Indraprastha College for women, Univ. of Delhi

WORK PLAN (January, 2023-May, 2023)

Course Name: B.Sc.(H) Mathematics
Semester: VI
Paper Code: 32361601
Paper Name: Complex Analysis Lab
Faculty: Dr. Chander Shekhar

Week	Theme/ Curriculum
1	Performing contour integration
2	Performing contour integration
3	Plotting the complex functions and analysing the graph
4	Plotting the complex functions and analysing the graph
5	Taylor series expansion
6	Taylor series expansion
7	Taylor series expansion
8	Laurents series expansion
9	Laurents series expansion
10	Laurents series expansion
11	Computing the poles and corresponding residues of complex Functions
12	Computing the poles and corresponding residues of complex Functions
13	Computing the poles and corresponding residues of complex Functions
14	Conformal Mapping and Bilinear Transformations
15	Conformal Mapping and Bilinear Transformations
16	Revision
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Readings/Reference Texts: