



## UG COURSE STRUCTURE FOR 2023-2024

(Students admitted from this academic year)

S. No	Course Code	Category	Course Title	Contact Hours	CREDITS
<b>SEMESTER I</b>					
<b>THEORY</b>					
1		Humanities and Social Sciences including Management		2	2
2		Basic Science Course		3	3
3		Basic Science Course		4	4
4		Basic Science Courses		4	4
5		Mandatory Course	Induction program	3 weeks	-
<b>PRACTICAL</b>					
6		Humanities and Social Sciences including Management		2	1
7		Basic Science Course		2	1
8		Basic Science Courses		2	1
<b>TOTAL</b>				<b>23</b>	<b>18</b>
<b>SEMESTER II</b>					
<b>THEORY</b>					
1		Basic Science Course		2	2
2		Basic Science Course		4	4
3		Engineering Science Course		4	4
4		Engineering Science Course		3	3
5		Mandatory Course		2	0
6		Humanities and Social Sciences	Gender sensitivity	2	-
<b>PRACTICAL</b>					
7		Humanities and Social Sciences including Management		2	1
8		Engineering Science Course		2	1



9		Engineering Science Course		2	1
10		Engineering Science Course		5	3
<b>TOTAL</b>				<b>28</b>	<b>18</b>
<b>SEMESTER III</b>					
<b>THEORY</b>					
1		Basic Science Course		4	4
2		Professional Core Course		3	3
3		Professional Core Course		3	3
4		Professional Core Course		4	4
5		Engineering Science Course		3	3
6		Engineering Science Course		3	3
7		Employment Opportunity Course	Value Added Training Program - 1	-	-
8		Industrial Visit	Industrial Visit - I	-	-
<b>PRACTICAL</b>					
9		Humanities and Social Sciences including Management		2	1
10		Engineering Science Course		2	1
11		Engineering Science Course		2	1
12		Professional Lab		3	2
<b>TOTAL</b>				<b>29</b>	<b>25</b>
<b>SEMESTER IV</b>					
<b>THEORY</b>					
1		Professional Core Course		3	3
2		Professional Core Course		3	3
3		Professional Core Course		4	4
4		Professional Core Course		3	3
5		Humanities And Social Sciences Including Management		3	3
6		Open Elective Course	OEC - I	3	3



7		Employment Opportunity course	Value Added Training Program - II	-	-
8		Industrial Visit	Industrial Visit - II	-	-
<b>PRACTICAL</b>					
9		Humanities And Social sciences Including Management		2	1
10		Professional Lab		3	2
11		Professional Lab		2	1
<b>TOTAL</b>				<b>26</b>	<b>23</b>
<b>SEMESTER V</b>					
<b>THEORY</b>					
1		Basic Science Course		2	2
2		Professional Core Course		4	4
3		Professional Core Course		4	4
4		Engineering Science Course		3	3
5		Professional Core elective	PEC - I	3	3
6		Open Elective Course	OEC - II	3	3
7		Mandatory Course		2	0
8		Employment Opportunity course	Value Added Training Program - III	-	-
<b>PRACTICAL</b>					
10		Engineering Science course		2	1
11		Professional Lab		2	1
12		Professional Lab		2	1
13		PROJ	Internship – I	0	1
<b>TOTAL</b>				<b>27</b>	<b>23</b>
<b>SEMESTER VI</b>					
<b>THEORY</b>					
1		Professional Core Course		3	3
2		Professional Core Course		4	4
3		Professional Core Course		4	4
4		Professional Core elective	PEC - II	3	3
5		Professional Core elective	PEC - III	3	3
6		Open Elective Course	OEC - III	3	3



7		Mandatory Course		2	0
8		Employment Opportunity course		-	-
9		Employment Opportunity course	Value Added Training Program - IV	-	-
10		Industrial Visit	Industrial Visit - IV	-	-
<b>PRACTICAL</b>					
11		Professional Lab		2	1
12		Professional Lab		2	1
<b>TOTAL</b>				<b>26</b>	<b>22</b>
<b>SEMESTER VII</b>					
1		Professional Core Course		3	3
2		Professional Core elective	PEC - IV	3	3
3		Professional Core elective	PEC - V	3	3
4		Professional Core elective	PEC - VI	3	3
5		Open Elective Course	OEC - IV	3	3
6		Employment Opportunity course	Finishing School Training - II	-	-
7		Employment Opportunity course	Value Added Training Program - V	-	-
8		Industrial Visit	Industrial Visit - V	-	-
<b>PRACTICAL</b>					
9		Professional Lab		2	1
10		Professional Lab		2	1
11		PROJ	Mini Project	4	2
12		PROJ	Internship - II	0	1
<b>TOTAL</b>				<b>23</b>	<b>20</b>
<b>SEMESTER VIII</b>					
<b>THEORY</b>					
1		PROJ	Major Project / Industry Internship Project	22	11
<b>TOTAL</b>				<b>22</b>	<b>11</b>
<b>GRAND TOTAL</b>				<b>204</b>	<b>160</b>