates

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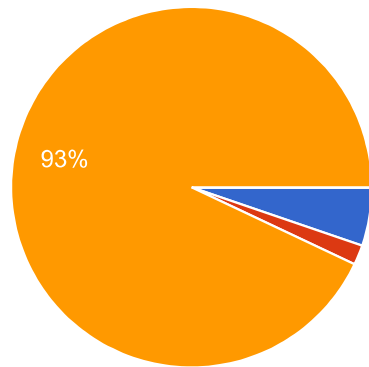
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Parallax can be eliminated by focusing on the_____

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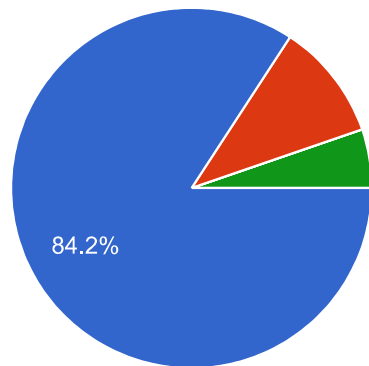


- eye piece
- Objective glass
- Both A and B
- None of the above

In modern theodolite, centering of theodolite is done by _____

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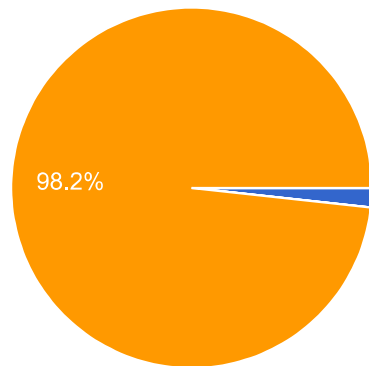


- Optical plummet
- Plumb bob
- Foot screw
- Stone

Which part an arrangement in theodolite it has made for quick and accurate centering of the theodolite?

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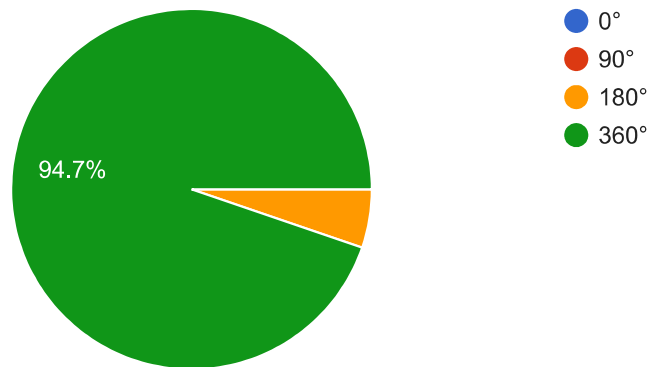
- Lower plate
- Telescope
- Shifting head
- Spindles



The graduation on the horizontal scale are mark from 0° to _____

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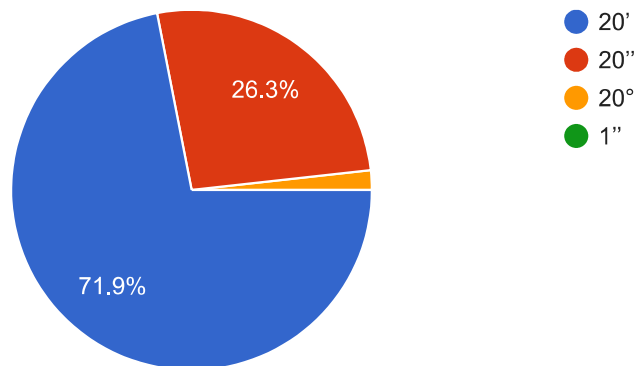
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Least count on main scale in vernier theodolite is ____

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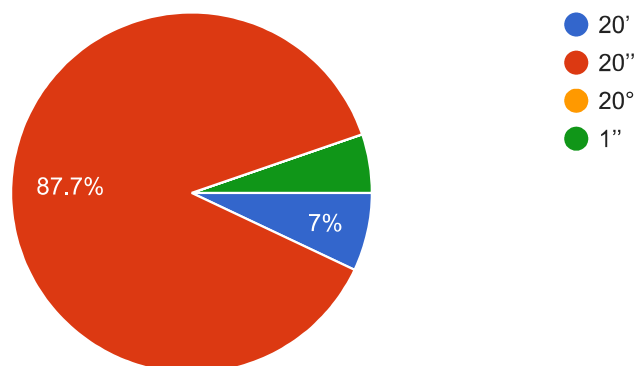
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Least count on vernier scale in vernier theodolite is _____

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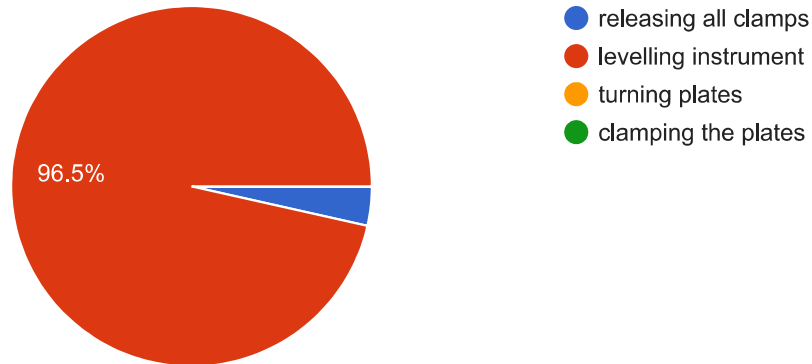
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What is the first thing done by the surveyor after setting up the instrument?

