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**CONTINUING EDUCATION CELL**

**NATIONAL INSTITUTE OF TECHNOLOGY RAIPUR**

**G.E. Road, Raipur – 492010 (C.G.) Website:-http;//www.nitrr.ac.in**

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**(Short Term Certificate Course)**

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| **S. No** | **Name of Course** | **Duration** | **Sponsored Agency** | **Coordinator** | **Department** |
| 1 | Applied Data Analytics: A Practical Approach (online Mode) | 15/06/2022 to 14/07/2022 | Self | Dr. Mridu SahuDr.Govind P.Gupta | Information Technology Deptt. |
| 2 | Applied Data Analytics: A Practical Approach (online Mode**)-Batch-I** | 22/05/2023 to 21/06/2023 | Self | Dr. Mridu SahuDr. Govind P.Gupta | Information TechnologyDeptt. |
| 3 | Applied Data Analytics: A Practical Approach (online Mode) **-Batch-II** | 22/05/2023 to 21/06/2023 | Self | Dr. Mridu SahuDr. Govind P.Gupta | Information Technology Deptt. |
| 4 | Applied Data Analytics: A Practical Approach (online Mode) | 12/06/2024 to 26/06/2024 | Self | Dr. Mridu SahuDr. Govind P.Gupta | Information Technology Deptt. |
| 5 | Artificial Intelligence & Machine Learning Innovations in Geology and Water Resources: From Theory to Practice (AIMILGWR-2024)" Online Mode | 17-08-2024 to 31-08-2024 | Self | Dr. D C JhariyaDr. Mridu SahuDr. Chandan Kumar Singh | Applied GeologyInformation TechnologyCivil Engg. |
| 6 | Data Science and its Application | 13-01-2025 to 29-01-2025 | Self | Dr. Aakansha Sharaff Dr. Nitesh K Bhardwaj Dr.Jitendra Rout | Computer Science & Engg. |
| 7 | Ethical Hacking and Digital Forensics | 27-01-2025 to 12-02-2025 | Self | Dr. Pradeep Singh Dr. Aakansha Sharaff Dr. Nitesh K Bhardwaj | Computer Science & Engg. |
| 8 | Foundations of Cyber- Physical Systems (CPS) | 22-01-2025 to 07-03-2025 | Self | Dr. M K Priyadarsini Dr.Nitesh K Bhardwaj Dr. Manu Vardhan | Computer Science & Engg. |
| 9 | Applied Data Analytics: A Practical Approach (online Mode) | 26-05-2025 to 09-06-2025 | Self | Dr. Mridu SahuDr. Govind P.Gupta | Information Technology Deptt. |
| 10 | Artificial Intelligence & Machine Learning Innovations in Geology and Water Resources: From Theory to Practice (AIMILGWR-2025)" (Online Mode) | 11-06-2025 to 25-06-2025 | Self | Dr. D C JhariyaDr. Mridu SahuDr. Chandan Kumar Singh | Applied GeologyInformation TechnologyCivil Engg. |

Short Term Training Program (STTP)

