NAAC SSR CYCLE- 2

Criterion 4	Infrastructure and Learning Resources
Key Indicator 4.1	Physical Facilities
4.1.1 The institution has adequate infrastructure and other facilities for, • **Teaching learning, viz. , classrooms , laboratories, computing equipment etc.** • **ICT – enabled facilities such as smart class, LMS etc.** **Facilities for cultural sports activities, yoga center, games (indoor and outdoor), gymnasium auditorium, etc.**	

ICT Facilities

ICT Facilities

Sr.No.	Facilities	Number
1	Computers	605
2	Internet and Wi-Fi Facilities (Internet Speed and Plan)	100 Mbps INTERNET LEASEDLINE (Reliance Jio)
3	Computer Laboratories	18
4	ICT Enabled Classroom	10
5	LCD Screen	15
6	Wi-Fi Router	10
7	Printer	56
8	Scanner	03
9	LCD Projector	24
10	CCTV Cameras	42
11	Uninterruptible Power Supply (UPS)	28

ICT Enabled Classroom Civil Department

ICT Enabled Classroom AIML department
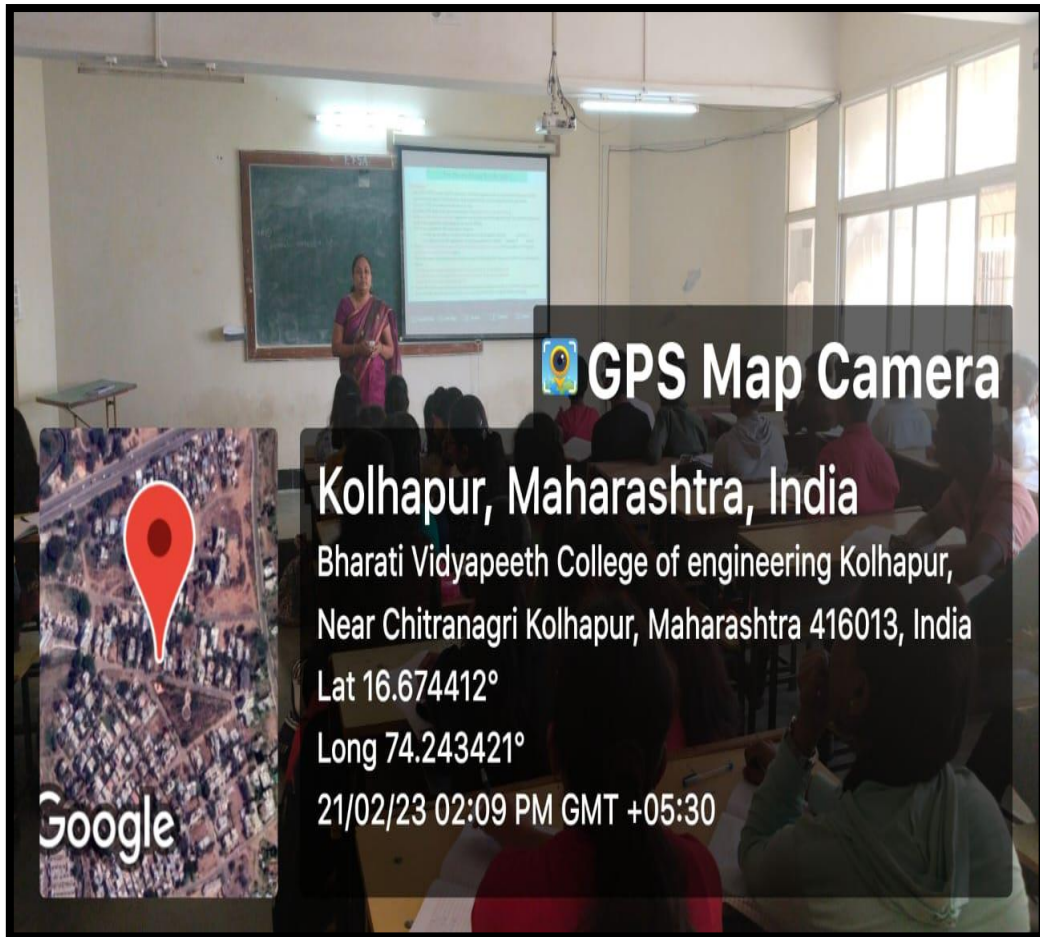
ICT Enabled Classroom ENTC Department

