

5. Proposed charges to conduct the program

S. No.	Ref. No. of Program ¹	Mode ²	Rate per participant per day (in Rs)
1	1	R	Rs. 10,000/- per participant per day (excluding taxes)
2	2	R	Rs. 10,000/- per participant per day (excluding taxes)

6. Kindly attach program schedule in the following format along with 4-5 lines of broad coverage and learning outcomes for each program:

Industrial Artificial Intelligence in Industry 4.0 : There is an urgent need for systematic development and implementation of AI to see its real impact in the next generation of industrial systems, namely Industry 4.0. This training program on Industrial Artificial Intelligence in Industry 4.0 is designed to provide the most fundamental knowledge of AI Technologies to the participants so that they can understand what the AI is and where we are today with AI. The program will equip participants with the knowledge and the confidence that will help to transfer their organization by converting uncertainties regarding AI into impactful opportunities for business growth. It will also help them to accomplish the cultural transformation necessary for successful implementation of Industry 4.0. The issues and challenges of CPSE and SLPEs towards implementation of AI technology will be discussed in details.

Day	Session-1	Session-2	Session-3	Session-4
1	Artificial Intelligence – an Overview Basic concept of AI, Principles of AI, Impact and Limitations of AI	Industry 4.0 – an Overview and Key Technologies	Supervised Learning Algorithms with Applications in Predictive Analytics	Unsupervised Learning Algorithms Applications in gaining insights from data
2	Reinforcement Learning Algorithms Application in Manufacturing sector and supply chain	Deep Learning Networks Develop an understanding of global best practices in Deep Learning	Concept of cyber physical system: Understanding the linkage between mechanical and virtual worlds	Hands on training Hands-on experience with Python software for analyzing data using machine learning techniques
3	Data Driven Smart Manufacturing	Cloud Computing in the era of Industrial 4.0	Industrial IoT: Introduction to IoT and IIoT, IIoT-Business Models	Big data analytic for Smart Factories

			and Reference Architecture	
4	Knowledge based Expert System	Group Activity Analyze and solve problems from industries such as agriculture, manufacturing, retail, etc.	Robotic and Intelligent Solutions for Smart Manufacturing	Case study: Successful AI Products
5	Case Study: Future Factories Need AI to Survive and Compete	Group Activity Analyze data using machine learning techniques	The Future of AI Business roadmap for strategic implementation of AI and collective intelligence in CPSEs/SLPEs	Group Presentations and Discussions

Project Management in the Digital Era: Projects are becoming the major tool for implementing and achieving the strategic goals of the organisation. In the context of corporate strategy, innovation is the key for achieving competitive advantage in current business world. The State Level Public Enterprises must emphasise on projects in the line of innovation. Such innovative projects would bring positive and rapid change at different levels of system, product, process and service. After going through this programme, the participants shall have a holistic and integrative view of projects and shall understand how Project Management, Innovation and Change management contributes to the strategic goals of the organisation. Integration includes the process of selecting innovative projects in line to the technical and managerial processes made available by the organisation to bring projects to completion. Various issues of technology management will be also discussed in the programme. Efforts are also included to give overview of computer aided Project Management tools and emerging concepts. Hands on workshops will be conducted on MS Project.

Day	Session-1	Session-2	Session-3	Session-4
1	Project Formulation Basic concept of Project Management	Project Administration	Innovation Management	Change management
2	Project Formulation Brainstorming for idea generation. Systems Approach and Gap analysis	Project Formulation Concept Development, Background study, etc.	Tools and Techniques of Project Planning and Monitoring	Tools and Techniques of Project Planning and Monitoring

3	Project Formulation Financial Structuring and Risk Assessment of Projects	Project Cost Estimation & Appraisal	Demonstration of MS Project Gantt Chart, Scheduling of Tasks, etc.	Demonstration of MS Project Resources Allocation, Cost estimation, etc.
4	Group Activity: Aims and objectives of the project, project outline, target beneficiaries, identification of stakeholder, human resources, Outsourcing, Construction of Project organization.	Group Activity MS Project: Identification of activities, Identification of resources, Resources Allocation	Group Activity MS Project: Cost estimation, Resource graph, Project statistics, Project Progress monitoring	Digital transformations opportunities and challenges
5	Group activity Preparation of project report and presentation	Integration management techniques and tools	Group Presentation and Discussions	Group Presentation and Discussions