



**BONAM VENKATA CHALAMAYYA ENGINEERING COLLEGE:ODALAREVU  
(AUTONOMOUS)**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

**Course structure for the A.Y 2023-2024 (BR23Regulations)**

**I B.Tech. - I Semester**

| S.No.                | Course Code | Category of course | Subjects                                      | L | T | P | C           |
|----------------------|-------------|--------------------|---|---|---|---|-------------|
| 1                    | 23HM1T01    | HM                 | Communicative English                         | 2 | 0 | 0 | 2           |
| 2                    | 23BS1T01    | BS                 | Linear Algebra & Calculus                     | 3 | 0 | 0 | 3           |
| 3                    | 23BS1T02    | BS                 | Engineering Physics                           | 3 | 0 | 0 | 3           |
| 4                    | 23ES1T02    | ES                 | Basic Electrical & Electronics Engineering    | 3 | 0 | 0 | 3           |
| 5                    | 23ES1T04    | ES                 | Introduction to Programming                   | 3 | 0 | 0 | 3           |
| 6                    | 23HM1L01    | HM                 | Communicative English Lab                     | 0 | 0 | 2 | 1           |
| 7                    | 23BS1L01    | BS                 | Engineering Physics Lab                       | 0 | 0 | 2 | 1           |
| 8                    | 23ES1L01    | ES                 | Electrical & Electronics Engineering Workshop | 0 | 0 | 3 | 1.5         |
| 9                    | 23ES1L04    | ES                 | Computer Programming Lab                      | 0 | 0 | 3 | 1.5         |
| 10                   | 23BS1L04    | BS                 | Health & Wellness, Yoga & Sports              | 0 | 0 | 1 | 0.5         |
| <b>Total credits</b> |             |                    |   |   |   |   | <b>19.5</b> |

**I B.Tech. - II Semester**

| S.No.                | Course Code | Category of course | Subjects                                  | L | T | P | C           |
|----------------------|-------------|--------------------|---|---|---|---|-------------|
| 1                    | 23BS2T03    | BS                 | Chemistry                                 | 3 | 0 | 0 | 3           |
| 2                    | 23BS2T01    | BS                 | Differential Equations & Vector Calculus  | 3 | 0 | 0 | 3           |
| 3                    | 23ES2T01    | ES                 | Basic Civil & Mechanical Engineering      | 3 | 0 | 0 | 3           |
| 4                    | 23ES2T03    | ES                 | Engineering Graphics                      | 1 | 0 | 4 | 3           |
| 5                    | 23EE2T02    | PC                 | Network Analysis                          | 3 | 0 | 0 | 3           |
| 6                    | 23BS2L02    | BS                 | Chemistry Lab                             | 0 | 0 | 2 | 1           |
| 7                    | 23ES2L02    | ES                 | Engineering Workshop                      | 0 | 0 | 3 | 1.5         |
| 8                    | 23ES2L03    | ES                 | IT Workshop                               | 0 | 0 | 2 | 1.0         |
| 9                    | 23EE2L02    | PC                 | Network Analysis Lab                      | 0 | 0 | 3 | 1.5         |
| 10                   | 23BS2L05    | BS                 | NSS/NCC/Scouts & Guides/Community Service | 0 | 0 | 1 | 0.5         |
| <b>Total credits</b> |             |                    |   |   |   |   | <b>20.5</b> |