

| DR. B.C. ROY ENGINEERING COLLEGE, DURGAPUR |             |                                             |                         |                                                    |
|--------------------------------------------|-------------|---------------------------------------------|-------------------------|----------------------------------------------------|
| DEPARTMENT: Electrical Engineering         |             |                                             |                         |                                                    |
| M.TECH 1st SEMESTER (AY 2023-24)           |             |                                             |                         |                                                    |
| NEW SYLLABUS                               |             |                                             |                         |                                                    |
| SRL NO.                                    | PAPER CODE  | PAPER NAME                                  | Course Offered (Yes/No) | NO. OF STUDENTS ENROLLED IN & COMPLETED THE COURSE |
| 1                                          | PSM 103(a)  | Power System Planning and Reliability       | Yes                     | 14                                                 |
| 2                                          | PSM 103(b)  | Power System Apparatus                      | No                      | 0                                                  |
| 3                                          | PSM 103(c)  | Power Quality                               | No                      | 0                                                  |
| 4                                          | PSM 104(a)  | Optimization Techniques                     | Yes                     | 14                                                 |
| 5                                          | PSM 104(b)  | Soft Computing Technique                    | No                      | 0                                                  |
| 6                                          | PSM 104(c)  | Digital Signal Processing                   | No                      | 0                                                  |
| 7                                          | PSM 104(d)  | Object Oriented Programming                 | No                      | 0                                                  |
| DR. B.C. ROY ENGINEERING COLLEGE, DURGAPUR |             |                                             |                         |                                                    |
| DEPARTMENT: Electrical Engineering         |             |                                             |                         |                                                    |
| M.TECH 2nd SEMESTER (AY 2023-24)           |             |                                             |                         |                                                    |
| NEW SYLLABUS                               |             |                                             |                         |                                                    |
| SRL NO.                                    | PAPER CODE  | PAPER NAME                                  | Course Offered (Yes/No) | NO. OF STUDENTS ENROLLED IN & COMPLETED THE COURSE |
| 1                                          | PSM 204(a)  | Power System Transient                      | No                      | 0                                                  |
| 2                                          | PSM 204(b)  | Flexible A.C. Transmission System           | Yes                     | 14                                                 |
| 3                                          | PSM 204(c)  | Advanced Electrical Drives                  | No                      | 0                                                  |
| 4                                          | PSM 205(a)  | Advanced Control System                     | Yes                     | 14                                                 |
| 5                                          | PSM 205(b)  | Modeling and Simulation of dynamic systems  | No                      | 0                                                  |
| 6                                          | PSM 205(c)  | Advanced Microprocessor and Microcontroller | No                      | 0                                                  |
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| DEPARTMENT: Electrical Engineering         |             |                                             |                         |                                                    |
| M.TECH 3rd SEMESTER (AY 2023-24)           |             |                                             |                         |                                                    |
| NEW SYLLABUS                               |             |                                             |                         |                                                    |
| SRL NO.                                    | PAPER CODE  | PAPER NAME                                  | Course Offered (Yes/No) | NO. OF STUDENTS ENROLLED IN & COMPLETED THE COURSE |
| 1                                          | PSM 301 (a) | Non-conventional Energy                     | Yes                     | 5                                                  |
| 2                                          | PSM 301 (b) | Power System Harmonics                      | No                      | 0                                                  |
| 3                                          | PSM 301 (c) | Energy Management and Audit                 | No                      | 0                                                  |

*[Signature]* 28/04/24

Head  
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