Batch admitted 2022-2026 onwards

| p | | | | B.Tech. | I Sem | ester (I | | | | | mmun | licatio | | | | | | | | |
|---------|-------|--------------------|--------------|---|-------------|------------------|-----------------|-------------|------------|---------------|-------------|------------|----------------------|--------|----------|--|--------------|----------------|----------|---|
| | | | | • | | | | im Mark | s Allotted | | | | 1. C. C. C. C. C. C. | | lours | | | | Duration | |
| | | | Catal | | | Theory | Slot | | | Practical S | lot · | 1 | р | er we | ek | A SHE | Mode | and the second | Mode | of Exam |
| 1 | S. | Subject | Catego ry | Subject Name | End | Sem. SProfici | Mid | Quiz/ | | Lab | Skill | Total | | | | Total | Treat | | of | 5 () () () () () () () () () (|
| | No. | Code | Code | oubject traine | End Term | ency in | Sem. | Assignm | End | Work & | Based | Marks | L | Т | P | Credit | S | | Exam. | |
| | | | | | Evalua | subject | Exam. | ent | Sem. | Sessional | Mini | | | | | ale Steak | 高速"。 " | a state | | 1 |
| | | | | | tion | /course | | | | | Project | - | | | | an Gall | in a state | 12 | | |
| | | 2100022 | BSC | Basic Electrical & | | | | | | | | | | | 2 | 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1 | Blend | led | MCQ | 1.5 Hrs |
| | 1. | | | Electronics | 50 | 10 | 20 | 20 | 60 | 20 | 20 | 200 | 2 | 1 | 2 | 27.405 27.21 | | - | MCQ | |
| - | | 2200121 | DC | Engineering Electronic Engineering | • | | | | | | | | | | | E.C. Star | Blend | led | PP | 2 Hrs |
| | 2. | 2200121 | DC | Material | 50 | 10 | 20 | 20 | - | - | | 100 | 3 | - | - | | Blend | leda | 1 | 2 Hrs |
| | 3. | 2200122 | DC | Electronic Devices | 50 | 10 | 20 | 20 | - | | - | 100 | 2 | 1 | - | 3 | | 1995 | PP | |
| | 4. | 2200123 | DC | Network Theory | 50 | 10 | 20 | 20 | | - | - | 100 | 2 | 1 | - | 0 | Blenc | 21.2 | PP | 2 Hrs |
| | 5. | 216012 | 2 ESC | Computer Programming | 50 | 10 | 20 | 20 | 60 | 20 | 20 | 200 | 2 | 1 | 2 | 4. 4. | Blend | ed | AO | 2 Hrs |
| | 6. | 220012 | 4 DLC | | - | - | - | - | 60 | 20 | 20 | 100 | - | - | 4 | | Offli | ne | AO | 2 Hrs |
| | - | | | Total | 250 | 50 | 100 | 100 | 180 | 60 | 60 | 800 | 11 | 4 | 8 | 19 | | | | |
| | - | 300000 | | | | | | | | | | | | | A STOLEN | 1000 | | мсо | 1.5 Hrs | |
| | 6 | | Scienc | es and Chemistry | 50 | 10 | 20 | 20 | - | - | 10 | - | 1 | - | 2 | GRAD | No. | | | |
| | - | Induction | ! Sk | ills ne of three weeks (MC):Ph | vsical acti | vity, Creati | ve Arts,U | niversal H | uman V | alues,Literar | y,Proficien | cyModules | Lectu | res by | Emin | ent People, | Visits to lo | cal Ai | eas, | |
| | | mauction | programm | | | F | amiliariza | ation to De | ept./Bran | ich & Innova | ations. | Ladao lay | ol /exi | perti | e att | ained etc | , in that p | artic | ular | I |
| | L | ^{\$} Prof | iciency in | n course/subject – inc | udes the | weightag | ge towar | ds abilit | y/ skill | / competen | icy /know | tedge tev | errex | Jer a. | ic att | | | | | |
| | | cours | se/subjec | t | | | | | | | | | • | | | | | | | |
| | | Natur | al Sciences | al search search with with be | addine in | me ve sem | | | | | . Cubrain | tion + Or | al | | | | | | | |
| 10 | 2 | MCQ | Multiple | al state with with with be | Assignmen | t + Oral | OB: Op | n Book | PP: Pen | Paper SC | | | and the second | | | | | - 1 | | |
| Uga | 2/ | 9.912 | 3 | THE REAL PROPERTY AND | Mode of T | eaching | CALCE. | 2. 680 | | | | of Examina | tion | | T | ab | Fotal Credit | s . | | $\backslash c$ |
| 710. | 0).0 | 51 | | | heory | A A CONT | to at a surface | T. Lab | | | Theory | | | | | | | | X | 3 |
| DEAN (| ACA | DEMIC | S) | Offlinc Online | | Blended | | Öffline | * | PP | A+O | P | ACQ | | 2411 22 | 0 - | | | the. | 22 |
| | 11011 | | ~) | - Later - Andrew - Andrew - Andrew | Offlir | ie Q | nline | 1.884 | | .9 | 6 | | 4 | | | 0 % | 10 | | Par - | |
| M.I.T.S | | | | 0 -0 | 52.63 | % 20 | 5.31% | 42:10% | | 47.36% | 31.57% | 2 | 1.05% | | | | 0 | | 1. | 5% |
| GWAL | OR | | ML |) / · · · · · · · · · · · · · · · · · · | Su | | <u> </u> | | | Ani | 1 1 | | | | | Asu | sh. | | wei h | No. |
| | | Dur | ourtment | of Electronics Engine | | × | (0) | 11 | To- | -70/ | 2ª | M | í (e | Juli- | / | Km- | | | | - |
| | | Mľ | TS Gwal | ior | 1. | oht | (1) | // | X | 0,0 | ~ | | | | | | | | |] |
| | | | | | | | | | | | | | | | | 20 | 22/6 | /1 | 6 1 | 4:59 |
| | | | | The second se | | | | | | | | | | | | 201 | 2070 | 7 | | |