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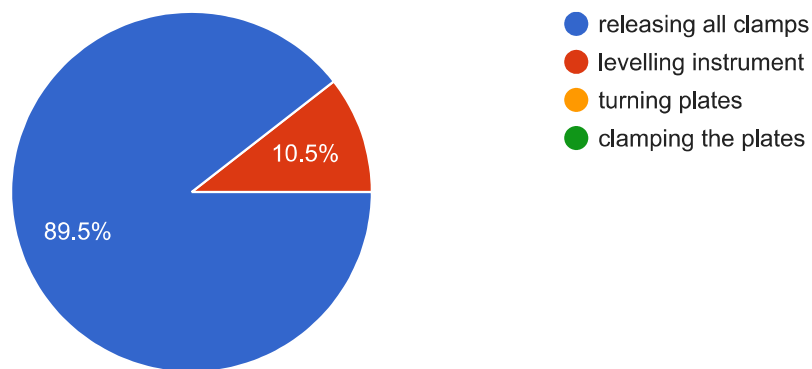
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After levelling of an instrument is done what is the next up?

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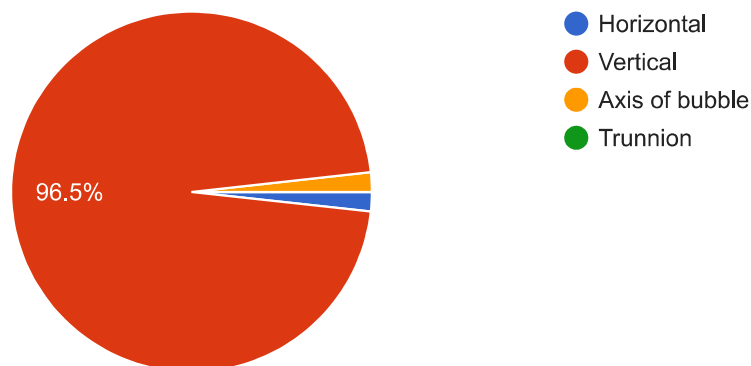
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Which axis is known as when theodolite is rotated in a horizontal plane ?

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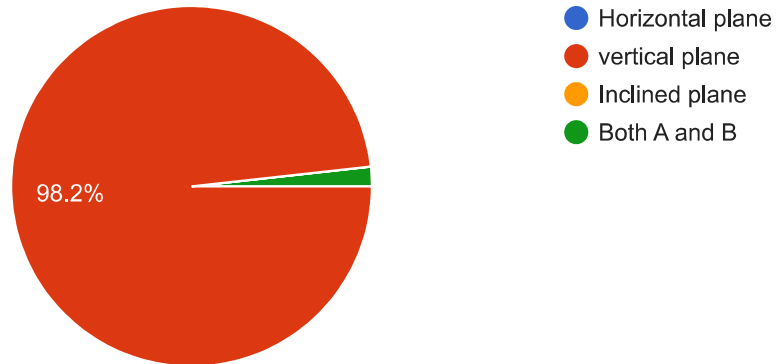
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When telescope and vertical circle are rotating with horizontal axis on which plane?

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57 responses



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Name of student *

AJAY SANJAY KHADE

Roll No *

33

Division *

B

Email ID *

ajaykhade0000@gmail.com

The line joining points of equal elevation is known as a *

1 point

- Horizontal line
- Contour line
- Level line
- plumb line

vertical distance between two adjacent contour lines is called *

1 point

- Contour gradient
- Vertical equivalent
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- non of the above

The line formed along the intersection of the ground surface and a level surface is known * 1 point
as

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- Level line
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A contour line intersects a ridge line or valley line *

1 point

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- Perpendicularly
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- Made variable
- Made irregular
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- Vertical cliff
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- A depression
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- Pond
- Sloping ground
- flat ground

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1 point

- Steepness of the area
- Extent of the area
- Scale of the map
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1 point

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Parallax can be eliminated by focusing on the _____ *

1 point

- eye piece
- Objective glass
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1 point

- Optical plummet
- Plumb bob
- Foot screw
- Stone

Which part an arrangement in theodolite it has made for quick and accurate centering of the theodolite? * 1 point

- Lower plate
- Telescope
- Shifting head
- Spindles

The graduation on the horizontal scale are mark from 0° to _____ * 1 point

- 0°
- 90°
- 180°
- 360°

Least count on main scale in vernier theodolite is _____ * 1 point

- $20'$
- $20''$
- 20°
- $1''$

Least count on vernier scale in vernier theodolite is _____ *

1 point

- 20'
- 20"
- 20°
- 1"

What is the first thing done by the surveyor after setting up the instrument? *

1 point

- releasing all clamps
- levelling instrument
- turning plates
- clamping the plates

After levelling of an instrument is done what is the next up? *

1 point

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- turning plates
- clamping the plates

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1 point

- Horizontal
- Vertical
- Axis of bubble
- Trunnion

When telescope and vertical circle are rotating with horizontal axis on which plane? *

1 point

- Horizontal plane
- vertical plane
- Inclined plane
- Both A and B

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Shri Vithal Education & Research Institute's

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Ref:- COEPR / 2018-2019 / 1334

Date:- 27/10/2018

To,
 Vaibhav Computers,
 S.S.Front Road,Vijayapur,
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Subject: - Purchase order for Computer Systems and Peripheral Devices.
 Ref:- Your Tender Quotation dated 06/09/2018 and further negotiation.

Dear Sir,
 With the above reference, we are pleased to place the Purchase Order for Computer Systems and Peripheral Devices for our College as per the details given below.

