



# RAGHU COLLEGE OF PHARMACY

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

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

**COURSE PLAN**- One copy to be submitted to the HOD one week before commencement of the Semester

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/II Section-A&B	Mrs.G.Gowri / Dr. U.Harini	58	53	14

Week No.	Lecture No.	Topic	gadgets used, if any (LCD/OHP/ Charts/Models)	Date on which completed*
01	L1	Stereo isomerism	Chalk & Board	26-6-23
	L2	Optical isomerism	Chalk & Board	27-6-23
	L3	Optical activity, enantiomers	Chalk & Board	30-6-23
	<b>T01</b>	<b>Tutorials</b>	Chalk & Board	30-6-23
	L4	Diastereomers, meso compounds	Hand outs	1-7-23
02	L5	Elements of symmetry	Chalk & Board	3-7-23
	L6	Chiral and achiral molecules	Chalk & Board	4-7-23
	L7	Chiral and achiral molecules	Chalk & Board	7-7-23
	<b>T02</b>	<b>Tutorials</b>		7-7-23
03	L8	Racemic modification	Chalk & Board	10-7-23
	L9	Resolution of racemic mixtures	Chalk & Board	11-7-23
	L10	Asymmetric synthesis	Chalk & Board	14-7-23
	<b>T03</b>	<b>Tutorials</b>		14-7-23
	L11	Partial and absolute	Chalk & Board	15-7-23
04	L12	Partial and absolute	Chalk & Board	17-7-23
	L13	Geometrical isomerism	Hand outs	18-7-23
	L14	Nomenclature of geometrical isomers	Chalk & Board	21-7-23
	<b>T04</b>	<b>Tutorials</b>		21-7-23
	L15	Methods of determination of configuration of geometrical isomers	Chalk & Board	22-7-23
05	L16	Conformational isomerism in ethane	Chalk & Board	24-7-23
	L17	Conformational isomerism in n-butane	Chalk & Board	25-7-23
	L18	Conformational isomerism in n-butane	Chalk & Board	28-7-23
	<b>T05</b>	<b>Tutorials</b>	Hand outs	28-7-23

06	L19	Conformational isomerism in cyclohexane	Chalk & Board	31-7-23
	L20	Stereoisomerism in biphenyl compounds	Chalk & Board	1-8-23
	L21	Conditions for optical activity	Chalk & Board	4-8-23
	<b>T06</b>	<b>Tutorials</b>		4-8-23
	L22	Stereospecific and stereoselective reactions	Chalk & Board	5-8-23
07	L23	Heterocyclic compounds	Chalk & Board	7-8-23
	L24	Nomenclature	PPT	8-8-23
	L25	Classification	Chalk & Board	11-8-23
	<b>T07</b>	<b>Tutorials</b>	Chalk & Board	11-8-23
08	L26	Pyrrrole	Chalk & Board	14-8-23
	L27	Pyrrrole	Chalk & Board	18-8-23
	<b>T08</b>	<b>Tutorials</b>	Hand outs	18-8-23
	L28	Furan	Chalk & Board	19-8-23
09	L29	Furan	Chalk & Board	31-8-23
	L30	Thiophene	Chalk & Board	1-9-23
	<b>T09</b>	<b>Tutorials</b>	Chalk & Board	1-9-23
	L31	Thiophene	Hand outs	2-9-23
10	L32	Pyrazole	Chalk & Board	4-9-23
	L33	Pyrazole	Chalk & Board	5-9-23
	L34	Imidazole	Chalk & Board	8-9-23
	<b>T10</b>	<b>Tutorials</b>	Hand outs	8-9-23
11	L36	Oxazole	Chalk & Board	11-9-23
	L37	Oxazole	Chalk & Board	12-9-23
	L38	Thiazole	Chalk & Board	15-9-23
	<b>T11</b>	<b>Tutorials</b>	Chalk & Board	15-9-23
	L39	Thiazole	Hand outs	16-9-23
10	L40	Pyridine	Chalk & Board	18-9-23
	L41	quinoline	Chalk & Board	22-9-23
	L42	Iso Quinoline	Chalk & Board	22-9-23
	L43	Acridine, indole	Chalk & Board	23-9-23
11	L44	Pyrimidine	Chalk & Board	25-9-23
	L45	Purine	Chalk & Board	26-9-23
	L46	Azepine and its derivatives	Chalk & Board	29-9-23
	<b>T12</b>	<b>Tutorials</b>		29-9-23
	L47	Metal hydride reaction	Hand outs	30-9-23
12	L48	Clemmenson reduction. Birch reduction	Chalk & Board	3-10-23
	L49	Wolff kishner reduction	Chalk & Board	6-10-23
	<b>T13</b>	<b>Tutorials</b>		6-10-23
	L50	Beckmanns rearrangement	Chalk & Board	7-10-23
13	L51	Schmidt rearrangement	Chalk & Board	9-10-23
	L52	Claisen Schmidt condensation	Hand outs	10-10-23
	L53	Claisen Schmidt condensation	Chalk & Board	11-10-23
	<b>T14</b>	<b>Tutorials</b>	Chalk & Board	11-10-23

Signature of the Faculty Member

  
Signature of the Head