Training Calendar

प्रशिक्षण कैलेंडर

2026 - 27

शिक्षा मंत्रालय
MINISTRY OF
EDUCATION
सत्यमेव जयते

NITTTR Chennai

Temple of Learning

CONTENT

This training calendar is designed to enhance technical education quality and to develop skilled workforce for national growth.

TRAINING CALENDAR 2026 -27

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About Us

The National Institute of Technical Teachers Training and Research, Chennai is a premier institution established in 1964 under the Ministry of Education, Government of India, dedicated to enhance the quality of technical education in the country. It has been granted the "Institution Deemed to be University" status by the Ministry in 2024. This recognition acknowledges our 60 years of commitment to provide quality education and training, to mark a significant milestone in our journey toward excellence in technical education and research .

Through its training programmes, workshops, and courses, NITTTR Chennai equips educators with advanced competencies in curriculum design, pedagogy, educational technology, and quality assurance, ensuring alignment with emerging trends in technical education. Beyond capacity building, the Institute undertakes research and consultancy to strengthen the technical education ecosystem, offering expert guidance in infrastructure development, curriculum planning, and innovative teaching practices while fostering professional collaboration and knowledge exchange.

Training @ NITTTRC

NITTTR Chennai provides a wide range of training programmes designed to meet the evolving needs of faculty, students, academic leaders, and professionals from technical, non-technical, and healthcare institutions as well as industry sectors. These programmes ensure continuous professional development, industry alignment, and global exposure for participants.

Extension Services

The institute provides extension services to enhance the quality of technical education through support in accreditation (NBA/NAAC/NABL), academic and curriculum audits, and curriculum revision. It also offers guidance in classroom instruction improvement, proposal writing, and development of academic resources such as books and manuals. Additionally, the institute promotes modern learning through green campus initiatives, MOOC design, laboratory demonstration videos, and student motivation, counselling, and mentoring.

Vision

To serve as a "One-Stop Institute of Excellence" and create an indelible mark in the fields of Multidisciplinary Education, Training, Research and Innovation at the Global Level.

Mission

To address the current challenges in the field of Technical Education and fulfill the evolving needs and expectations of the changing world by renewing the principles of the Teaching Learning process.

To anchor teaching in the quality culture of the Technical Institutions and articulate pedagogical competence to satisfy the demand for "Lifelong Learning."

To transform the traditional "One Size Fits All" Model to "Skills over Degrees" Model.

Innovate to Educate and Educate to Innovate — building a culture of quality, innovation, and excellence in technical education.

Prof. Dr. Usha Natesan
Director

NITTTR Chennai's Journey of Educational Transformation

Creative Leadership

Established in 1964, the National Institute of Technical Teachers' Training and Research (NITTTR) Chennai has played a pivotal role in strengthening technical education in India through professional training, skill development and institutional transformation. For more than six decades, the Institute has empowered learners from diverse backgrounds, delivered inclusive and innovative learning experiences and significantly contributed to international capacity building initiatives.

In its Diamond Jubilee year (2024), NITTTR Chennai was conferred the status of an "Institution Deemed to be University" under the Distinct category, enabling the Institute to launch academic programmes alongside its long-standing training mandate. In alignment with the National Education Policy (NEP) 2020, Atmanirbhar Bharat Abhiyan and the United Nations Sustainable Development Goals, the Institute actively promotes indigenous innovations and advanced training in the emerging domains, while also emphasising the integration of Indian Knowledge Systems and Universal Human Values into education and research. At NITTTR Chennai, the learners are equipped with strong theoretical foundations and future-ready skills aligned with the rapidly evolving technological ecosystem. The Institute also serves as a catalyst for industry-responsive technical education by fostering dynamic partnerships across multiple sectors.

The Institute serves as the National Coordinator for SWAYAM and the National Initiative for Technical Teachers Training (NITTT), playing a critical role in advancing digital and teacher education in India. Through Indian Technical and Economic Cooperation (ITEC) programmes and SWAYAM courses, NITTTR Chennai reaches learners across more than 85% of the globe, reflecting its strong international footprint. During the academic year 2025-26, the Institute conducted around 400 programmes across diverse domains, demonstrating its continued leadership in capacity building. Thus, NITTTR Chennai stands as a living testament to India's enduring pursuit of knowledge, skills and national progress.

Developing Professionals, Strengthening the Nation
1966 - February 2026

Legacy & Impact

5500+	Professional Development Programmes
1,17,000+	Participants
850+	Host Institution Programmes
35,000+	Participants
350+	Skill Development Programmes
8,000+	Participants
21	Industrial Training Programmes
350+	Participants
192	International Programmes under (ITEC)
3500+	Participants
120	Countries
142	Courses Built under SWAYAM
9.5 L+	Learners
3.4 L+	Globally
170+	Countries
+96%	Annual Growth
30,000+	NITTT Registration

Dual-Role : Assessment Agency & Awarding Body

NCVET Recognition

Certifications include Notional Learning Hours as per National Standards.

NCrF Alignment

National Coordinator for SWAYAM

National Coordinator for NITTT

AY 2025 - 2026
(upto February 2026)

Our Extension Centres (EC) @

- *Bengaluru, Karnataka (ECB)*
- *Hyderabad, Telangana (ECH)*
- *Kalamassery, Kerala (ECK)*
- *Vijayawada, Andra Pradesh (ECV)*

Participants Trained through our Professional Development, Host Institution & Skill Development Programmes

	Programmes	Participants
Contact Mode	158	4748
Online Mode	193	4155
Hybrid Mode	02	47

Catering to Southern States

Training for Transformation: Number of Training Programmes Offered by Departments

Civil Engineering — 49

Computer Science & Engineering — 64

Curriculum Development & Capacity Building — 23

Education — 104

Educational Media & Technology — 27

Electrical & Electronics Engineering — 26

Electronics & Communication Engineering — 21

Mechanical Engineering — 64

Rural & Entrepreneurship Development — 33

Training for Transformation: Number of Training Programmes Aligned with UN SDGs

1 NO POVERTY	42
2 ZERO HUNGER	01
3 GOOD HEALTH AND WELL-BEING	08
4 QUALITY EDUCATION	211
5 GENDER EQUALITY	02
6 CLEAN WATER AND SANITATION	01
7 AFFORDABLE AND CLEAN ENERGY	07
8 DECENT WORK AND ECONOMIC GROWTH	10
9 INDUSTRY, INNOVATION AND INFRASTRUCTURE	108
10 REDUCED INEQUALITIES	02
11 SUSTAINABLE CITIES AND COMMUNITIES	06
12 RESPONSIBLE CONSUMPTION AND PRODUCTION	04
13 CLIMATE ACTION	02
14 LIFE BELOW WATER	03
15 LIFE ON LAND	01
16 PEACE, JUSTICE AND STRONG INSTITUTIONS	01
17 PARTNERSHIPS FOR THE GOALS	02

