



RAGHU COLLEGE OF PHARMACY

(Approved by A.I.C.T.E., PCI New Delhi & Affiliated to Andhra University, Visakhapatnam)

Dakamarri, Bheemunipatnam (Mandalam), Visakhapatnam - 531 162.

COURSE PLAN

Subject Code	Name of the Subject	Class/ Semester	Name of the Faculty/ Designation	No. of Students	Total periods per Semester / Year	
					Lectures	Tutorials
BP401T	Organic Chemistry-III	II/IV - 2 nd Semester Section-A	Dr. U.Harini / G. Gowri	55	59	17

Lecture No.	Topic	Gadgets used, if any (LCD/OHP/ Charts/Models)	Date on which completed*
L1	Stereo isomerism - Isomerism introduction	Chalk & Board	27-06-2023
L2	Optical isomerism	Chalk & Board	30-06-2023
T01	Tutorials		30-06-2023
L3	Optical activity, enantiomers	Chalk & Board	01-07-2023
L4	Diastereomers, mesocompounds	Chalk & Board	04-07-2023
L5	Elements of symmetry, Chiral and achiral molecules	Chalk & Board	06-07-2023
L6	DL System of nomenclature of optical isomers	Chalk & Board	07-07-2023
T02	Tutorials		07-07-2023
L7	Sequence rules	Chalk & Board	11-07-2023
L8	RS System of nomenclature of optical isomers	Chalk & Board	13-07-2023
L9	Reactions of chiral molecules		14-07-2023
T03	Tutorials		14-07-2023
L10	Racemic modification	Chalk & Board	15-07-2023
L11	Resolution of racemic mixtures	Chalk & Board	18-07-2023
L12	Asymmetric synthesis	Chalk & Board	20-07-2023
L13	Partial and absolute	Chalk & Board	21-07-2023

T04	Tutorials		21-07-2023
L14	Geometrical isomerism	Chalk & Board	22-07-2023
L15	Nomenclature of geometrical isomers	Chalk & Board	25-07-2023
L16	Methods of determination of configuration of geometrical isomers	Chalk & Board	27-07-2023
L17	Conformational isomerism in ethane	Chalk & Board	28-07-2023
T05	Tutorials		28-07-2023
L18	Conformational isomerism in n-butane	Chalk & Board	01-08-2023
L19	Conformational isomerism in n-butane	Chalk & Board	03-08-2023
L20	Conformational isomerism in cyclohexane	Chalk & Board	04-08-2023
T06	Tutorials		04-08-2023
L21	Stereoisomerism in biphenyl compounds	Chalk & Board	05-08-2023
L22	Conditions for optical activity	Chalk & Board	08-08-2023
L23	Stereospecific and stereoselective reactions	Chalk & Board	10-08-2023
L24	Heterocyclic compounds	Chalk & Board	11-08-2023
T07	Tutorials		11-08-2023
L25	Nomenclature	Chalk & Board	17-08-2023
L26	Classification	Chalk & Board	18-08-2023
T08	Tutorials		18-08-2023
L27	Synthesis, reactions and medicinal uses of Pyrrole	Chalk & Board	19-08-2023
	1 st SESSIONAL EXAMS		22-08-2023 to 26-08-2023
L28	Relative aromaticity and reactivity of Pyrrole	Chalk & Board	29-08-2023
L29	Synthesis, reactions and medicinal uses of Furan	Chalk & Board	31-08-2023
T09	Tutorials		01-09-2023
L30	Relative aromaticity and reactivity of Furan	Chalk & Board	01-09-2023
L31	Synthesis, reactions and medicinal uses of Thiophene	Chalk & Board	02-09-2023
L32	Relative aromaticity and reactivity of Thiophene	Chalk & Board	05-09-2023
L33	Synthesis, reactions and medicinal uses of Pyrazole	Chalk & Board	07-09-2023
L34	Synthesis, reactions and medicinal uses of Pyrazole	Chalk & Board	08-09-2023
T10	Tutorials		08-09-2023
L35	Synthesis, reactions and medicinal uses of Imidazole	Chalk & Board	12-09-2023
L36	Synthesis, reactions and medicinal uses of Imidazole	Chalk & Board	14-09-2023
T11	Tutorials		15-09-2023
L37	Synthesis, reactions and medicinal uses	Chalk & Board	15-09-2023

	of Oxazole		
L38	Synthesis, reactions and medicinal uses of Oxazole	Chalk &Board	16-09-2023
L39	Synthesis, reactions and medicinal uses of Thiazole	Chalk &Board	21-09-2023
L40	Synthesis, reactions and medicinal uses of Thiazole	Chalk &Board	22-09-2023
T12	Tutorials		22-09-2023
L41	Synthesis, reactions and medicinal uses of Pyridine	Chalk &Board	23-09-2023
L42	Synthesis, reactions and medicinal uses of quinoline	Chalk &Board	26-09-2023
L43	Synthesis, reactions and medicinal uses of Iso Quinoline	Chalk &Board	28-09-2023
L44	Synthesis, reactions and medicinal uses of Acridine. indole	Chalk &Board	29-09-2023
T13	Tutorials		29-09-2023
L45	Synthesis, reactions and medicinal uses of Pyrimidine	Chalk &Board	30-09-2023
L46	Synthesis, reactions and medicinal uses of Purine	Chalk &Board	03-10-2023
L47	Synthesis, reactions and medicinal uses of Azepine and its derivatives	Chalk &Board	05-10-2023
L48	Reactions of synthetic importance Metal hydride reaction		06-10-2023
T14	Tutorials		06-10-2023
L49	Clemmenson reduction.	Chalk &Board	07-10-2023
L50	Birch reduction		10-10-2023
L51	Wolff kishner reduction	Chalk &Board	12-10-2023
L52	Oppenauer-oxidation		13-10-2023
T15	Tutorials		13-10-2023
L53	Dakin reaction		17-10-2023
L54	Beckmanns rearrangement	Chalk &Board	19-10-2023
L55	Schmidt rearrangement	Chalk &Board	20-10-2023
T16	Tutorials		20-10-2023
L56	Claisen Schmidt condensation	Chalk &Board	26-10-2023
L57	Revision		27-10-2023
T17	Tutorials		
L58	Revision		28-10-2023
L59	Revision		31-10-2023
	2 nd SESSIONAL EXAMS		01-11-2023 to 06-11-2023

U. Haqvi

Signature of the Faculty Member

Fayaz Khan

Signature of the Principal