ICT Enabled Classroom CSE Department

ICT Enabled Classroom CSE Department

ICT Enabled Classroom Mechanical Department
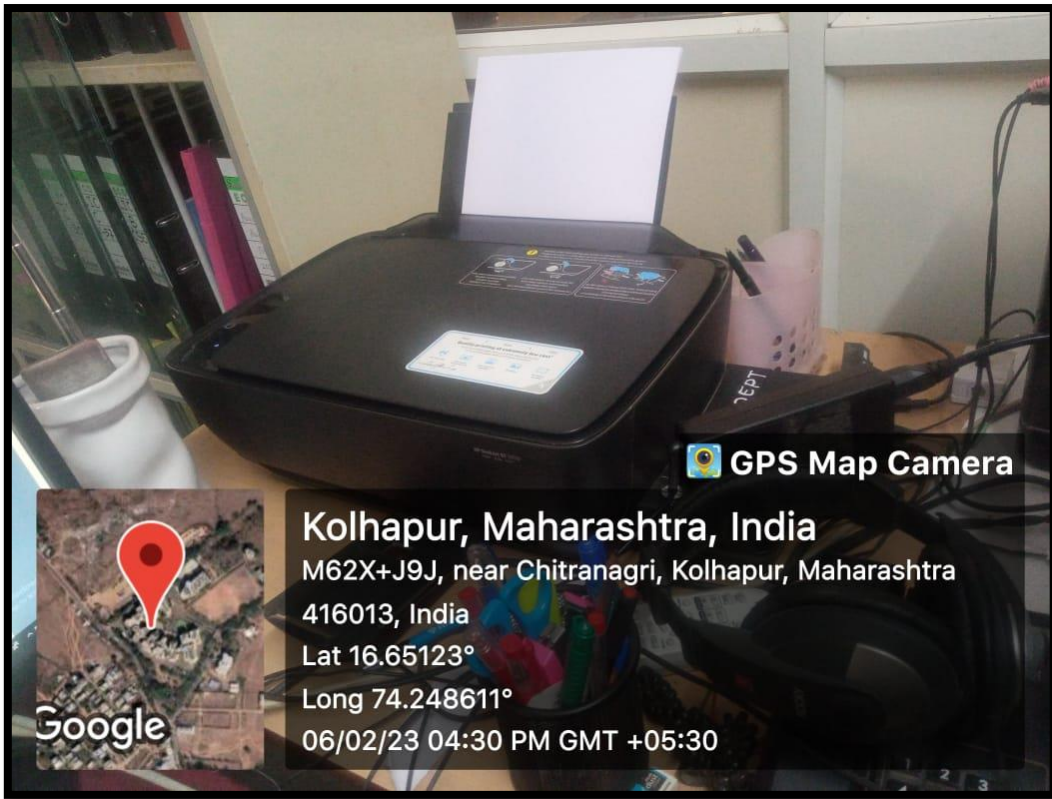
Colour Printer

Printer

Xerox Machine

Scanner

Projector

Server

LaserJet Printer

Uninterruptible Power Supply (UPS)

