

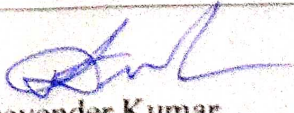
Lesson Plan 2022 – 23 First Semester

Class: B. Sc.-I

Paper Name: MATHEMATICS – Algebra

Paper code: BM – 111

From	To	Topics of Syllabus
01/09/2022	14/09/2022	Relations between the roots and coefficients of general polynomial equation in one variable.
15/09/2022	28/09/2022	Solutions of polynomial equations having conditions on roots.
29/09/2022	12/10/2022	Common roots and multiple roots.
13/10/2022	21/10/2022	Transformation of equations: roots multiplied by a given number, reciprocal equation, roots diminished by a given number Assignment
27/10/2022	09/11/2022	Transformation of equations: Transformation in general, equations of squared differences of a cube
10/11/2022	23/11/2022	Solutions of cubic equations (Cardon's method).
24/11/2022	07/12/2022	Biquadratic equations and their solutions: Descarte's solution of the Biquadratic Class Test
08/12/2022	14/12/2022	Biquadratic equations and their solutions: Ferrari's method of solving a Biquadratic
15/12/2022	24/12/2022	Nature of the roots of an equation Descarte's rule of signs. Revision


Dr. Devender Kumar
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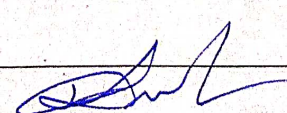
Lesson Plan 2022 – 23 First Semester

Class: B. Sc.-I

Paper Name: MATHEMATICS – Solid Geometry

Paper code: BM – 113

From	To	Topics of Syllabus
01/09/2022	12/09/2022	General equation of second degree. Tangent at any point to the conic, chord of contact, pole of line to the conic, director circle of conic.
13/09/2022	20/09/2022	Tracing of conics. System of conics.
21/09/2022	28/09/2022	Confocal conics. Polar equation of a conic, tangent and normal to the conic.
29/09/2022	11/10/2022	Tangent and normal to the conic. Assignment
12/10/2022	21/10/2022	Sphere: Plane section of a sphere. Sphere through a given circle. Intersection of two spheres, radical plane of two spheres. Co-axial system of spheres
27/10/2022	09/11/2022	Cones. Right circular cone, enveloping cone and reciprocal cone.
10/11/2022	17/11/2022	Cylinder: Right circular cylinder and enveloping cylinder. Central Conicoids
18/11/2022	05/12/2022	Central Conicoids: Equation of tangent plane. Director sphere. Normal to the conicoids. Polar plane of a point. Enveloping cone of a conicoid. Enveloping cylinder of a conicoid. Class Test
06/12/2022	19/12/2022	Paraboloids: Circular section, Plane sections of conicoids. Generating lines. Confocal conicoid. Reduction of second degree equations.
20/12/2022	24/12/2022	Revision


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Lesson Plan

Govt. College, Gharaunda (Karnal)

Academic Session September 2022 To December 2022

Lesson Plan B.A/B.Sc. Sem-I

Name of Teacher: Sunil Kumar

Subject: Computer Awareness Level-I

Date	Topic
1 Sep To 10 Sep 2022	Definition and Functions of Operating System
12 Sep To 24 Sep 2022	Basic of Popular Operating Systems (The User Interface, Exploring Computer, Icons)
26 Sep To 08 Oct 2022	Introduction to Word Processor, Menus
10 Oct To 21 Oct 2022	Basic of Popular Operating Systems (Taskbar, Desktop)
27 Oct To 5 Nov 2022	MS- Word :- Creating, Editing & Formatting Document
7 Nov To 19 Nov 2022	Basic of Popular Operating Systems (Managing Files and Folders)
21 Nov To 03 Dec 2022	MS- Word :- Print Preview, Printing, Spell Checking Basic of Popular Operating Systems (Add/Remove Software and Hardware, Running an Application)
05 Dec To 17 Dec 2022	Revision of Basic of Popular Operating Systems (The User Interface, Exploring Computer, Icons) and Basic of Popular Operating Systems Taskbar and Desktop
19 Dec To 24 Dec 2022	Revision of MS- Word: - Creating, Editing & Formatting Document, Basic of Popular Operating Systems (Add/Remove Software and Hardware, Running an Application) and Introduction to Word Processor. / Students Queries

Sunil Kumar