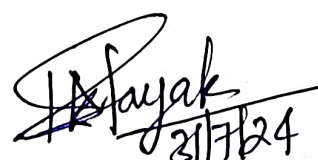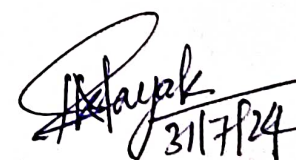# LESSON PLAN OF BRIDGE COURSE FOR THE ACADEMIC SESSION: 2024-25 (W-2024)

Discipline : COMMON			Semester : 1ST	Name of the Teaching Faculty : Sarada Kumar Nayak ,Sr Lecturer(Math),Govt. Polytechnic, Sonepur	
				THEORY	
Subject : ENGG.MATH			From date: 01/08/2024 to 14/08/2024 No.of weeks:-02(excluding holidays)		
WEEK	No.of classes/week	CHAPTER	THEORY		NO.OF PERIODS
1ST	1ST	Algebra	Basic Terminologies, Algebraic formulae with illustrative examples,		1
	2ND		Linear Equation, Solution of simultaneous Linear Equations, quadratic Equation and its solution, Polynomials with factorization, Plynomial Division.		1
	3RD		Laws of Indices with Illustrative examples, Logarithm and its properties with examples.		1
	4TH		Basic concept of Set Theory and number system, Fundamental conceptsof Relations and Functions		1
2ND	1ST	Trigonometry, co-ordinate Geometry	T-Ratios, Table, Trigonometric Identities, illustrative examples.		1
	2ND		Compound Angle:-sin(A+B), sin(A-B), cos(A+B), cos(A-B),tan(A+B), tan(A-B), sinC+sinD, sinC-sinD, cosC+cosD, Multiple Angle:-sin2A, cos2A, tan2A, sin3A, cos3A, tan3A etc.		1
	3RD		Cartesian co-ordinate system, distance between two points , illustrative examples		1
	4TH		Internal division, External division formulae with examples.		1

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