

**Credit Structure for 4 Years Honours with Research Degree Program**  
**FYBSC.CS Semester-I**  
**Academic Level 4.5**

<b>Vertical</b>	<b>Description</b>	<b>Subject</b>	<b>Syllabus</b>	<b>Credits</b>
Vertical 1	Major (M1) Mandatory	Digital Systems & Architecture	<a href="https://sncollege.com/welcome/departmentdetails/4">https://sncollege.com/welcome/departmentdetails/4</a>	2
	Major	Fundamentals of Database Systems	<a href="https://sncollege.com/welcome/departmentdetails/4">https://sncollege.com/welcome/departmentdetails/4</a>	2
	Major	Computer Science Practical 1	<a href="https://sncollege.com/welcome/departmentdetails/4">https://sncollege.com/welcome/departmentdetails/4</a>	2
Vertical 3 OE	Open Elective	Entrepreneurship Management	<a href="https://sncollege.com/welcome/departmentdetails/4">https://sncollege.com/welcome/departmentdetails/4</a>	2
	Open Elective	Basics of Fintech	<a href="https://sncollege.com/welcome/departmentdetails/4">https://sncollege.com/welcome/departmentdetails/4</a>	2
Vertical 4	VSC	Introduction to Programming with Python	<a href="https://sncollege.com/welcome/departmentdetails/4">https://sncollege.com/welcome/departmentdetails/4</a>	2
	SEC	Linux Operating System	<a href="https://sncollege.com/welcome/departmentdetails/4">https://sncollege.com/welcome/departmentdetails/4</a>	2
Vertical 5	AEC	Introduction to Communication Skills	<a href="https://sncollege.com/welcome/departmentdetails/4">https://sncollege.com/welcome/departmentdetails/4</a>	2
	VEC	Environmental Management and Sustainable Development- I,	<a href="https://sncollege.com/welcome/departmentdetails/4">https://sncollege.com/welcome/departmentdetails/4</a>	2
	IKS	Indian Knowledge System Series (Generic) – I	<a href="https://sncollege.com/welcome/departmentdetails/4">https://sncollege.com/welcome/departmentdetails/4</a>	2
Vertical 6				
	CC	Introduction to Cultural Activities	<a href="https://sncollege.com/welcome/departmentdetails/4">https://sncollege.com/welcome/departmentdetails/4</a>	2
	CC	National Service Scheme (NSS)	<a href="https://sncollege.com/welcome/departmentdetails/4">https://sncollege.com/welcome/departmentdetails/4</a>	2
	CC	Introduction to Sports, Physical literacy	<a href="https://sncollege.com/welcome/departmentdetails/4">https://sncollege.com/welcome/departmentdetails/4</a>	2
<b>Total Credits</b>				<b>22</b>