

V.S.M. COLLEGE (AUTONOMOUS)

RAMACHANDRAPURAM

NAAC Re-accredited with 'B' Grade at 2.69 CGPA

(Affiliated to Adikavi Nannaya University, Rajamahendravaram)



ANALYTICAL CHEMISTRY

COURSE STRUCTURE

(W.e.f. admitted batch 2019 –20)

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M.Sc. ANALYTICAL CHEMISTRY PROGRAMME - COURSE STRUCTURE
UNDER SEMESTER SYSTEM 2020 – 21

Semester number	Paper & Title of the paper	Paper code	Instruction hours/week	No. of Credits	Duration of the examination (hours)	Assessment		Total Marks
						(CIA) Internal	(SEE) External	
I	Paper - I: General Chemistry-I	PG1912301	4	4	3	25	75	100
I	Paper - II: Inorganic Chemistry-I	PG1912302	4	4	3	25	75	100
I	Paper - III: Organic Chemistry-I	PG1912303	4	4	3	25	75	100
I	Paper - IV: Physical Chemistry-I	PG1912304	4	4	3	25	75	100
I	Practical: Inorganic Chemistry Practicals-I Lab	PG1912302P	6	3	3	25	75	100
I	Practical: Organic Chemistry Practicals-I Lab	PG1912303P	6	3	3	25	75	100
I	Practical: Physical Chemistry Practicals-I Lab	PG1912304P	6	3	3	25	75	100
II	Paper - V: General Chemistry-II	PG1922305	4	4	3	25	75	100
II	Paper - VI: Inorganic Chemistry-II	PG1922306	4	4	3	25	75	100
II	Paper - VII: Organic Chemistry-II	PG1922307	4	4	3	25	75	100
II	Paper - VIII: Physical Chemistry-II	PG1922308	4	4	3	25	75	100
II	Practical: Inorganic Chemistry Practicals-II Lab	PG1922306P	6	3	3	25	75	100
II	Practical: Organic Chemistry Practicals-II Lab	PG1922307P	6	3	3	25	75	100
II	Practical: Physical Chemistry Practicals-II Lab	PG1922308P	6	3	3	25	75	100

III	Paper - I: Separation methods-I	PG1932309	4	4	3	25	75	100
III	Paper - II: Quality control and Traditional methods of Analysis-I	PG1932310	4	4	3	25	75	100
III	Paper - III: Applied Analysis-I	PG1932311	4	4	3	25	75	100
III	Paper - IV: Instrumental methods of Analysis-I	PG1932312	4	4	3	25	75	100
III	Practical: Classical methods of Analysis-I Lab	PG1932310P	6	3	3	25	75	100
III	Practical: Instrumental methods of Analysis-I Lab	PG1932312P	6	3	3	25	75	100
IV	Paper - V: Separation methods-II	PG1942313	4	4	3	25	75	100
IV	Paper - VI: Traditional methods of Analysis-II	PG1942314	4	4	3	25	75	100
IV	Paper - VII: Applied Analysis-II	PG1942315	4	4	3	25	75	100
IV	Paper - VIII: Instrumental methods of Analysis-II	PG1942316	4	4	3	25	75	100
IV	Practical: Classical methods of Analysis-II Lab	PG1942314P	6	3	3	25	75	100
IV	Practical: Instrumental methods of Analysis-II Lab	PG1942316P	6	3	3	25	75	100
IV	Comprehensive Viva	PG1942317P		6			100	100