Learning Management System (LMS) using Google classroom

LMS using Google classroom
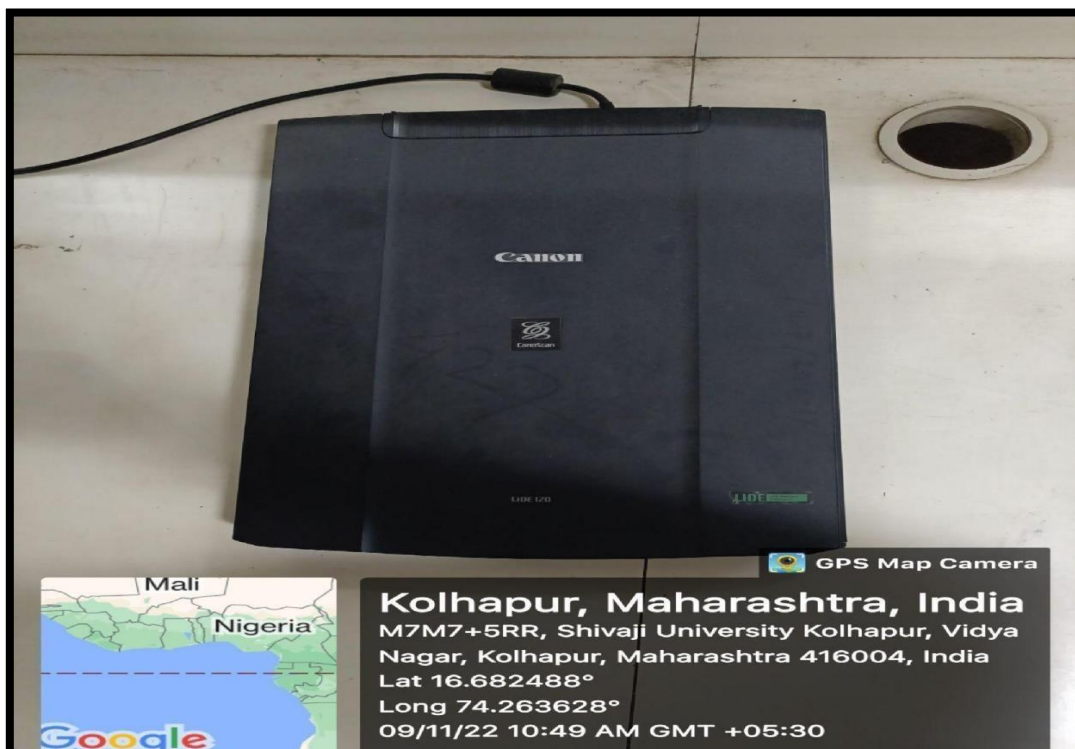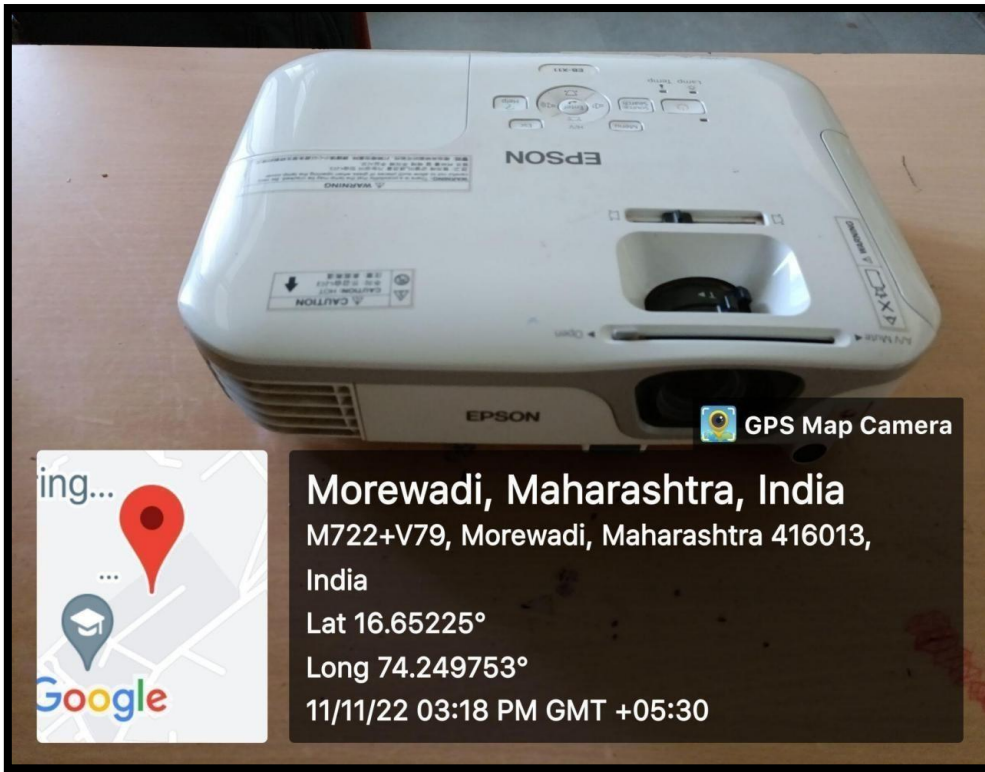