Sr. No.	Particulars	Qty	Rate per unit (Rs.)	GST %	Amount in including GST(Rs.)
01.	Make: HP i5 8500 Processor Base Frequency 3.00 Hz, Max Turbo Frequency 4.10 Hz Cache 9 MB Smart Cache BUS Speed 8 GT/s DMI3 TDP, 65W, RAM- 4GB, HDD-1TB, Inbuilt Graphics Card, Monitor- 21.5"	06	45000.00	18	318600.00
02.	Make: HP i5 8500 Processor Base Frequency 3.00 Hz, Max Turbo Frequency 4.10 Hz Cache 9 MB Smart Cache BUS Speed 8 GT/s DMI3 TDP, 65W, RAM- 8GB, HDD-1TB, Inbuilt Graphics Card, Monitor- 21.5"	03	47000.00	18	166380.00
03.	Acer Veritoni3 DOS Intel H110, Cj3 7100, 4GB DDR3, 1 TB HDD, No ODD, USB K+M, Free DOS, 18.5" non TCO Monitor, MT Chassis/ 200 W SMPS.	50	27500.00	18	1622500.00
04.	HP Z240 Tower Workstation E3-1225v6 3.3 8M GT2 4C, 8GB DDR4-2400 nECC (1x8GB) RAM, 1TB, NVIDIA Quadro P1000 4GB, Win 10 Pro 64 for Workstations INDIA, DVDRW, 21.5" HP monitor.	05	110000.00	18	649000.00
05.	Epson LQ 1310 Dot matrix printer 24 pin.	10	13200.00	18	155760.00
06.	HP Laserjet 1020 plus Printer.	08	9800.00	18	92512.00
07.	Raptor IR IWB Smart Board RYJC085C Ceramic Based Smart Board.	03	36000.00	18	127440.00
08.	Computer Sound: 1 Ball 2.0 Speaker.	08	850.00	18	8024.00
09.	Transcend DDR3 RAM 2GB.	55	800.00	18	51920.00
10.	EPSON EB S41 3300 lumen, versatile SVGA Projector HDMI Inputs, Wifi connectivity Long life.	15	25300.00	28	485760.00
				Total	3677896.00
In Words: Rs. Thirty Six Lacs Seventy Seven Thousand Eight Hundred Ninety Six Only.					

The order is subject to the following terms and conditions:

- Acceptance of material is subject to prior inspection and approval from our side.
- Prices are inclusive of all taxes, GST, duties, packing, forwarding, transportation up to our institute and installation.
- Delivery within one week.
- Warranty: a) Sr.No.01 to 04: Three years onsite comprehensive warranty from the date of satisfactory demonstration.
 b) Sr.No.05 to 09: One years onsite comprehensive warranty from the date of satisfactory demonstration.
 c) Sr.No.10: Two years onsite comprehensive warranty on projector and One year onsite comprehensive warranty on lamp from the date of satisfactory demonstration.
- Payment: 100% against successful installation & satisfactory demonstration.
- TDS, if any, will be deducted as per Government rules.

Yours faithfully,

B. Ronge

(Dr. B. P. Ronge)
 PRINCIPAL



Received
Shilpa Das

LCD PROJECTOR

SVERI's College of Engineering, Pandharpur

Department of Civil Engineering

LCD PROJECTOR





M949+2RF, Gadegaon, Maharashtra 413304, India

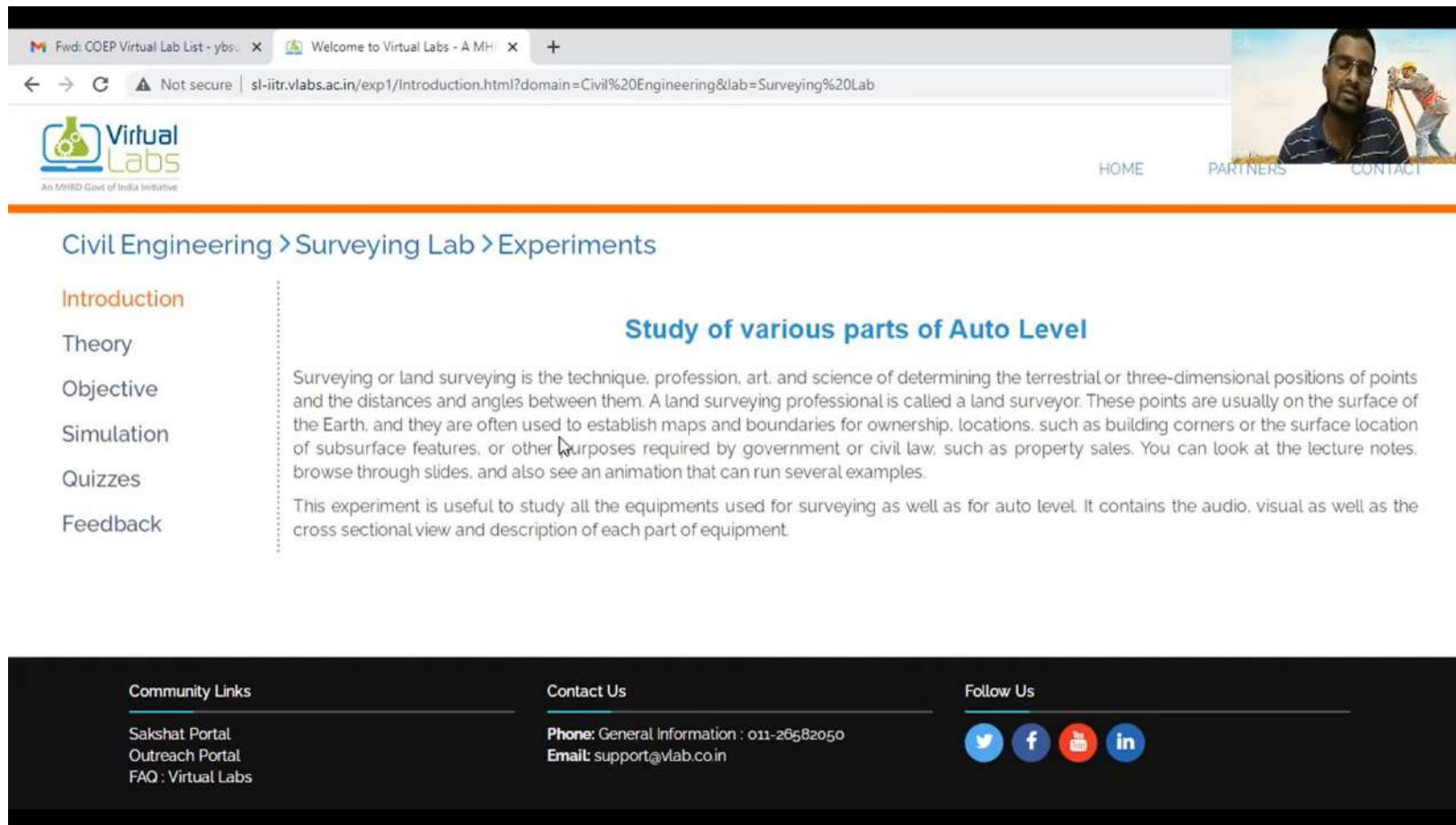
Gadegaon
Maharashtra
India

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Latitude	17.654978	17°39'17" N
Longitude	75.369692	75°22'10" E

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Introduction

Theory

Objective

Simulation

Quizzes

Feedback

Study of various parts of Auto Level

Surveying or land surveying is the technique, profession, art, and science of determining the terrestrial or three-dimensional positions of points and the distances and angles between them. A land surveying professional is called a land surveyor. These points are usually on the surface of the Earth, and they are often used to establish maps and boundaries for ownership, locations, such as building corners or the surface location of subsurface features, or other purposes required by government or civil law, such as property sales. You can look at the lecture notes, browse through slides, and also see an animation that can run several examples.

