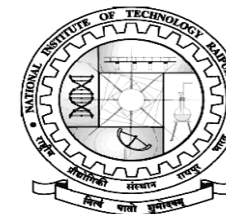




CONTINUING EDUCATION CELL

NATIONAL INSTITUTE OF TECHNOLOGY RAIPUR

G.E. Road, Raipur – 492010 (C.G.) Website:-<http://www.nitr.ac.in>



(Short Term Certificate Course)

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 Sahu Dr. 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 Sahu Dr. Govind P. Gupta	Information Technology Deptt.
3	Applied Data Analytics: A Practical Approach (online Mode) - Batch-II	22/05/2023 to 21/06/2023	Self	Dr. Mridu Sahu Dr. 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 Sahu Dr. 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 Jhariya Dr. Mridu Sahu Dr. Chandan Kumar Singh	Applied Geology Information Technology Civil 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 Sahu Dr. 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 Jhariya Dr. Mridu Sahu Dr. Chandan Kumar Singh	Applied Geology Information Technology Civil Engg.

Short Term Training Program (STTP)

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. Department
2	Aesthetic of Scientific Writing Using LaTeX (Online)	04/07/2022 to 08/07/2022	Self	Dr. Aakanksha Sharaff Dr. 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 Pandey Dr. Preeti Chandrakar	Computer Science & Engg and Information Technology Deptt.
4	Enhancing Personality & Employability amongst Youth	24/02/2023 to 28/02/2023	RGNIYD	Dr. Sandip Sarkar Dr. Shashikant Tarai	Humanities Deptt.
5	Faculty Development Program On “Agri Food Supply Chain Management “	20/02/2023 to 03/03/2023	Atal Sponsored	Dr. Amit Raj Singh Dr. V K Gaba	Mech. Engg. Deptt.
6	Quantum Computing and its Application : Modern Application and Practice	27/02/2023 to 03/03/2023	Self	Dr. R K Tripathi Dr. 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. Deptt.
8	Testing of Geo-materials for Geo-technical and Transportation Engineering Application	26/06/2023 to 07/07/2023	Indian Geotechnical Society	Dr. Laxmikant Yadu Dr. Sunny Deol G	Civil Engineering Department
9	Testing of Cement and Concrete for Building and Road Application	24/07/2023 to 28/07/2023	Self	Dr. S.V.Deo Dr. Meena Murmu	Civil Engineering Department
10	Emerging Trends and Challenges in Biomechanics and Biomaterials	25/07/2023 to 30/07/2023	Self	Dr. Nishant Kumar Singh Dr. 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 Babu Dr. Binod Shaw	Humanities and Elect. Engg.
12	‘Enhancing Communicative Skills, Emotional Competence and Employability amongst Youth & Employability amongst Youth”	24/02/2024 to 28/02/2024	RGNIYD	Dr. Sandip Sarkar Dr. Shashikant Tarai	Humanities Deptt.
2024-25					
1	One week Karyashala (High End Workshop) on Mechanics and Material For Biomedical Application	30/04/2024 to 06/05/2024	SERB	Dr. Nishant Kumar Singh Dr. M. Marieswaran	Biomedical Engg.Deptt.
2	Various Operation of Lathe (STTP/WS)	20/05/2024 to 24/05/2024	Self	Dr.Shailesh Vaidya	Workshop Deptt.
3	Various Operation of Shaper Machine (STTP/WS)	27/05/2024 to 31/05/2024	Self	Dr.Shailesh Vaidya	Workshop Deptt.

