

## Course Scheme for Bachelor of Science in Software Engineering

### Semester I

S. No	Course Code	Course Title	LTP/Week	Total Credits
1	BSSE1301	Front-End Web Development	2+3+2	6
2	BSSE1302	Programming Foundations	2+3+2	6
3	BSSE1303	UI Frameworks	2+3+2	6
4	BSSE1304	Database Design and Implementation	2+3+2	6
5	BSSE1305	Web Development Foundations	2+3+2	6
6	BSSE1306	Capstone Project-Web Development	1+3+6	7
7	BSSE1307	Web Development using Platforms	2+3+2	6
8	BSSE1308	Develop Enterprise Applications	2+3+2	6
<b>Total</b>				<b>49</b>

### Semester II

S. No	Course Code	Course Title	LTP/Week	Total Credits
1	BSSE2309	Application Integration	2+3+2	6
2	BSSE2310	Application Development Processes	2+3+2	6
3	BSSE2311	Agile Development	2+3+2	6
4	BSSE2312	Capstone Project – Application Development	1+3+6	7
5	BSSE2313	IT Systems & Networks	2+3+2	6
6	BSSE2314	Teamwork & Collaboration	2+2+2	5
7	BSSE2315	IT Security	2+3+2	6
8	BSSE2316	Agile Collaboration Skills	2+2+2	5
<b>Total</b>				<b>47</b>

### Semester III

S. No	Course Code	Course Title	LTP/Week	Total Credits
1	BSSE3317	Data Science Essentials	2+3+2	6
2	BSSE3318	Statistical Thinking for Data Science	2+3+2	6
3	BSSE3319	Minor Project - 1		4

Total				16
<b>Semester IV</b>				
<b>S. No</b>	<b>Course Code</b>	<b>Course Title</b>	<b>LTP/Week</b>	<b>Total Credits</b>
1	BSSE4320	R Programming	2+3+2	6
2	BSSE4321	Advanced Technique in Data Analytics	2+3+2	6
3	BSSE4322	Minor Project - 2		4
Total				16
<b>Semester V</b>				
<b>S. No</b>	<b>Course Code</b>	<b>Course Title</b>	<b>LTP/Week</b>	<b>Total Credits</b>
1	BSSE5323	Deep Learning	2+3+2	6
2	BSSE5324	Machine Learning	2+3+2	6
3	BSSE5325	Major Project -1		5
Total				17
<b>Semester VI</b>				
<b>S. No</b>	<b>Course Code</b>	<b>Course Title</b>	<b>LTP/Week</b>	<b>Total Credits</b>
1	BSSE6326	Reinforcement Learning	2+3+2	6
2	BSSE6327	Digital Enterpneureship	2+3+2	6
3	BSSE6328	Major Project - 2		5
Total				17




























































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































































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