This experiment is useful to study all the equipments used for surveying as well as for auto level. It contains the audio, visual as well as the cross sectional view and description of each part of equipment.

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ERP-based CO-PO Attainment

Outcome Based Education (OBE) System is implemented through RWork (ERP) software and is explained using a course SURVEYING & GEOMATICS (CE36L) of Second Year under Program UG in Civil Engineering as follows

Step 1: PEOs, POs and PSOs are defined for each Academic Year 2022-23

RWork SVRI'S COLLEGE OF ENGINEERING, PANDHARPUR YOGESH

PEO, PO And PSO

Create/View/Update PEO, PO & PSO Note : * Indicates Mandatory Fields

Program* Batch*

Program Educational Objectives (PEOs) Information Download Report

Sr. No.	PEO No.	PEO Statements	Approved In	Action
1	PEO1	FUNCTION SUCCESSFULLY IN A PROFESSIONAL ENVIRONMENT THROUGH USE OF APPROPRIATE TECHNOLOGY TOWARDS HOLISTIC DEVELOPMENT OF URBAN & RURAL AMENITIES & INFRASTRUCTURE WITH CONSIDERATION OF SAFETY, SUSTAINABILITY, ECONOMICAL FEASIBILITY & ENVIRONMENTAL IMPACT RELATED ISSUES	THE MEETING OF BOARD OF GOVERNORS (BOG) DATED 25/3/2018	
2	PEO2	DEMONSTRATE LEADERSHIP, PROFESSIONAL ETHICS, PROJECT MANAGMENTAL & FINANCE RELATED ATTRIBUTES AS EMPLOYEES OR EMPLOYERS	THE MEETING OF BOARD OF GOVERNORS (BOG) DATED 25/3/2018	
3	PEO3	DEMONSTRATE STRONG COMMUNICATION IN THE SOCIETY & LEADERSHIP SKILLS AND CONTRIBUTE AT INDIVIDUAL AS WELL AS MULTIDISCIPLINARY TEAM LEVELS	THE MEETING OF BOARD OF GOVERNORS (BOG) DATED 25/3/2018	
4	PEO4	ENGAGE IN ENRICHMENT OF KNOWLEDGE & SKILLS THROUGH LIFE-LONG LEARNING TO EVOLVE INNOVATIVE SOLUTION IN CIVIL ENGINEERING	THE MEETING OF BOARD OF GOVERNORS (BOG) DATED 25/3/2018	
5	PEO5	DEMONSTRATE A SENSE OF ETHICAL & SOCIETAL RESPONSIBLY IN VARIOUS SECTORS SUCH AS WATER SUPPLY, SANITATION, TRANSPORTATION, IRRIGATION, FLOOD CONTROL, ETC.	THE MEETING OF BOARD OF GOVERNORS (BOG) DATED 25/3/2018	

Program Outcomes (POs) Information

[Download Report](#)