Training for Transformation: Number of Trainings Programmes Aligned with National Missions

02	Aspirational Districts Programme
04	Ayushman Bharat – Pradhan Mantri Jan Arogya Yojana (PM-JAY)
10	Digital India Programme
10	Digital Personal Data Protection Act (DPDP Act), 2023
01	Ek Bharat Shreshtha Bharat Programme
37	IndiaAI Mission
06	Jawaharlal Nehru National Solar Mission
21	Make in India Programme
02	Mission LiFE (Lifestyle for Environment)
02	National Action Plan on Climate Change (NAPCC)
36	National Curriculum Framework (NCF)
02	National Disaster Management Authority (NDMA) Guidelines & Policy
33	National Education Policy 2020 (NEP 2020)
03	National Electric Mobility Mission Plan (NEMMP)
03	National Green Hydrogen Mission
02	National Infrastructure Pipeline (NIP)
01	National Intellectual Property Rights Policy
28	National Mission on Cyber-Physical Systems (NM-CPS)
36	National Mission on Education through Information & Communication Technology (NME-ICT)
02	National Quantum Mission
11	National Research Foundation (NRF)
02	National Skill Development Mission (NSDM)
11	National Strategy for Artificial Intelligence (NITI Aayog)
02	Pradhan Mantri Gati Shakti – National Master Plan
15	Pradhan Mantri Kaushal Vikas Yojana (PMKVY)
59	Rashtriya Uchchatar Shiksha Abhiyan (RUSA)
05	Production Linked Incentive (PLI) Scheme
01	Samagra Shiksha Abhiyan
18	Skill India Mission
04	Smart Cities Mission
15	Standards and Accreditation Frameworks (NBA/NAAC/NIRF)
20	Startup India Initiative
02	Study Webs of Active Learning for Young Aspiring Minds (SWAYAM)
03	Swachh Bharat Mission
02	Viksit Bharat @2047

Comprehensive Training Schedule Aligned with and Organized under Government Policies and Guidelines

Format for Course Details

Course Name		
Course Id	Course Details	Offerring Department

Ek Bharat Shreshtha Bharat Programme

Sustainable Engineering

1835 — 07 - 12 Dec 2026 | NITTTR Chennai | Online | SDG 4

Swachh Bharat Mission

Integrated Solid Waste Management

1815 — 04 - 08 May 2026 | NITTTR Chennai | Online | SDG 13

Water, Sanitation and Waste Management for Rural Development

1681 — 13 - 17 Jul 2026 | NITTTR Chennai | Online | SDG 15

Green Campus Initiatives for Higher Educational Institutions

1834 — 16 - 18 Sep 2026 | EC-Kalamassery | Offline | SDG 4

Digital India Programme

Advancing Research Excellence in the 21st Century: Trends, Tools, and Techniques for Quality Education and Innovation

1692 — 20 - 24 April 2026 | NITTTR Chennai | Online | SDG 1

Digital Entrepreneurship & Innovation Ecosystems

1691 — 18 - 22 May 2026 | NITTTR Chennai | Online | SDG 9

Full Stack Web Development

1638 — 08 - 12 June 2026 | NITTTR Chennai | Online | SDG 9

Digital Transformation and AI in Academic Management

1655 — 15 - 19 June 2026 | NITTTR Chennai | Online | SDG 4

Creating Engaging Digital Content Tools and Techniques for Educators

1741 — 20 - 24 July 2026 | NITTTR Chennai | Online | SDG 4

Design and Analysis of Algorithm using Python

1642 — 27 - 31 July 2026 | NITTTR Chennai | Online | SDG 9

HR Analytics & Workforce Planning

1703 — 05 - 09 October 2026 | NITTTR Chennai | Online | SDG 8

Front - End Web Design using HTML, CSS3 & ReactJS

1634 — 16 - 20 November 2026 | NITTTR Chennai | Online | SDG 9

Business Analytics using Power BI

1710 — 04 - 08 January 2027 | NITTTR Chennai | Online | SDG 4

Fundamentals of Cloud Computing

1789 — 08 - 12 February 2027 | NITTTR Chennai | Online | SDG 1

Digital Personal Data Protection Act (DPDP Act), 2023

Advanced Cryptography Techniques

1749 — 06 - 10 April 2026 | NITTTR Chennai | Online | SDG 1

Privacy and Security Challenges in Online Social Media

1753 — 04 - 08 May 2026 | NITTTR Chennai | Online | SDG 1

Security Principles in Modern Computing Environments

1754 — 08 - 12 June 2026 | NITTTR Chennai | Online | SDG 1

Cyber Security and Digital Defense Mechanisms

1755 — 06 - 10 July 2026 | NITTTR Chennai | Online | SDG 1

Data Analytics with Python for Media Applications

1744 — 07 - 11 September 2026 | NITTTR Chennai | Online | SDG 4

Integrating DApps with Blockchain for Web 3.0 Technologies

1641 — 21 - 25 September 2026 | NITTTR Chennai | Online | SDG 9

Data Privacy and Security in the Digital Era

1765 — 16 - 20 November 2026 | NITTTR Chennai | Online | SDG 1

Information Security for Academicians and Professionals

1772 — 14 - 18 December 2026 | NITTTR Chennai | Online | SDG 1

Fundamentals of Digital Forensics

1774 — 04 - 08 January 2027 | NITTTR Chennai | Online | SDG 1

Smart Ocean Vision: Deep Learning for Underwater Imaging Analytics

1885 — 18 - 22 January 2027 | NITTTR Chennai | Hybrid | SDG 14

National Mission on Education through Information and Communication Technology (NME - ICT)

AI - Driven Teaching: Tools, Techniques and Trends

1546 — 06 - 10 April 2026 | NITTTR Chennai | Hybrid | SDG 4

Smart Content Design for Engaged Classrooms

1516 — 20 - 24 April 2026 | NITTTR Chennai | Online | SDG 4

E - Content Development and Learning Management System

1842 — 04 - 08 May 2026 | NITTTR Chennai | Offline | SDG 4

Application of Python in Civil Engineering

1505 — 18 - 22 May 2026 | NITTTR Chennai | Offline | SDG 4

Digital Tools for Education

1779 — 18 - 22 May 2026 | NITTTR Chennai | Offline | SDG 4

Python Programming for Mechanical Engineering

1701 — 01 - 05 June 2026 | NITTTR Chennai | Offline | SDG 9

Business Analytics Fundamentals

1693 — 15 - 19 June 2026 | NITTTR Chennai | Online | SDG 4

AI Tools for Educators

1557 — *29 June - 03 July 2026 | NITTTR Chennai | Offline | SDG 4*

CAD Modeling

1702 — *06 - 10 July 2026 | NITTTR Chennai | Offline | SDG 4*

Blended and Hybrid Learning Models in Higher Education

1558 — *27 - 31 July 2026 | NITTTR Chennai | Hybrid | SDG 4*

AI Tools (for Educators)

