

Mehr Chand Mahajan DAV College for Women, Sector 36 A, Chandigarh
PG Department of Mathematics
E-Content: B.A./B.Sc. Semester I Mathematics (Plane Geometry)
(Prepared By: Dr Swati Sidana, Assistant Professor, PG Department of Mathematics)

1. Introduction to circle and various forms of Circle

<https://drive.google.com/file/d/1uTxL9apdary8tJ3gGcU3rTwJWdnmRKLh/view?usp=sharing>

2. Tangents and Normal

<https://drive.google.com/file/d/18FxK9YJRMSttJKOCEoNAkflBOQSm5qAl/view?usp=sharing>

<https://drive.google.com/file/d/1MNxiodEmnRCN0-0njrTFbCW-gSrUbKNT/view?usp=sharing>

3. Position of a point w.r.t circle and chord of contact

<https://drive.google.com/file/d/1nXVMiriGRrOKr4Va3kW5Yf7-XsaCC1UP/view?usp=sharing>

4. Pole and Polar

<https://drive.google.com/file/d/1IKsrLHCwOnm5HOA1H5vtkXJude-ubBNV/view?usp=sharing>

Practice Questions

<https://drive.google.com/file/d/1u6gscmAbV90LtBMikFmgkH5qM2uXzYTN/view?usp=sharing>

Reference Books:

1. S. L. Loney : The Elements of Coordinate Geometry, Macmillan and Company, London, 2 nd Edition 2007.
2. P.K. Jain and Khalil Ahmad : A Text Book of Analytical Geometry of Two Dimensions, Wiley Eastern Ltd., 1999.
3. Erwin Kreyszig : Advanced Engineering Mathematics, John Wiley & Sons, 1999.
4. Gorakh Prasad and H.C. Gupta : Text Book on Coordinate Geometry, Pothishala Pvt. Ltd., Allahabad, 1955.

Feedback: <https://forms.gle/ZRqv6vxx7TRUiGie6>

