

**SECOND YEAR: ELECTRONICS AND
COMMUNICATION ENGINEERING
SCHEME OF INSTRUCTION AND EXAMINATION
(RC 2016-17)**

SEMESTER – III

| Subject Code | Name of the Subject | Scheme of Instruction Hrs/Week | | | Scheme of Examination | | | | | | |
|----------------|------------------------------------|-----------------------------------|----------|----------|-----------------------|------------|------------|-----------|-----------|-----------|------------|
| | | L | T | P# | ThDur (Hrs) | Marks | | | | | |
| | | | | | | Th | S | TW | P | O | Total |
| ETC/ECE 3.1 | Applied Mathematics-III | 4 | -- | -- | 3 | 100 | 25 | -- | -- | -- | 125 |
| ETC/ECE 3.2 | Economics and Management | 4 | -- | -- | 3 | 100 | 25 | -- | -- | -- | 125 |
| ETC/ECE 3.3 | Algorithms for Data Structures | 3 | 1 | 2 | 3 | 100 | 25 | 25 | -- | -- | 150 |
| ETC/ECE 3.4 | Electronic Devices and Circuits –I | 3 | 1 | 2 | 3 | 100 | 25 | -- | 25 | -- | 150 |
| ETC/ECE 3.5 | Digital System Design | 3 | 1 | 2 | 3 | 100 | 25 | -- | 25 | -- | 150 |
| ETC/ECE 3.6 | Electrical Circuits and Systems | 3 | 1 | 2 | 3 | 100 | 25 | -- | -- | 25 | 150 |
| | TOTAL | 20 | 4 | 8 | | 600 | 150 | 25 | 50 | 25 | 850 |

#A candidate is considered to have successfully fulfilled the requirement of a semester, provided he/ she submits to the department a certified journal reporting the experiments conducted during the semester.

**SECOND YEAR: ELECTRONICS AND
COMMUNICATION ENGINEERING**

SCHEME OF INSTRUCTION AND EXAMINATION

(RC 2016-17)

SEMESTER – IV

| Subject Code | Name of the Subject | Scheme of Instruction Hrs/Week | | | Scheme of Examination | | | | | | |
|--------------|-------------------------------------|--------------------------------|----------|----------|-----------------------|------------|------------|-----------|-----------|-----------|------------|
| | | L | T | P# | ThDur (Hrs) | Marks | | | | | |
| | | | | | | Th | S | TW | P | O | Total |
| ETC/ECE 4.1 | Probability Theory and Random | 4 | -- | -- | 3 | 100 | 25 | -- | -- | -- | 125 |
| ETC/ECE 4.2 | Signals and Systems | 3 | 1 | -- | 3 | 100 | 25 | -- | -- | -- | 125 |
| ETC/ECE 4.3 | Electromagnetic Fields and Waves | 4 | -- | 2 | 3 | 100 | 25 | 25 | -- | -- | 150 |
| ETC/ECE 4.4 | Electronic Devices and Circuits –II | 3 | 1 | 2 | 3 | 100 | 25 | -- | 25 | -- | 150 |
| ETC/ECE 4.5 | Linear Integrated Circuits | 3 | 1 | 2 | 3 | 100 | 25 | -- | 25 | -- | 150 |
| ETC/ECE 4.6 | Microprocessors and Interfacing | 3 | 1 | 2 | 3 | 100 | 25 | -- | -- | 25 | 150 |
| | TOTAL | 20 | 4 | 8 | | 600 | 150 | 25 | 50 | 25 | 850 |

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