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| **S. No** | **Name of Course** | **Duration** | **Sponsored Agency** | **Coordinator** | **Department** |
| 1 | Advances in Geo -technical, Mining and Geology | 09/06/2021 to 13/06/2021 | Self | Dr. Laxmikant Yadu | Civil Engineering |
| 2 | Aesthetic of Scientific Writing Using LaTex (Online) | 04/07/2022 to 08/07/2022 | Self | Dr. Aakanksha SharaffDr. Jitendra Kumar Rout  | Computer Science & Engg. |
| 3 | Faculty Development Program on “Black chain in Smart City: Emerging Technologies for the Next Decade and Beyond” | 19/09/2022 to 30/09/2022 | Atal Sponsored | Dr. Sudhakar PandeyDr. Preeti Chandrakar | Computer Science & Engg and IT |
| 4 | Enhancing Personality & Employability amongst Youth | 24/02/2023 to 28/02/2023 | RGNIYD | Dr. Sandip SarkarDr. Shashikant Tarai | Humanities |
| 5 | Faculty Development Program On “Agri Food Supply Chain Management “ | 20/02/2023 to 03/03/2023 | Atal Sponsored | Dr. Amit Raj SinghDr. V K Gaba | Mech. Engg. |
| 6 | Quantum Computing and its Application : Modern Application and Practice | 27/02/2023 to 03/03/2023 | Self | Dr. R K TripathiDr. Chandrashekhar Jototh | Information Technology Deptt. |
| 7 | Advanced Hands On Training on Biomedical Signal Acquisition and Analysis | 23/05/2023 to 29/05/2023 | SERB | Dr. Bikesh Kumar Singh | Biomedical Engg. |
| 8 | Testing of Geo-materials for Geo-technical and Transportation Engineering Application | 26/06/2023 to 07/07/2023 | Indian Geotechnical Society  | Dr. Laxmikant YaduDr. Sunny Deol G | Civil Engineering |
| 9 | Testing of Cement and Concrete for Building and Road Application | 24/07/2023 to 28/07/2023 | Self | Dr. S.V.DeoDr. Meena Murmu | Civil Engineering |
| 10 | Emerging Trends and Challenges in Biomechanics and Biomaterials | 25/07/2023 to 30/07/2023 | Self | Dr. Nishant Kumar SinghDr. M.Marieswram | Biomedical Engg. |
| 11 | Essential Communication Skills for UG, PG and Research Scholars | 17/09/2023 to 21/09/2023 | Self | Dr. Y.Vijaya BabuDr. Binod Shaw | Humanities and Elect. Engg. |
|  | **2024-25** |
| 12 | ‘Enhancing Communicative Skills, Emotional Competence and Employability amongst Youth & Employability amongst Youth” | 24/02/2024 to 28/02/2024 | RGNIYD | Dr. Sandip SarkarDr. Shashikant Tarai | Humanities |
| 13 | One week Karyashala (High End Workshop) on Mechanics and Material For Biomedical Application  | 30/04/2024 to 06/05/2024 | SERB | Dr. Nishant Kumar SinghDr. M. Marieswaran | Biomedical Engg. |
| 14 | Various Operation of Lathe (STTP/WS) | 20/05/2024 to 24/05/2024 | Self | Dr.Shailesh Vaidya | Workshop  |
| 15 | Various Operation of Shaper Machine (STTP/WS) | 27/05/2024 to 31/05/2024 | Self | Dr.Shailesh Vaidya | Workshop  |
| 16 | Bootcamp on Coding and Robotics(Online) | 03/06/2024 to 06/06/2024 | Self | Dr. Pradeep SinghDr. Deepak Singh | Computer Science & Engg. |
| 17 | Ethical Hacking & Digital Forensics | 10/06/2024 to 14/06/2024 | Self | Dr. Pradeep SinghDr. Nitesh K BhardwajDr. Shailendra Tripathi | Computer Science & Engg. |
| 18 | Finite Element Analysis  | 18/06/2024 to 22/06/2024 | Indian Geotechnical Society  | Dr.Alfia BanoDr. Sukamta Das | Civil Engg. |
| 19 | High\_End Workshop (Karyashala) on “Emerging Trends in Electrical Vehicle Technology and Charging Infrastructure. | 01/07/2024 to 06/07/204  | SERB | Dr. Anamika Yadav Dr. Lalit Kumar Sahu  | Electrical Engg. |
| 20 | Exploring Semiconductors Devices: A Practical Approach to VLSI ( W/S-Karyashala) | 10/07/2024 to 16/07/2024 | SERB | Dr. G P MishraDr. Ashish Kumar | Electronics Engg. |
| 21 | Holistic Approach to Design of Hospital (Online) | 22/07/2024 to 26/07/2024 | Self | Dr. Himanshu PoptaniDr. Shruti Sharad Nagdeve  | Architechture  |
| 22 | Reinventing Wireless Communication : Data –Driven Signal Processing for 6G Networks ( W/S-Karyashala) | 24/07/2024 to 30/07/2024 | SERB | Dr. Siddharth DeshmukhDr. Saikat Majumdar | Electronics Engg. |
| 23 | “CNC Turning Operation and Programming (CNCTOP2024)” | 19/08/2024 to 24/08/2024 | Self | Dr. Shailesh VaidyaDr. M.K. Pradhan,  | Workshop  |
| 24 | “CNC (Milling Operating and Programming” (CNCMOP2024) | 09/09/2024 to 14/09/2024 | Self | Dr. Shailesh VaidyaDr. M.K. Pradhan,  | Workshop  |
| 25 | Advanced Materials Testing and Characterization Techniques | 09/09/2024 to 13/09/2024 | Utra tech and Self | Dr.Alfia BanoDr.Neha GuptaDr.Vikas Kumar Vidyarthi | Civil Engg. and Mining Engg. |
| 26 | Advanced Computing Approaches in Medical Signal Processing and Biomechanics  | 03/10/2024 to 07/10/2024  | Self | Dr. Bikesh Kumar singhDr. Nishant Kumar SinghDr. Shivangi Giri | Biomedical Engg. |
| 27 | Green Technology Approach to Environment Management and Climate Change Mitigation  | 18/09/2024 | MoU with CIPET | Dr. J Anandkumar | Chemical Engg. |
| 28 | Workshop on “Hands on Innovation: Mastering Arduino and VHDL on Biomedical Sensors” | 21/10/2024 to 25/10/2024 | Self  | Dr. Nilam Shobha NiralaDr. Shivangi Giri  | Biomedical Engg. |
| 29 | Quantum Computing & Algorithms(QCA-2024)  | 07/10/2024 to 11/10/2024 | Self | Dr. Rajesh Doriya Dr. Kapil Kumar Soni | Information Technology Deptt. |
| 30 | Power System & Power Electronics Research Application & Real Time Simulation  | 20/12/2024 to 24/12/2024  | Self | Dr. Ebha Koley Dr. Monalisa Biswal Dr. Varsha Singh  | Electrical Engg. |
| 31 | Sustainable Civil Engineering Construction Materials in Infrastructure and Industry | 06/01/2025 to 11/01/2025 | Atal | Dr. Meena MurmuDr.Goverdhan But | Civil Engg. |
| 32 | One Day Workshop on “Digital Image Processing" | 19/02/2025 | BSP Bhilai (C.G) | Dr. N.D.Londhe | Electrical Engg. |
| 33 | Industrial Training Workshop on “Knowledge Enhancement of Loco Shed Employees” | 23/06/2025 to 04/07/2025  | SEC Railway Bilaspur | Dr. Anamika YadavDr. Ebha KoleyDr. Baidyanath Bag | Electrical Engg. |
| 34 | “Frontiers in Applied Mathematics: Modelling, Computation, and Quantum-Driven Techniques(FAMMCQDT-2025)” | 07/07/2025 to 13/07/2025 | Self | Dr. Sharada Nandan RawDr. L. BhaskarDr. Ranjan Kumar Das | Dept. of Mathematics |
| 35 | Testing of Geo-Materials for Geo-Technical and Transportation Engineering Applications | 14/07/2025 to 18/07/2025 | IGS Raipur Chapter | Dr. Sunny Deol.G Dr. Alfia Bano | Civil Engg. |

 **Dr.Subhojit Ghosh**

 **Chairman, CEC**

 **NIT, Raipur**