1561 — *03 - 07 August 2026 | EC-Hyderabad | Offline | SDG 4*

AI Tools (for Educators)

1560 — *03 - 07 August 2026 | EC-Hyderabad | Offline | SDG 4*

Digital Tools for Education

1553 — *10 - 14 August 2026 | NITTTR Chennai | Online | SDG 4*

Designing Collaborative Learning Through Video Pedagogy

1528 — *17 - 21 August 2026 | NITTTR Chennai | Online | SDG 4*

Business Analytics using Tableau

1698 — *07 - 11 September 2026 | NITTTR Chennai | Online | SDG 4*

Communication Skills Laboratory

1795 — *21 - 25 September 2026 | NITTTR Chennai | Offline | SDG 4*

Data Communication and Networks: Concepts and Protocols

1760 — *21 - 25 September 2026 | NITTTR Chennai | Online | SDG 1*

Smart Teaching Strategies for Gen Z

1595 — *21 - 25 September 2026 | NITTTR Chennai | Hybrid | SDG 4*

Gamification Practices in Teaching and Learning

1797 — *05 - 09 October 2026 | NITTTR Chennai | Online | SDG 4*

Creating Interactive Educational Videos with Adobe Captivate

1589 — *05 - 09 October 2026 | NITTTR Chennai | Online | SDG 4*

AI tools (for Educators)

1567 — *05 - 09 October 2026 | EC-Hyderabad | Offline | SDG 4*

Application of Python in Civil Engineering

1511 — *26 - 30 October 2026 | NITTTR Chennai | Offline | SDG 4*

From Concept to Course: End - to - End MOOC Development Using Professional Studio Infrastructure

1717 — *16 - 20 November 2026 | NITTTR Chennai | Offline | SDG 4*

Business Analytics through Data Visualization Tools and Techniques

1705 — *16 - 20 November 2026 | NITTTR Chennai | Online | SDG 4*

E - Content and Lab Manual Development in Civil Engineering

1848 — *07 - 11 December 2026 | FISAT Cochin | Offline | SDG 1*

Future - Ready Educators: AI, ICT and Pedagogy

1604 — *14 - 18 December 2026 | NITTTR Chennai | Online | SDG 4*

E - Content Development, LMS Management, and AI-Driven Learning Analytics

1888 — *04 - 08 January 2027 | NITTTR Chennai | Offline | SDG 4*

AI – Enabled Assessment Planning and Question Paper Design

1671 — *04 - 08 January 2027 | NITTTR Chennai | Online | SDG 4*

AI Tools for Academic Research

1782 — *18 - 22 January 2027 | NITTTR Chennai | Hybrid | SDG 4*

Database systems SQL and NoSQL

1902 — *01 - 05 February 2027 | NITTTR Chennai | Online | SDG 4*

AI, ICT and Learner Centric Approach

1785 — *08 - 12 February 2027 | NITTTR Chennai | Hybrid | SDG 4*

Instructional Material Development Using Open Educational Resources

1855 — *22 - 26 February 2027 | NITTTR Chennai | Online | SDG 4*

Technology - Enhanced Teaching Strategies

1609 — *22 - 26 February 2027 | NITTTR Chennai | Online | SDG 4*

Network and Server Administration

1808 — *15 - 19 March 2027 | NITTTR Chennai | Offline | SDG 1*

Digital Tools for Educators

1786 — *15 - 19 March 2027 | NITTTR Chennai | Online | SDG 4*

National Disaster Management Authority (NDMA) Guidelines & Policy

Construction Techniques for Earthquake Resistant Structures

1504 — *20 - 24 Apr 2026 | NITTTR Chennai | Online | SDG 11*

GIS Applications in Disaster Management

1579 — *01 - 05 Jun 2026 | Stella Marys Engineering College Nagarcoil, Tamil Nadu | Offline | SDG 1*

National Curriculum Framework (NCF)

