

# R.T.M.NagpurUniversity,Nagpur

## SCHEME OF EXAMINATION

B.E.ELECTRONICS&TELECOMMUNICATION/ELECTRONICS&COMMUNICATIONENGINEERING/ELECTRONICS ENGINEERING (CBCS)

(SEMESTER-III)

| Code       | Subject                                      | TeachingScheme |           |                       |       | Creditt |   |     |       | MARKS    |       |           |       |             | MINIMUMPASSINGMARKS |           |
|------------|----------------------------------------------|----------------|-----------|-----------------------|-------|---------|---|-----|-------|----------|-------|-----------|-------|-------------|---------------------|-----------|
|            |                                              | L              | Practical | Tutorial/<br>Activity | Total | L       | P | T/A | Total | Theory   |       | Practical |       | Total Marks | Theory              | Practical |
|            |                                              |                |           |                       |       |         |   |     |       | Internal | Univ. | Internal  | Univ. |             |                     |           |
| BEETC-301  | Applied Maths-III                            | 3              | -         | 1T                    | 4     | 3       | - | 1   | 4     | 30       | 70    | -         | -     | 100         | 45                  |           |
| BEETC-302T | Components for Electronic circuit design     | 3              | -         |                       | 3     | 3       | - | -   | 3     | 30       | 70    | -         | -     | 100         | 45                  |           |
| BEETC-302P | Components for Electronic circuit design Lab | -              | 2         | -                     | 2     | -       | 1 | -   | 1     | -        | -     | 25        | 25    | 50          |                     | 25        |
| BEETC-303T | Digital System Design                        | 3              | -         | 1T                    | 4     | 3       | - | 1   | 4     | 30       | 70    | -         | -     | 100         | 45                  |           |
| BEETC-303P | Digital System Design Lab                    | -              | 2         | -                     | 2     | -       | 1 | -   | 1     | -        | -     | 25        | 25    | 50          |                     | 25        |
| BEETC-304P | Network Theory                               | 3              | -         | -                     | 3     | 3       | - | -   | 3     | 30       | 70    | -         | -     | 100         | 45                  |           |
| BEETC-305T | Signal & System                              | 3              | -         | -                     | 3     | 3       | - | -   | 3     | 30       | 70    | -         | -     | 100         | 45                  |           |
| BEETC-306T | Measurement and Instrumentation              | 3              | -         | -                     | 3     | 3       | - | -   | 3     | 30       | 70    | -         | -     | 100         | 45                  |           |
| BEETC-307P | Electronics Workshop II Lab                  | -              | 2         | -                     | 2     | -       | 1 | -   | 1     | -        | -     | 25        | 25    | 50          |                     | 25        |
| BEETC-308T | Consumer affairs                             | 2              | -         |                       | 2     |         |   |     |       |          |       | -         | -     | Audit       |                     | GRADE     |
|            | Total                                        | 20             | 6         | 2T                    | 28    | 18      | 3 | 2   | 23    | 180      | 420   | 75        | 75    | 750         |                     |           |

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(Dr. P.D. Khanda)

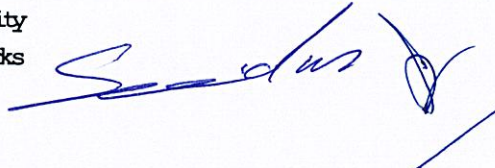
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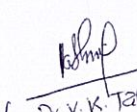
*[Signature]*  
(Dr. V.K. Taksande)

SCHEME OF EXAMINATION FOR  
B.E. ELECTRONICS & TELECOMMUNICATION / ELECTRONICS & COMMUNICATION ENGINEERING / ELECTRONICS ENGINEERING  
(SEMESTER-IV)

| Code       | Subject                                  | Teaching Scheme |           |                     |       | Credit |   |     |       | MARKS    |            |           |       |             | MINIMUM PASSING MARKS |           |
|------------|------------------------------------------|-----------------|-----------|---------------------|-------|--------|---|-----|-------|----------|------------|-----------|-------|-------------|-----------------------|-----------|
|            |                                          | L               | Practical | Tutorial / Activity | Total | L      | P | T/A | Total | Theory   |            | Practical |       | Total Marks | Theory                | Practical |
|            |                                          |                 |           |                     |       |        |   |     |       | Internal | University | Internal  | Univ. |             |                       |           |
| BEETC-401T | Microcontrollers & Applications          | 3               | -         | 1T                  | 4     | 3      | - | 1   | 4     | 30       | 70         | -         | -     | 100         | 45                    |           |
| BEETC-401P | Microcontrollers & Applications Lab      | -               | 2         | -                   | 2     | -      | 1 | -   | 1     | -        | -          | 25        | 25    | 50          |                       | 25        |
| BEETC-402T | Analog & Digital Communications          | 3               | -         | 1T                  | 4     | 3      | - | 1   | 4     | 30       | 70         | -         | -     | 100         | 45                    |           |
| BEETC-403P | Analog & Digital Electronics Lab         | -               | 2         | -                   | 2     | -      | 1 | -   | 1     | -        | -          | 25        | 25    | 50          |                       | 25        |
| BEETC-404T | Analog System Design                     | 3               | -         | 1T                  | 4     | 3      | - | 1   | 4     | 30       | 70         | -         | -     | 100         | 45                    |           |
| BEETC-405T | Data structure & Algorithm               | 3               | -         | -                   | 3     | 3      | - | -   | 3     | 30       | 70         | -         | -     | 100         | 45                    |           |
| BEETC-406T | HSC: Numerical Analysis with MATLAB      | 2               | -         | -                   | 2     | 2      | - | -   | 2     | 15       | 35         | -         | -     | 50          | 23                    |           |
| BEETC-407T | Programming for problem solving          | 2               | -         | -                   | 2     | 2      | - | -   | 2     | 15       | 35         | -         | -     | 50          | 23                    |           |
| BEETC-407P | Programming for problem solving Lab      | -               | 4         | -                   | 4     | -      | 2 | -   | 2     |          |            | 25        | 25    | 50          |                       | 25        |
| BEETC-408I | Internship                               |                 |           |                     |       |        |   |     | 1     |          |            | 50        | -     | 50          |                       | 25        |
| BEETC-409A | Audit Course HSC: Universal human values | 1               |           |                     | 1     |        |   |     |       |          |            |           |       | AUDIT       |                       | GRADE     |
|            | Total                                    | 17              | 8         | 3T                  | 28    | 16     | 4 | 3   | 24    | 150      | 350        | 125       | 75    | 700         |                       |           |

- L-Lecture, P-Practical, T-Tutorial, A-Activity
- Audit course marks are not counted in total marks





  
 (Dr. V. K. Jaisande)