

SVA Govt. Degree College(M), Srikalahasti
Dept. of Chemistry

Programs offered

B.Sc (Hons) Chemistry

B.Sc Chemistry (Minor)

Courses offered

Year	Semester	Course	Title of the Course	No. of Credits
1	Sem-I	Course-1	Essentials and applications of Mathematical, Physical and Chemical sciences	04
		Course-2	Advances in Mathematical, Physical and Chemical sciences	04
	Sem-II	Course-3	General & Inorganic Chemistry - (T)	03
			General & Inorganic Chemistry - (P)	01
		Course-4	Inorganic Chemistry-I - (T)	03
			Inorganic Chemistry-I - (P)	01
2	Sem-III	Course-5	Fundamentals in Organic Chemistry - (T)	03
			Fundamentals in Organic Chemistry - (P)	01
		Course-6	Organic Chemistry (Halogen & Oxygen Organic Compounds) - (T)	03
			Organic Chemistry (Halogen & Oxygen Organic Compounds) - (P)	01
		Course-7	Physical Chemistry-I (Solutions and Electrochemistry) - (T)	03
			Physical Chemistry-I (Solutions and Electrochemistry) - (P)	01
		Course-8	Inorganic & Physical Chemistry - (T)	03
			Inorganic & Physical Chemistry - (P)	01
	Sem-IV	Course-9	Physical Chemistry-II (States of Matter, Phase Rule & surface Chemistry) - (T)	03
			Physical Chemistry-II (States of Matter, Phase Rule & surface Chemistry) - (P)	01
		Course-10	General & Physical Chemistry - (T)	03
			General & Physical Chemistry - (P)	01
		Course-11	Nitrogen containing Organic Compounds & Spectroscopy. - (T)	03
			Nitrogen containing Organic Compounds & Spectroscopy. - (P)	01
3	Sem-V	Course-12A	Analytical Methods in Chemistry-Quantitative analysis	03
			Analytical Methods in Chemistry-Quantitative analysis	01
		Course-13A	Chromatography and Instrumental methods of Analysis	03
			Chromatography and Instrumental methods of Analysis	01
		Course-14A	Synthetic Organic Chemistry(T)	03
			Synthetic Organic Chemistry(P)	01
		Course-15A	Analysis of Organic Compounds	03
			Analysis of Organic Compounds	01
	Sem-VI	Internship		