4	Bootcamp on Coding and Robotics(Online)	03/06/2024 to 06/06/2024	Self	Dr. Pradeep Singh Dr. Deepak Singh	Computer Science & Engg. Deptt.
5	Ethical Hacking & Digital Forensics	10/06/2024 to 14/06/2024	Self	Dr. Pradeep Singh Dr. Nitesh K Bhardwaj Dr. Shailendra Tripathi	Computer Science & Engg. Deptt.
6	Finite Element Analysis	18/06/2024 to 22/06/2024	Indian Geotechnical Society	Dr.Alfia Bano Dr. Sukamta Das	Civil Engineering Department
7	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. Deptt.
8	Exploring Semiconductors Devices: A Practical Approach to VLSI (W/S-Karyashala)	10/07/2024 to 16/07/2024	SERB	Dr. G P Mishra Dr. Ashish Kumar	Electronics Engg.Deptt.
9	Holistic Approach to Design of Hospital (Online)	22/07/2024 to 26/07/2024	Self	Dr. Himanshu Poptani Dr. Shruti Sharad Nagdeve	Architecture and Planning Deptt.
10	Reinventing Wireless Communication : Data –Driven Signal Processing for 6G Networks (W/S-Karyashala)	24/07/2024 to 30/07/2024	SERB	Dr. Siddharth Deshmukh Dr. Saikat Majumdar	Electronics Engg. Deptt.
11	“CNC Turning Operation and Programming (CNCTOP2024)”	19/08/2024 to 24/08/2024	Self	Dr. Shailesh Vaidya Dr. M.K. Pradhan,	Workshop Deptt.
12	“CNC (Milling Operating and Programming” (CNCMOP2024)	09/09/2024 to 14/09/2024	Self	Dr. Shailesh Vaidya Dr. M.K. Pradhan,	Workshop Deptt.
13	Advanced Materials Testing and Characterization Techniques	09/09/2024 to 13/09/2024	Utra tech and Self	Dr.Alfia Bano Dr.Neha Gupta Dr.Vikas Kumar Vidyarthi	Civil Engg. and Mining Engg. Deptt.
14	Advanced Computing Approaches in Medical Signal Processing and Biomechanics	03/10/2024 to 07/10/2024	Self	Dr. Bikesh Kumar singh Dr. Nishant Kumar Singh Dr. Shivangi Giri	Biomedical Engg. Deptt.
15	Green Technology Approach to Environment Management and Climate Change Mitigation	18/09/2024	MoU with CIPET	Dr. J Anandkumar	Chemical Engg.Deptt.
16	Workshop on “Hands on Innovation: Mastering Arduino and VHDL on Biomedical Sensors”	21/10/2024 to 25/10/2024	Self	Dr. Nilam Shobha Nirala Dr. Shivangi Giri	Biomedical Engg. Deptt.
17	Quantum Computing & Algorithms(QCA-2024)	07/10/2024 to 11/10/2024	Self	Dr. Rajesh Doriya Dr. Kapil Kumar Soni	Information Technology Deptt.
18	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.Deptt.
19	Sustainable Civil Engineering Construction Materials in Infrastructure and Industry	06/01/2025 to 11/01/2025	Atal	Dr. Meena Murmu Dr.Goverdhan But	Civil Engg.Deptt.
20	One Day Workshop on “Digital Image Processing"	19/02/2025	BSP Bhilai (C.G)	Dr. N.D.Londhe	Electrical Engg.Deptt.
21	FDP on Advanced Topics in Fin Tech Security	17/03/2025 to 21/03/2025	ISEAA-III(FinTech Cluster)	Dr. Chandrashekhar Jatoth Dr. Rakesh Tripathi	Information Technology Deptt.

