

Shri Shivaji Science College, Amravati

E – Contents for Post Graduate Students

Department of Chemistry

M. Sc. Part – I (Semester – I)

Notes and PowerPoints			Links to Video Lectures		
Topic	Link	Teacher	Topic	Link	Teacher
Nuclear Chemistry	https://drive.google.com/file/d/1xbqWAOtV_g1S76Gtuheb612z5MQCiBM6/view?usp=sharing	Dr. A. S. Bhurghate			
Aromatic Electrophilic substitution	https://docs.google.com/presentation/d/1iqEJiscOI3WFm5i27vJb04fCbXnsbmKzMH_fDw7Fd3c/edit?usp=sharing	Dr. A. B. Bodade			
Aromatic Substitution	https://www.slideshare.net/Munna19/aromaticsubstitution-for-pg	Dr. N. R. Thakare			
Air Pollution	https://www.slideshare.net/Munna19/nrt-air-pollution-1-231168772	Dr. N. R. Thakare			
Collision theory, derivation, limitation, assumption	https://www.slideshare.net/ProfYogitaThakare/chemical-dynamics-introcollision-theory	Dr. Y. S. Thakare			
Lindemann theory, TST, derivation, application, limitation	https://www.slideshare.net/ProfYogitaThakare/chemical-dynamics-introtst-lindemann-theory	Dr. Y. S. Thakare			
RRK and RRKM theory	https://www.slideshare.net/ProfYogitaThakare/chemical-dynamics-introrrk-rrkm-theory	Dr. Y. S. Thakare			

M. Sc. Part – II (Semester – III)

Notes and PowerPoints			Links to Video Lectures		
Topic	Link	Teacher	Topic	Link	Teacher
Nuclear	https://www.slideshare.net/pramodpadole35	Dr Pramod R			

Magnetic Resonance Spectroscopy	/mscpartii-sem-iii-unit-iv-nuclear-magnetic-resonance-spectroscopy	Padole			
Alkaloids Morphine	https://drive.google.com/file/d/17w8WfSQNIaIO3x7R30AfF1UgPX7iRbhR/view?usp=sharing	Dr. S. A. Wadhal	IR theory	https://drive.google.com/open?id=1g2YQ5DIATXQwbng11g-aQRah6PkLDYnR&authuser=0	Dr. S. A. Wadhal
Nicotine	https://drive.google.com/file/d/15Yy8MNplcnCIEqkcfPp9ebNWcN-EA16M/view?usp=sharing	Dr. S. A. Wadhal	IR Instrumentation	https://drive.google.com/file/d/1afhPHZgGMqKqwaQhBvMTMHoPBty2ZUYR/view?usp=sharing	Dr. S. A. Wadhal
Papaverine	https://drive.google.com/file/d/1mWSclmg6pUsEfKEjTXRQMuO6pSHKumE9/view?usp=sharing	Dr. S. A. Wadhal	XRD Theory	https://drive.google.com/file/d/1SejQmYbggnFatRHn4X5L8zFA5erGwEA/view?usp=sharing	Dr. S. A. Wadhal
Reserpine	https://drive.google.com/file/d/12JUysuL7kXz2gSp3U2OtWzxtwPSCWfr7/view?usp=sharing	Dr. S. A. Wadhal	UV-Visible Instrumentation	https://drive.google.com/file/d/1-ezIHiucf_OMa9AXDIa3g2tzV00MRqkh/view?usp=sharing	Dr. S. A. Wadhal
Terpenoid Camphor	https://drive.google.com/file/d/1C-FdMQtenLeLRhYqbaPe2ydUEV4huVa/view?usp=sharing	Dr. S. A. Wadhal	Basic application of Chemistry	https://drive.google.com/file/d/1Pr3fgVfySnXHX08oo5yippwnqWf6pUwc/view?usp=sharing	Dr. S. A. Wadhal
Polarography , Principle, Instrumentation and working	https://www.slideshare.net/ProfYogitaThakare/lect-1-electroanalytical-techniquepolarography-introduction-principle-instrument	Dr. Y. S. Thakare			
Dropping Mercury Electrode-Structure-Uses-Advantages-Limitations	https://www.slideshare.net/ProfYogitaThakare/lect-2-dmg-structureusesadvantageslimitation	Dr. Y. S. Thakare			

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M. Sc. Part – I (Semester – II)

Notes and PowerPoints			Links to Video Lectures		
Topic	Link	Teacher	Topic	Link	Teacher
Adsoption	https://docs.google.com/presentation/d/1Ui6-9ml-AepNDi9acNO_UL9_YjO5faiabAcPVEcTozM/edit?usp=sharing	Dr. G. N. Chaudhari	Macromolecules	https://youtu.be/ivSVL8gKDL4	Dr. G. N. Chaudhari
Micelles	https://docs.google.com/presentation/d/1C22jmxRrR9tjWz54um6epVBxvevm1v6kxGvrDH3vol8/edit?usp=sharing	Dr. G. N. Chaudhari	Macromolecules	https://youtu.be/frUbGgH_XNk	Dr. G. N. Chaudhari
		Dr. G. N. Chaudhari	General	https://youtu.be/xijrY8t8fo	Dr. G. N. Chaudhari

M. Sc. Part – II (Semester – IV)

Notes and PowerPoints			Links to Video Lectures		
Topic	Link	Teacher	Topic	Link	Teacher
Mass Spectroscopy	https://docs.google.com/presentation/d/1_niFs_m50Qg1ZKlyJURPeaPCLUco-zFXU9g_aB1DZQfk/edit?usp=sharing	Dr. G. N. Chaudhari			
FTIR	https://docs.google.com/presentation/d/1h84KxSGL6IEH23b9_15KriYa7RA5X1fgE2aY0b6fJKc/edit?usp=sharing				
IR SPECTROSCOPY	https://docs.google.com/presentation/d/1uKVCoZLMbXpkb6oHypDk9YgxwMGg9u-6OTHrjbh70Xg/edit?usp=sharing				
		Dr. S. A. Wadhal	Oxidation and Reduction(I)	https://www.youtube.com/watch?v=0-yGQkHq0W4	Dr. S. A. Wadhal

		Dr. S. A. Wadhal	Oxidation and Reduction(II)	https://www.youtube.com/watch?v=7VnAtCc7n-M	Dr. S. A. Wadhal
		Dr. S. A. Wadhal	Oxidation and Reduction(III)	https://www.youtube.com/watch?v=hlbBmZFJ-o	Dr. S. A. Wadhal
Introduction to Research for Project Work	https://www.slideshare.net/GajananDongare/introduction-to-research-234028288	Dr. G. M. Dongare			
		Dr. Y. S. Thakare			
Thesis writting	https://www.slideshare.net/harshaliwankhade/research-report-and-thesis-writting	Dr. H. G. Wankhade			