Sr. No.	PO No.	PO Statements	Approved In	Action
1	PO1	ENGINEERING KNOWLEDGE: - APPLY THE KNOWLEDGE OF MATHEMATICS SCIENCE ENGINEERING FUNDAMENTALS AND ENGINEERING SPECIALIZATION TO THE SOLUTION OF COMPLEX ENGINEERING PROBLEMS	THE MEETING OF BOARD OF GOVERNORS (BOG) DATED 25/3/2018	
2	PO2	PROBLEM ANALYSIS: - IDENTIFY FORMULATE REVIEW RESEARCH LITERATURE AND ANALYZE COMPLEX ENGINEERING PROBLEMS REACHING SUBSTANTIATED CONCLUSIONS USING FIRST PRINCIPLES OF MATHEMATICS NATURAL SCIENCES AND ENGINEERING SCIENCES	THE MEETING OF BOARD OF GOVERNORS (BOG) DATED 25/3/2018	
3	PO3	DESIGN /DEVELOPMENT OF SOLUTIONS: - DESIGN SOLUTIONS FOR COMPLEX ENGINEERING PROBLEMS AND DESIGN SYSTEM COMPONENTS FOR PROCESSES THAT MEET THE SPECIFIED NEEDS WITH APPROPRIATE CONSIDERATION FOR THE PUBLIC HEALTH AND SAFETY AND THE CULTURAL SOCIETAL AND ENVIRONMENTAL CONSIDERATIONS	THE MEETING OF BOARD OF GOVERNORS (BOG) DATED 25/3/2018	
4	PO4	CONDUCT INVESTIGATIONS OF COMPLEX PROBLEMS: - USE RESEARCH BASED KNOWLEDGE AND RESEARCH METHODS INCLUDING DESIGN OF EXPERIMENTS ANALYSIS AND INTERPRETATION OF DATA AND SYNTHESIS OF THE FORMATION TO PROVIDE VALID CONCLUSIONS	THE MEETING OF BOARD OF GOVERNORS (BOG) DATED 25/3/2018	
5	PO5	MODERN TOOL USAGE: -CREATE SELECT AND APPLY APPROPRIATE TECHNIQUES RESOURCES AND MODEL ENGINEERING AND IT TOOLS INCLUDING PREDICTION AND MODELING TO COMPLEX ENGINEERING ACTIVITIES WITH AN UNDERSTANDING OF THE LIMITATIONS	THE MEETING OF BOARD OF GOVERNORS (BOG) DATED 25/3/2018	
6	PO6	THE ENGINEER AND SOCIETY: -APPLY REASONING INFORMED BY THE CONTEXTUAL KNOWLEDGE TO ASSESS SOCIETAL HELD SAFETY LEGAL AND CULTURAL ISSUES AND THE CONSEQUENT RESPONSIBILITY IS RELEVANT TO THE PROFESSIONAL ENGINEERING PRACTICE	THE MEETING OF BOARD OF GOVERNORS (BOG) DATED 25/3/2018	
7	PO7	ENVIRONMENT AND SUSTAINABILITY: - UNDERSTAND THE IMPACT OF THE PROFESSIONAL ENGINEERING SOLUTIONS IN SOCIETAL AND ENVIRONMENTAL CONTEXT AND DEMONSTRATE THE KNOWLEDGE OF AND NEED FOR SUSTAINABLE DEVELOPMENT	THE MEETING OF BOARD OF GOVERNORS (BOG) DATED 25/3/2018	
8	PO8	ETHICS: - APPLY ETHICAL PRINCIPLES AND COMMIT TO PROFESSIONAL ETHICS AND RESPONSIBILITIES AND NORMS TO THE ENGINEERING PRACTICE	THE MEETING OF BOARD OF GOVERNORS (BOG) DATED 25/3/2018	
9	PO9	INDIVIDUAL AND TEAMWORK: - FUNCTION EFFECTIVELY AS AN INDIVIDUAL AND AS A MEMBER OR A LEADER IN DIVERSE TEAMS AND IN MULTIDISCIPLINARY SETTINGS	THE MEETING OF BOARD OF GOVERNORS (BOG) DATED 25/3/2018	
10	PO10	COMMUNICATION: - COMMUNICATE EFFECTIVELY ON COMPLEX ENGINEERING ACTIVITIES WITH THE ENGINEERING COMMUNITY AND WITH SOCIETY AT LARGE SUCH AS BEING ABLE TO COMPREHEND AND WRITE EFFECTIVE REPORTS AND DESIGN DOCUMENTATION MAKE EFFECTIVE PRESENTATIONS AND GIVE AND RECEIVE CLEAR INSTRUCTIONS	THE MEETING OF BOARD OF GOVERNORS (BOG) DATED 25/3/2018	
11	PO11	PROJECT MANAGEMENT AND FINANCE: - DEMONSTRATE KNOWLEDGE AND UNDERSTANDING OF THE ENGINEERING AND MANAGEMENT PRINCIPLES AND APPLIED THESE TWO ONE'S OWN WORK AS A MEMBER AND A LEADER IN A TEAM TO MANAGE PROJECTS AND IN MULTIDISCIPLINARY ENVIRONMENTS	THE MEETING OF BOARD OF GOVERNORS (BOG) DATED 25/3/2018	
12	PO12	LIFELONG LEARNING: - RECOGNIZE THE NEED FOR AND HAVE THE PREPARATION AND ABILITY TO ENGAGE IN INDEPENDENT AND LIFELONG LEARNING IN THE BROADEST CONTEXT OF TECHNOLOGICAL CHANGE	THE MEETING OF BOARD OF GOVERNORS (BOG) DATED 25/3/2018	

Program Specific Outcomes (PSOs) Information

[Download Report](#)

Sr. No.	PSO No.	PSO Statements	Approved In	Action
1.	PSO1	DESIGN VARIOUS CIVIL ENGINEERING STRUCTURES COMPONENTS FOR PROCESS IS TO MEET DESIRED NEEDS WITHIN THE REALISTIC CONSTRAINTS SUCH AS ECONOMIC, ENVIRONMENTAL, SOCIAL, REGULATORY, ETHICAL, HEALTH SAFETY, MANUFACTURABILITY AND SUSTAINABILITY	THE MEETING OF BOARD OF GOVERNORS (BOG) DATED 25/3/2018	
2.	PSO2	CONDUCT LABORATORY EXPERIMENTS AND CRITICALLY ANALYZE TO INTERPRET DATA RELATED TO SOIL MECHANICS, FLUID MECHANICS, ENVIRONMENTAL AND CIVIL ENGINEERING MATERIALS	THE MEETING OF BOARD OF GOVERNORS (BOG) DATED 25/3/2018	
3.	PSO3	USE THE TECHNIQUES SKILLS AND MODEL SOFTWARE TOOLS NECESSARY FOR PROFESSION PARTICULARLY IN THE AREAS OF ENVIRONMENTAL, WATER RESOURCES, GEO TECHNICAL, STRUCTURAL AND TRANSPORTATION ENGINEERING	THE MEETING OF BOARD OF GOVERNORS (BOG) DATED 25/3/2018	

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Step 2: COs are defined for a course

Course Details

View/Update Course Details

[Course Information](#) |
 [Course CO Information](#) |
 [Syllabus](#) |
 [Course Tool Information](#)

