

# Dr. B. C. Roy Engineering College, Durgapur

## MECHANICAL ENGINEERING

### Faculty Development Programmes (FDP)

AY 2021-22

(Professional Development Programmes, Orientation / Induction Programmes, Refresher Course, Short Term Course etc.)

| Serial No | Name of the Teacher    | Title of the Program   | Duration [From - To]      |
|-----------|------------------------|--|---------------------------|
| 1         | Dr. Subhas Chandra Moi | AICTE-ISTE approved orientation/Refresher programme in " Rapid Manufacturing: The Future Sustainable Manufacturing Technology" | 19.01.2022 to 25.01.2022  |
| 2         | Dr. Manoj Kundu        | Artificial Intelligence In Indutry 4.0   | 14.02.22 to 18.02.22      |
| 3         | Siddhartha Bhowmick    | 3D Printing & Design   | 17.08.2021 to 21.08.2021  |
| 4         | Dr. Subhas Chandra Moi | Renewable Energy Technologies for Sustainable Development"   | 15-06-2021 to 19-06-2021  |
| 5         | Dr Subrata Samanta     | Inculcating Universal Human values in Technical Education  | 2-08-2021 to 6-08- 2021   |
| 6         | Subhajit Bhattacharya  | 3D prining and Design  | 17-08-2021 to 21-08- 2021 |
| 7         | Subhajit Bhattacharya  | Robotics   | 01-07-2021 to 01-09-2021  |
| 8         | Subhajit Bhattacharya  | AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Nation Fdp on,"Machine Learning""                         | 08-11-2021 to 12-11-2021  |
| 9         | Rajeev Ranjan          | FDP on "Challenges and Opportunities with Industry 4.0 for Mechanical Engineering  | 24.08.2021 to 28.08.2021  |
| 10        | Rajeev Ranjan          | FDP on "Advancement in Mechanical Engineering (AME-2021)"  | 06.09.2021 to 10.09.2021  |
| 11        | Dr. Subhas Chandra Moi | Inculcating Universal Human values in Technical Education  | 8-11-2021 to 12-11-2021   |

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|-----------|----------------------|--|--------------------------|
| 1         | ARIJIT BANERJEE      | ADVANCED FLUID MECHANICS   | 01-09-2020 to 31-12-2020 |
| 2         | ARIJIT BANERJEE      | Patenting Technology and Process innovations Related to Renewable Energy               | 17-02-2021 to 22-02-2021 |
| 3         | ARIJIT BANERJEE      | Recent Trends in Thermo-Fluids   | 22-02-2021 to 26-02-2021 |
| 4         | ARIJIT BANERJEE      | Fundamentals and Applications of Computational Fluid Dynamics in Fluid-Thermal Systems | 13-03-2021 to 17-03-2021 |
| 5         | Dr.Chandan Chatteraj | Inculcating Universal Human Values in Technical Education                              | 18-01-2021 to 22-01-2021 |
| 6         | Dr.Chandan Chatteraj | Robotics   | 02-11-2020 to 06-11-2020 |
| 7         | Dr.Chandan Chatteraj | TEACHING-LEARNING USING MATLAB   | 24-11-2020 to 28-11-2020 |
| 8         | Dr.Chandan Chatteraj | Higher Education 2020: Requirements and Expectations                                   | 08-07-2020 to 12-07-2020 |
| 9         | DR. MANOJ KUNDU      | HIGHER EDUCATION 2020 : REQUIREMENT & EXPECTATION                                      | 08-07-2020 to 12.07.2020 |
| 10        | DR. MANOJ KUNDU      | RAWJT-2020   | 12-09-2020 to 16-09-2020 |
| 11        | DR. MANOJ KUNDU      | Fundamentals & Applications of CFD in Fluid Thermal System                             | 13-03-2021 to 17-03-2021 |
| 12        | DR MANOJ KUNDU       | Patenting Technology & Process Innovations Related to Renewable Energy                 | 17-02-2021 to 22-02-2021 |
| 13        | Partha Sarathi Bose  | Fundamental and Application of Computational Fluid Dynamics in Fluid Thermal Systems   | 13-03-2021 to 17-03-2021 |
| 14        | Partha Sarathi Bose  | Recent Advancement in Welding and Joining Technology (RAWJT-2020)                      | 12-09-2020 to 16-09-2020 |
| 15        | Rajeev Ranjan        | FDP on "Product Development & Industrial Research"                                     | 06-07-2020 to 10-07-2020 |
| 16        | Rajeev Ranjan        | Online FDP on "Mechatronics, Automation & Robotics"                                    | 03-08-2020 to 07-08-2020 |
| 17        | Rajeev Ranjan        | FDP on "Interdisciplinary Research"  | 01-09-2020 to 05-09-2020 |
| 18        | Rajeev Ranjan        | Online STC on "Aspects of Modern Optimization Techniques in Science and Engineering"   | 17.08.2020 to 21.08.2020 |
| 19        | Rajeev Ranjan        | Online Seminar on "Advances in Manufacturing & Characterization Process"               | 24.08.2020 to 29.08.2020 |