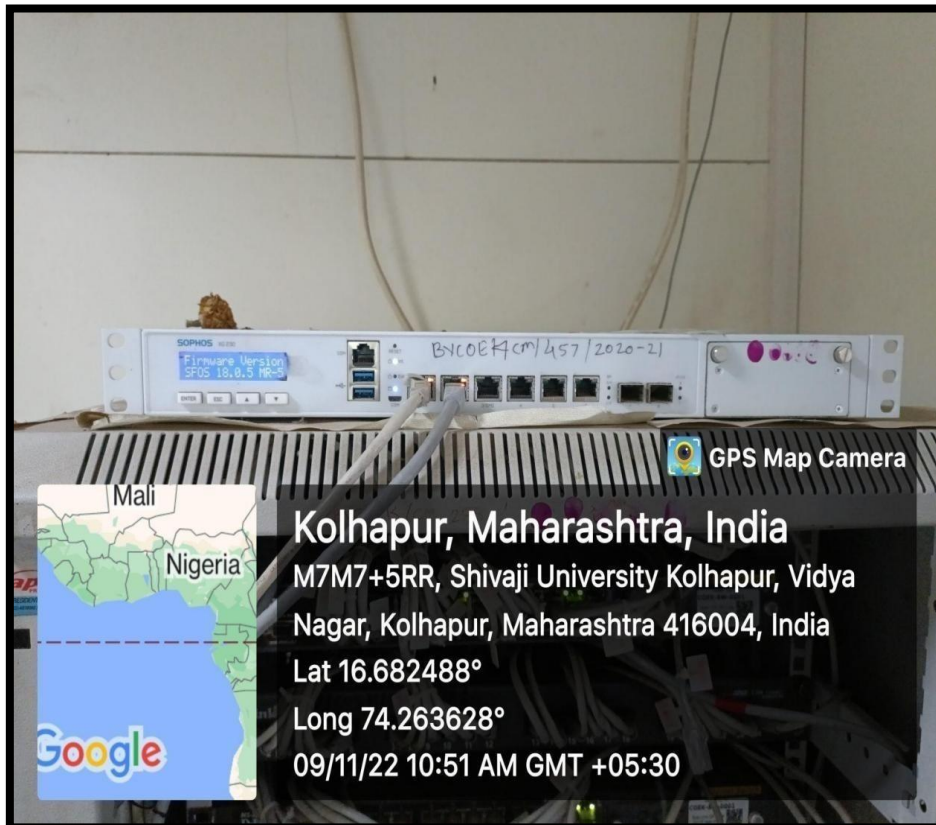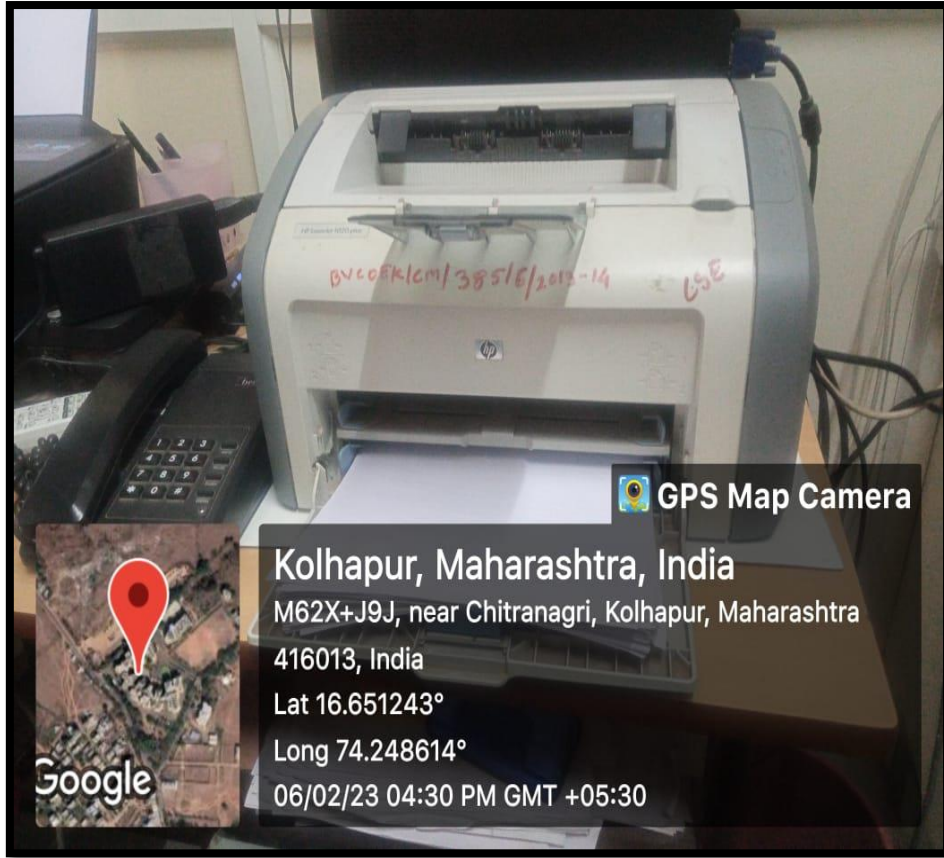