Verilog Programming for Digital Logic Circuit Design

1866 — *04 - 08 May 2026 | NITTTR Chennai | Online | SDG 4*

Professional Communication Skills

1756 — *11 - 15 May 2026 | NITTTR Chennai | Online | SDG 1*

Design of open-ended Civil Engineering Experiments

1577 — *11 - 15 May 2026 | NITTTR Chennai | Offline | SDG 4*

Simulators for Embedded Controller Programming

1867 — *01 - 05 Jun 2026 | NITTTR Chennai | Online | SDG 4*

Computer Networks & Cyber Security

1555 — *22 - 26 Jun 2026 | EC-Hyderabad | Offline | SDG 4*

Outcome Based Education

1751 — *29 Jun - 03 Jul 2026 | EC-Vijayawada | Offline | SDG 4*

Optimizing Labs and Projects for Quality Outcome

1617 — *29 Jun - 03 Jul 2026 | NITTTR Chennai | Offline | SDG 4*

8051 Micro Controller Programming and Interfacing Applications

1892 — *06 - 10 Jul 2026 | NITTTR Chennai | Online | SDG 4*

Programming Concepts for Mechanical Engineers

1479 — *06 - 10 Jul 2026 | EC-Bengaluru | Offline | SDG 4*

Assessment Excellence for Effective Implementation of OBE

1080 — *20 - 24 Jul 2026 | NITTTR Chennai | Online | SDG 4*

Induction Program for Newly Recruited Teachers

1588 — *20 - 31 Jul 2026 | EC-Kalamassery | Offline | SDG 1*

Project-Based Learning in Education

1544 — *03 - 07 Aug 2026 | NITTTR Chennai | Online | SDG 4*

Competency Based Lab Instruction: Open Ended Experiments

1509 — *03 - 07 Aug 2026 | NITTTR Chennai | Offline | SDG 4*

Wireless Communication Technologies and Systems

1893 — *17 - 21 Aug 2026 | NITTTR Chennai | Online | SDG 4*

Innovation in Question Paper Design and Student Assessment in the OBE Era

1540 — *17 - 21 Aug 2026 | NITTTR Chennai | Online | SDG 4*

Simulators for ECE and EEE Applications

1894 — *31 Aug - 04 Sep 2026 | NITTTR Chennai | Online | SDG 4*

Problem-Solving Skills in Engineering through Self-Directed Learning

1616 — *31 Aug - 04 Sep 2026 | NITTTR Chennai | Online | SDG 4*

Active Learning Processes - Hands on Practice

1794 — *07 - 11 Sep 2026 | EC-Bengaluru | Offline | SDG 4*

Outcome-Based Education (OBE) & Curriculum Alignment

1661 — *05 - 09 Oct 2026 | NITTTR Chennai | Online | SDG 4*

Integrated Pedagogy for Technical Teachers

1492 — *05 - 09 Oct 2026 | EC-Bengaluru | Offline | SDG 4*

VHDL Programming for Digital Logic Circuit Design

1900 — *12 - 16 Oct 2026 | NITTTR Chennai | Online | SDG 4*

Developing OBE Attributes - Communication, Teamwork and Lifelong Learning

1800 — *12 - 16 Oct 2026 | EC-Bengaluru | Offline | SDG 4*

Redefining Student Assessment: The Rise of Open Book Exams

1761 — *12 - 16 Oct 2026 | EC-Vijayawada | Offline | SDG 4*

Effective OBE Pedagogy

1543 — *12 - 16 Oct 2026 | NITTTR Chennai | Online | SDG 4*

Matlab Programming and its Engineering Applications

1895 — *02 - 06 Nov 2026 | NITTTR Chennai | Online | SDG 4*

Question Paper Authoring & Student Evaluation

1545 — *16 - 20 Nov 2026 | NITTTR Chennai | Online | SDG 4*

Modern Pedagogical Techniques & Outcome Based Education

1766 — *23 - 27 Nov 2026 | EC-Vijayawada | Offline | SDG 4*

Design Thinking and Innovation

1767 — *14 - 18 Dec 2026 | EC-Vijayawada | Offline | SDG 4*

Advanced Course in ECE

1898 — *28 Dec 2026 - 01 Jan 2027 | NITTTR Chennai | Online | SDG 4*

Outcome-Based Education (OBE) in align with C-26 Curriculum

1770 — *04 - 08 Jan 2027 | EC-Vijayawada | Offline | SDG 4*

Innovation & Design thinking through CDIO model

1481 — *04 - 08 Jan 2027 | EC-Bengaluru | Offline | SDG 4*

OBE & Accreditation- GAPC 4.0

1809 — *18 - 22 Jan 2027 | EC-Kalamassery | Offline | SDG 1*

LabVIEW Programming and Applications

1899 — *01 - 05 Feb 2027 | NITTTR Chennai | Online | SDG 4*

National Education Policy 2020 (NEP 2020)

Biomedical Electronics, Telemedicine and IoT in Healthcare

1879 — *06 - 10 Apr 2026 | NITTTR Chennai | Online | SDG 4*

Advanced Instructional Methods

1498 — *20 - 24 Apr 2026 | EC-Vijayawada | Offline | SDG 1*

Fundamentals of Python and IoT

1542 — *04 - 08 May 2026 | EC-Hyderabad | Offline | SDG 4*

Assessment & Evaluation Strategies

1653 — *04 - 08 May 2026 | NITTTR Chennai | Online | SDG 4*

Outcome Driven Question Crafting

1784 — *11 - 15 May 2026 | NITTTR Chennai | Offline | SDG 4*

AI, Educational Media, and Technology-Enhanced Teaching in Engineering Education

1695 — *11 - 15 May 2026 | NITTTR Chennai | Online | SDG 4*

Fundamentals of Python and IoT

1548 — *25 - 29 May 2026 | EC-Hyderabad | Offline | SDG 4*

Fundamentals of Python and IoT

1551 — *01 - 05 Jun 2026 | EC-Hyderabad | Offline | SDG 4*

CAD & Hands-on

1552 — *08 - 12 Jun 2026 | EC-Hyderabad | Offline | SDG 4*

MATLAB and LabVIEW Programming for Engineering Applications

1880 — *15 - 19 Jun 2026 | NITTTR Chennai | Online | SDG 4*

Student Psychology & Mentoring

1530 — *15 - 19 Jun 2026 | NITTTR Chennai | Online | SDG 4*

AR and VR for Educators: Concepts, Tools and Classroom Integration

1566 — *15 - 19 Jun 2026 | NITTTR Chennai | Offline | SDG 4*

Tools for Inclusive Education

1781 — *06 - 10 Jul 2026 | NITTTR Chennai | Online | SDG 4*

Fundamentals AI and ML

1559 — *13 - 17 Jul 2026 | EC-Hyderabad | Offline | SDG 4*

Training Calendar 2026 - 27

Induction Training Programme

1572 — 20 - 31 Jul 2026 | NITTTR Chennai | Offline | SDG 4

Student Centric Learning

1752 — 27 - 31 Jul 2026 | EC-Vijayawada | Offline | SDG 4

Design Thinking for Students Projects

1706 — 03 - 07 Aug 2026 | NITTTR Chennai | Offline | SDG 11

Managing Emotions at Work

1658 — 03 - 07 Aug 2026 | NITTTR Chennai | Online | SDG 3

Fundamentals AI and ML

1562 — 17 - 21 Aug 2026 | EC-Hyderabad | Offline | SDG 4

Technology Integration in Teaching and Learning

1757 — 24 - 28 Aug 2026 | EC-Vijayawada | Offline | SDG 4

Green Campus Initiatives for Higher Educational Institutions

1606 — 07 - 11 Sep 2026 | NSS College of Engineering Palakkad | Offline | SDG 1

Induction Training Programme

1578 — 07 - 18 Sep 2026 | NITTTR Chennai | Online | SDG 4

ICT in Teaching and Learning

1758 — 21 - 25 Sep 2026 | EC-Vijayawada | Offline | SDG 4

Fundamentals AI and ML

1565 — 21 - 25 Sep 2026 | EC-Hyderabad | Offline | SDG 4

Intelligent Engineering Education: AI & ML for the Next Generation Classroom

1882 — 12 - 16 Oct 2026 | NITTTR Chennai | Hybrid | SDG 4

Psychological Safety: Clear Blocks to Innovate, Colloborate and Risk-Taking

1663 — 07 - 11 Dec 2026 | NITTTR Chennai | Online | SDG 3

NEP 2020 Orientation: Designing Entrepreneurship-Based Curriculum

1687 — 14 - 18 Dec 2026 | NITTTR Chennai | Online | SDG 1

Television Studio Production and Broadcasting Techniques

1715 — 04 - 08 Jan 2027 | NITTTR Chennai | Online | SDG 9

Fundamentals AI and ML

1571 — 04 - 08 Jan 2027 | EC-Hyderabad | Offline | SDG 4

Psychometric Assessment

1594 — 01 - 05 Feb 2027 | NITTTR Chennai | Offline | SDG 4

Fundamentals of Python and IoT

1573 — 08 - 12 Feb 2027 | EC-Hyderabad | Offline | SDG 4

Student Engagement and Motivation Techniques

1665 — 08 - 12 Feb 2027 | NITTTR Chennai | Online | SDG 4

Teaching Universal Human Values

1805 — 22 - 26 Feb 2027 | NITTTR Chennai | Online | SDG 4

National Research Foundation (NRF)