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| 20 | Rajeev Ranjan          | National workshop on "Academia to industry: Challenges and Opportunities"                                       | 31-08-2020 to 05-09-2020 |
| 21 | SIDDHARTHA BHOWMICK    | FACULTY DEVELOPMENT PROGRAM   | 18-01-2021 to 12-03-2021 |
| 22 | Subhajit Bhattacharya  | Robotics  | 01-09-2020 to 31-11-2020 |
| 23 | Subhajit Bhattacharya  | Robotics  | 02-11-2020 to 06-11-2020 |
| 24 | Subhajit Bhattacharya  | Robotics  | 24-11-2020 to 28-11-2020 |
| 25 | Subhajit Bhattacharya  | Modern Trends of Electrical Engineering and its Applications (MTEEA)  | 20.12.2020 to 24.12.2020 |
| 26 | Subhajit Bhattacharya  | Mechatronics  | 01-01-2021 to 31-03-2021 |
| 27 | Subhajit Bhattacharya  | Engineering Optimization Techniques and its Applications (ENOTAA-2021)  | 14-06-2021 to 18-06-2021 |
| 28 | Dr. Subhas Chandra Moi | Green Technology & Sustainability Engineering   | 14-09-2020 to 18-09-2020 |
| 29 | Dr. Subhas Chandra Moi | Stress-management   | 21-09-2020 to 25-09-2020 |
| 30 | Dr. Subhas Chandra Moi | Higher Education 2020: Requirements and Expectations  | 08-07-2020 to 12-07-2020 |
| 31 | Dr. Subhas Chandra Moi | Advanced Materials (Fabrication, Characterization and Applications)   | 20-07-2020 to 25-07-2020 |
| 32 | Dr. Subhas Chandra Moi | Advanced Nano Materials, Nano Fabrication Techniques & Devices  | 10-08-2020 to 14-08-2020 |
| 33 | Dr. Subhas Chandra Moi | Reliability, Maintainability and Quality Issues in Process Industries   | 04-08-2020 to 08-08-2020 |
| 34 | Dr. Subhas Chandra Moi | How to define Research Problems and Solving Methods in Sustainable Design, Manufacturing and Energy Engineering | 24-08-2020 to 28-08-2020 |
| 35 | Dr. Subhas Chandra Moi | PERSPECTIVES AND CHALLENGES IN OUTCOME BASED RESEARCH   | 13-07-20 to 17-07-2020   |
| 36 | Dr. SUBHAS CHANDRA MOI | Renewable Energy Technologies for Sustainable Development   | 15-06-2021 to 19-06-2021 |
| 37 | Dr Subrata Samanta     | Fundamentals and application of computational fluid dynamics in fluid thermal systems                           | 13-03-2021 to 17-03-2021 |
| 38 | SUMAN KARMAKAR         | Theory of Composite Shell   | 01-01-2021 to 31-03-2021 |
| 39 | SUMAN KARMAKAR         | AUTO CAD  | 15-12-2020 to 21-01-2021 |