

| Sem | Sub.Code | Subject Name              | L         | T        | P        | Perio<br>d.per<br>week | Max<br>marks<br>theory | Pape<br>r | Colleg<br>e<br>Asses. | Max<br>marks<br>pract | Pract<br>Asses. | Colleg<br>e<br>Asses. | Paper<br>Duratio<br>n |
|-----|----------|---------------------------|-----------|----------|----------|------------------------|------------------------|-----------|-----------------------|-----------------------|-----------------|-----------------------|-----------------------|
| 4   | 4-ET-4   | Electromagnetic Fields    | 4         | 1        | 0        | 5                      | 100                    | 80        | 20                    |                       |                 |                       | 3 Period              |
| 4   | 4-ET-5   | Basic Electrical Machines | 4         | 1        | 2        | 7                      | 100                    | 80        | 20                    | 50                    | 25              | 25                    | 3 Period              |
|     |          | <b>Total</b>              | <b>19</b> | <b>5</b> | <b>4</b> | <b>28</b>              | <b>500</b>             |           |                       | <b>100</b>            |                 |                       | <b>Total<br/>600</b>  |

| Sem | Sub.Code | Subject Name                        | L         | T        | P        | Perio<br>d.per<br>week | Max<br>marks<br>theory | Pape<br>r | Colleg<br>e<br>Asses. | Max<br>marks<br>pract | Pract<br>Asses. | Colleg<br>e<br>Asses. | Paper<br>Duratio<br>n |
|-----|----------|-------------------------------------|-----------|----------|----------|------------------------|------------------------|-----------|-----------------------|-----------------------|-----------------|-----------------------|-----------------------|
| 5   | 5-ET-1   | Engineering Eco. & Indl. Management | 3         | 1        | 0        | 4                      | 100                    | 80        | 20                    |                       |                 |                       | 3 Period              |
| 5   | 5-ET-2   | Linear Electronic Circuits          | 4         | 1        | 2        | 7                      | 100                    | 80        | 20                    | 50                    | 25              | 25                    | 3 Period              |
| 5   | 5-ET-3   | Signal And Systems                  | 4         | 1        | 0        | 5                      | 100                    | 80        | 20                    |                       |                 |                       | 3 Period              |
| 5   | 5-ET-4   | Power Electronics                   | 4         | 1        | 2        | 7                      | 100                    | 80        | 20                    | 50                    | 25              | 25                    | 3 Period              |
| 5   | 5-ET-5   | Microprocessor Interfacing          | 4         | 1        | 2        | 7                      | 100                    | 80        | 20                    | 50                    | 25              | 25                    | 3 Period              |
|     |          | <b>Total</b>                        | <b>19</b> | <b>5</b> | <b>6</b> | <b>30</b>              | <b>500</b>             |           |                       | <b>150</b>            |                 |                       | <b>Total<br/>650</b>  |

8.3.d SEMESTER PATTERN – BRANCH : ELECTRONICS AND TELECOMMUNICATION ENGINEERING, Direction No. 4 of 2001

| Sem | Sub.Code | Subject Name                 | L         | T        | P        | Perio<br>d.per<br>week | Max<br>marks<br>theory | Pape<br>r | Colleg<br>e<br>Asses. | Max<br>marks<br>pract | Pract<br>Asses. | Colleg<br>e<br>Asses. | Paper<br>Duratio<br>n |
|-----|----------|------------------------------|-----------|----------|----------|------------------------|------------------------|-----------|-----------------------|-----------------------|-----------------|-----------------------|-----------------------|
| 6   | 6-ET-1   | Fields And Radiating Systems | 4         | 1        | 0        | 5                      | 100                    | 80        | 20                    |                       |                 |                       | 3 Period              |
| 6   | 6-ET-2   | Control System Engineering   | 4         | 1        | 2        | 7                      | 100                    | 80        | 20                    | 50                    | 25              | 25                    | 3 Period              |
| 6   | 6-ET-3   | Line Communication           | 4         | 1        | 0        | 5                      | 100                    | 80        | 20                    |                       |                 |                       | 3 Period              |
| 6   | 6-ET-4   | Communication Electronics    | 4         | 1        | 2        | 7                      | 100                    | 80        | 20                    | 50                    | 25              | 25                    | 3 Period              |
| 6   | 6-ET-5   | Computer Organization        | 4         | 1        | 0        | 5                      | 100                    | 80        | 20                    |                       |                 |                       | 3 Period              |
| 6   | 6-ET-6   | Electronic Workshop Practice | 0         | 0        | 2        | 2                      |                        |           |                       | 50                    | 25              | 25                    |                       |
|     |          | <b>Total</b>                 | <b>20</b> | <b>5</b> | <b>6</b> | <b>31</b>              | <b>500</b>             |           |                       | <b>150</b>            |                 |                       | <b>Total<br/>650</b>  |

