

S.Y.B.Sc. COMPUTER APPLICATIONS SEMESTER IV

Vertical	Credits	Course
Major	4	Java and Spring Framework
Major	4	PHP
Major	4	Software Testing Tools
Minor	4	TCP/IP Protocol & Vulnerabilities
GE/OE	2	E-commerce & Digital Marketing
		Management Information Systems
		IT Returns Filing
SEC	2	Fullstack Vue
		NODE with express JS
AEC	2	Vyavaharik Hindi Lekhan, Batchet aur Prastuti
		Vyavaharik va Upayojik Marathi Lekhan, Sambhashan va Sadarikaran
		Sanskrit Pravinta Pathyakram (Sanskrit Proficiency Course)