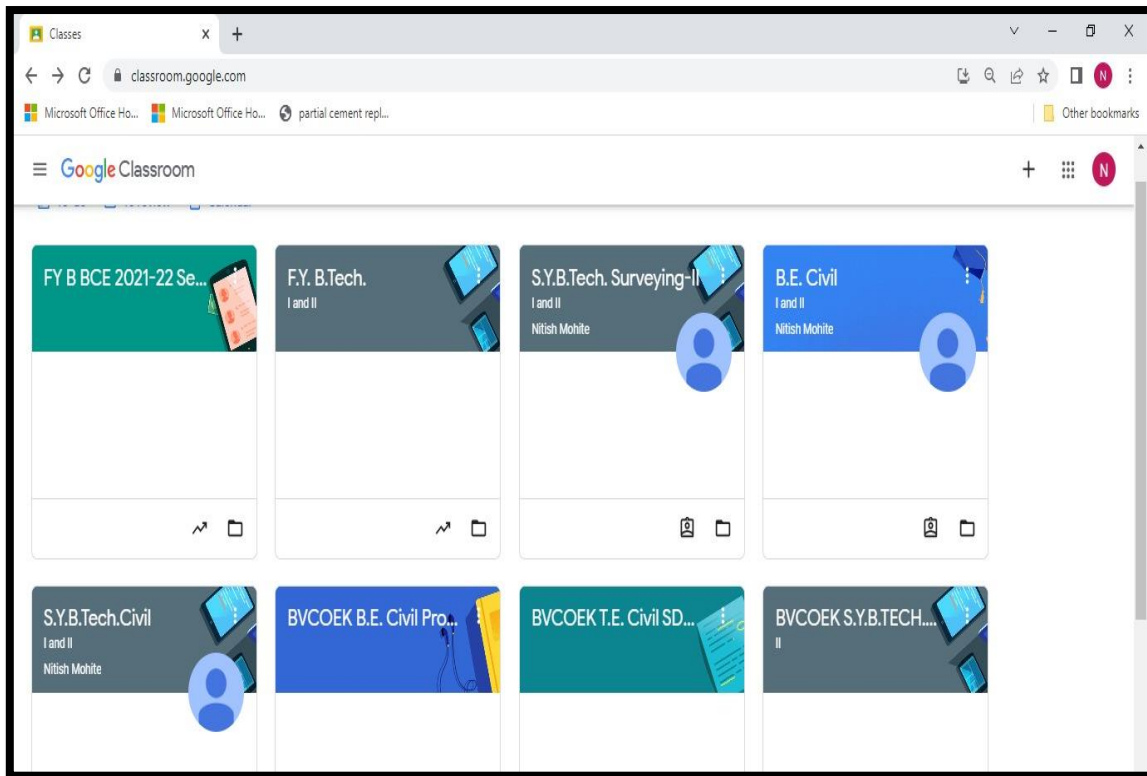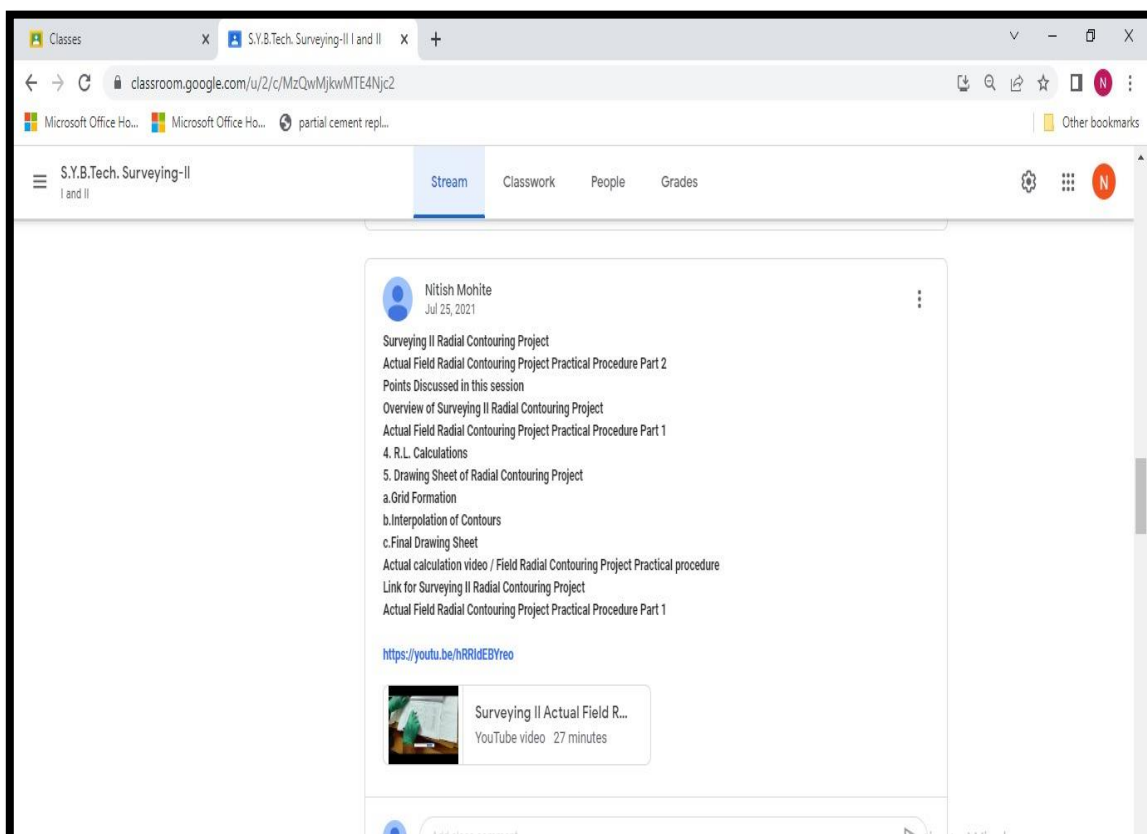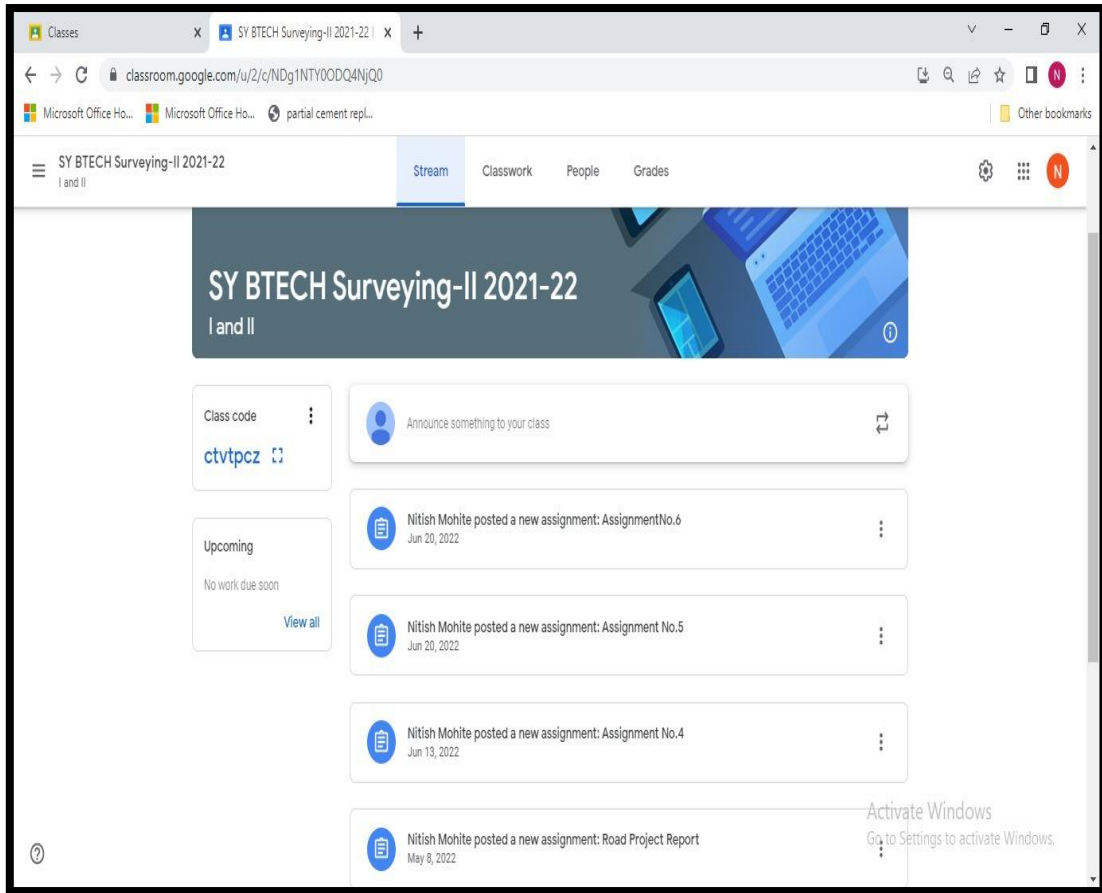