

**Diploma Computer Engineering Scheme of Curriculum  
W.E.F:2019-2020**

<b>Course Code</b>	<b>Course Name</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>CREDIT</b>
<b>Semester-I</b>					
02000101	Mathematics-I	3	1	0	4
02000102	English Communication And Life Skills-I	3	0	0	3
02000103	Applied Science (Chemistry)	3	1	2	5
02010101	Engineering Mechanics	3	0	2	4
02010102	Workshop	0	0	8	4
02020101	Basics of Civil Engineering	3	0	2	4
02050101	Basics of Electrical Engineering	3	0	2	4
	<b>TOTAL</b>	<b>18</b>	<b>2</b>	<b>16</b>	<b>28</b>
<b>Semester-II</b>					
02000201	Mathematics-II	3	1	0	4
02000202	English Communication And Life Skills-II	3	0	0	3
02000203	Applied Science (Physics)	3	1	2	5
02000204	Environmental Science	4	0	0	4
02010201	Basics of Mechanical Engineering	3	0	2	4
02010202	Basics of Engineering Graphics	2	0	4	4
02080201	Computer Fundamentals And Programming	3	0	2	4
	<b>TOTAL</b>	<b>21</b>	<b>2</b>	<b>10</b>	<b>28</b>
<b>Semester-III</b>					
02000301	English Communication And Life Skills-III	3	1	0	4
02080301	Programming In C++	3	1	0	4
02070301	Database Management System	3	1	0	4

02070302	Data Structure Management	3	1	0	4
02070303	Basics of Operating System	3	1	0	4
02060301	Basics Of Digital Electronics	0	0	4	2
	<b>TOTAL</b>	<b>15</b>	<b>5</b>	<b>4</b>	<b>22</b>
<b>Semester-IV</b>					
02000401	English Communication And Life Skills-IV	3	0	0	3
02060402	Basics of Microprocessors & Its Architecture	3	0	2	4
02070401	Data Communication & Network	3	0	2	4
02070401	Computer Workshop	0	0	4	2
02070403	Introduction to Computer Organization & Archi	3	0	0	3
02070404	Basics Of Computer Graphics	3	0	2	4
	<b>TOTAL</b>	<b>15</b>	<b>0</b>	<b>10</b>	<b>20</b>
<b>Semester-V</b>					
02080501	Object Oriented Programming With Java	3	0	2	4
02080502	Visual Basic Programming	3	0	2	4
02080503	System Analysis And Design	3	0	2	4
02070501	Introduction To Cryptography	3	1	0	4
02000501	Basics Of Management	3	0	0	3
02080504	Project-I	0	0	8	4
	<b>TOTAL</b>	<b>15</b>	<b>1</b>	<b>14</b>	<b>23</b>
<b>Semester-VI</b>					
02080604	Linux Programming	3	0	2	4
02080602	Microsoft Server Technology	3	0	2	4
02080606	Project-II	0	0	-	8
02080603	Open Source Technology With Lamp	3	0	2	4
	<b>ELECTIVE-1</b>				
02080601	Advanced Java Programming	3	0	2	4
02080605	E-Commerce	3	0	0	3
	<b>TOTAL</b>	<b>15</b>	<b>0</b>	<b>8</b>	<b>27</b>