2025-26

1	Industrial Training Workshop on “Knowledge Enhancement of Loco Shed Employees”	23/06/2025 to 04/07/2025	SEC Railway Bilaspur	Dr. Anamika Yadav Dr. Ebha Koley Dr. Baidyanath Bag	Electrical Engg.Deptt.
2	“Frontiers in Applied Mathematics: Modelling, Computation, and Quantum-Driven Techniques (FAMMCQDT-2025)”	09/07/2025 to 13/07/2025	Self	Dr. Sharada Nandan Raw Dr. L. Bhaskar Dr. Ranjan Kumar Das	Mathematics Deptt.
3	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.Deptt.
4	Advance Surveying and Their Engineering Application.	25/08/2025 to 29/08/2025		Dr. A D Prasad Dr. Ajay Vikram Ahirwar Dr. N. V. Swamy Naidu	Civil Engg. and Mech Engg.Deptt.
5	Occupational Health Industrial Safety and First Aid preparedness in Safety Critical Work shop	29/09/2025 to 24/09/2025	Self	Dr. Ashish Das Dr. P Dewangan	Mining Engg Deptt.
6	AI-Driven Solutions for Electrical Engineering: Intelligent Strategies to Trackl Modern EE Challenges.	08/10/2025 to 18/10/2025	Self	Dr. Ebha Koley Dr. Aakanksha Sharaff Dr. Baidyanath Bag	Electrical Engg.Deptt.
7	Knowledge Discovery through Mathematical Modelling Rough Sets and Machine Learning(KDMRM-2025)	17/11/205 to 21/11/2025	Self	Dr. Sharada Nandan Raw Dr. L. Bhaskar Dr. Ranjan Kumar Das	Mathematics Deptt.
8	FDP on Hydrogen Energy: Pathways to a Sustainable and Decarbonized future.	24/11/2025 to 29/11/2025	AICTE-ATAL	Dr. N V Swamy Naidu Dr. Bhargavi Rani Anne	Mech. Engg. Deptt.
9	"Mechanical Engineering Technology and Advanced Learning" (METAL-2025)	05/12/2025 to 06/12/2025	International Conference	Dr. Anuj Kumatr Shukla Dr. Prem Kumar Chaurasia Dr. P K Ramteke	Mech. Engg. Deptt.
10	Data Science and Intelligent Network Computing (ICDSINC-2025)	05/12/2025 to 06/12/2025	International Conference	Dr. N. K. Nagwani Dr. Aakanksha Sharaff Dr. Nitesh K. Bharadwaj Dr. M. Priyadarsini	Computer Science & Engg. Deptt.
11	PM Shri Teachers Training Program – Batch -I	07/12/2025 to 12/12/2025	Navodaya-Bhubhuneswar	Dr. S P Mahapatra Dr. Ayush Khare Dr.Priyanka Tripathi	Physics, Chemistry and CSE Deptt.
12	PM Shri Teachers Training Program – Batch -II	14/12/2025 to 19/12/2025	Navodaya-Bhubhuneswar	Dr. S P Mahapatra Dr. Ayush Khare Dr.Priyanka Tripathi	Physics, Chemistry and CSE Deptt.
13	Sky Farm Analytics: Next Generation Agriculture through UAV & IoT Synergy.	15/12/2025 to 19/12/2025	TiHAN, IIT Hybad	Dr. Chandrashekhar Jatoth Dr. Rajesh Doriya	Information Technology Deptt.
14	Deep learning : Concepts to Application with hand on practice	15/12/2025 to 30/12/2025	Self	Dr. Mridu Sahu Dr. Deepika Agrawal	Information Technology Deptt.

