

SHAHID VIRPATNI LAXMI MAHAVIDYALAYA, TITAVE

Department of Analytical Chemistry

Knowledge Bank

M.Sc. Analytical Chemistry		Semester : II M.Sc. I Year	
Sr No.	Name of the Course	Subject Teacher Name	Link
1	Analytical chemistry paper II	Miss. Sharvari. A. Ghatage	Spectroscopic methods of analysis.
			https://www.youtube.com/watch?v=5yLxJ5Vn5gw
			Atomic Absorption Spectroscopy.
			https://www.youtube.com/watch?v=a8cwwLeezmo
			Derivatives and Dual Wavelength Spectroscopy.
			https://www.youtube.com/watch?v=YTlaHn6Rwa8
			Emission Spectroscopic Methods.
			Atomic Emission Spectroscopy.
			https://www.youtube.com/watch?v=yc6qZprCJjo
			Molecular Emission Spectroscopy.
https://www.youtube.com/watch?v=HkhhODComE8			
Flame Emission Spectroscopy.			
https://www.youtube.com/watch?v=WibIWLvWgCw			
2.	Cosmetics Formulation & Quality Control		Plant layout and factory requirements for cosmetic industry
			https://www.youtube.com/watch?v=DrO5sS51Yk8
			Skin and its natural composition
			https://www.youtube.com/watch?v=63YdIH2S2ls
			https://www.youtube.com/watch?v=-T0wxfWGKXw
			https://www.youtube.com/watch?v=-T0wxfWGKXw
			Mainly used cosmetic formulations:
			https://www.youtube.com/watch?v=bcCkQ1IiaKA
			https://www.youtube.com/watch?v=h9IGmBcYcBs
			https://www.youtube.com/watch?v=TK15EEQad7o
https://www.youtube.com/watch?v=tEW68pvtSk0			
https://www.youtube.com/watch?v=AHfJxYRfKLC			
Controlling the quality of the following cosmetics-related raw materials:			
https://www.youtube.com/watch?v=y_ES6GLKlrg			
https://www.youtube.com/watch?v=a9suCiE-JfU			
https://www.youtube.com/watch?v=SNMAkzK4n4g			
3.			Introduction to pharmaceutical Analysis:
			https://www.youtube.com/watch?v=IIGzliQu_-U
			Introduction to pharmaceutical Analysis:
			https://www.youtube.com/watch?v=KCcHgJx0_RA
			Introduction to Indian Pharmacopoeia (IP) and other pharmacopeial standards
			https://www.youtube.com/watch?v=_AhBdYwjjM
Dosage form: A brief description of each dosage form, including tablets, capsules, injections, ointments, creams, oral solutions, and aerosols etc.			

	Pharmaceutical Analysis	Miss. Pooja. P .Patil	https://www.youtube.com/watch?v= 8LyTsym5jE Impurities and limit tests for (As, Pb, Fe, Chloride, Sulphate etc.) https://www.youtube.com/watch?v=PJO4M9AfW20 Quality Assurance (QA), the idea of Total Quality Management, and the role of Documentation in QA. https://www.youtube.com/watch?v=stcYgSezoKQ Introduction, Type, Properties, and Method of Analysis of Chemotherapeutic Agents. https://www.youtube.com/watch?v=83CLHo-sz9E Dissolution and disintegration , Tablets https://www.youtube.com/watch?v=7DMETleriG4
4.	Environmental Science	Miss. Pooja. P. Patil	Standard chemical safety protocol https://www.youtube.com/watch?v=HprxoCHnvn0 Access and presentation of data https://www.youtube.com/watch?v= mXzy-79Mxk Standard Chemical safety procedure https://www.youtube.com/watch?v=JbzLAJZ0U6g&list=PL3f_ghgGfVfItGchrTDu8QdqLcvQ-6WwE The Indian Atomic Energy Act, 1948 https://www.youtube.com/watch?v=FQEZ5xCMrqc&list=PLb8zN-8LXfQD6BaL_uuhyZUogDZSgYI3o The Bio-Medical Waste Management Rules, 2016, https://www.youtube.com/watch?v=Q7wvnAxdMoY Source and classification pollution https://www.youtube.com/watch?v=EivXApaO8ww Concept of DO, BOD and COD. https://www.youtube.com/watch?v=sBnrwhYKbEg Types of pollution: - Air, water, noise, soil, thermal marine radioactive. https://www.youtube.com/watch?v=bGduua5piIM Analysis of gasses CO, CO 2 , NO 2 , SO 2 , H 2 S. https://www.youtube.com/watch?v=Vgmc35DC-uo e-waste https://www.youtube.com/watch?v= r5rHyMHKEg&list=PL3MO67NH2XxJngITU5LDb2md2TX4Gqex- Plastic waste https://www.youtube.com/watch?v=XyYisjWbiKg&list=PLbRMhDVUMngcUICNSaynDVY7T1XFaMFFy The Plastic Waste Management Rules 2016 https://www.youtube.com/watch?v=1rbURWfczw8 Minamata Disaster https://www.youtube.com/watch?v=homfq9oVCOA Love Canal Disaster https://www.youtube.com/watch?v=cjDiZfJbnyw