B Tech I Somester (Floetronics and Tolocommunication Engineering)

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Batch admitted 2022-2026 onwards

| | T | | | | | Maxin | num Marks | Allotted | - | | | | act H | | | | | |
|--------|-----------------|------------------|-------------------------------|--------------------------------------|---|----------------------|-------------------------|----------------|----------------------------|-----------------------------------|----------------|---------|-------|---|------------------|---------------------|------|---------------------|
| | | | | | Theory | Slot | | Practical Slot | | | | per wee | | k | | | | in the |
| 5. No. | Subject Code | Category Code | Subject Name | End End Term Evalu ation | Sem. SProfici ency in subject /course | Mid Sem. Exam. | Quiz/ Assignme nt | End Sem. | Lab Work & Sessional | Skill Based Mini Project | Total Marks | L | т | Р | Total Credits | Mode of Teaching | Exam | Duration of Exam |
| 1. | 2100011 | BSC | Engineering Mathematics –I | 50 | 10 | 20 | 20 | | - | | 100 | 3 | 1 | - | 4 | Offline | PP | 2 Hrs |
| 2. | 2200221 | DC | Digital Circuits | 50 | 10 | 20 | 20 | 60 | 20 | 20 | 200 | 2 | 1 | 2 | 4 | Blended | PP | 2 Hrs |
| 3. | 2200222 | DC | Electronics | 50 | 10 | 20 | 20 | 60 | 20 | 20 | 200 | 2, | 1 | 2 | 4 | Blended | PP | 2 Hrs |
| 4. | 2200223 | DC, | Signals and Systems | 50 | 10 | 20 | 20 | - | 100 - N | - | 100 | 2 | 1 | - | 3 | Blended | PP | 1.5 Hrs |
| 5. | 2200224 | DC | Python Programming | 50 | 10 | 20 | 20 | 60 | 20 | 20 | 200 | 2 | 1 | 2 | 4 | Dicinaca | AO | N State |
| 1 | | Total | I B B | 250 | 50 | 100 | 100 | 180 | 60 | 60 | 800 | 11 | 5 | 6 | 19 | | | 1.5 Hrs |
| 6 | 300000 | Science | es Physics | 50 | 10 ′ | 20 | 20 | 390 | - | 1.124 | 010 | 1 | | 2 | GRADE | | MCQ | |

B.Tech. II Semester (Electronics and Telecommunication Engineering)

Summer Internship Project - I (Institute Level) (Qualifier): Minim

*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 / Enguage

Credits of Natural Sciences & Shalls on the added to the VI Semester

OB: Open Book PP: Pen Paper SO: Submission + Oral 10: Assignment + Oral MCQ: Multiple Choice Question