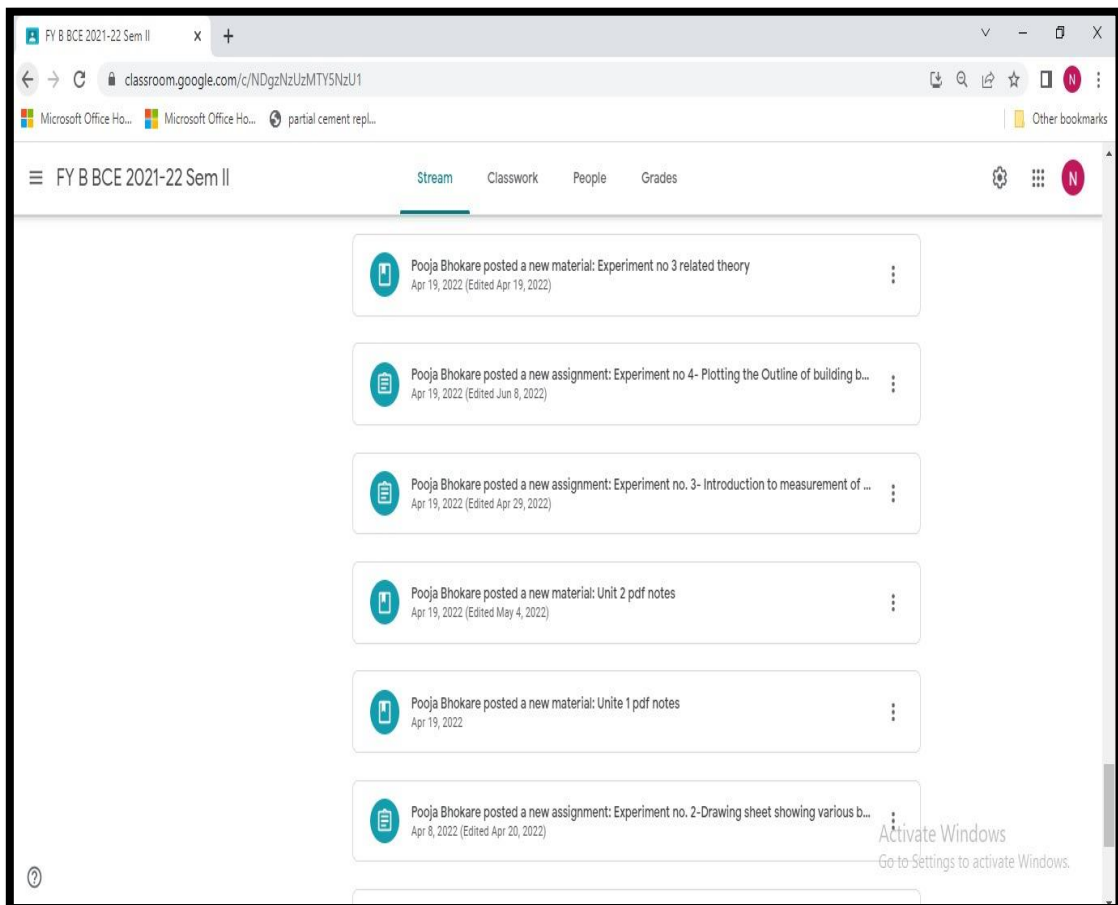
LMS using Google classroom