Scholarly Writing and Publication Strategies for Management Research

1677 — 04 - 08 May 2026 | NITTTR Chennai | Online | SDG 1

From Concept to Publication: Mastering Research Articles and Proposals

1537 — 04 - 08 May 2026 | NITTTR Chennai | Offline | SDG 4

From Idea to Funding: Hands-on Grant Proposal Development

1482 — 04 - 08 May 2026 | NITTTR Chennai | Hybrid | SDG 4

Preparation of Research Insights and Manuscript Development

1750 — 18 - 22 May 2026 | EC-Vijayawada | Offline | SDG 4

Research Design, Data Analysis and Scientific Writing

1582 — 01 - 05 Jun 2026 | NITTTR Chennai | Online | SDG 4

Innovative Use of Educational Media and Technology

1518 — 29 Jun - 03 Jul 2026 | NITTTR Chennai | Online | SDG 4

Academic Writing & Publishing Mastery Using LaTeX

1525 — 27 - 31 Jul 2026 | NITTTR Chennai | Online | SDG 4

From Proposal to Funding: Navigating the Startup Ecosystem

1684 — 21 - 25 Sep 2026 | NITTTR Chennai | Offline | SDG 4

From Research to Publication and Patent: A Practical Approach

1489 — 05 - 09 Oct 2026 | NITTTR Chennai | Hybrid | SDG 4

IP Rights to Technology Transfer: HEI Innovations Serving Corporate Needs

1685 — 26 - 30 Oct 2026 | NITTTR Chennai | Online | SDG 1

Bibliometrics, Research Mapping, and Citation Intelligence

1607 — 18 - 22 Jan 2027 | NITTTR Chennai | Online | SDG 4

Rashtriya Uchchatar Shiksha Abhiyan (RUSA)

Advanced Pedagogy

1495 — 06 - 10 Apr 2026 | EC-Kalamassery | Offline | SDG 1

Advanced Pedagogy (2 Weeks)

1524 — 06 - 17 Apr 2026 | NITTTR Chennai | Online | SDG 4

Quality Assurance Frameworks for Technical Education Accreditation

1507 — 20 - 24 Apr 2026 | NITTTR Chennai | Online | SDG 4

Advanced Pedagogy

1526 — 20 - 24 Apr 2026 | NITTTR Chennai | Online | SDG 4

Advanced Pedagogy

1527 — 04 - 08 May 2026 | NITTTR Chennai | Offline | SDG 4

Outcome-Based Education (OBE) - From Course Outcomes to Attainment

1547 — 11 - 15 May 2026 | NITTTR Chennai | Online | SDG 4

Outcome Based Education and GAPC 4.0

1819 — 18 - 22 May 2026 | NITTTR Chennai | Offline | SDG 4

Induction Training Programme
1510 | 18 - 29 May 2026 | EC-Hyderabad | Offline | SDG 4

Infographics & Visual Thinking for Academic Communication
1514 | 18 - 22 May 2026 | NITTTR Chennai | Online | SDG 4

Advanced Pedagogy
1549 | 18 - 22 May 2026 | EC-Hyderabad | Offline | SDG 4

Advanced Pedagogy
1475 | 01 - 05 Jun 2026 | EC-Bengaluru | Offline | SDG 4

Design and Detailing of RCC elements
1506 | 01 - 05 Jun 2026 | NITTTR Chennai | Offline | SDG 4

AI Tools for Outcome-Based Education and Accreditation
1670 | 01 - 05 Jun 2026 | NITTTR Chennai | Online | SDG 4

Advanced Pedagogy
1531 | 08 - 12 Jun 2026 | NITTTR Chennai | Offline | SDG 4

AI tools for Effective learning
1472 | 08 - 12 Jun 2026 | EC-Bengaluru | Offline | SDG 4

Advanced Pedagogy and Innovative Teaching Learning Strategies
1831 | 08 - 12 Jun 2026 | EC-Hyderabad | Offline | SDG 4

Computer Aided Design - Hands on
1593 | 15 - 19 Jun 2026 | EC-Hyderabad | Offline | SDG 4

Developing OBE Attributes- Communication teamwork & Life Long learning
1476 | 13 - 17 Jul 2026 | EC-Bengaluru | Offline | SDG 4

Advanced Pedagogical Techniques in Digital Learning and Emerging Technologies
1704 | 20 - 24 Jul 2026 | EC-Vijayawada | Offline | SDG 4

CNC Programming & Machining
1533 | 20 - 24 Jul 2026 | GPT, Holenarasipura, Karnataka | Offline | SDG 4

Instructional Design and Delivery Systems
1575 | 20 - 24 Jul 2026 | NITTTR Chennai | Offline | SDG 4

Innovative Strategies for Functionalizing Entrepreneurship Development Cells
1682 | 27 - 31 Jul 2026 | NITTTR Chennai | Online | SDG 1

Advanced Pedagogy
1576 | 27 - 31 Jul 2026 | NITTTR Chennai | Offline | SDG 4

Industrial Automation
1535 | 03 - 07 Aug 2026 | GPT, Holenarasipura, Karnataka | Offline | SDG 4

AI tools for Effective learning
1473 | 10 - 14 Aug 2026 | EC-Bengaluru | Offline | SDG 4

Digital Pedagogy for Effective Teaching and Learning
1563 | 10 - 14 Aug 2026 | NITTTR Chennai | Hybrid | SDG 4

Structural Analysis
1512 | 17 - 21 Aug 2026 | NITTTR Chennai | Offline | SDG 4

Foundations of Curriculum Design in Higher Education
1791 | 17 - 21 Aug 2026 | NITTTR Chennai | Online | SDG 4

Developing OBE Attributes - Communication teamwork & Life Long learning
1477 | 17 - 21 Aug 2026 | EC-Bengaluru | Offline | SDG 4

Active Learning Processes- Hands on Practice
1480 | 31 - 04 Sep 2026 | EC-Bengaluru | Offline | SDG 4

Instructional Design and Delivery Systems
1580 | 07 - 11 Sep 2026 | NITTTR Chennai | Online | SDG 4

Design of Steel Structures
1513 | 07 - 11 Sep 2026 | NITTTR Chennai | Offline | SDG 4

Outcome-Based Education (OBE) in align with C-26 Curriculum
1709 | 07 - 11 Sep 2026 | EC-Vijayawada | Offline | SDG 4

Embedded Systems
1564 | 07 - 11 Sep 2026 | EC-Hyderabad | Offline | SDG 4

NBA Accreditation Process
1583 | 14 - 18 Sep 2026 | JSS Polytechnic for the Differently Abled JSS Technical Institutions' Campus, Karnataka | Offline | SDG 4

