Defence Technology & Test Centre (DTTC)
Kanpur Road, Amausi, Lucknow - 226009

Proposed Training Schedule under Skill Development Program at DTTC in Year-2025

S/N	Course/ Training Title	Date & Duration	Topics to be Covered	Course Co-ordinator
1.	Blockchain Technology: Concepts and Applications	21-22 August (02 Days)	✓ Introduction to Blockchain ✓ How block chain works ✓ Key component ✓ Block Chain platforms ✓ Applications of Blockchain ✓ Practical Hands on & Demonstration	Mr. Atul Kumar, Sc-'E' Landline No: 0522-2317597 E-mail ID: kumar.atul.sag@gov.in Mobile No: 9307804739
2.	Non-Destructive Evaluation Techniques for Aerospace & Defence Manufacturing	29-30 September (02 Days)	✓ Covers the principles, applications, and limitations of various NDE methods, Application of NDE in quality control etc. ✓ Basics & Operations of Ultrasonic Flaw detector & Ultrasonic Thickness Guage equipment	Mr. Amit Kumar, Sc-'F' Landline No: 0522-2317617 E-mail ID: akumar.dmsrde@gov.in Mobile No: 9140849779
3.	RF and Microwave Circuit Design Simulation using ADS	6-7 October (02 Days)	✓ Introduction to ADS and RF Design Flow ✓ Linear Simulation and S-Parameter Analysis ✓ Nonlinear Circuit Simulation ✓ RF System Design and Budget Analysis ✓ Layout, EM Simulation & Advanced Applications ✓ PCB Layout and Design Rule Check (DRC) ✓ Momentum EM Simulation, Co-Simulation & EM Circuit Integration ✓ Case Studies and Hands-on Projects	Mr. Rudresh Kumar, Sc-'E' Landline No: 0522-2317618 E-mail ID: rudresh.kumar.dmsrde@gov.in Mobile No: 8765171945
4.	Advanced 3D Modelling and Engineering Simulation Techniques using Solid Works Premium	25-27 November (03 Days)	✓ Covers basics of SolidWorks, sketching techniques, part modelling, assembly, rendering etc. ✓ Sheet metal modelling, design validation, product data management, design communication, and CAD productivity tools. ✓ Linear and Non-linear analysis.	Mr. Amit Kumar, Sc-'F' Landline No: 0522-2317617 E-mail ID: akumar.dmsrde@gov.in Mobile No: 9140849779
5.	Electromagnetic Field Simulation and Analysis using Ansys Electronic Enterprise	18-19 December (02 Days)	✓ Introduction to ANSYS Electronics ✓ High-Frequency Electromagnetics with HFSS ✓ Low-Frequency Electromagnetics with ANSYS Maxwell ✓ Hands-on: Basic Simulations in HFSS and Maxwell ✓ Signal Integrity, Thermal-Mechanical and System Integration ✓ Thermal and Structural Coupling with Ice pak ✓ Circuit and System Simulation using Twin Builder ✓ Design Automation and Workflow Integration	Mr. Virendra Prasad, Sc-'E' Landline No: 0522-2317598 E-mail ID: virendra.dlrl@gov.in Mobile No: 9533713611