



TENTATIVE SCHEDULE FOR ONLINE COUNSELING OF MA/ MSC (MATHEMATICS) FIRST SEMESTER

3-07-2023 to 9-07-2023

TOPIC- ADVANCED ALGEBRA-I

Class	Date	Session	Faculty	Topic
M.A./M.Sc. (MATHEMATICS) I SEM	03-07-2023	3:00PM-5:00PM	Dr. Arvind Bhatt	Direct Products of Groups
	04-07-2023	3:00PM-5:00PM	Dr. Shivangi Upadhyay	Isomorphism Theorems, Conjugacy and the class equation of a group;
	05-07-2023	3:00PM-5:00PM	Dr. Shivangi Upadhyay	Commutators, Derived subgroups, Solvable Groups; Subnormal Series; Refinement theorem; Composition series; Jordan-Holder Theorem
	06-07-2023	3:00PM-5:00PM	Dr. Jyoti Rani	Euclidean Rings; Division in Commutative ring; Units; Associates and prime elements; Unique factorization domain
	07-07-2023	3:00PM-5:00PM	Dr. Jyoti Rani	Modules; submodules; Quotient Modules; Direct Sum; Modules Homomorphisms; Generation of Modules; Cyclic Modules;
	08-07-2023	3:00PM-5:00PM	Dr. Kamlesh Bisht	Linear Transformations of Vector space; Dual Spaces; Dual Basis and their properties; Dual maps;
	09-07-2023	3:00PM-5:00PM	Dr. Kamlesh Bisht	Basic Theory of fields Extensions, Simple field Extensions, Algebraic and Transcendental Extensions

Join Zoom Meeting

<https://us02web.zoom.us/j/81352185641?pwd=cEtmZ2tnK1A4bDhOSXJqK1RWWGc3QT09>

Meeting ID: 813 5218 5641

Passcode: 883328