Academic Year*

Program*

Class*

Semester*

Division*

Course*

Sr. No.	CO Code	CO Statements	Bloom's Level	Action
1	CE31C.1	UNDERSTAND THE TEMPORARY ADJUSTMENTS OF MODERN SURVEYING EQUIPMENTS AND THE ATTRIBUTES OF LEADERSHIP, WORKING IN THE TEAM AND PROFESSIONAL ETHICS WHILE PERFORMING THE SURVEYING PROJECTS.	BL2 UNDERSTAND	Edit
2	CE31C.2	EXPERIMENT WITH THE SURVEYING INSTRUMENTS SUCH AS THEODOLITE FOR MEASUREMENTS OF HORIZONTAL/ VERTICAL/INCLINED DISTANCE, HORIZONTAL/ VERTICAL ANGLES AND BEARINGS	BL3 APPLY	Edit
3	CE31C.3	ILLUSTRATE THE USE OF THE SURVEYING INSTRUMENTS NAMELY LEVELS EDM, TOTAL STATION FOR SURVEYING MEASUREMENTS SUCH AS HORIZONTAL/ VERTICAL/INCLINED DISTANCE, HORIZONTAL/ VERTICAL ANGLES, BEARINGS, REDUCED LEVELS, AND COORDINATES	BL3 APPLY	Edit
4	CE31C.4	USE THE INFORMATION OF MODERN SURVEYING TECHNIQUES NAMELY GLOBAL POSITIONING SYSTEM FOR CIVIL ENGINEERING APPLICATIONS.	BL3 APPLY	Edit
5	CE31C.5	USE THE MODERN SURVEYING TECHNIQUES NAMELY REMOTE SENSING FOR CIVIL ENGINEERING APPLICATIONS.	BL3 APPLY	Edit
6	CE31C.6	DETERMINE THE USE OF MODERN SURVEYING TECHNIQUES LIKE GEOGRAPHIC INFORMATION SYSTEM FOR CIVIL ENGINEERING APPLICATIONS SUCH AS DEVELOP PLANS, DRAW MAPS AND DRAFT REPORTS FOR SURVEYING PROJECTS OF CIVIL ENGINEERING WORKS	BL3 APPLY	Edit

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Step 3: CO-PO mapping index is prepared

Course - PO Mapping Index

CO-PO Matrix

Note: * Indicates Mandatory Fields

Academic Year 2022-23

Program UNDER GRADUATE IN CIVIL ENGINEERING

Degree Level UNDER GRADUATE

Department CIVIL ENGINEERING

Class SECOND YEAR

Semester SEMESTER I

Division A

Course SURVEYING & GEOMATICS (CE31C)

Level of Co-relation

No Co-relation: 0 Low Co-relation: 1 Medium Co-relation: 2 High Co-relation: 3

Sr. No.	CO Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	CE31C.1	-	-	3	3	-	-	-	-	3	-	-	-	3	3	-
2	CE31C.2	-	-	3	3	-	-	-	-	3	-	-	-	3	3	-
3	CE31C.3	-	-	3	3	2	-	-	-	3	-	-	-	3	3	2
4	CE31C.4	-	-	3	2	-	-	-	-	-	-	-	-	3	2	-
5	CE31C.5	-	-	3	2	-	-	-	-	-	-	-	-	3	2	-
6	CE31C.6	-	-	3	2	3	-	-	-	-	2	-	-	3	2	2

Course PO Matrix

Sr. No.	Course Code	Course Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	CE31C	SURVEYING & GEOMATICS	-	-	3.00	2.50	2.50	-	-	-	3.00	2.00	-	-	3.00	2.50	2.00

[Update](#)
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[Back](#)

Step 4: Tools (Internal and External) are defined for CO Attainment

Course Details

View/Update Course Details

Course Information
Course CO Information
Syllabus
Course Tool Information

Academic Year*

2022-23

Program*

UNDER GRADUATE IN CIVIL ENGINEERING (ICE1)

Class*

SECOND YEAR

Semester*

SEMESTER I

Division*

A

Sr. No.	Course Code	Course Name	Assigned Tools	Action
1	CE31C	SURVEYING & GEOMATICS	ESE, ISE-1, OBT-1, THT-1, FISE-1, ISE-2, OBT-2, FISE-2, ISE-3, OBT-3, FISE-3, ISE, UT-1, UT-2, UT-3, ASSIGNMENT, PPPE	FREEZED
2	CE32C	FLUID MECHANICS AND FLUID MACHINES	ESE, ISE-1, OBT-1, THT-1, FISE-1, ISE-2, OBT-2, FISE-2, ISE-3, OBT-3, FISE-3, ISE, UT-1, UT-2, UT-3, ASSIGNMENT, PPPE	FREEZED
3	CE33C	CONCRETE TECHNOLOGY, MATERIAL TESTING & EVALUATION	ESE, ISE-1, OBT-1, THT-1, FISE-1, ISE-2, OBT-2, FISE-2, ISE-3, OBT-3, FISE-3, ISE, UT-1, UT-2, UT-3, ASSIGNMENT, PPPE	FREEZED
4	CE34C	BUILDING CONSTRUCTION & DRAWING	ESE, ISE-1, OBT-1, THT-1, FISE-1, ISE-2, OBT-2, FISE-2, ISE-3, OBT-3, FISE-3, ISE, UT-1, UT-2, UT-3, ASSIGNMENT, PPPE	FREEZED
5	CE35C	STRUCTURAL MECHANICS-I	ESE, ISE-1, OBT-1, THT-1, FISE-1, ISE-2, OBT-2, FISE-2, ISE-3, OBT-3, FISE-3, ISE, UT-1, UT-2, UT-3, ASSIGNMENT, PPPE	FREEZED
6	CE36L	SURVEYING & GEOMATICS	POE, ICA, LAB BOOK, LAB TEST 1, ICA-D, LAB TEST 2, LAB TEST	FREEZED
7	CE37L	FLUID MECHANICS AND FLUID MACHINES	LAB BOOK, LAB TEST 1, POE, ICA-D, ICA, LAB TEST 2, LAB TEST	FREEZED
8	CE38L	CONCRETE TECHNOLOGY, MATERIAL TESTING & EVALUATION	ICA, LAB BOOK, ICA-D	FREEZED

CO Target

Internal Tool Weightage (%) *

20

External Tool Information

Sr. No.	Tool Name	CE31C.1	CE31C.2	CE31C.3	CE31C.4	CE31C.5	CE31C.6
1	ESE	3	3	3	3	3	3
Average CO Target		3.00	3.00	3.00	3.00	3.00	3.00

External Tool Weightage (%) *

80

Overall Course CO Target

Sr. No.	Tool Type	CE31C.1	CE31C.2	CE31C.3	CE31C.4	CE31C.5	CE31C.6	Overall Target
1	INTERNAL	2.83	2.83	2.83	2.83	2.83	2.83	2.83
2	EXTERNAL	3.00	3.00	3.00	3.00	3.00	3.00	3.00
3	OVERALL TARGET	2.97	2.97	2.97	2.97	2.97	2.97	2.97

