



# MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

(A Govt. Aided UGC Autonomous Institute Affiliated to RGPV, Bhopal)

NAAC Accredited with A++ Grade

## Scheme of Evaluation

### B. Tech IV Semester (Electronics & Telecommunication Engineering)

(for batch admitted in academic session 2022-23)

| S. No.   | Subject Code                    | Category Code             | Subject Name                              | Maximum Marks Allotted |    |                       |     |                |                       |                          | Total Marks | Contact Hours per week |   |   | Total Credits | Mode of Teaching | Mode of Exam |
|--|---------------------------------|---------------------------|---|------------------------|----|-----------------------|-----|----------------|-----------------------|--------------------------|-------------|------------------------|---|---|---------------|------------------|--------------|
|  |                                 |                           |   | Theory Slot            |    |                       |     | Practical Slot |                       |                          |             |                        |   |   |               |                  |              |
|  |                                 |                           |   | End Term Evaluation    |    | Continuous Evaluation |     | End Sem. Exam  | Continuous Evaluation |                          |             |                        |   |   |               |                  |              |
|  |                                 |                           |   |                        |    |                       |     |                | Lab Work & Sessional  | Skill Based Mini Project |             |                        |   |   |               |                  |              |
| End Sem. Exam  | *Proficiency in subject /course | Mid Sem. Exam.            | Quiz/ Assignment                          |                        |    |                       |     |                |                       | L                        | T           | P                      |   |   |               |                  |              |
| 1.   | 2100003                         | BSC                       | Engineering Mathematics-III               | 50                     | 10 | 20                    | 20  | -              | -                     | -                        | 100         | 3                      | 1 | - | 4             | Blended          | PP           |
| 2.   | 2200411                         | DC                        | Digital Communication                     | 50                     | 10 | 20                    | 20  | 60             | 20                    | 20                       | 200         | 2                      | 1 | 2 | 4             | Blended          | PP           |
| 3.   | 2200412                         | DC                        | Linear Control Theory                     | 50                     | 10 | 20                    | 20  | -              | -                     | -                        | 100         | 2                      | 1 | - | 3             | Blended          | PP           |
| 4.   | 2200413                         | DC                        | Microprocessor & Interfacing              | 50                     | 10 | 20                    | 20  | 60             | 20                    | 20                       | 200         | 2                      | 1 | 2 | 4             | Blended          | PP           |
| 5  | 2200414                         | DLC                       | Software Lab (Introduction to MATLAB)     | -                      | -  | -                     | -   | 60             | 20                    | 20                       | 100         | -                      | - | 2 | 1             | Offline          | SO           |
| 5.   |                                 | MC                        | Cyber Security                            | 50                     | 10 | 20                    | 20  | -              | -                     | -                        | 100         | 2                      | 1 | - | 3             | Blended          | MCQ          |
| 6.   | 200xxx                          | CLC                       | Novel Engaging Course (Informal Learning) | -                      | -  | -                     |     | 50             | -                     | -                        | 50          | -                      | - | 2 | 1             | Interactive      | SO           |
| Total  |                                 |                           |   | 250                    | 50 | 100                   | 100 | 230            | 60                    | 60                       | 850         | 11                     | 5 | 8 | 20            | -                | -            |
| 7.   | 3000004                         | Natural Sciences & Skills | Language                                  | 50                     | 10 | 20                    | 20  | -              | -                     | -                        | 100         | 1                      | - | - | Grade         | Blended          | MCQ          |
| 8.   | 1000005                         | MAC                       | Project Management & Financing            | 50                     | 10 | 20                    | 20  | -              | -                     | -                        | 100         | 2                      | - | - | Grade         | Online           | MCQ          |
| Summer Internship Project – II (Institute Level) (Qualifier): Minimum two-week duration: Evaluation in V Semester. |                                 |                           |   |                        |    |                       |     |                |                       |                          |             |                        |   |   |               |                  |              |

**Summer Internship Project – II (Institute Level) (Qualifier): Minimum two-week duration: Evaluation in V Semester.**

**\$Proficiency in course/subject – includes the weightage towards ability/ skill/ competency /knowledge level /expertise attained etc. in that particular course/subject.**

**Natural Sciences& Skills: Engineering Physics / Engineering Chemistry / Environmental Science/ Language.**

**Credits of Natural Sciences & Skills will be added in the VI Semester.**

**MCQ: Multiple Choice Question    AO: Assignment + Oral    OB: Open Book    PP: Pen Paper    SO: Submission + Oral**

| Mode of Teaching |        |         |        |         | Mode of Examination |    |        |       | Total Credits |
|------------------|--------|---------|--------|---------|---------------------|----|--------|-------|---------------|
| Theory           |        |         |        | Lab     | Theory              |    |        | Lab   |               |
| Offline          | Online | Blended |        | Offline | PP                  | AO | MCQ    | SO    |               |
|                  |        | Offline | Online |         |                     |    |        |       |               |
| -                | -      | 12      | 6      | 1       | 15                  | -  | 3      | 1     | 19            |
| -                | -      | 63.15%  | 31.57% | 5.26%   | 78.94%              | -  | 15.78% | 5.26% | 100%          |