List of DST Training Programmes for the Calendar years 2025-26

Sl. No.	Programmes	Date	Programme Coordinators
1.	13th Training Programme on Financial Management in Scientific Organizations, (Scientist & Technologist) (All Levels)	October 13-17,2025	Dr. Pawan K. Taneja
2.	19th Capacity Building Programme for Technical Personnel (Technical Officer, Technical Personnel, Technician, Senior Technician, Junior Analyst) (2 -weeks)	November 17 to 28, 2025	Prof. Vinod K. Sharma Dr. Surabhi Pandey
3.	23rd Foundation Training Programme for Scientist & Technologists (8 weeks) Scientist, B & C, and Newly Recruited Scientist D, levels and equivalent	January 12, 2026 to March 06, 2026	Prof. Vinod K. Sharma Dr. Surabhi Pandey

List of DST Training Programmes for the Calendar years 2022-23 (Offline)

Sl. No.	Programmes	Date	Programme Coordinators	Mode
1.	21st Foundation Training Programme for Scientist & Technologists **(8 weeks)**	September 19 to November 11, 2022	Prof. Vinod K. Sharma Dr. Shyamli Singh	**Residential**
2.	12th T. P. on Science, Technology and Emerging Trends in Governance (Scientist & Technologists All Levels) **(1-week)**	November 21-25, 2022	Prof. Vinod K. Sharma Dr. Shyamli Singh	**Residential**
3.	11th T. P. on Science & Technology for Rural Societies (**Women Component)** (Scientist & Technologists All Levels) **(1-week)**	December 19-23, 2022	Prof. Vinod K. Sharma Dr. Charru Malhotra	**Residential**
4.	11th T.P. on Financial Management in Scientific Organisations for Scientists and Technologists (Scientist & Technologists All Levels) **(1-week)**	January 16-20, 2023	Dr. Pawan K. Taneja	**Residential**
5.	17th Capacity Building Programme for Technical Personnel (Technical Officer, Technical Personnel, Technician, Senior Technician, Junior Analyst) **(2 -weeks)**	February 06-17, 2023	Prof. Vinod K. Sharma Dr. Shyamli Singh	**Residential**

13th Training Programme on Financial Management in Scientific Organizations, (Scientist & Technologist) (All Levels)

(October 13-17, 2025)

OBJECTIVE

The success of every organization highly depends upon the sound management of financial resources i.e. 'Financial Management'. Financial management is of paramount importance particularly to those organizations which involve huge funds like scientific organizations, research institutes etc. In this reference the present programme attempts to familiarize the participants with some critical financial issues like financial statements, sources of finance, cost control, budgeting, financial appraisal of projects etc. The primary objective of this program is to enable the participants to plan their financial resources and make their best possible use. It attempts to develop a fair understanding of different concepts of financial management to ensure better use of funds.

CONTENT

- Financial information flows and financial reporting
- Analysis of financial statements
- Accounting for depreciation
- Valuation of intangible assets
- Planning for financial inflows
- Cost: Allocation and Control
- Budgeting: Cash budgets and Zero base budgeting
- Project Formulation and financial appraisal

METHODOLOGY

There will be a blend of theory and practice. Suitable numerical exercises, relevant case studies will be used along with the interactive discussions & lectures.

19th Capacity Building programme for Technical Personnel of the Science & Technology Departments, Government of India, (Technical Officer, Technical Personnel, Technician, Senior Technician, Junior Analyst)
(November 17-28, 2025)

OBJECTIVES

Capacity building is a process of strengthening the abilities of individuals/ organizations to perform core functions sustainably. The goal of capacity building program is to enable the participants to tackle problems more effectively. Keeping this broad objective in mind, this two week programme aims at providing broad overview of financial management, project management and general management. Realizing the specific job requirements of technical personnel, the program will also give exposure of some relevant acts (like IPR, Patent, RTI etc.) and attempt to enhance the potential of participants in writing reports, drafting cabinet notes and making presentations.

CONTENT

The broad areas to be covered under the programme are as under:

- Team building and Motivation
- Communication Skills and Interpersonal Relations
- Financial Statements and their analysis
- General Financial Rules
- Inventory Management
- Total Quality Management
- Project Management
- Economic appraisal of Projects
- Knowledge Management
- IPR/ Patents / Copy Right
- RTI and its implementation
- Conduct Rules and Disciplinary Procedure
- Rate Contract and e-procurement
- Drafting Cabinet Notes
- Report writing and presentations

METHODOLOGY

The methodology of the training program will be a mix of interactive sessions with eminent scientists, administrators, guest faculty and faculty of IIPA. The emphasis will be on case studies, group exercises, management games and field visits.

