List of Video Lessons

Dept. of Chemistry

Name of the teacher	Name of the module developed	Link to the relevant document
Dr.G.Pranitha	Different types of spectroscopic techniques	https://youtu.be/e7ppGWyPUjg
Dr.G.Pranitha	IUPAC Nomenclature of Coordination compounds and Werner's theory	https://youtu.be/tEwvMzai6ZI
Dr.G.Pranitha	Sidgwick's theory and EAN	https://youtu.be/KImNegF3WgQ
Dr.G.Pranitha	Valence Bond Theory	https://youtu.be/qXZkQtit1MM
Dr.G.Pranitha	Isomers of Coordination Chemistry	https://youtu.be/Czh5tfl0IWA
Dr.G.Pranitha	Optical And Structural Isomers Of Coordination Compounds	https://youtu.be/u274oS7T_Lc
Dr.G.Pranitha	UV Spectroscopy	https://youtu.be/48FKMHJ0nZo
Dr.G.Pranitha	Metal Carbonyls	https://youtu.be/dco498gdKt4
Dr.G.Pranitha	Amines (Part-1)	https://youtu.be/boPyjb1lmto
Dr.G.Pranitha	Amines (Part-2)	https://youtu.be/nBhPmlg4H34
Dr.G.Pranitha	Amines (Part-3)	https://youtu.be/V2fFJdcoj-Q
Dr.G.Pranitha	Amines (Part-4)	https://youtu.be/cSgx6q58H18
Dr.G.Pranitha	Cyanides and Isocyanides	https://youtu.be/qHjLSp9VP3A
Dr.G.Pranitha	Carboxylic acids and Derivatives(PART-1)	https://youtu.be/tlWualQSSfY
Dr.G.Pranitha	Carboxylic Acids and Derivatives(PART-2)	https://youtu.be/Ne00vhIhJqA
Dr.G.Pranitha	Carboxylic acids and Derivatives(PART-3)	https://youtu.be/4q8flxbw7vo
Dr.G.Pranitha	Carboxylic acids and Derivatives(PART-4)	https://youtu.be/PYp1_LN2jzw
Dr.G.Pranitha	Nitro Hydrocarbons	https://youtu.be/zngS6F-zdoA
Dr.G.Pranitha	Aromatic Nitro Compounds	https://youtu.be/JGFILXVMxyU
Dr.G.Pranitha	Carbanions-I (Part-1)	https://youtu.be/kMEA6dfcbaQ
Dr.G.Pranitha	Carbanion-I (Part-2)	https://youtu.be/1AJ1PvtqfHg
Dr.G.Pranitha	Carbanion-I (Part-3)	https://youtu.be/cX-GwIfrpj8
Dr.G.Pranitha	Carbanions-I (Part-4)	https://youtu.be/Ff4682O9OAs
Dr.G.Pranitha	f-Block elements(Part-1)	https://youtu.be/G-OKnNe_PQw
Dr.G.Pranitha	f-Block elements (Part-2)	https://youtu.be/mL2qZO5yh9I
Dr.G.Pranitha	F-Block elements (Part-3)	https://youtu.be/y_TcJ4sL6OE

Dr.G.Pranitha	f-Block elements(Part-4)	https://youtu.be/EiDsupFSwOE
Dr.G.Pranitha	Alcohols	https://youtu.be/7VvwqfJGvuA
Prabhavati	CFSE of Octahedral &Tetrahedral	https://youtu.be/IImjWbznGY4
Prabhavati	Physical properties of Amines	https://youtu.be/O3GDXnAoE5I
Prabhavati	Preparation of Amines	https://youtu.be/CqC-lwbC1XU
Prabhavati	Amines introduction	https://youtu.be/A2cF0G5iiCM
Prabhavati	Preparation of Amines	https://youtu.be/hXmRvF2mYPA
Prabhavati	Spectroscopy introduction	https://youtu.be/PUmOFu5ETQI
Prabhavati	Electromagnetic spectrum	https://youtu.be/kOY_1A9WcGA
Prabhavati	UV visible spectroscopy	https://youtu.be/ojtvIuyNdmc
Prabhavati	Electronic transition	https://youtu.be/ULKWyUHHayc
Prabhavati	Molecular orbital theory	https://youtu.be/8s__VFntGsM
Prabhavati	Terminology for absorption shifts	https://youtu.be/m2w1FJhCDnU
Prabhavati	Absorption Characteristics of some common chromophores	https://youtu.be/VvS26NKYn8E
Prabhavati	Electronic transitions in different types of molecules	https://youtu.be/z5R286pAw0Q
Prabhavati	IR spectroscopy introduction	https://youtu.be/eQTvzEys5yM
Prabhavati	Types of molecular vibrations	https://youtu.be/EFqPCI1zTOE
Prabhavati	Instrumentation of IR spectroscopy	https://youtu.be/LKGlYKo1rP4
Prabhavati	Selection rules	https://youtu.be/VR7g3UhVSsE
Prabhavati	Typical IR spectrum for organic molecules	https://youtu.be/95utZFpTBGA
Prabhavati	Applications of IR	https://youtu.be/H35cyfY0UqM
Prabhavati	Introduction and classification of boranes	https://youtu.be/n9NRH4Pw00g
Prabhavati	structure of boranes	https://youtu.be/bjnZleCHTG8
Prabhavati	Carboranes	https://youtu.be/iVw8C95ALf4
Prabhavati	Wade's rule	https://youtu.be/O8VUR_cPgew
Prabhavati	Heterocyclic compounds 1	https://youtu.be/XvjnLHL6RTI
Prabhavati	Heterocyclic compounds 2	https://youtu.be/ZcohTSKxHwY
K. Saritha Rani	Introduction to chromatography	https://youtu.be/GaNLcczEdbs

