

## Civil Technology (64)

### 1<sup>st</sup> Semester

Sl. No	Subject code	Name of the subject	T P C			MARKS				
						Theory		Practical		Total
						Cont. assess	Final exam.	Cont. assess	Final exam.	
1	1011	Engineering Drawing	0	6	2	-	-	50	50	100
2	5711	Bangla	2	2	3	20	80	50	-	150
3	5712	English -1	2	0	2	20	80	-	-	100
4	5911	Mathematics -1	3	3	4	30	120	50	-	200
5	5912	Physics -1	3	3	4	30	120	25	25	200
6	6711	Basic Electricity	3	3	4	30	120	25	25	200
7	7011	Basic workshop Practice	0	6	2	-	-	50	50	100
<b>Total</b>			<b>13</b>	<b>23</b>	<b>21</b>	<b>130</b>	<b>520</b>	<b>250</b>	<b>150</b>	<b>1050</b>

## Civil Technology (64)

### 2<sup>nd</sup> Semester

Sl. No	Subject code	Name of the subject	T P C			MARKS				
						Theory		Practical		Total
						Cont. assess	Final exam.	Cont. assess	Final exam.	
1	1012	Engineering Materials	2	3	3	20	80	25	25	150
2	5722	English-2	2	2	3	20	80	50	-	150
3	5811	Social science-1	2	0	2	20	80	-	-	100
4	5921	Mathematics -2	3	3	4	30	120	50	-	200
5	5922	Physics-2	3	3	4	30	120	25	25	200
6	6621	Computer Application -1	0	6	2	-	-	50	50	100
7.	6811	Basic Electronics	2	3	3	20	80	25	25	150
<b>Total</b>			<b>14</b>	<b>20</b>	<b>21</b>	<b>140</b>	<b>560</b>	<b>225</b>	<b>125</b>	<b>1050</b>

## Civil Technology (64)

### 3<sup>rd</sup> Semester

Sl. No	Subject code	Name of the subject	T P C			MARKS				
						Theory		Practical		Total
						Cont. assess	Final exam.	Cont. assess	Final exam.	
1	6431	Civil Engineering drawing (CAD)-1	1	6	3	10	40	50	50	150
2	6432	Surveying-1	2	6	4	20	80	50	50	200
3	6433	Structural Mechanics	3	3	4	30	120	25	25	200
4	5931	Mathematics - -3	3	3	4	30	120	50	-	200
5	5913	Chemistry	3	3	4	30	120	25	25	200
6	5821	Social Science-2	2	0	2	20	80	-	-	100
7	5812	Physical Education and Life Skill Development	0	2	1	-	-	25	25	50
<b>Total</b>			<b>14</b>	<b>23</b>	<b>22</b>	<b>140</b>	<b>560</b>	<b>225</b>	<b>175</b>	<b>1100</b>

## Civil Technology (64)

### 4<sup>th</sup> Semester

Sl. No	Subject code	Name of the subject	T P C			MARKS				
						Theory		Practical		Total
						Cont. assess	Final exam.	Cont. assess	Final exam.	
1	6443	Surveying-2	2	6	4	20	80	50	50	200
2	6442	Estimating & Costing-1	3	3	4	30	120	25	25	200
3	6441	Geotechnical Engineering.	2	3	3	20	80	25	25	150
4	6444	Construction Process-1	3	3	4	30	120	25	25	200
5	6445	Hydraulic	3	3	4	30	120	25	25	200
6	6632	Computer Application-2	0	6	2	-	-	50	50	100
7	5841	Business Organization & Communication	2	0	2	20	80	-	-	100
<b>Total</b>			<b>15</b>	<b>24</b>	<b>23</b>	<b>150</b>	<b>600</b>	<b>200</b>	<b>200</b>	<b>1150</b>

## Civil Technology (64)

### 5<sup>th</sup> Semester

Sl. No	Subject code	Name of the subject	T P C			MARKS				
						Theory		Practical		Total
						Cont. assess	Final exam.	Cont. assess	Final exam.	
1	6451	Foundation Engineering.	2	3	3	20	80	25	25	150
2	6452	Surveying -3	2	6	4	20	80	50	50	200
3	6453	Environmental Engineering-1	2	3	3	20	80	25	25	150
4	6454	Theory of Structure	3	3	4	30	120	25	25	200
5	6455	Construction process-2	3	3	4	30	120	25	25	200
6	5840	Environmental Management	2	0	2	20	80	-	-	100
7	5851	Book keeping & Accounting	2	0	2	20	80	-	-	100
<b>Total</b>			<b>16</b>	<b>18</b>	<b>22</b>	<b>160</b>	<b>640</b>	<b>150</b>	<b>150</b>	<b>1100</b>