Update

Download Report

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Step 5: Marks filling process is performed in defined Tools
 Link for Excel sheet:

Tool - Evaluation & Attainment

ISE-1 Marks

Note : * Indicates Mandatory File

Academic Year 2022-23

Program UNDER GRADUATE IN CIVIL ENGINEERING

Degree Level UNDER GRADUATE

Department CIVIL ENGINEERING

Class SECOND YEAR

Semester SEMESTER I

Division A

Course SURVEYING & GEOMATICS (CE31C)

Tool Maximum Marks 20

No. of Questions 4

Minimum Passing Marks 8

Date of Exam 21-11-2022

Target Level (% Target Marks for CO Attainment)

Import The Details

Roll No.	Student Code	PRN NO.	Name of Student	Linked CO	CE31C.1	CE31C.2	CE31C.1	CE31C.2
				Max. Marks for Question	2	2	8	8
				Que. No./ Total Marks	Q1	Q2	Q3	Q4
1	211CE11008	202101053015889	ASHTUL SAYLI VIJAY	19	2	2	8	7
2	211CE11029	202101053016558	CHAVARE NAMRATA DINKAR	15	2	2	6	5
3	211CE11023	202101053016667	DESHMUKHE SANIKA GAJANAN	15	2	2	7	4
4	211CE11019	202101053016659	KARANDE PRIYANKA PRATAP	14	2	2	8	2
5	211CE11025	202101053016789	KAWADE RUTUJA MAHESH	12	2	2	8	0
6	211CE11026	202101053016839	KUMBHAR AISHWARYA	12	2	2	5	3

Tool - Evaluation & Attainment

ISE-1 Marks

Academic Year: 2022-23

Degree Level: UNDER GRADUATE

Class: SECOND YEAR

Division: A

Tool Maximum Marks: 20

Date of Exam: 21-11-2022

Target Level (% Target Marks for CO Attainment)

4

Roll No.	Student Code	PRN NO.	Name of Student
1	211CE11006	202101053015889	ASHTUL S
2	211CE11029	202101053016558	CHAVARE
3	211CE11023	202101053016667	DESHMUKH GAJANAN
4	211CE11019	202101053016659	KARANDE
5	211CE11025	202101053016789	KAWADE
6	211CE11026	202101053016839	KUMBHAR PRADIP

Edit ISE-1 Marks

Academic Year: 2022-23

Class: SECOND YEAR

Division: A

Student Code of Student: 211CE11006

PRN NO.: 202101053015889

Name of Student: ASHTUL SAYLI VIJAY

Round-off Total Marks*: YES

Question No.	Obtained Marks	Out of Marks
Q1	2	2
Q2	2	2
Q3	8	8
Q3.1	4	4
Q3.2	4	4
Q4	7	8
Q4.1	4	4
Q4.2	3	4
Total Marks	19	20

Previous

Close

Next

Note: * Indicates Mandatory

ENGINEERING

Print The Details

	CE31C.1	CE31C.2
8	8	
Q3	Q4	
8	7	
6	5	
7	4	
8	2	
8	0	
5	3	

Step 6: CO attainment of all Tools (Internal & External)

Link for Excel sheet:

Course CO Attainment

This section helps to View / Update Tools CO attainment

Note : * Indicates Mandatory Fields

Academic Year 2022-23	Program UNDER GRADUATE IN CIVIL ENGINEERING
Degree Level UNDER GRADUATE	Department CIVIL ENGINEERING
Class SECOND YEAR	Semester SEMESTER I
Division A	Course SURVEYING & GEOMATICS (CE31C)

Tier*

TIER II ▼

CO Attainment

CO Attainment With Target

Internal Tools

Sr. No.	Tools	CE31C.1	CE31C.2	CE31C.3	CE31C.4	CE31C.5	CE31C.6
1	ISE-1	3	0	NA	NA	NA	NA
2	OBT-1	3	3	NA	NA	NA	NA
3	THT-1	NA	3	NA	NA	NA	NA
4	ISE-2	NA	NA	2	3	NA	NA
5	OBT-2	NA	NA	3	3	NA	NA
6	ISE-3	NA	NA	NA	NA	3	2
7	OBT-3	NA	NA	NA	NA	3	3
8	UT-1	3	3	NA	NA	NA	NA
9	UT-2	NA	NA	3	3	NA	NA
10	UT-3	NA	NA	NA	NA	2	3
11	ASSIGNMENT	3	3	3	3	3	3
12	PPPE	3	3	3	3	3	3
INTERNAL TOOL ATTAINMENT		3.00	2.50	2.80	3.00	2.80	2.80

Internal Tool Weightage (%): 20

External Tools

Sr. No.	Tools	CE31C.1	CE31C.2	CE31C.3	CE31C.4	CE31C.5	CE31C.6
1	ESE	2	2	2	2	2	2
EXTERNAL TOOL ATTAINMENT		2.00	2.00	2.00	2.00	2.00	2.00

External Tool Weightage (%):

Overall Course CO Attainment

Sr. No.	Tool Type	CE31C.1	CE31C.2	CE31C.3	CE31C.4	CE31C.5	CE31C.6	Overall
1	Internal	3.00	2.50	2.80	3.00	2.80	2.80	2.82
2	External	2.00	2.00	2.00	2.00	2.00	2.00	2.00
Overall		2.20	2.10	2.16	2.20	2.16	2.16	2.16