K. Saritha Rani	Thin Layer Chromatography	https://youtu.be/p55QKg0I91E
K. Saritha Rani	Paper chromatography	https://youtu.be/34XLFnAxdTU
K. Saritha Rani	column chromatography	https://youtu.be/ooqfmalOQyI
K. Saritha Rani	Ion Exchange Chromatography	https://youtu.be/0cYiOuis78c
K. Saritha Rani	HPLC	https://youtu.be/cku2AZcRE_o
K. Saritha Rani	Gas Chromatography	https://youtu.be/2wYtDeC-nH4
K. Saritha Rani	Spectroscopy	https://youtu.be/yx5B52MgA_k
K. Saritha Rani	Colorimetry & Spectrophotometry	https://youtu.be/w7AFD9OwrkY
K. Saritha Rani	IR spectra part-1	https://youtu.be/omJPHeKmEyw
K. Saritha Rani	IR part -2	https://youtu.be/dvinlwI24ao
K. Saritha Rani	IR part-3	https://youtu.be/8B3f_juK5bk
K. Saritha Rani	IR part-4	https://youtu.be/BNu4FckCTPw
K. Saritha Rani	electroanalytical techniques part1	https://youtu.be/sx9ygp2HWc4
K. Saritha Rani	electroanalytical techniques part 2	https://youtu.be/Bz_DKqpCpEc
K. Saritha Rani	electro analytical techniques part3	https://youtu.be/X9N23IdJ7h8
K. Saritha Rani	electro analytical techniques part -4	https://youtu.be/0P_5ZUxfYB4
K. Saritha Rani	voltammetry	https://youtu.be/eLgEKtj3lxw
K. Saritha Rani	microelectrodes & overpotential	https://youtu.be/NqxWY6N9SiU
K. Saritha Rani	conductometry part -1	https://youtu.be/OBhinH1MehU
K. Saritha Rani	conductometry part -2	https://youtu.be/hbqgZPmIgcI
K. Saritha Rani	UV visible spetroscopy part-1	https://youtu.be/sGXbHD8xK2o
K. Saritha Rani	UV visible spetroscopy part-2	https://youtu.be/iPwSCO0CsLI
K. Saritha Rani	UV visible spetroscopy part-3	https://youtu.be/57iHDsOK5Po
K. Saritha Rani	UV visible spetroscopy part-4	https://youtu.be/3lIbUNniztM
Dr. Rafiya Sultana	f-Block elements introduction and Electronic Configuration	https://www.youtube.com/watch?v=nagmiB9n4lE&t=1543s
Dr. Rafiya Sultana	f-Block elements Oxidation State, lanthanide attraction, mag prop,	https://www.youtube.com/watch?v=PBhVctF1F20&t=630s
Dr. Rafiya Sultana	f-Block elements color properties, occurrence and	https://www.youtube.com/watch?v=weBxLd57Wkg&t=1033s
Dr. Rafiya Sultana	separation methods	
Dr. Rafiya Sultana	f-Block elements, actinides E.C and properties and few mcqs	https://www.youtube.com/watch?v=oZwq5irQBY4