| Sem | Sub.Code | Subject Name                          | L         | T        | P        | Perio<br>d.per<br>week | Max<br>marks<br>theory | Pape<br>r | Colleg<br>e<br>Asses. | Max<br>marks<br>pract | Pract<br>Asses. | Colleg<br>e<br>Asses. | Paper<br>Duratio<br>n |
|-----|----------|---------------------------------------|-----------|----------|----------|------------------------|------------------------|-----------|-----------------------|-----------------------|-----------------|-----------------------|-----------------------|
| 7   | 7-ET-1   | Television Engineering                | 4         | 1        | 2        | 7                      | 100                    | 80        | 20                    | 50                    | 25              | 25                    | 3 Period              |
| 7   | 7-ET-2   | Advanced Microprocessor & Peripherals | 4         | 1        | 2        | 7                      | 100                    | 80        | 20                    | 50                    | 25              | 25                    | 3 Period              |
| 7   | 7-ET-3   | Digital Signal Processing             | 4         | 1        | 2        | 7                      | 100                    | 80        | 20                    | 50                    | 25              | 25                    | 3 Period              |
| 7   | 7-ET-4   | Digital Communication                 | 4         | 1        | 0        | 5                      | 100                    | 80        | 20                    |                       |                 |                       | 3 Period              |
| 7   | 7-ET-5   | Elective-I                            | 4         | 1        | 0        | 5                      | 100                    | 80        | 20                    |                       |                 |                       | 3 Period              |
| 7   | 7-ET-6   | Project Seminar                       | 0         | 0        | 3        | 3                      |                        |           |                       | 50                    |                 | 50                    |                       |
|     |          | <b>Total</b>                          | <b>20</b> | <b>5</b> | <b>9</b> | <b>34</b>              | <b>500</b>             |           |                       | <b>200</b>            |                 |                       | <b>Total<br/>700</b>  |

Signature  
14/05/18

| Sem | Sub.Code | Subject Name             | L         | T        | P         | Period per week | Max marks theory | Paper | College Asses. | Max marks pract | Pract Asses. | College Asses. | Paper Duration   |
|-----|----------|--------------------------|-----------|----------|-----------|-----------------|------------------|-------|----------------|-----------------|--------------|----------------|------------------|
| 8   | 8-ET-1   | Electronic System Design | 4         | 1        | 2         | 7               | 100              | 80    | 20             | 50              | 25           | 25             | 3 Period         |
| 8   | 8-ET-2   | UHF And Microwave        | 4         | 1        | 2         | 7               | 100              | 80    | 20             | 50              | 25           | 25             | 3 Period         |
| 8   | 8-ET-3   | Mobile Communication     | 4         | 1        | 0         | 5               | 100              | 80    | 20             |                 |              |                | 3 Period         |
| 8   | 8-ET-4   | Optical Communication    | 4         | 1        | 0         | 5               | 100              | 80    | 20             |                 |              |                | 3 Period         |
| 8   | 8-ET-5   | Elective-II              | 4         | 1        | 0         | 5               | 100              | 80    | 20             |                 |              |                | 3 Period         |
| 8   | 8-ET-6   | Project                  | 0         | 0        | 6         | 6               |                  |       |                | 150             | 75           | 75             |                  |
|     |          | <b>Total</b>             | <b>20</b> | <b>5</b> | <b>10</b> | <b>35</b>       | <b>500</b>       |       |                | <b>250</b>      |              |                | <b>Total 750</b> |

**ELECTIVE-I**

- 11 Digital System Design
- 21 Radar Engineering
- 31 Satellite Communications

**ELECTIVE-II**

- 11 Digital Image Processing
- 21 Computer Communication & Networks
- 31 Fuzzy logic and neural network

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14/10/18