NPTEL Course by faculty

SVERI's COLLEGE OF ENGINEERING, PANDHARPUR

Department of Civil Engineering

NPTEL Online Course Exam Result

A.Y: 2022-23

SEM: II

Date of Exam: Jan/April. 2023

Sr. No.	Name of Faculty	NPTEL COURSE	Course Duration	Result of Exam
1	Prof. M.G.Deshmukh	Computational Science in Engineering	08 weeks	Qualified
2	Prof. M.G.Deshmukh	Earthquake Resistant Design Of Foundations	08 weeks	Qualified
3	Prof. M.G.Deshmukh	Soil Structure Interaction	12 weeks	Qualified
4	Prof. M G.Deshmukh	Structural Analysis - I	12 weeks	Qualified
5	Prof. M.G.Deshmukh	Introduction to Automata, Languages and Computation	12 weeks	Qualified
6	Prof. M.G.Deshmukh	Essentials Of Data Science with R software - 1; Probability and Statistical Inference	12 weeks	Qualified
7	Prof. V.S.Kshirsagar	Design Thinking – A Primer	4 weeks	Qualified
8	Prof. S.S.Patil	NBA Accreditation and Teaching and Learning in Engineering (NATE)	12 Weeks	Qualified
9	Prof. Y.B.Survase	Safety in Construction	8 weeks	Qualified
10	Prof. P.B.Bhaganagare	Geotechnical Engineering-1	12 weeks	Qualified

Chaitali

(Prof. Chaitali Abhangrao)

Head

HEAD,
Dept. of Civil. Engg.
C.O.E. Pandharpur



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
MANIK DESHMUKH
for successfully completing the course

Computational Science in Engineering

with a consolidated score of **60** %

Online Assignments	20.21/25	Proctored Exam	40/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 21

Prof. B. V. Ralish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Jan-Mar 2023

(8 week course)

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL23AE04S45620297

To validate the certificate



No. of credits recommended: 2 or 3



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
MANIK DESHMUKH
for successfully completing the course

Earthquake Resistant Design of Foundations

with a consolidated score of **56** %

Online Assignments	23.33/25	Proctored Exam	32.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: 28

Prof. Sanjeev Manhas
Coordinator, Continuing Education Centre
IIT Roorkee

Jan-Mar 2023
(8 week course)

Prof. Priti Maheshwari
NPTEL Coordinator
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL23CE17S35620066

To validate the certificate



No. of credits recommended: 2 or 3



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
MANIK DESHMUKH
for successfully completing the course

Soil Structure Interaction

with a consolidated score of **72** %

Online Assignments	22.19/25	Proctored Exam	49.5/75
--------------------	----------	----------------	---------

Total number of candidates certified in this course: **68**

Jan-Apr 2023
(12 week course)

Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CE34S44670555

To validate the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
MANIK DESHMUKH
for successfully completing the course

Structural Analysis - I

with a consolidated score of **47** %

Online Assignments	17.38/25	Proctored Exam	30/75
--------------------	----------	----------------	-------

Total number of candidates certified in this course: 82

Jan-Apr 2023
(12 week course)


Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CE28S64670505

To validate the certificate



No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
MANIK DESHMUKH
for successfully completing the course



Introduction to Automata, Languages and Computation

with a consolidated score of **75** %

Online Assignments	15.94/25	Proctored Exam	59.17/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **162**

Jan-Apr 2023
(12 week course)

Debjani
Prof. Debjani Chakraborty
Coordinator, NPTEL
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23CS58S34670300

To validate the certificate



No. of credits recommended: 3 or 4



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

MANIK DESHMUKH

for successfully completing the course

Essentials of Data Science with R Software - 1: Probability and Statistical Inference

with a consolidated score of **55** %

Online Assignments	21.69/25	Proctored Exam	33.75/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **194**

Pathish

Prof. B. V. Ratish Kumar
Chairman, Centre for Continuing Education
IIT Kanpur

Jan-Apr 2023

(12 week course)

Satyaki

Prof. Satyaki Roy
NPTEL Coordinator
IIT Kanpur



Indian Institute of Technology Kanpur



Roll No: NPTEL23MA39S54670379

To validate the certificate



No. of credits recommended: 3 or 4



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
VIDYARANI SAUDAGAR KSHIRSAGAR
for successfully completing the course

Design Thinking - A Primer

with a consolidated score of **71** %

Online Assignments	18.08/25	Proctored Exam	53.25/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **1510**

Devendra Jalihal

Prof. Devendra Jalihal
Chairperson,
Centre for Outreach and Digital Education, IITM

Jan-Feb 2023
(4 week course)

Andrew Thangaraj

Prof. Andrew Thangaraj
NPTEL, Coordinator
IIT Madras



Indian Institute of Technology Madras



Roll No: NPTEL23MG11S15450389

To validate the certificate



No. of credits recommended: 1 or 2



Elite

NPTEL Online Certification

(Funded by the MoE, Govt. of India)



Patil

This certificate is awarded to

SONALI SUNIL PATIL

for successfully completing the course

NBA Accreditation and Teaching and Learning in Engineering (NATE)

with a consolidated score of **67** %

Online Assignments	20.81/25	Proctored Exam	46.13/75
--------------------	----------	----------------	----------

Total number of candidates certified in this course: **914**

Amu

Prof. G. L. Sivakumar Babu
Chairman, Center for Continuing Education
IISc Bangalore

Jan-Apr 2023
(12 week course)

Umanand

Prof. L. Umanand
NPTEL Coordinator
IISc Bangalore



Indian Institute of Science Bangalore



Roll No: NPTEL23GE01S54670328

To validate the certificate



No. of credits recommended: 3 or 4



NPTEL-AICTE Faculty Development Programme

(Funded by the MoE, Govt. of India)



This certificate is awarded to
YOGESH BALASAHEB SURVASE

for successfully completing the course

Safety in Construction

with a consolidated score of **64 %**

Prof. Andrew Thangaraj
NPTEL Coordinator
IIT Madras



(Jan-Mar 2023)

Roll No: NPTEL23CE42S35620141

Duration of NPTEL course : 8 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24th July 2018, similar to other refresher / orientation courses.
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18



NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to
PRASHANT BALU BHAGANAGARE
for successfully completing the course

Geotechnical Engineering - 1

with a consolidated score of **50** %

Online Assignments	20.16/25	Proctored Exam	30/75
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Total number of candidates certified in this course: 66

Jan-Apr 2023
(12 week course)

Sridhar
Prof. Sridhar Iyer
Head CDEEP & NPTEL Coordinator
IIT Bombay



Indian Institute of Technology Bombay



Roll No: NPTEL23CE03S44670526

To validate the certificate



No. of credits recommended: 3 or 4