Dr. Rafiya Sultana	Metal Carbonyls, definition, classification and bonding	https://youtu.be/3VkVxlYiP88
Dr. Rafiya Sultana	Metal carbonyls geometry, Ni(CO)4 and Fe(CO)5	https://youtu.be/E4-VhYQAeL4
Dr. Rafiya Sultana	Metal carbonyls geometry, EAN and 18 valence electron rule	https://youtu.be/3OJj33ZCeJI
Dr. Rafiya Sultana	Organo metallic compounds def, classification, physical properties	https://youtu.be/5P0BBxTDLgo
Dr. Rafiya Sultana	Organo metallic compounds chemical properties and applications	https://youtu.be/M45JdashjHQ
Dr. Rafiya Sultana		
Dr. Rafiya Sultana	Coorination compounds, inroduction, terms	https://youtu.be/NunSMpnbq_I
Dr. Rafiya Sultana	Coordination compounds, types of ligands and IUPAC nomenclature	https://youtu.be/efey7p9L5ms
Dr. Rafiya Sultana	Coordination compounds, nomenclature, Werners theory and	https://youtu.be/8-0QycWcnsA
Dr. Rafiya Sultana	sidwigs theory	
Dr. Rafiya Sultana	Coordination compounds, VBT square planar and tetrahedral	https://youtu.be/3nr2jYr3aUU
Dr. Rafiya Sultana	complexes geometry	
Dr. Rafiya Sultana	Coorination compounds, VBT in octahedral complexes and	https://youtu.be/DcHUTGBxCdI
Dr. Rafiya Sultana	structural isomerism	
Dr. Rafiya Sultana	Coorination compounds, stereo isomerism, Geometrical isomerism	https://youtu.be/-VPaur-IjpA
Dr. Rafiya Sultana		
Dr. Rafiya Sultana	Carboxylic Acids nomenclature ad	https://youtu.be/ALIB835Kalw
Dr. Rafiya Sultana	Carboxylic Acids physical properties and Reactions involving	https://youtu.be/kr06-aMBzfo
Dr. Rafiya Sultana	H and OH of COOH group	
Dr. Rafiya Sultana	Carboxylic Acids Reactions involving COOH group,	https://youtu.be/qu_VK1xY784
Dr. Rafiya Sultana	Hunsdieker reaction and Schmidt reaction	
Dr. Rafiya Sultana	Carboxylic Acids Arndt – Eistert synthesis, Halogenation	https://youtu.be/vzenlpu8Omo
Dr. Rafiya Sultana	by Hell – Volhard - Zelensky reaction	

Dr. Rafiya Sultana	krishnastami	
Dr. Rafiya Sultana	Carboxylic Acids derivatives and ester hydrolysis by acid	
Dr. Rafiya Sultana	and base, assignment	https://youtu.be/U60Wo6gZkGA
Dr. Rafiya Sultana	Nitrohydrocarbons Classification, Tautomerism Preparation of	
Dr. Rafiya Sultana	Nitroalkanes. Reactivity - halogenation, reaction with HNO2	https://youtu.be/m9mVwy6ScpI
Dr. Rafiya Sultana	Aromatic	
Dr. Rafiya Sultana	Nitrohydrocarbons: Preparation of Nitrobenzene by Nitration	https://youtu.be/9J-75LcdmTs
Dr. Rafiya Sultana	Nitrohydrocarbons Nitrobenzene Physical properties,	
Dr. Rafiya Sultana	chemical reactivity	https://youtu.be/5DPhwjWX6F8
Dr. Rafiya Sultana	classification Preparative methods – Ammonolysis of	
Dr. Rafiya Sultana	alkyl halides, Gabriel synthesis	https://youtu.be/2ouO8qoN24U
Dr. Rafiya Sultana	Hoffman's bromamide reaction (mechanism). Reduction of	
Dr. Rafiya Sultana	Amides and Schmidt reaction	https://youtu.be/cu44_ZB95BI
V. Poornachandra Rao	Column Chromatography	https://www.youtube.com/watch?v=2Y7327gQPMc
V. Poornachandra Rao	Ion exchange Chromatography	https://www.youtube.com/watch?v=QhnmrVPloxA
V. Poornachandra Rao	HPLC	https://www.youtube.com/watch?v=OLZBO5R6d3I
V. Poornachandra Rao	Spectrophotometry	https://www.youtube.com/watch?v=ZBon_SL4z7o
V. Poornachandra Rao	Beer-lamberts law	https://www.youtube.com/watch?v=KqjjO2oz-6g
V. Poornachandra Rao	Electroanalytical methods	https://www.youtube.com/watch?v=doNyAtWfBFw
V. Poornachandra Rao	Medicinal Chemistry	https://www.youtube.com/watch?v=DaYejLX2qRU
V. Poornachandra Rao	Electroanalytical methods	https://www.youtube.com/watch?v=iSrLLei_Yp4
V. Poornachandra Rao		
V. Poornachandra Rao	Electroanalytical methods	https://www.youtube.com/watch?v=NGeEleykSNg
V. Poornachandra Rao	Electroanalytical methods	https://www.youtube.com/watch?v=2Xken62nzLg