Advanced Pedagogy
1581 | 15 - 19 Sep 2026 | NITTTR Chennai | Online | SDG 4

Quality Assurance in Higher Education Institution
1833 | 21 - 25 Sep 2026 | NITTTR Chennai | Offline | SDG 4

Career Guidance
1491 | 12 - 16 Oct 2026 | EC-Bengaluru | Offline | SDG 4

Assessment and Evaluation Excellence: Tools, Mapping and Attainment
1618 | 12 - 16 Oct 2026 | NITTTR Chennai | Online | SDG 4

NBA Accreditation for UG and PG Programmes
1876 | 26 - 30 Oct 2026 | NITTTR Chennai | Online | SDG 4

Learner-Centred Design for Interactive Digital Pedagogy
1570 | 26 - 30 Oct 2026 | NITTTR Chennai | Online | SDG 4

NBA Accreditation Process
1568 | 26 - 30 Oct 2026 | EC-Hyderabad | Offline | SDG 4

Analysis and Design of structures using ETABS
1517 | 02 - 06 Nov 2026 | NITTTR Chennai | Offline | SDG 4

Designing Effective Student-Centric Learning Experiences
1619 | 02 - 06 Nov 2026 | NITTTR Chennai | Online | SDG 4

Foundations of Curriculum Design in Higher Education
1802 | 16 - 20 Nov 2026 | NITTTR Chennai | Online | SDG 4

Innovative Teaching Learning Strategies for Technical Educators
1621 | 30 - 04 Dec 2026 | NITTTR Chennai | Online | SDG 4

Artificial Intelligence for Teaching and Learning
1804 | 04 - 08 Jan 2027 | NITTTR Chennai | Offline | SDG 4

Micro & Macro Teaching Skills for Technical Teachers

1493 — 18 - 22 Jan 2027 | EC-Bengaluru | Offline | SDG 4

Industrial Automation

1536 — 01 - 05 Feb 2027 | GPT, Holenarasipura, Karnataka | Offline | SDG 4

Question Paper Setting and Student Evaluation

1672 — 01 - 05 Feb 2027 | NITTTR Chennai | Online | SDG 4

CNC Programming & Machining

1534 — 08 - 12 Feb 2027 | GPT, Holenarasipura, Karnataka | Offline | SDG 4

Establishing, Structuring and Developing EDCs: OBE alignment

1688 — 08 - 12 Feb 2027 | NITTTR Chennai | Offline | SDG 1

Advanced Structural Design

1520 — 15 - 19 Feb 2027 | NITTTR Chennai | Offline | SDG 4

Design of Steel Structures

1521 — 22 - 26 Feb 2027 | NITTTR Chennai | Offline | SDG 4

Outcome Based Education (OBE) in alignment with C-26 Curriculum

1674 — 01 - 05 Mar 2027 | EC-Vijayawada | Offline | SDG 4

Analysis and Design of Structures using ETABS

1522 — 01 - 05 Mar 2027 | NITTTR Chennai | Offline | SDG 4

AI tools for Effective Learning

1474 — 01 - 05 Mar 2027 | EC-Bengaluru | Offline | SDG 4

Micro & Macro Teaching Skills for Technical Teachers

1806 — 01 - 05 Mar 2027 | NITTTR Chennai | Online | SDG 4

Societal Responsibility of Engineers

1490 — 08 - 13 Mar 2027 | EC-Bengaluru | Offline | SDG 4

Samagra Shiksha Abhiyan

Digital Literacy for Educators

1591 — 16 - 20 Nov 2026 | NITTTR Chennai | Online | SDG 4

Study Webs of Active Learning for Young Aspiring Minds (SWAYAM)

Multimedia Lab

1601 — 07 - 12 Dec 2026 | NITTTR Chennai | Online | SDG 4

Emerging Trends in Digital Learning Environment

1610 — 15 - 19 Mar 2027 | NITTTR Chennai | Online | SDG 4

IndiaAI Mission

Basics of Neural Network and Deep Learning with Practical Applications

1812 — 06 - 10 Apr 2026 | NITTTR Chennai | Online | SDG 4

Machine Learning

1612 — 06 - 10 Apr 2026 | NITTTR Chennai | Online | SDG 1

Python Library for Generative AI

1849 — 20 - 24 Apr 2026 | NITTTR Chennai | Online | SDG 9

Foundations of AI with Python Programming

1652 — 20 - 24 Apr 2026 | NITTTR Chennai | Online | SDG 4

AI&ML for Core Circuit Branches with Practical Applications

1814 — 04 - 08 May 2026 | NITTTR Chennai | Offline | SDG 4

Data Science for Engineering Applications

1613 — 04 - 08 May 2026 | NITTTR Chennai | Online | SDG 4

Applications of Artificial Intelligence and Machine Learning in Electrical and Electronics Engineering

1856 — 11 - 15 May 2026 | NITTTR Chennai | Offline | SDG 9

LLMOps Tools for building AI Applications

1850 — 11 - 15 May 2026 | NITTTR Chennai | Offline | SDG 9

Advanced Hands-on Training on Crafting Competitive Proposals for National, International & Industry Funding

1862 — 18 - 22 May 2026 | NITTTR Chennai | Offline | SDG 9

AI Techniques for Handling Text Data

1821 — 06 - 10 Jul 2026 | NITTTR Chennai | Online | SDG 4

Next-Generation Wireless Communication & Intelligent Embedded Systems

1864 — 13 - 17 Jul 2026 | NITTTR Chennai | Hybrid | SDG 9

State-of-the-Art Developments and Future Roadmap of Drones

1486 — 20 - 24 Jul 2026 | NITTTR Chennai | Online | SDG 9

AI Tools for Effective Learning

1787 — 27 - 31 Jul 2026 | NITTTR Chennai | Offline | SDG 4

Machine Learning for Electrical and Electronics Applications

1647 — 03 - 07 Aug 2026 | NITTTR Chennai | Online | SDG 9

AI Fundamentals and Python for Beginners

1860 — 10 - 14 Aug 2026 | NITTTR Chennai | Online | SDG 4

Generative AI Essentials - Core Mechanisms & Tooling

1851 — 10 - 14 Aug 2026 | NITTTR Chennai | Online | SDG 9

Foundations of Artificial Intelligence and Search Techniques

1823 — 10 - 14 Aug 2026 | NITTTR Chennai | Online | SDG 4

Practical AI Engineering Algorithms Models and Applications

1861 — 07 - 11 Sep 2026 | NITTTR Chennai | Online | SDG 9

Basics of Natural Language Processing

1813 — 07 - 11 Sep 2026 | NITTTR Chennai | Online | SDG 4

Next-Generation Underwater Sensors in Marine and Ocean Engineering

1865 — 21 - 25 Sep 2026 | NITTTR Chennai | Hybrid | SDG 14

Modern AI Tools for Application Development and Deployment

1639 — 05 - 09 Oct 2026 | NITTTR Chennai | Online | SDG 4

AI-Powered E-Content Development for Modern Educators

1853 — 02 - 06 Nov 2026 | NITTTR Chennai | Online | SDG 4

Understanding Machine Learning Algorithms Concept, Manual Implementation and Tool Usage

