

DR. B. C. ROY ENGINEERING COLLEGE, DURGAPUR

DEPARTMENT OF APPLIED ELECTRONICS & INSTRUMENTATION ENGINEERING

B.TECH 5TH SEMESTER (AY 2021-22)

NEW SYLLABUS

| SL NO. | PAPER CODE | PAPER NAME | NO. OF STUDENTS ENROLLED IN & COMPLETED THE COURSE |
|--------|------------|--------------------------------------|--|
| 1 | PE-EI501 | Optical Instrumentation | 0 |
| 2 | PE-EI502 | Introduction to MEMS | 16 |
| 3 | PE-EI503 | Embedded System | 16 |
| 4 | PE-EI504 | Power Electronics and Drives | 0 |
| 5 | OE-EI501 | Object Oriented Programming Language | 16 |
| 6 | OE-EI502 | Database Management Systems | 0 |

B. TECH 6TH SEMESTER (AY 2021-22)

NEW SYLLABUS

| SL NO. | PAPER CODE | PAPER NAME | NO. OF STUDENTS ENROLLED IN & COMPLETED THE COURSE |
|--------|-------------|------------------------------|--|
| 1 | OE - EI 601 | Internet of Things (IoT) | 16 |
| 2 | OE-EI 602 | Artificial Intelligence (AI) | 0 |
| 3 | OE- EI 603 | Digital Signal Processing | 16 |
| 4 | OE-EI 604 | Soft Computing Techniques | 0 |

B. TECH 7TH SEMESTER (AY 2021-22)

NEW SYLLABUS

| SL NO. | PAPER CODE | PAPER NAME | NO. OF STUDENTS ENROLLED IN & COMPLETED THE COURSE |
|--------|------------|--------------------------------|--|
| 1 | PE-EI 701 | Mechatronics & Robotics | 0 |
| 2 | PE-EI 702 | Digital Control System | 14 |
| 3 | PE-EI 703 | Analytical Instrumentation | 14 |
| 4 | PE-EI 704 | Non Destructive Testing | 0 |
| 5 | OE-EI-701 | Telemetry & Wireless Sensor | 14 |
| 6 | OE-EI-702 | Non-Conventional Energy System | 0 |

B. TECH 8TH SEMESTER (AY 2021-22)**NEW SYLLABUS**

| SL NO. | PAPER CODE | PAPER NAME | NO. OF STUDENTS ENROLLED IN & COMPLETED THE COURSE |
|---------------|-------------------|-----------------------------|---|
| 1 | PE-EI 801 | Power Plant Instrumentation | 0 |
| 2 | PE-EI 802 | NANO ELECTRONICS | 14 |
| 3 | OE-EI 801 | Digital Image Processing | 14 |
| 4 | OE-EI 802 | Big Data Analysis | 0 |