LMS using Google classroom

Syllabus

Branch : Civil Engineering
Group : Semester III
Subject : Surveying-I (Theory)

Sr. No.	Topic	Order No.	Course Outcome	Learning Outcome	Motor Skill	Intellectual Skill	Linked Topic	Linked Session(s)	Hours	Minutes	Action
1	Unit 1-: Levelling and Contouring	1						View			+ ✎ 🗑
1.1	Introduction to levelling,Revision of different terms and basics in levelling work;Types,components…	1	CO1	UO1				View	1.00	0	✎ 🗑
1.2	Types of levelling,objectives and applications	2	CO1	UO1				View	1.00	0	✎ 🗑
1.3	Sensitivity of bubble tube, Corrections ◆ curvature and refraction and problems	3	CO2	UO1				View	1.00	0	✎ 🗑
1.4	Reciprocal levelling and problems	4	CO2	UO1				View	1.00	0	✎ 🗑
1.5	Permanent Adjustments of dumpy level and problems	5	CO2	UO1				View	1.00	0	✎ 🗑
1.6	Problems	6	CO1	UO1				View	1.00	0	✎ 🗑
1.7	Contouring ◆ definition,characteristics and use of contour maps	7	CO1	UO1				View	1.00	0	✎ 🗑
1.8	Methods i.Direct Contouring ii. Indirect Contouring and applications	8	CO1,CO4	UO1				View	1.00	0	✎ 🗑
2	Unit 2 ◆ Areas and Volumes	2		UO2				View			+ ✎ 🗑
2.1	Planimeter ◆Types,applications	1	CO3	UO2				View	1.00	0	✎ 🗑

LMS using Vmedulife cloud-based learning platform

Syllabus

Branch : Civil Engineering
Group : Semester III
Subject : Surveying-I (Practical) SY1 (Practical)

Sr. No.	Topic	Order No.	Course Outcome	Learning Outcome	Motor Skill	Intellectual Skill	Linked Topic	Linked Session(s)	Hours	Minutes	Action
1	Differential levelling by Auto Level	1	CO1,CO2	PrO1				View	2.00	0	+ ✎ 🗑
2	Sensitivity of bubble tube	2	CO1,CO2	PrO2				View	2.00	0	+ ✎ 🗑
3	Reciprocal levelling	3	CO1,CO2	PrO1				View	2.00	0	+ ✎ 🗑
4	Two Peg Method	4	CO1,CO2	PrO1				View	2.00	0	+ ✎ 🗑
5	Plane table survey-Radiation method	5	CO1,CO3	PrO5				View	2.00	0	+ ✎ 🗑
6	Plane table survey-Intersection method	6	CO1,CO3	PrO6				View	2.00	0	+ ✎ 🗑
7	Measurement of horizontal angle by repetition method.	7	CO1,CO2	PrO1				View	2.00	0	+ ✎ 🗑
8	Measurement of horizontal angles by reiteration method.	8	CO1,CO2	PrO1				View	2.00	0	+ ✎ 🗑
9	Trigonometrical levelling- when base is accessible	9	CO1,CO2	PrO1				View	2.00	0	+ ✎ 🗑
10	Block contouring project By Auto Level	10	CO1,CO2,CO4	PrO10				View	7.00	0	+ ✎ 🗑
11	Theodolite traverse Project	11	CO1,CO2,CO4	PrO11				View	7.00	0	+ ✎ 🗑

LMS using Vmedulife cloud-based learning platform

Module List

Transportation Engineering-I [Semester VII - Nitish Mohite]

#	Module	Type	% Weightage	Syllabus	Marks	Duration (Minutes)	Date	Threshold	Question Paper	Performance	Actions	Added By
1	MidTerm Test	Internal	0	Unit No.1,2,3	30	60	Fri Oct 14 2022	40	Generate Question Paper / Questionwise Analysis	Students Performance	✎ 🗑 ⧉	Nitish Mohite
2	End Term Test	Internal	0	Unit No.4,5 and 6	30	60	Tue Dec 13 2022	40	Generate Question Paper / Questionwise Analysis	Students Performance	✎ 🗑 ⧉	Nitish Mohite

LMS using Vmedulife cloud-based learning platform