23rd Foundation Training Programme for Scientists and Technologists of the S&T Departments, Government of India,
(Scientist & Technologist, at B & C, D levels and equivalent)
(January 12, 2026 to March 06, 2026)

Introduction

The Indian Institute of Public Administration (IIPA), a premier Institute engaged in Training, Research and Consultancy since 1954, is organizing a Eight- week Foundation Training Programme for Scientists and Technologists. This programme is twenty second in the series of Foundation Programmes conducted so far. The Institute has been conducting training Programmes for the Department of Science and Technology (DST) since 2004, when the 'National Programme for Training of Scientists and Technologists working in Government sector' was first launched during the 10th Plan period.

This Programme is specifically designed for Scientists and Technologists placed at Group B and C levels. The Programme provides the young scientist a holistic view of the Inter-relationship between Science, Society and Development. The significance of Socio-political, Cultural and Economic issues in management of science and technology will be examined in depth and detail. An attempt will be made to develop behavioral and problem-solving skills, enhance leadership & team building capacity and strengthen innovation & service orientation. The Programme will also develop the capacity of participants to understand and address the problems facing society through an application of Science and Technology. At the same time, it will prepare the participants for future senior positions which will require not only technical but also administrative and communicative skills.

IIPA extends a warm welcome to all the participants and hopes that each participant would benefit from the discussions, deliberations, and study visits during the Programme.

Objectives

The Programme would enable the participants to:

- Appreciate the symbiotic link between scientific advancement and societal progress, with emphasis on Science and Technology Policy from a social, inclusive, and developmental perspective.
- Recognize the national importance of emerging technologies including Artificial Intelligence, Quantum Science and Technology, Advanced Materials and Manufacturing, Electronics and Semiconductors, Digital Communication, Biomanufacturing, and Space Technologies in driving transformative change.
- Acquire essential behavioral and interpersonal communication skills to enhance decision-making, leadership, conflict resolution, time and stress management, crucial for navigating complex work environments.
- Comprehend administrative rules, procedures, and regulatory frameworks to effectively engage with relevant ministries, departments, and scientific institutions for better coordination and policy implementation.

- Develop practical capabilities in designing, funding, implementing, and evaluating science and technology projects, with exposure to project management tools, capital budgeting, total quality management, and impact assessment methods.

- Apply fundamental concepts of economics, budgeting, and financial management with specific reference to scientific institutions and emerging sectors like the Blue Economy.

- Recognize the contemporary challenges faced by scientists, policymakers, and administrators in addressing climate change, environmental degradation, disaster risk reduction, and achieving the Sustainable Development Goals (SDGs).

- Analyze how science, technology, and innovation can drive sustainable and inclusive development in both urban and rural settings, contributing to national goals such as *Viksit Bharat 2047*

- Participate in structured field visits to ministries, departments, research institutions, startups, and coastal development agencies to gain hands-on exposure to best practices, ongoing innovations, and institutional mechanisms in action.

Programme Content

The Focus of the Programme would be on the following Modules*:*

1. **Emerging Technologies**

    - Technology, Innovation and the Development Challenge
    - Science, Technology and Gender Concerns
    - Data Governance
    - Introduction to Generative AI and AI use case
    - AI in climate modelling
    - Emerging Agriculture Technologies
    - Health and Medical Technologies
    - Quantum Science and Technology
    - Space Technology
    - Bio-Manufacturing
    - Electronics and Semiconductor
    - Cyber Security
    - Big Data

2. **Human Resource**
    - Emotional Intelligence
    - Stress Management
    - Interpersonal Communication
    - Leadership Development
    - Problem Solving & Decision Making
    - Time Management
    - Strategic Leadership

3. **Office Management**
    - Noting, Drafting and Cabinet Notes
    - Purchase Management
    - Conduct Rules
    - Handling Disciplinary/ Parliamentary Questions
    - Establishment Rules
    - RTI Implementation
    - GeM
    - Vigilance Cases
    - GST: Application of GST for Science and Research Organization

4. **Scientific Research and Project Management**
    - Ethics in Scientific Research
    - Society and S&T Projects
    - Funding for S&T Projects
    - Project Management: An Overview
    - Project Planning and Scheduling
    - Capital Budgeting
    - Total Quality Management
    - Writing Quality Reports
    - Fundamentals of Statistics
    - Workshop for Data Analysis: Using SPSS
    - Communication and Presentation Skills