| lotal | | amination | Mode of Ex: | | an relation and the | Mode of Teaching | | | | | | | |
|---|------------|-----------------------|-------------|------------------|---------------------|------------------|-------------|-----------------|-------------------|--|--|--|--|
| Credits | Lab | And the second second | Theory | Sector of Sector | Lab | Theory | | | | | | | |
| | SO | мсq | A+0 | PP | Offline | ded | Blen | any an inderest | | | | | |
| 19 | 0 | 0 | | | Onnie | Online | Offline | Online | Offline | | | | |
| | 0% | 09% | 4 | 15 | 6 | . 4 | 8 | 0 | 1 | | | | |
| 0 1 | | | 21.05% | 78.94% | 31.57% | 21.05% | 42.10% | 0% | 21.05% | | | | |
| 2 0 | ALLAWN | | . 1 | | 1- | | | 070 | 21.05% | | | | |
| 000 | 1800 | 1 | h1 | / we | whenier | 6. | _ | 1.~ | 1/ | | | | |
| UZ3/ | v <u>2</u> | | | 10/ | | 00 | | \sim | Va | | | | |
| The supervised in the local division in the | Brohm 2 | 0 | 4 21.05% | 15 78.94% | 6 31.57% | .4 | 8 42.10% | 0 0% | 4 21.05% Va | | | | |

Department of Electronics Engineering MITS Gwalior -

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MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

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

Department of Electronics Engineering

Scheme of Examination (For Batch admitted in Year 2022-23)

B.Tech. (Electronics & Telecommunication Engineering) III Semester [For batches admitted in Academic Session 2022-23 onwards]

| | ubject Code | Category | Subject Name | | U | | Marks Allottee | | _ | | | Contact Hours per week | | | | | |
|-----|-------------|-------------------------------|--|------------------------|---|---------------|----------------|-----|---------------|--------------------------|-------|---------------------------|---|----|---------|----------------------|---------|
| No. | | Code | | | Theory Sl | ot | | | Practical Slo | ot | | | | | | Mode of | |
| | | | | End Sem. | | Mid Quiz/ | | End | Lab Work | Skill | Total | L | Т | Р | Total | Teaching | Mode of |
| | | | | End Term Evaluation | ^{\$} Proficiency in subject /course | Sem. Exam. | Assignment | Sem | & Sessional | Based Mini Project | Marks | | | | Credits | (Offline/ Online) | Exam. |
| 1. | 21000025 | BSC | Engg Mathematics-II | 50 | 10 | 20 | 20 | - | - | - | 100 | 2 | 1 | - | 3 | Offline | PP |
| 2. | 2200320 | DC | Analog Communication | 50 | 10 | 20 | 20 | 60 | 20 | 20 | 200 | 2 | 1 | 2 | 4 | Offline | PP |
| 3. | 2200322 | DC | Analog Integrated Circuits | 50 | 10 | 20 | 20 | 60 | 20 | 20 | 200 | 2 | 1 | 2 | 4 | Offline | PP |
| 4. | 2200323 | DC | Communication Networks | 50 | 10 | 20 | 20 | - | - | - | 100 | 2 | 1 | - | 3 | Offline | PP |
| 5. | 2200324 | DC | Data Communication | 50 | 10 | 20 | 20 | - | - | - | 100 | 2 | 1 | - | 3 | Offline | PP |
| 6. | 2200321 | DLC | Hardware Lab | - | - | - | - | 60 | 20 | 20 | 100 | - | - | 2 | 1 | Offline | SO |
| 7. | 2200316 | DLC | Self-learning/ Presentation [#] | - | - | - | - | - | 40 | - | 40 | - | - | 2 | 1 | Online +Mentoring | SO |
| 8. | | CLC | Novel Engaging Course | - | - | - | | 50 | - | - | 50 | - | - | 2 | 1 | Interactive | SO |
| 9. | 2200317 | DLC | Summer Internship Project–I (Institute LevelEvaluation) | - | - | - | - | 60 | - | - | 60 | - | - | 4 | 2 | Offline | SO |
| | | Total | | 250 | 50 | 100 | 100 | 290 | 100 | 60 | 950 | 10 | 5 | 14 | 22 | | |
| 10. | 3000003 | Natural Science & Skill | Environmental Engineering | 50 | 10 | 20 | 20 | - | - | - | 100 | 2 | - | - | Grade | Online | MCQ |
| 11 | 1000001 | MAC | Indian Constitution and Traditional Knowledge | 50 | 10 | 20 | 20 | - | - | - | 100 | 2 | - | - | Grade | Online | MCQ |