## Civil Technology (64)

### 6<sup>th</sup> Semester

Sl. No	Subject code	Name of the subject	T P C			MARKS				
						Theory		Practical		Total
						Cont. assess	Final exam.	Cont. assess	Final exam.	
1	6464	Advance Surveying	2	6	4	20	80	50	50	200
2	6462	Transportation Engg-1	2	3	3	20	80	25	25	150
3	6463	Design of Structure -1	3	3	4	30	120	25	25	200
4	6461	Civil Engineering Drawing (CAD)-2	2	6	4	20	80	50	50	200
5	6465	Construction Management	2	3	3	20	80	25	25	150
6	6659	Programming in C	2	3	3	20	80	25	25	150
7	5852	Industrial Management	2	0	2	20	80	-	-	100
<b>Total</b>			<b>15</b>	<b>24</b>	<b>23</b>	<b>150</b>	<b>600</b>	<b>200</b>	<b>200</b>	<b>1150</b>

## Civil Technology (64)

7<sup>th</sup> Semester

Sl. No	Subject code	Name of the subject	T P C			MARKS				
						Theory		Practical		Total
						Cont. assess	Final exam.	Cont. assess	Final exam.	
1	6471	Estimating and Costing -2	3	3	4	30	120	25	25	200
2	6472	Environmental Engineering-2	2	3	3	20	80	25	25	150
3	6473	Transportation Engg-2	2	3	3	20	80	25	25	150
4	6474	Design of Structure -2	3	3	4	30	120	25	25	200
5	6475	Hydrology & Water Resources Engineering	3	3	4	30	120	25	25	200
6	6476	Civil Engineering Project	0	6	2	-	-	50	50	100
7	5853	Entrepreneurship	2	0	2	20	80	-	-	100
<b>Total</b>			<b>15</b>	<b>21</b>	<b>22</b>	<b>150</b>	<b>600</b>	<b>175</b>	<b>175</b>	<b>1100</b>

## Civil Technology (64)

8<sup>th</sup> Semester

Sl. No	Subject code	Name of the subject	T P C			MARKS				
						Theory		Practical		Total
						Cont. assess	Final exam.	Cont. assess	Final exam.	
1	3678	Industrial Training			6			180	120	300
<b>Total</b>					<b>6</b>					<b>300</b>

**Total Credit: 21+21+22+23+22+23+22+06 =160**

## COMPUTER TECHNOLOGY (66) FIRST SEMESTER

Sl. No	Subject code	Name of the subject	T P C			MARKS				
						Theory		Practical		Total
						Cont. assess	Final exam.	Cont. assess	Final exam.	
1	1011	Engineering Drawing	0	6	2	-	-	50	50	100
2	5712	English -1	2	0	2	20	80	-	-	100
3	5911	Mathematics-1	3	3	4	30	120	50	-	200
4	5913	Chemistry	3	3	4	30	120	25	25	200
5	6611	Computer Fundamental	2	3	3	20	80	25	25	150
6	6711	Basic Electricity	3	3	4	30	120	25	25	200
7	6811	Basic Electronics	2	3	3	20	80	25	25	150
		<b>Total</b>	<b>15</b>	<b>21</b>	<b>22</b>	<b>150</b>	<b>600</b>	<b>200</b>	<b>150</b>	<b>1100</b>

## COMPUTER TECHNOLOGY (66) SECOND SEMESTER

Sl. No	Subject code	Name of the subject	T P C			MARKS				
						Theory		Practical		Total
						Cont. assess	Final exam.	Cont. assess	Final exam.	
1	5722	English -2	2	2	3	20	80	50	-	150
2	5812	Physical Education & Life Skill Development	0	2	1	-	-	25	25	50
3	5912	Physics-1	3	3	4	30	120	25	25	200
4	5921	Mathematics -2	3	3	4	30	120	50	-	200
5.	6621	Computer Application -1	0	6	2	-	-	50	50	100
6	5711	Bangla	2	2	3	20	80	50	-	150
7.	6821	Electronic Device & Circuits -1	3	3	4	30	120	25	25	200
8	7011	Basic Workshop practice	0	6	2	-	-	50	50	100
		<b>Total</b>	<b>13</b>	<b>27</b>	<b>23</b>	<b>130</b>	<b>520</b>	<b>325</b>	<b>175</b>	<b>1150</b>