5. **Blue Economy**

    - Basic Economic Concepts in the Context of Blue Economy
    - Overview of the Indian Economy and the Marine Sector
    - Financial Management in Ocean-Based Enterprises
    - General Financial Rules Relevant to Marine and Scientific Institutions
    - Budgeting and Budgetary Control in Blue Economy Projects
    - Cost-Benefit Analysis of Marine and Coastal Initiatives
    - Emerging Issues in the Financial Sector Affecting the Blue Economy
    - Financing Mechanisms: Blue Bonds, Climate Finance, and Public-Private Partnerships
    - Role of Digital Finance and Fintech in Blue Economy Development
    - General Financial Rules 2017 & Delegation Financial Power Rules

6. **Energy, Environment and Climate**

    - Food Security, Water and Sanitation Issues
    - Issues in Energy Development
    - Climate Change Impact assessment
    - Nationally Determined Contributions (NDCs) and science-based policy
    - Environmental Degradation-Who bears the burden?
    - Community-led Adaptation and Resilience
    - Climate Justice Narratives and Activism

- Green Innovation and Equitable Sustainability
- Role of Scientists in Circular Economy- Leading to Viksit Bharat 2047
- Disaster Risk Reduction
- Sustainable Development and Inclusive Growth

7. Research Methodology and Scientific Ethics

- Scientific Writing and Grant Proposal Development
- Writing for international journals
- Research communication for funding
- Design and conduct rigorous scientific research.
- Apply ethical principles and best practices in research.
- Bioethics and research ethics

8. Field Visits

- Visits to institutions, ministries, departments, and startups working in emerging technologies of national importance and climate change, including educational excursion tours

Methodology

The methodology of the training Programme will include a mix of interactive sessions with eminent scientists, administrators, IIPA faculty and guest faculty. Case discussions and group work will be an important part of the Programme. Participants will be expected to make group presentations on important issues assigned to them. Field Visits and Village study tour are other important components of the Programme.

Rural and Urban field visits would expose the participants to major challenges in diverse areas. These would also enable them to examine various issues through the lens of science and technology. These visits would also help to build multi–disciplinary team efforts.

Course Coordinators:

Prof. Vinod K Sharma
Dr. Surabhi Pandey

Note: On successful completion of the Foundation Programme the Participants are taken on a Foreign Study Tour by DST.

GOVERNMENT OF INDIA
MINISTRY OF SCIENCE & TECHNOLOGY
DEPARTMENT OF SCIENCE & TECHNOLOGY
TECHNOLOGY BHAWAN, NEW MEHRAULI ROAD, NEW DELHI – 110 016
TEL No. 011-26590349, 011-26590340

NOMINATION FORM

TRAINING PROGRAMME, INSTITUTE & DATE OF TRAINING	

NAME Prof./Dr./Mr./Ms.			
DESIGNATION:		**ORGANISATION:**	
DATE OF BIRTH		**DATE OF ENTRY IN GOVT. SERVICE (AS GROUP 'A')**	
SEX (M/F)		**PRESENT PAY AND PAY LEVEL:**	
CATEGORY (GEN /SC/ST/OBC			
COMPLETE ADDRESS / CONTACT NUMBERS / E-MAIL			

EDUCATIONAL / PROFESSIONAL QUALIFICATIONS (GRADUATION ONWARDS)			
SL. No.	**YEAR**	**DEGREE**	**UNIVERSITY/INSTITUTE**

RESEARCH EXPERIENCE			
SL.NO.	**YEAR**	**TOPIC OF RESEARCH**	**SPONSORING AGENCY**

CONTD..2

EXPERIENCE / POSTINGS FROM LEVEL SCIENTIST 'B' ONWARDS (IN GROUP 'A')				
SL.NO.	**NAME OF THE ORGANISATION**	**POST HELD**	**FROM**	**TO**

TRAINING ATTENDED				
SL.NO.	**YEAR**	**NAME OF THE TRAINING PROGRAMME**	**NAME OF THE INSTITUTE**	**DURATION**
SPECIFIC AREA IN WHICH SKILL UPGRADATION DESIRED	**1.** **2.** **3.**			

Signature of the Candidate

RECOMMENDATION BY THE CONTROLLING OFFICER

(SIGNATURE OF THE RECOMMENDING OFFICER)
Name & Designation with Seal