³Proficiency in course/subject – includes the weightage towards ability/ skill/ competence /knowledge level /expertise attained /attendance etc. in that particular course/subject 'compulsory registration for one online course using SWAYAM/NPTEL/ MOOC, evaluation through attendance, assignments and presentation

| | | Mode | of Teachin | g | | | | | | | |
|---------|--------|---------|----------------|---------|-------------|--------|--------|-----|-------------------|--------|---------------|
| | Theory | | | | NEC | | Theory | | Lab SIP/ SLP/ NEC | | Total Credits |
| Offline | Online | Bler | nded | Offline | Intonactivo | РР | 4.0 | МСО | SO | SO | Total Credits |
| Onnne | Omme | Offline | Offline Online | | Interactive | rr | A+O | MCQ | 50 | 50 | |
| 17 | 0 | 0 | 0 | 4 | 1 | 17 | 0 | 0 | 2 | 3 | 22 |
| 77.27% | 0 | 0 | 0 | 18.1% | 4.54% | 77.27% | 0% | 0% | 9.09% | 13.63% | Credits % |

Department of Electronics Engineering June 2023

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

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

NAAC Accredited with A++ Grade

Scheme of Evaluation

B. Tech IV Semester (Electronics Engineering) (for batch admitted in academic session 2022-23)

| | | | | | | Maximu | ım Marks All | otted | | | | C | onta | ct | | | | |
|-----------|---------|---------------------------------|--|------------------------|---------------------------|---------------|------------------------------------|-------|--------------------------|-----------------|----------|-----------------|------|------|------------------|---------------------|------------|-----------------|
| | | | | | Theor | y Slot | | | Practical Slot | | | Hours p week | | • | | | | |
| S. No. | Subject | Category | Subject Name | End Term Evaluation | | | ntinuous | | Continuous Evaluation | | Total | | | | Total Credits | Mode of Teaching | Mode of | Duration |
| INO. | Code | Code | | End | ^{\$} Proficiency | Mid | aluation End Sem. Quiz/ Exam | | Lab Work | Work Based | Marks | L | Т | Р | Creans | | Exam | of Exam |
| | | | | Sem. Exam | in subject /course | Sem. Exam. | Assignment | | & Sessional | Mini Project | | | | | | | | |
| 1. | 2100003 | BSC | Engineering Mathematics- III | 50 | 10 | 20 | 20 | - | - | - | 100 | 3 | 1 | - | 4 | Blended | PP | 2 Hrs |
| 2. | 2140411 | DC | Digital Communication | 50 | 10 | 20 | 20 | 60 | 20 | 20 | 200 | 2 | 1 | 2 | 4 | Blended | PP | 2 Hrs |
| 3. | 2140412 | DC | Linear Control Theory | 50 | 10 | 20 | 20 | - | - | - | 100 | 3 | 1 | - | 4 | Blended | PP | 2 Hrs |
| 4. | 2140413 | DC | Microprocessor & Interfacing | 50 | 10 | 20 | 20 | 60 | 20 | 20 | 200 | 2 | 1 | 2 | 4 | Blended | PP | 2 Hrs |
| 5 | 2140414 | DLC | Software Lab (Introduction to MATLAB) | - | - | - | - | 60 | 20 | 20 | 100 | - | - | 2 | 1 | Offline | SO | - |
| 5. | 2140415 | DC | Cyber Security | 50 | 10 | 20 | 20 | - | - | - | 100 | 2 | - | - | 2 | Blended | MCQ | 1.5 Hrs |
| 6. | 200xxx | CLC | Novel Engaging Course (Informal Learning) | - | - | - | | 50 | - | - | 50 | - | - | 2 | 1 | Interactive | SO | - |
| | | [| Fotal | 250 | 50 | 100 | 100 | 230 | 60 | 60 | 850 | 12 | 4 | 8 | 20 | - | - | - |
| 7. | 3000004 | Natural Sciences & Skills | Language | 50 | 10 | 20 | 20 | - | - | - | 100 | 1 | - | _ | Grade | Blended | MCQ | 1.5 Hrs |
| 8. | 1000005 | MAC | Project Management & Financing | 50 | 10 | 20 | 20 | - | - | - | 100 | 2 | - | - | Grade | Online | MCQ | 1.5 Hrs |
| | | | Summer Internshin Project | t II (In | stitute Level) | Onalifi | n). Minimum | two v | | ion. Froh | otion in | VC | 0000 | cton | | | | |

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

| | | Mode of Teachi | ng | | | | | | | | | | |
|---------|--------|----------------|--------|---------|--------|------------|--------|--------|---------------|--|--|--|--|
| | Т | heory | | Lab | | Theory Lab | | | | | | | |
| Offline | Online | Bler | nded | Offline | РР | AO | мсо | so | Total Credits | | | | |
| Onnie | Omme | Offline Online | | Onme | 11 | AU | MCQ | 30 | | | | | |
| - | - | 12 | 6 | 2 | 15 | - | 3 | 2 | 20 | | | | |
| - | - | 60.00% | 30.00% | 10.00% | 75.00% | - | 15.00% | 10.00% | 100% | | | | |