**COMPUTER TECHNOLOGY (66)**  
**THIRD SEMESTER**

Sl. No	Subject code	Name of the subject	T P C			MARKS				
						Theory		Practical		Total
						Cont. assess	Final exam.	Cont. assess	Final exam.	
1	6622	Programming Language-I	2	3	3	20	80	25	25	150
2	6632	Computer Application-II	0	6	2	-	-	50	50	100
3	6841	Digital Electronics-1	3	3	4	30	120	25	25	200
4	6832	Industrial Electronics	2	3	3	20	80	25	25	150
5	5931	Mathematics-III	3	3	4	30	120	50	-	200
6	5922	Physics-2	3	3	4	30	120	25	25	200
7	5811	Social Science-1	2	0	2	20	80	-	-	100
		<b>Total</b>	<b>15</b>	<b>21</b>	<b>22</b>					<b>1100</b>

**COMPUTER TECHNOLOGY (66)**  
**FOURTH SEMESTER**

Sl. No	Subject code	Name of the subject	T P C			MARKS				
						Theory		Practical		Total
						Cont. assess	Final exam.	Cont. assess	Final exam.	
1.	6642	Programming Language-2	2	6	4	20	80	50	50	200
2.	6645	CAD & Graphic Design	0	6	2	-	-	50	50	100
3.	6844	Digital Electronics-2	3	3	4	30	120	25	25	200
4	6631	Data Structure & Algorithm	2	3	3	20	80	25	25	150
5.	6745	Electrical Circuits & Machines	2	3	3	20	80	25	25	150
6.	5942	Discrete Mathematics	2	0	2	20	80	-	-	100
7.	5821	Social Science-II	2	0	2	20	80	-	-	100
		<b>Total</b>	<b>14</b>	<b>21</b>	<b>20</b>					<b>1000</b>

**COMPUTER TECHNOLOGY (66)**  
**FIFTH SEMESTER**

Sl. No	Subject code	Name of the subject	T P C			MARKS				
						Theory		Practical		Total
						Cont. assess	Final exam.	Cont. assess	Final exam.	
1.	6651	Microprocessor and Microcomputer-1	3	3	4	30	120	25	25	200
2.	6652	Computer Architecture	3	3	4	30	120	25	25	200
3.	6653	Programming Language-3	2	6	4	20	80	50	50	200
4.	6654	Database Management System	2	6	4	20	80	50	50	200
5.	8551	Web Design	0	6	2	0	0	50	50	100
6.	5851	Book Keeping & Accounting	2	0	2	20	80	0	0	100
7.	5840	Environmental Management	2	0	2	20	80	0	0	100
<b>Total</b>			<b>14</b>	<b>24</b>	<b>22</b>	<b>140</b>	<b>560</b>	<b>200</b>	<b>200</b>	<b>1100</b>

**COMPUTER TECHNOLOGY (66)**  
**SIXTH SEMESTER**

Sl. No	Subject code	Name of the subject	T P C			MARKS				
						Theory		Practical		Total
						Cont. assess	Final exam.	Cont. assess	Final exam.	
1.	6661	Microprocessor and Microcomputer-2	3	3	4	30	120	25	25	200
2.	6662	Computer Peripherals	3	3	4	30	120	25	25	200
3.	6663	Data Communication and Computer Network-1	2	6	4	20	80	50	50	200
4.	6664	Computer System Software	2	3	3	20	80	25	25	150
5.	6665	Computer Servicing	0	6	2	0	0	50	50	100
6.	8563	Web Development	0	6	2	0	0	50	50	100
7.	5841	Business organization & Communication	2	0	2	20	80	0	0	100
<b>Total</b>			<b>12</b>	<b>27</b>	<b>21</b>	<b>120</b>	<b>480</b>	<b>225</b>	<b>225</b>	<b>1050</b>

