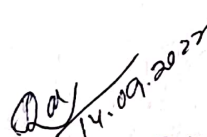


LESSON PLAN(WINTER-2022), MINE SURVEY LAB(3rd Sem)

Branch: DRILLING ENGINEERING				Faculty:- R.K. Ray	
Subject: Mine Survey (Pr-03)			Total Period: 90		End Sem exam:50
			Total week: 15		Internal assesment:25
Session: 15.09.2022 TO 22.12.2022 Available Classes:69 (Practical)					
Month	Week	Date	Period	Topics to be covered	Remark
September	3rd	16.02.22	3P	Introduction, Survey conventional signs, abbreviations and colours used.	
	4th	20.09.22	3P	Chain Survey-(a) Ranging and Chaining of a line more than 200 mts applying corrections. (b) Taking offsets of objects on both sides of a line and booking field notes	
		23.09.22	3P	(c) Plotting of field works	
	5th	28.09.22	3P	(d) Overcoming obstractions in chaining. (e) Vision free chaining obstructed(pond, river) (f) Chaining free, vision obstructed (rising ground.	
		30.09.22	3P	(g) Overcoming obstractions when both vision and chaining obstructed (building)	
	October	3rd	12.10.22	3P	(b) Close traversing of a small plot with station
14.10.22			3P	(c) Open traversing of a small length with few stations(without offsets)	
4th		19.10.22	3P	(d) Open traversing of small length with few stations(with offsets)	
		21.10.22	3P	(e)Closed traversing of small plots with station(without intermediate filling)	
5th		26.10.22	3P	(f) Plotting open traverse applying correction	
		28.10.22	3P	(g) Plotting the close traverse applying correction	
November	1st	02.11.22	3P	Doubt clearing	
		04.11.22	3P	Practical class exam	
	2nd	11.11.22	3P	(a) Temporary and permanent adjustments of a level, Sensitivity of bubble tube	
	3rd	16.11.22	3P	(b) Preparing of level and taking staff reading	
	4th	23.11.22	3P	(c) PreapARATION of a level section spot and levelling	
		25.11.22	3P	(d) Preparation of a level section spot and contouring.	
5th	30.11.22	3P	Practical Test		
December	1st	02.12.22	3P	Contouring of a low ground(Dry pond)	
		07.12.22	3P	Preparation of contour map of low ground	
	2nd	09.12.22	3P	Contouring of a high ground(small hill)	
		14.12.22	3P	Class test of theory subjects and revision	
	4th	16.12.22	3P	Practical Test	
		21.12.22	3P	Practical class exam	


 Senior Lecturer (Drilling)
 OSME, Keonjhar