Government Polytechnic Hamirpur (H.P.) Lesson Planning (Theory)

Branch: Electrical Engg. Subject: Mathematics-1

Semester: 1st

Trucher: 24 Subhash chand				Session: August 2+24-2ac.2+29 Laboratory:		
S. No.	No. of Lecture		Chapter/Unit Description	Detail of Contents	Reference Resources	Rema rks
-	19	3rd, 4th 5th week of August and 1st	Trigonometry	concepts of angles and measurements of angles in degrees, grades and radians and their conversions	Applied Mathematics-I by B.D.Moudgil & P.C. Chopra	
		week of Septemb or		1 ratios of affied angles, sum, difference formulae and their applications, product formulae, multiple & submultiple angles, graphs of sinx, cosx, tarx, conx)	Applied Mathematics-I by B.D.Moudgil & P.C. Chopra	
2			o b Differential calculu	Definition of functions , concept of limits, four standard limits	Applied Mathematics I by B.D.Moudgil & P.C. Chopra	
	21	2nd, 3rd, 4th week of Septemb er and 1st and 2nd week of october		differentiation by definition of sinx, cosx, tanx, logx, exp(x)	Applied Mathematics-I by B.D.Moudgil & P.C. Chopra	
				differentiation of sum, product and quotient of functions, differentiation of function of a function	Applied Mathematics-I by B.D.Moudgil & P.C. Chopra	
					Applied Mathematics-I by B.D.Moudgil & P.C. Chopra	
				calculation of small errors and rate measures	Applied Mathematics-I by B.D.Moudgil & P.C. Chopra	
3	- 1	3rd, 4th, 5th	Algebra r	part of complex number, conjugate, modulus &	Applied Mathematics-I by B.D.Moudgil & P.C. Chopra	
		2nd, 3rd,4th		De-movier's theorem and its application Partial fractions (linear factors, repeated and non- repeated linear factors),	Applied Mathematics-I by B.D.Moudgil & P.C. Chopra	
		ind 5th reek of ovemb			Applied Mathematics-I by B.D.Moudgil & P.C.	

approximation with applications

in Kin Signature of HOD Applied Sc. & Humanities

Signature of Feacher (Subhash Chand)