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Sl. No.	Prog. Code	Program Title	Registration	Venue	Mode	Coordinator	From	To	Week	Target Participants	Objectives
1	SPL40F	Effective Teaching	Free	Kolkata	ICT	Dr. Habiba Hussain	02/02/2026	06/02/2026	1	Faculty/ staff of all disciplines	Upon successful completion of the programme, participants will be able to • Characterise effective teaching • Explain innovative teaching methods • Identify the parameters for teaching assessment • Plan a lesson using experiential strategy • Analyse the components for effective delivery
2	SPL41F	Climate Risk Management	Free	Kolkata	ICT	Dr. Anil Kumar and Dr. Kunwar Raghvendra Singh	09/02/2026	13/02/2026	1	Faculty, Staff, Professionals, Research Scholars from all the discipline	Understand the science, causes, and multisectoral impacts of climate change on ecosystems, economies, and societies. Develop skills for climate risk assessment and vulnerability analysis of sectors, communities, and infrastructure. Learn mitigation strategies to reduce greenhouse gas emissions and promote renewable energy and carbon sequestration. Explore adaptation and resilience-building approaches for agriculture, water resources, infrastructure, and public health.
3	SPL42F	Development of Laboratory Instruction and Manual	Free	Kolkata	ICT	Dr. Subrata Mondal	23/02/2026	27/02/2026	1	Faculty/ staff of all disciplines	After attending this programme, participants would be able to: • explore the role of laboratory in student learning; • explore development of laboratory exercise; • explore writing of laboratory report; • explore safety management in laboratory; • explore standard operating procedure (SoP) in laboratory;

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											• explore development of laboratoy manual etc.
4	SPL43F	Values and Ethics for Professionals	Free	Kolkata	ICT	Dr. Mithu Dey	23/02/2026	27/02/2026	1	Faculty/ staff of all disciplines	After completion of the FDP programme, the participants will be able to: • take decision in critical situation • Build trust and credibility • take ownership of the work • create positive environment in the class room
5	SPL53F	How to Write Thesis and Research paper	500	Kolkata	ICT	Dr. Rayapati Subbarao	23/02/2026	27/02/2026	1	Faculty of all and Research scholars	After attending the programme, the participants will be able to: • Paraphrase the basics of thermodynamics. • Apply laws of thermodynamics in various problems. • Gain more knowledge about entropy and the processes of perfect gases. • Identify and analyze thermodynamic air cycles. Familiarize the basics of fuels and combustion.
6	SPL44F	Community Development through Technical Institutes	Free	Kolkata	ICT	Mrs. Sheela Yadav Rai	23/02/2026	27/02/2026	1	Faculty/ staff of all disciplines	After attending the programme the participants will be able to : Know various Community Development Schemes • Understand Feasibility Report • Prepare Reports • Make Linkages with Organizations

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7	SPL52F	Machine Learning With Python	1000	Kolkata	Hybrid	Jagadeesh M S	09/03/2026	13/03/2026	1	Faculty, Staff Members, Research scholars from any discipline	Understand Core Machine Learning Concepts; Implement Machine Learning Models Using Python; Prepare and Preprocess Data for Machine Learning; Apply ML Learning Algorithms; Handle Real-World Machine Learning Challenges; Enhance Career Opportunities in AI & Data Science
8	SPL45F	Introduction to Artificial Intelligence	Free	Kolkata	ICT	Indrajit Saha	09/03/2026	13/03/2026	1	Faculty/ staff of all disciplines	After attending the program, the participants will be able to • describe the fundamentals of Artifical Intelliegnec • expapin the fundamentals of Bayesian Network (BN) and Artificial Neural Network (ANN) • apply ANN for classification • explain BN and ANN in classroom
9	SPL46F	Introduction to Quantum Computing and Its Applications in Engineering	Free	Kolkata	ICT	Dr. K Venkata Rao	16/03/2026	20/03/2026	1	Faculty/ staff of all disciplines	After attending the programme, the participants will be able to • Explain qubits, superposition, and entanglement. • Explore the differences between classical and quantum computing. • Apply quantum computing in key engineering applications. • To confidently teach students in quantum computing topics.
10	SPL47F	IKS-Based Sustainable Mechanical Engineering: From Ancient Wisdom to Industry 5.0	Free	Kolkata	ICT	Dr. Deepak Mehra and Dr. Saurabh Kumar Yadav	16/03/2026	20/03/2026	1	Faculty/ staff of all disciplines	• To integrate Indian Knowledge Systems with sustainable mechanical engineering practices. • To relate ancient engineering wisdom with Industry 5.0 concepts. • To promote human-centric and eco-friendly engineering solutions.

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11	SPL48F	Solid Waste Management	Free	Kolkata	Online	Dr. Anil Kumar	16/03/2026	20/03/2026	1	Faculty, Staff, Professionals, Research Scholars from all the discipline	Enhance faculty knowledge of modern solid waste management systems—from collection to treatment and circular economy models—to update academic and practical understanding. Develop curriculum integration skills for designing course modules, labs, and student projects that align with national policies, SDGs, and industry demands. Promote research and innovation in waste valorization, waste-to-energy, digital solutions, and sustainable practices to inspire interdisciplinary projects and publications. Build collaboration capacity with industry, municipalities, and communities to enable real-world problem-solving, consultancy, and societal engagement in waste management.
12	SPL49F	Application of Artificial Intelligence & Machine Learning in Engineering field	Free	Kolkata	ICT	Papia Ray	16/03/2026	20/03/2026	1	Faculty/ staff of all disciplines	After attending this program, participants will be able to: • Develop the basic concept of Artificial Intelligence & Machine Learning • Explain the various applications of Artificial Intelligence & Machine Learning • Incorporate the advanced techniques of Artificial Intelligence & Machine Learning in Engineering field applications
13	SPL50F	Assessment Tools and Question Banking	Free	Kolkata	ICT	Dr. Sagarika Pal	23/03/2026	27/03/2026	1	Faculty/ staff of all disciplines	After completion of the program, the participants will be able to • Define Measurement, Assessment, Evaluation and Test; • Define Assessment tools • Construct the test items; • Design the table of Specification;

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											• Prepare the question paper; • Analyze the question paper; • Develop question Bank
14	SPL51F	Traditional Indian Engineering Knowledge and Its Applications in Modern Education Systems	Free	Kolkata	ICT	Dr. Saurabh Kumar Yadav and Dr. Deepak Mehra	23/03/2026	27/03/2026	1	Faculty/ staff of all disciplines	• To introduce key concepts of traditional Indian engineering knowledge. • To connect ancient Indian practices with modern education systems. • To promote value-based and sustainable engineering education.