**COMPUTER TECHNOLOGY (66)**  
**SEVENTH SEMESTER**

Sl. No	Subject code	Name of the subject	T P C			MARKS				
						Theory		Practical		Total
						Cont. assess	Final exam.	Cont. assess	Final exam.	
1.	6671	Embedded Systems & PLC	2	6	4	20	80	50	50	200
2.	8572	Multimedia and Graphics	3	3	4	30	120	25	25	200
3.	6672	System Analysis and Design and Development	2	3	3	20	80	25	25	150
4.	6673	Data Communication and Network -2	2	6	4	20	80	50	50	200
5.	6674	Computer Engineering Project	0	6	2	0	0	50	50	100
6.	5852	Industrial Management	2	0	2	20	80	-	-	100
7.	5853	Entrepreneurship	2	0	2	20	80	-	-	100
<b>Total</b>			<b>13</b>	<b>24</b>	<b>21</b>	<b>130</b>	<b>520</b>	<b>200</b>	<b>200</b>	<b>1050</b>

**COMPUTER TECHNOLOGY (66)**  
**EIGHTH SEMESTER**

Sl. No	Subject code	Name of the subject	T P C			MARKS				
						Theory		Practical		Total
						Cont. assess	Final exam.	Cont. assess	Final exam.	
	6681	Industrial Training	0	0	6	-	-	180	120	300
<b>Total</b>										<b>300</b>

**Total Credit: 22+23+22+20+22+21+21+06 =157**

## ELECTRICAL TECHNOLOGY (67)

1<sup>st</sup> Semester

Sl. No	Subject code	Name of the subject	T P C			MARKS				
						Theory		Practical		Total
						Cont. assess	Final exam.	Cont. assess	Final exam.	
1	1011	Engineering. Drawing	0	6	2	-	-	50	50	100
2	1012	Engineering. Materials	2	3	3	20	80	25	25	150
3	5712	English-1	2	0	2	20	80	-	-	100
4	5812	Physical Education.& Life Skill Development	0	2	1	-	-	25	25	50
5	5911	Mathematics-1	3	3	4	30	120	50	-	200
6	5913	Chemistry	3	3	4	30	120	25	25	200
7	6711	Basic Electricity	3	3	4	30	120	25	25	200
<b>Total</b>			<b>13</b>	<b>22</b>	<b>20</b>	<b>130</b>	<b>520</b>	<b>200</b>	<b>150</b>	<b>1000</b>

## ELECTRICAL TECHNOLOGY (67)

2<sup>nd</sup> Semester

Sl. No	Subject code	Name of the subject	T P C			MARKS				
						Theory		Practical		Total
						Cont. assess	Final exam.	Cont. assess	Final exam.	
1	5722	English-2	2	2	3	20	80	50	-	150
2	5912	Physics-1	3	3	4	30	120	25	25	200
3	5921	Mathematics-2	3	3	4	30	120	50	-	200
4	6621	Computer Application-1	0	6	2	-	-	50	50	100
5	6721	Electrical Circuit-1	3	3	4	30	120	25	25	200
6	6722	Advanced Electricity	3	3	4	30	120	25	25	200
7	7011	Basic Workshop Practice	0	6	2	-	-	50	50	100
<b>Total</b>			<b>14</b>	<b>26</b>	<b>23</b>	<b>140</b>	<b>560</b>	<b>275</b>	<b>175</b>	<b>1150</b>

## ELECTRICAL TECHNOLOGY (67)

3<sup>rd</sup> Semester

Sl. No	Subject code	Name of the subject	T P C			MARKS				
						Theory		Practical		Total
						Cont. assess	Final exam.	Cont. assess	Final exam.	
1	6731	Electrical Circuit -2	3	3	4	30	120	25	25	200
2	6811	Basic Electronics	2	3	3	20	80	25	25	150
3	6632	Computer Application -2	0	6	2	-	-	50	50	100
4	5931	Mathematics-3	3	3	4	30	120	50	-	200
5	5922	Physic-2	3	3	4	30	120	25	25	200
6	5711	Bangla	2	2	3	20	80	50	-	150
7	5811	Social Science-1	2	0	2	20	80	-	-	100
<b>Total</b>			<b>15</b>	<b>18</b>	<b>22</b>					<b>1100</b>

