

# **Mohan Lal Sukhadia University Udaipur**



## **B. Tech. Program** (Effective from session 2021-2022)

Computer Science and Engineering

Semesters III - VIII

**Course structure**

**Teaching & Examination Scheme  
Semester III**

SN	Category	Course Code	Course Title	Credit				Contact Hours				Max. Marks			
				Total	L	T	P	Total	L	T	P	End Exam Hr.	IA	ETE	Total
<b>THEORY</b>															
1	BSC	BT3CS01-CT01	Advanced Engineering Mathematics	3	3	0	0	3	3	-	-	3	30	120	150
2	HSMC	BT3CS02-CT02	Technical Communication	2	2	0	0	2	2	-	-	2	20	80	100
3	ESC	BT3CS03-CT03	Digital Electronics	3	3	0	0	3	3	-	-	3	30	120	150
4	PCC	BT3CS04-CT04	Data Structures and Algorithms	3	3	0	0	3	3	-	-	3	30	120	150
5		BT3CS05-CT05	Object Oriented Programming	3	3	0	0	3	3	-	-	3	30	120	150
6		BT3CS06-CT06	Software Engineering	3	3	0	0	3	3	-	-	3	30	120	150
<b>Total</b>				<b>17</b>	<b>17</b>	<b>0</b>	<b>0</b>	<b>17</b>	<b>17</b>	<b>0</b>	<b>0</b>	<b>-</b>	<b>170</b>	<b>680</b>	<b>850</b>
<b>PRACTICAL &amp; SESSIONAL</b>															
1	PCC	BT3CS07-CP01	Data Structures and Algorithms Lab	2	0	0	2	4	-	-	4	-	40	60	100
2		BT3CS08-CP02	Object Oriented Programming lab	2	0	0	2	4	-	-	4	-	40	60	100
3		BT3CS09-CP03	Software Engineering Lab	2	0	0	2	4	-	-	4	-	40	60	100
4	ESC	BT3CS10-CP04	Digital Electronics Lab	1	0	0	1	2	-	-	2	-	20	30	50
5	PSIT	BT3CS11-CP05	Industrial Training	1	0	0	1	2	-	-	2	-	-	-	50
<b>Total</b>				<b>8</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>16</b>	<b>0</b>	<b>0</b>	<b>16</b>	<b>-</b>	<b>140</b>	<b>210</b>	<b>-</b>
<b>Grand Total of 3rd SEM</b>				<b>25</b>				<b>32</b>				<b>-</b>	<b>310</b>	<b>890</b>	<b>1250</b>

*L: Lecture, T: Tutorial, P: Practical, Cr: Credits, ETE: End Term Exam, IA: Internal Assessment*

**Teaching & Examination Scheme  
Semester IV**

SN	Category	Course Code	Course Title	Credit				Contact Hours				Max. Marks			
				Total	L	T	P	Total	L	T	P	End Exam Hr.	IA	ETE	Total
<b>THEORY</b>															
1	BSC	BT4CS01-CT01	Discrete Mathematics Structure	3	3	0	0	3	3	-	-	3	30	120	150
2	HSMC	BT4CS02-CT02	Managerial Economics and Financial Accounting	2	2	0	0	2	2	-	-	2	20	80	100
3	ESC	BT4CS03-CT03	Microprocessor & Interfaces	3	3	0	0	3	3	-	-	3	30	120	150
4	PCC	BT4CS04-CT04	Database Management System	3	3	0	0	3	3	-	-	3	30	120	150
5		BT4CS05-CT05	Theory of Computation	3	3	0	0	3	3	-	-	3	30	120	150
6		BT4CS06-CT06	Data Communication and Computer Networks	3	3	0	0	3	3	-	-	3	30	120	150
Total				17	17	0	0	17	17	0	0	-	170	680	850
<b>PRACTICAL &amp; SESSIONAL</b>															
1	ESC	BT4CS07-CP01	Microprocessor & Interfaces Lab	1	0	0	1	2	-	-	2	-	20	30	50
2	PCC	BT4CS08-CP02	Database Management System Lab	2	0	0	2	4	-	-	4	-	40	60	100
3		BT4CS09-CP03	Network Programming Lab	2	0	0	2	4	-	-	4	-	40	60	100
4		BT4CS10-CP04	Linux Shell Programming Lab	1	0	0	1	2	-	-	2	-	20	30	50
5		BT4CS11-CP05	Java Lab	1	0	0	1	2	-	-	2	-	20	30	50
Total				7	0	-	7	14	0	0	14	-	140	210	-
<b>Grand Total of 4th SEM</b>				<b>24</b>				<b>31</b>				-	<b>310</b>	<b>890</b>	<b>1200</b>

*L: Lecture, T: Tutorial, P: Practical, Cr: Credits, ETE: End Term Exam, IA: Internal Assessment*