1826 — 02 - 06 Nov 2026 | NITTTR Chennai | Online | SDG 4

Empowering Teachers with ICT and EdTech Tools

1597 — *02 - 06 Nov 2026 | NITTTR Chennai | Offline | SDG 4*

Foundations of AI&ML

1827 — *07 - 11 Dec 2026 | EC-Hyderabad | Offline | SDG 4*

Next - Generation UAV Technologies: From Design and AI Integration to Industrial Deployment and DGCA Compliance

1500 — *07 - 18 Dec 2026 | NITTTR Chennai | Offline | SDG 9*

Transfer Learning Techniques for Multi - Modality Data Analysis

1829 — *04 - 08 Jan 2027 | NITTTR Chennai | Online | SDG 4*

The Future of Robotics: Autonomy, Intelligence, and Human–Robot Interaction

1501 — *04 - 08 Jan 2027 | NITTTR Chennai | Online | SDG 9*

Artificial Intelligence and Machine Learning: Concepts and Fundamentals

1783 — *18 - 22 Jan 2027 | NITTTR Chennai | Offline | SDG 1*

Emerging Tools and Techniques for Research Proposal Writing

1830 — *01 - 05 Feb 2027 | NITTTR Chennai | Online | SDG 4*

Practical Natural Language Processing with Python

1904 — *15 - 19 Feb 2027 | NITTTR Chennai | Online | SDG 8*

Next - Generation Intelligent Technologies: AI, VR and Autonomous Robotics

1886 — *15 - 19 Feb 2027 | NITTTR Chennai | Online | SDG 4*

Fundamentals of Deep Learning

1824 — *15 - 19 Feb 2027 | NITTTR Chennai | Online | SDG 4*

Industry 4.0 orientation (Digital transformation in smart cities & smart manufacturing)

1775 — *22 - 26 Feb 2027 | EC-Vijayawada | Offline | SDG 9*

Agentic AI Tech Stack

1852 — *15 - 19 Mar 2027 | NITTTR Chennai | Online | SDG 9*

AI Applications in Chemical Engineering and Allied Disciplines

1675 — *15 - 19 Mar 2027 | NITTTR Chennai | Online | SDG 4*

National Mission on Cyber - Physical Systems (NM-CPS)

Sensor and Instrumentation Technologies for Industry 4.0

1847 — *20 - 24 Apr 2026 | NITTTR Chennai | Online | SDG 9*

Data Visualisation using PowerBI

1556 — *04 - 08 May 2026 | NITTTR Chennai | Online | SDG 4*

Advanced UAV Architectures with IoT and Image Analytics

1483 — *18 - 22 May 2026 | NITTTR Chennai | Online | SDG 9*

Industrial Automation: PLC, Robotics and IoT Integration

1700 — *08 - 12 Jun 2026 | NITTTR Chennai | Offline | SDG 9*

Sustainable Construction Materials & Techniques

1622 — *08 - 12 Jun 2026 | NITTTR Chennai | Offline | SDG 11*

Sensors and Actuators for IoT Applications

1857 — *15 - 19 Jun 2026 | NITTTR Chennai | Offline | SDG 9*

Vulnerability Analysis and Threat Prevention Mechanisms

1614 — *15 - 19 Jun 2026 | NITTTR Chennai | Online | SDG 9*

Advanced Surveying Methods using Total Station, GPS and LiDAR

1586 — *15 - 27 Jun 2026 | NITTTR Chennai | Offline | SDG 9*

Design and Construction of Concrete Pavement

1587 — *06 - 10 Jul 2026 | NITTTR Chennai | Online | SDG 9*

Reliability Based Design of Bituminous Pavement

1590 — *03 - 07 Aug 2026 | NITTTR Chennai | Online | SDG 9*

Robotics and Machine Vision

1708 — *17 - 21 Aug 2026 | Government College of Engineering Edikki | Offline | SDG 9*

Indoor Autonomous Vehicles

1643 — *17 - 21 Aug 2026 | NITTTR Chennai | Offline | SDG 9*

Advances in Mechatronics for Automation and Industry 4.0

1488 — *17 - 21 Aug 2026 | NITTTR Chennai | Online | SDG 9*

Industry 5.0: Concepts and Implementation

1711 — *07 - 11 Sep 2026 | NITTTR Chennai | Online | SDG 11*

AI Tools and Techniques for Construction Material and Management

1592 — *07 - 11 Sep 2026 | NITTTR Chennai | Online | SDG 9*

Recyclable and Reusable Materials for Sustainable Construction Activities

1596 — *05 - 09 Oct 2026 | NITTTR Chennai | Online | SDG 9*

Application of 3D Printing in Civil Engineering

1515 — *05 - 09 Oct 2026 | NITTTR Chennai | Offline | SDG 9*

Mechatronics

1718 — *07 - 11 Dec 2026 | NITTTR Chennai | Offline | SDG 9*

Next-Generation Autonomous Systems: Aerial and Underwater Robotics

1883 — *14 - 18 Dec 2026 | NITTTR Chennai | Hybrid | SDG 14*

Smart Automation Systems: Concepts to Industrial Deployment

1720 — *04 - 08 Jan 2027 | NITTTR Chennai | Offline | SDG 9*

Construction Industry 4.0

1629 — *04-08 Jan 2027 | NITTTR Chennai | Offline | SDG 9*

Advanced Surveying Methods using LiDAR

1603 — *04 - 08 Jan 2027 | NITTTR Chennai | Offline | SDG 9*

Artificial Intelligence and Machine Learning Enabled Modelling and Control of Cyber-Physical Systems

1891 — *18 - 22 Jan 2027 | NITTTR Chennai | Online | SDG 9*

Developing AR & VR Applications using Unity

1742 — *18 - 22 Jan 2027 | NITTTR Chennai | Offline | SDG 4*

Application of Drone Technology in Civil Infrastructure

1519 — *18 - 22 Jan 2027 | NITTTR Chennai | Offline | SDG 9*

Rheology of Civil Engineering Materials

1605 — *01 - 05 Feb 2027 | NITTTR Chennai | Online | SDG 9*

Advances in Control and Instrumentation Systems

1875 — 15 - 19 Feb 2027 | NITTTR Chennai | Online | SDG 9

Building IoT Systems

1903 — 08 - 12 Mar 2027 | NITTTR Chennai | Offline | SDG 12

National Quantum Mission

Quantum Computing for Beginners

1637 — 06 - 10 Apr 2026 | St. Joseph's Institute of Technology, Chennai, Tamilnadu | Offline | SDG 9