15	Industrial Training Workshop on “Knowledge Enhancement of Loco Shed Technician”	12/01/2026 to 23/01/2026	SEC Railway Bilaspur	Dr. S Ghosh Dr. S Jain Dr. S Patnaik	Electrical Engg. Deptt.
16	Computational Methods for Data Science Integrated with Mathematical Modelling and Operation Research	12/01/2026 to 16/01/2026	Self	Dr. Anup Kumar Sharma	Mathematics Deptt.
17	Responsible and Sustainable Mining : Currency for Modern Workforce	19/01/2026 to 23/01/2026	Self	Dr. Vineeth Balakrishnan Dr. P Dewangan	Mining Engg Deptt.
18	Fermentation Technology	19/01/2026 to 23/01/2026	Self	Dr. Sharda Bharti	Bio Tech. Engg. Deptt.
19	AI Driven AgriTech and FinTech with Block chain for Secure Digital Finance; From Star up to Industry Adoption(AIAF-BSDF2026)	29/01/2026 to 30/01/2026	National W/s	Dr. Preeti Chandrakar Dr. K Jairam Naik	Computer Science & Engg. Deptt.
20	Build Analyse and Learn from Bio-Signals: Hands on ECG, PPG and EMG	06/02/2026 to 10/02/2026	Self	Dr. Neelam Shobha Nirala Dr. Shivangi Giri Dr. Satya Eshwari	Biomedical Engg. Deptt.
21	Science Engineering and Medicine: A Converging Platform	09/02/2026 to 13/02/2026	Self	Dr. Sudip Paul Dr. Manik Basu Dr. Souvik Biswas	Biomedical Engg. Deptt.
22	Industrial waste utilization for Circular Economy: Issues, Challenges and Opportunities	10/02/2026 to 14/02/2026	Hira Sponsered	Dr. S K Mukti Dr. S K Dewangan Dr. Shashikant Verma	Mech Engg. Dept.
23	Advanced Separation Process in Biotechnology and Environmental Field	23/02/2026 to 27/02/2026	Self	Dr. D Vasanth Dr. Sharda Bharti	Bio Tech. Engg. Deptt.
24	Enhancing Oral and Written Communication skills using e Technology	10/03/2026 to 14/03/2026	self	Dr. Y Vijaya Babu Dr. S K Mukti	Humunities and Mech Engg. Deptt.
25	3D Printing Technology in Bio Engineering	23/03/2026 to 27/03/2026	Self	D. Chinmaya Mahapatra Dr. Manishekhar Kumar Dr. J Satya Eshwari	Biomedical Engg. Deptt.
2026-27					
1	Paradigms of Next Generation Wireless network: From 5G and Beyond	13/04/2026 to 19/04/2026	Self	Dr. Mayur V Kavte Dr. Anshul Gupta	Electronics Engg. Deptt.
2	Online FDP on AI in Healthcare			Dr. Tapan Kumar Sahoo	Electronics Engg. Deptt.
3	Fundamentals and application of deep Learning and Data Science	20/04/2026 to 24/04/2026	Self	Dr. Rajesh Doriya Dr. Rekh Ram Janghel Dr. Gyanendra Kumar Verma	Information Technology Deptt.
4	Applied Data Analytics: A Practical Approach (online Mode)	25/05/2026 to 08/06/2026	Self	Dr. Mridu Sahu Dr. Govind P. Gupta	Information Technology Deptt.
5	W/S on Pulsed Power Technologies: Principle ,Design and Applications(PPTPDA-2026)	29/06/2026 to 03/07/2026	BRNS, COSMSOL		Electronics Engg. Deptt.

6	International W/S on Next Generation Quantum Intelligence: AI for Network Optimization and Entanglement.	06/07/2026 to 08/07/2026	SPARC,GOI	Dr. Chandrashekar Jototh	Information Technology Deptt.
7	W/S on Number Theory and Cryptography: Theory, Algorithms and Application (Online)	13/07/2026 to 17/07/2026	Self	Dr. Shailendra Kumar Tripathi Dr. Nabin Kumar Meher Dr. Deepmala Sharma	CSE and Mathematics Deptt.
8	Next Generation Trends in AI and Scientific Computing with Hands-on using Python” (online Mode)	20/07/2026 to 24/07/2026	Self	Dr. Sonal Yadav Dr. Anita Murmu	Computer Science & Engg.Deptt.
9	Paradigms of Next Generation Wireless Network From: 5G and Beyond	13/04/2026 to 19/04/2026	Self	Dr. Mayur Katve Dr.Anshul Gupta Dr. B Patnaik	Electronics Engg. Deptt.

Dr.Subhojit Ghosh
Chairman, CEC
NIT, Raipur