

# SDM College of Engineering and Technology, Dharwad – 580002

## Department of Computer Science and Engineering

### 2021 Scheme

I/II semester B. E. (Common to all Branches)

Physics cycle

Course Code	Course Category	Course Title	Teaching		Examination				
			L-T-P (Hrs/Week)	Credits	CIE	Theory (SEE)		Practical (SEE)	
					Max. Marks	Max. Marks	Duration in Hrs.	Max. Marks	Duration In Hrs.
<b>21UMAC100</b>	BS	Engineering Mathematics-I	2 - 2 - 0	3	50	100	3	-	-
<b>21UPHC100</b>	BS	Engineering Physics	3 - 0 - 0	3	50	100	3	-	-
<b>21UEEC100</b>	ES	Basic Electrical Engineering	3 - 0 - 0	3	50	100	3	-	-
<b>21UCVC100</b>	ES	Elements of Civil Engineering and Mechanics	3 - 0 - 0	3	50	100	3	-	-
<b>21UMEC100</b>	ES	Elements of Mechanical Engineering	2 - 0 - 0	2	50	50	2	-	-
<b>21UHUC100</b>	HU	<b>Functional English</b>	1 - 2 - 0	2	50	50	2	-	-
<b>21UPHL100</b>	BS	Engineering Physics Lab	0 - 0 - 2	1	50	-	-	50	2
<b>21UESL100</b>	ES	Basic Engineering Skills Lab	0 - 0 - 2	1	50	-	-	50	2
<b>21UAEE1XX</b>	AE	Ability Enhancement Course	2- 0- 0	2	50	50	2	-	-
<b>Total</b>			<b>16 – 4 - 4</b>	<b>20</b>	<b>450</b>	<b>550</b>		<b>100</b>	

## Chemistry cycle

Course Code	Course Category	Course Title	Teaching		Examination				
			L-T-P (Hrs/Week)	Credits	CIE	Theory (SEE)		Practical (SEE)	
					Max. Marks	Max. Marks	Duration in Hrs.	Max. Marks	Duration In Hrs.
<b>21UMAC100</b>	BS	Engineering Mathematics – I	2-2-0	3	50	100	3	-	-
<b>21UCYC100</b>	BS	Engineering Chemistry	3-0-0	3	50	100	3	-	-
<b>21UECC100</b>	ES	Basic Electronics	3-0-0	3	50	100	3	-	-
<b>21UCSC100</b>	ES	Problem Solving & Programming in C	3-0-0	3	50	100	3	-	-
<b>21UMGC100</b>	ES	Engineering Graphics	2-0-0	2	50	50	2	-	-
<b>21UCYL100</b>	BS	Engineering Chemistry Lab	0-0-2	1	50	-	-	50	2
<b>21UCSL100</b>	ES	Computer Programming Lab	0-0-2	1	50	-	-	50	2
<b>21UAEE1XX</b>	AE	Ability Enhancement Course	2-0-0	2	50	50	2	-	-
<b>21UHUC101</b>	HU	<b>Society, Environment and Engineering</b>	2 -0-0	2	50	50	2	-	-
<b>Total</b>			<b>17 - 2 -4</b>	<b>20</b>	<b>450</b>	<b>550</b>		100	

### III Semester

Course Code	Course Category	Course Title	Teaching		Examination				
			L-T-P (Hrs/Week)	Credits	CIE	Theory (SEE)		Practical (SEE)	
					Max. Marks	*Max. Marks	Duration in Hrs.	Max. Marks	Duration In Hrs.
21UCSM300	BS	Engg.Mathematics-III	3-0-0	3	50	100	3	-	-
21UCSC300	PC	Digital Electronics	3-0-0	3	50	100	3	-	-
21UCSC301	PC	Data Structures and Applications	3-0-0	3	50	100	3	-	-
21UCSC302	PC	Computer Organization and Architecture	3-0-0	3	50	100	3	-	-
21UCSC303	PC	Operating Systems	3-0-0	3	50	100	3	-	-
21UAEE324	AE	Unix Administration and Programming	2-0-0	2	50	50	2	-	-
21UHUC300	HU	Universal Human Values - I	2-0-0	2	50	50	2	-	-
21UCSL304	PC	Digital Electronics Laboratory	0-0-3	1.5	50	-	-	50	3
21UCSL305	PC	Data Structures and Applications Laboratory	0-0-3	1.5	50	-	-	50	3
21UHUC301	HU	Kannada	2-0-0	1	50	50	2	-	-
21UMBA301	BS	Mathematics	3-0-0	Audit	50	-	-	-	-
<b>Total</b>			<b>24-0-6</b>	<b>23</b>	<b>550</b>	<b>650</b>	<b>-</b>	<b>100</b>	<b>-</b>

### IV Semester

Course Code	Course Category	Course Title	Teaching		Examination				
			L-T-P (Hrs/Week)	Credits	CIE	Theory (SEE)		Practical (SEE)	
					Max. Marks	*Max. Marks	Duration in Hrs.	Max. Marks	Duration In Hrs.
21UCSM400	BS	Engineering Mathematics-IV	3-0-0	3	50	100	3	-	-
21UCSC400	PC	Programming Computer Peripherals and Interfacing	3-0-0	3	50	100	3	-	-
21UCSC401	PC	Object Oriented Programming	3-0-0	3	50	100	3	-	-
21UCSC402	PC	Analysis and Design of Algorithms	3-0-0	3	50	100	3	-	-
21UCSC403	PC	Software Engineering	3-0-0	3	50	100	3	-	-
21UHUA400	HU	<b>The Constitution of India and Professional Ethics.</b>	2-0-0	Audit	50	-	-	-	-
21UHUC402	HU	<b>Universal Human Values – II</b>	2-0-0	2	50	50	2	-	-
21UCSL405	PC	Object Oriented Programming Lab	0-0-3	1.5	50	-	-	50	3
21UCSL406	PC	Programming Computer Peripherals and Interfacing Lab	0-0-3	1.5	50	-	-	50	3
21UCSL407	PC	Introductory Project	0-0-2	1	50	-	-	-	-
21UMBA401	BS	Mathematics	3-0-0	Audit	50	-	-	-	-
<b>Total</b>			<b>22-0-8</b>	<b>21</b>	<b>550</b>	<b>550</b>		<b>100</b>	

