

GOVERNMENT DEGREE COLLEGE BELLAMPALLY

**LIST OF VIDEO LESSONS AND POWER POINT PRESENTATIONS -DEPARTMENT WISE- MATHEMATICS**

MATHEMATICS	Number system and basics	<a href="https://youtu.be/k2oxxKthXeo">https://youtu.be/k2oxxKthXeo</a>
	Introduction to groups	<a href="https://youtu.be/R2xBFecXKgQ">https://youtu.be/R2xBFecXKgQ</a>
	Basic properties of groups	<a href="https://youtu.be/df9hfdBjUnl">https://youtu.be/df9hfdBjUnl</a>
	Basic properties of groups Part 2	<a href="https://youtu.be/LC2eKKT-KnM">https://youtu.be/LC2eKKT-KnM</a>
	Finite groups	<a href="https://youtu.be/DuSRsZ3wCBw">https://youtu.be/DuSRsZ3wCBw</a>
	Order of an element	<a href="https://youtu.be/RIQ_1g4t00o">https://youtu.be/RIQ_1g4t00o</a>
	Subgroups	<a href="https://youtu.be/JOhkqQ835qg">https://youtu.be/JOhkqQ835qg</a>
	Theorems on subgroups	<a href="https://youtu.be/ESmAgS1_pjc">https://youtu.be/ESmAgS1_pjc</a>
	Permutation Groups	<a href="https://youtu.be/t6sM6D_Eg7c">https://youtu.be/t6sM6D_Eg7c</a>
	Symmetric Groups & Centre of Group	<a href="https://youtu.be/OTNtq8Z_Nu0">https://youtu.be/OTNtq8Z_Nu0</a>
	Cyclic Groups	<a href="https://youtu.be/p30Gm0HXBmo">https://youtu.be/p30Gm0HXBmo</a>
	Problems on Cyclic Groups	<a href="https://youtu.be/-urZAzs8Ljk">https://youtu.be/-urZAzs8Ljk</a>
	Cosets and it's Properties	<a href="https://youtu.be/Q43anFicavo">https://youtu.be/Q43anFicavo</a>
	Lagrange's Theorem	<a href="https://youtu.be/IJYJ1LI7C5M">https://youtu.be/IJYJ1LI7C5M</a>
	Applications of Lagrange's Theorem	<a href="https://youtu.be/REgoBht6nl0">https://youtu.be/REgoBht6nl0</a>
	Fermat's Theorem and Problems	<a href="https://youtu.be/2e6ToqvbM9I">https://youtu.be/2e6ToqvbM9I</a>
Normal Subgroups	<a href="https://youtu.be/ShFeJPjals4">https://youtu.be/ShFeJPjals4</a>	

	Problems on Normal subgroups	<a href="https://youtu.be/6SAESITLn6U">https://youtu.be/6SAESITLn6U</a>
	Group Homomorphisms	<a href="https://youtu.be/Tq5lr7b5miM">https://youtu.be/Tq5lr7b5miM</a>
	Properties of Homomorphisms	<a href="https://youtu.be/pdfq51g7vtE">https://youtu.be/pdfq51g7vtE</a>