

RK VIGYAN PG COLLEGE KALWAR JAIPUR, RAJ.
B.SC 4TH SEMESTER CHEMISTRY PRACTICAL

S.N	PAPER (I, II,) NAME	UNIT	TOPIC	VIDEO LINK
1	Inorganic preparation	Inorganic preparation	Preparation of Tetra Amine copper ,(II) sulfate	https://youtu.be/TWYu4d6-xj8?si=i3zZOaYImhbQNeGb
2			Preparation of trans Potassium diaquadioxalatochromate(III)	https://youtu.be/xwMcrC6tT7k?si=Qc11RLrr2YhDRHJp
3			Preparation of cis Potassium	https://youtu.be/Uj6liDHazgl?si=CeHzGWzvwuPZjo68
4			Synthesis of sodium trioxalateo ferrate (III)	https://youtu.be/eE06YqSNsB0?si=PCfWJZTt_Jk4pguu
5			Preparation of bis (glyoxamato) nickel (II)	https://youtu.be/ASADkh5IInM?si=YrLP9uQW5FcO2uOU
6	Organic chemistry	Organic synthesis	Synthesis of iodoform from ethanol and acetone	https://youtu.be/vS7MJlI5XPE?si=btjKBGgMdbvKmaT3
7			Synthesis of Aspirin from salicylic acid	https://youtu.be/FXsdHlxYDqc?si=Rx_PDLb8loRSBHZB
8			Synthesis of pthaliamide from pthalic anhydride	https://youtu.be/pC3Z3TCvCTs?si=vPQX35qJRcndkzKJ
9			Synthesis of succinic anhydride	https://youtu.be/g-h5ghx4ZNU?si=E4TcaMquS_g4x_34
10	Physical chemistry	Transition temperature	Determine of transition temperature of givan substance $MnCl_2.4H_2O$	https://youtu.be/1gxVSDVffFU?si=k5qF93C1VOkeiyfG
11			Determine of transition temperature of givan substance $Na_2SO_4.10H_2O$	https://youtu.be/tAM7ejbi6bU?si=fNi3RkaGoI0Y8Xgy

12		Phase equilibrium	To construct the phase diagram of two component system like phenol H ₂ O system	https://youtu.be/t1PArn_Xlpg?si=LB_uHRAafZsF9ggE
13			To study the effect of solute NaCl and succinic acid etc on the CST	https://youtu.be/2kKUf8T40C4?si=khh3suR0EHL3zxf
14			Two partially miscible liquid phenol H ₂ O system and determine the concentration of the solute in the given partially miscible liquid system	https://youtu.be/OIJXF4O7LfY?si=BIEupsze3RgN5PIL
15		Ionic equilibrium	Preparation of different types of buffer solution and determination of PH using PH meter.	https://youtube.com/watch?v=ERIUhncF7jg&feature=shared