

# GOVT. COLLEGE FOR GIRLS, RANIA (SIRSA)

Lesson Plan Session 2020-21

Name of Asstt./Asso. Prof. ANIL KUMAR Sem. 6th

Class and Sanction. B.A 3rd year Subject. Real And Complex Analysis

Month	Week	Topic
march	2nd	Jacobians and Functional dependence or non-indep.
march	3rd	Beta and Gamma Functions
march	4th	Double <del>And</del> integral
march	5th	Trible Integral
April	1st	Fourier Expansion of piecewise monstonic continuous Functions.
April	2nd	Fourier Expansion of Functions having points of discontinuity and change of interval.
April	3rd	Half Range Series and Parseval's identity for Fourier series.
April	4th	Stereographic projection, Limit, continuity And Uniform continuity of complex function.
April	5th	Differentiability of a complex function.
may	1st	Analytic Function.
may	2nd	Elementary Functions
may	3rd	mobius transformations
may	4th	Critical mappings.

Signature

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Name of Asstt./Asso. Prof... <sup>✓</sup> ANIL KUMAR ..... Sem. 6<sup>th</sup>

Class and Sanction... B.A. 3<sup>rd</sup> year ..... Subject... Linear Algebra

Month	Week	Topic
march	2nd	vector spaces And Subspaces.
march	3rd	Basis of a vector space
march	4th	Dimension of vector space.
march	5th	Quotient space.
April	1st	Linear transformations And its properties
April	2nd	One-one and onto Linear transformations
April	3rd	Rank And Nullity.
April	4th	Algebra of Linear Transformations
April	5th	matrix of a Linear Transformation
may	1st	Dual space
may	2nd	Eigen values and Eigen vectors
may	3rd	Inner product spaces.
may	4th	Linear operators on Inner product spaces.

  
Signature