## ELECTRICAL TECHNOLOGY (67)

4<sup>th</sup> semester

Sl. No	Subject code	Name of the subject	T P C			MARKS				
						Theory		Practical		Total
						Cont. assess	Final exam.	Cont. assess	Final exam.	
1	6741	Electrical. Appliances	2	6	4	20	80	50	50	200
2	6742	Elec. Installation, Planning & Estimating	2	6	4	20	80	50	50	200
3	6845	Adv. Electronics	3	3	4	30	120	25	25	200
4	5941	Applied Mathematics	3	3	4	30	120	25	25	200
5	6743	Electrical Engineering. Drawing	0	6	2	0	0	50	50	100
6	5841	Business organization & Communication	2	0	2	20	80	0	0	100
7	5821	Social Science-2	2	0	2	20	80	0	0	100
<b>Total</b>			<b>14</b>	<b>24</b>	<b>22</b>					<b>1100</b>

## ELECTRICAL TECHNOLOGY (67)

### 5<sup>th</sup> Semester

Sl. No	Subject code	Name of the subject	T P C			MARKS				Total
						Theory		Practical		
						Cont. assess	Final exam.	Cont. assess	Final exam.	
1	6751	Generation of Electrical. Energy	3	3	4	30	120	25	25	200
2	6752	DC Machine	3	3	4	30	120	25	25	200
3	6753	Electrical and Electronic Measurements-1	2	3	3	20	80	25	25	150
4	6855	Industrial Power Electronics	2	3	3	20	80	25	25	150
5	7043	Applied Mechanics	2	3	3	20	80	25	25	150
6	7046	Hydraulics & Hydraulic Machinery	3	3	4	30	120	25	25	200
7	5851	Book keeping and Accounting	2	0	2	20	80	0	0	100
<b>Total</b>			<b>17</b>	<b>18</b>	<b>23</b>	<b>170</b>	<b>680</b>	<b>150</b>	<b>150</b>	<b>1150</b>

## ELECTRICAL TECHNOLOGY (67)

### 6<sup>th</sup> Semester

Sl. No	Subject code	Name of the subject	T P C			MARKS				Total
						Theory		Practical		
						Cont. assess	Final exam.	Cont. assess	Final exam.	
1	6761	A.C Machine-1	3	3	4	30	120	25	25	200
2	6762	Electrical and Electronic Measurements -2	3	3	4	30	120	25	25	200
3	6763	Transmission and Distribution of Electrical Energy-1	3	3	4	30	120	25	25	200
4	6866	Digital Electronics & Microprocessors.	3	3	4	30	120	25	25	200
5	5840	Environmental Management	2	0	2	20	80	0	0	100
6	5852	Industrial Management	2	0	2	20	80	0	0	100
7	6867	Communication Engineering	3	3	4	30	120	25	25	200
<b>Total</b>			<b>19</b>	<b>15</b>	<b>24</b>					<b>1200</b>

**ELECTRICAL TECHNOLOGY (67)**  
7<sup>th</sup> Semester

Sl. No	Subject code	Name of the subject	T P C			MARKS				
						Theory		Practical		Total
						Cont. assess	Final exam.	Cont. assess	Final exam.	
1	6771	A.C Machine-2	3	3	4	30	120	25	25	200
2	6772	Electrical Engineering project	0	6	2	-	-	50	50	100
3	6773	Switch gear & Protection	3	3	4	30	120	25	25	200
4	6774	Transmission and Distribution of Electrical Energy-2	3	3	4	30	120	25	25	200
5	6863	Instrumentation and process control	3	3	4	30	120	25	25	200
6	6659	Programming in C	2	3	3	20	80	25	25	150
7	5853	Entrepreneurship	2	0	2	20	80	-	-	100
Total			<b>19</b>	<b>15</b>	<b>23</b>					<b>1150</b>

**ELECTRICAL TECHNOLOGY (67)**  
8<sup>th</sup> Semester

Sl. No	Subject code	Name of the subject	T P C			MARKS				
						Theory		Practical		Total
						Cont. assess	Final exam.	Cont. assess	Final exam.	
1.	6781	Industrial Training	0	0	6	0	0	150	150	300
Total					<b>6</b>					<b>300</b>

**Total Credit: 20+23+22+22+23+24+23+06 =163**