Quantum Computing Fundamentals

1843 — 27 - 31 Jul 2026 | NITTTR Chennai | Online | SDG 4

National Strategy for Artificial Intelligence (NITI Aayog)

Creating Engaging Training with Microsoft Tools and AI

229 — 18 - 22 May 2026 | NITTTR Chennai | Online | SDG 4

AI Agents

1818 — 08 - 12 Jun 2026 | NITTTR Chennai | Online | SDG 4

Data Analytics and Visualization

1615 — 13 - 17 Jul 2026 | NITTTR Chennai | Online | SDG 4

Predictive Analytics Modeling

1816 — 07 - 11 Sep 2026 | NITTTR Chennai | Online | SDG 4

LLM and Agentic AI with Practical Applications

1825 — 05 - 09 Oct 2026 | NITTTR Chennai | Online | SDG 4

Machine Learning for Beginners

1840 — 02 - 06 Nov 2026 | NITTTR Chennai | Online | SDG 4

Open Educational Resources in the Age of Artificial Intelligence

1598 — 14 - 18 Dec 2026 | NITTTR Chennai | Online | SDG 4

Use AI for Better Work-Life Balance

1666 — 22 - 26 Feb 2027 | NITTTR Chennai | Online | SDG 3

Machine Learning Essentials Hands-On Practice

1841 — 08 - 12 Mar 2027 | NITTTR Chennai | Online | SDG 4

Business Intelligence and its Applications

1832 — 08 - 12 Mar 2027 | NITTTR Chennai | Online | SDG 4

Drone Technology

1503 — 08 - 12 Mar 2027 | NITTTR Chennai | Offline | SDG 9

Jawaharlal Nehru National Solar Mission

Green Energy Technology

1730 — 20 - 24 Apr 2026 | NITTTR Chennai | Offline | SDG 1

Smart Grid Technologies and Renewable Energy Systems

1858 — 27 - 31 Jul 2026 | NITTTR Chennai | Online | SDG 7

Renewable Energy Sources

1738 — 27 - 31 Jul 2026 | NITTTR Chennai | Online | SDG 7

Electrical & Electronic Systems for Wind & Solar

1644 — 07 - 11 Sep 2026 | NITTTR Chennai | Online | SDG 9

Thermal Power and Energy Engineering

1735 — 08 - 12 Feb 2027 | NITTTR Chennai | Online | SDG 7

Hydrogen and Alternative Fuels

1673 — 22 - 26 Feb 2027 | NITTTR Chennai | Offline | SDG 7

Mission LiFE (Lifestyle for Environment)

Sustainable Supply Chain & Green Logistics

1696 — 20 - 24 Jul 2026 | NITTTR Chennai | Online | SDG 12

Sustainable Energy Development

1732 — 16 - 20 Nov 2026 | NITTTR Chennai | Offline | SDG 2

National Action Plan on Climate Change (NAPCC)

Refrigeration and Air conditioning

1740 — 21 - 25 Sep 2026 | NITTTR Chennai | Online | SDG 13

Energy and HVAC

1734 — 04 - 08 Jan 2027 | NITTTR Chennai | Online | SDG 7

National Green Hydrogen Mission

Energy and Environmental Management

1737 — 29 Jun - 03 Jul 2026 | NITTTR Chennai | Offline | SDG 7

Electric Vehicle Technology and Lithium ion Batteries

1649 — 08 - 12 Feb 2027 | NITTTR Chennai | Online | SDG 9

Energy Systems and Engineering

1736 — 15 - 19 Mar 2027 | NITTTR Chennai | Offline | SDG 7

Aspirational Districts Programme

Applied Data Analytics for Educators using R

1554 — 21 - 25 Sep 2026 | NITTTR Chennai | Online | SDG 4

Web Accessibility through Assistive Technologies: Best Practices and Tools

1632 — 15 - 19 Feb 2027 | NITTTR Chennai | Online | SDG 10

Viksit Bharat @2047

Strategic Planning and Institutional Development

1584 — 04 - 08 May 2026 | NIT Calicut, Kerala | Offline | SDG 1

Societal Responsibility, Ethics and Inclusive Development in HEIs

1680 — 29 Jun - 03 Jul 2026 | NITTTR Chennai | Offline | SDG 16

Ayushman Bharat – Pradhan Mantri Jan Arogya Yojana (PM-JAY)

Hospital & Health Systems Management

1697 — 17 - 21 Aug 2026 | NITTTR Chennai | Online | SDG 3

Mental Health, Stress & Wellness Management

1659 — 17 - 21 Aug 2026 | NITTTR Chennai | Online | SDG 3

Yoga and Self Healing Techniques for Mental Health

1585 — *04 - 08 Jan 2027 | NITTTR Chennai | Offline | SDG 3*

Use GenAI to Enhance your Emotional Intelligence as a Leader

1667 — *15 - 19 Mar 2027 | NITTTR Chennai | Online | SDG 3*

National Infrastructure Pipeline (NIP)

Project Cost and Risk Management

1508 — *29 Jun - 03 Jul 2026 | NITTTR Chennai | Online | SDG 9*

Retrofitting & Rehabilitation of Concrete Structures

1625 — *03 - 07 Aug 2026 | NITTTR Chennai | Offline | SDG 8*

Pradhan Mantri Gati Shakti – National Master Plan

Geotechnical Engineering for Infrastructure

1822 — *17 - 21 Aug 2026 | NITTTR Chennai | Online | SDG 9*

AI for Road Safety: Data-Driven Solutions for Enhancing Road Safety

1854 — *30 Nov - 04 Dec 2026 | NITTTR Chennai | Online | SDG 11*

Smart Cities Mission

GeoBIM Applications in Sustainable City Planning

1807 — *13 - 17 Jul 2026 | EC-Kalamassery | Offline | SDG 1*

Web Application Development

1820 — *05 - 09 Oct 2026 | NITTTR Chennai | Online | SDG 4*

Autonomous Vehicle Training Systems

1646 — *12 - 16 Oct 2026 | NITTTR Chennai | Offline | SDG 9*

Water Proofing and Repair of Buildings

1828 — *08 - 12 Mar 2027 | NITTTR Chennai | Offline | SDG 9*

Make in India Programme

Smart Manufacturing

1494 — *06 – 10 Apr 2026 | NITTTR Chennai | Online | SDG 9*

Robotics for Factory Automation

1690 — *20 – 24 Apr 2026 | NITTTR Chennai | Online | SDG 9*

Industry 4.0 - Concepts & Applications

1743 — *04 – 08 May 2026 | NITTTR Chennai | Online | SDG 9*

Digital Transformation in Manufacturing

1694 — *11 – 15 May 2026 | NITTTR Chennai | Online | SDG 9*

Recent Developments in Mechanical Engineering

1729 — *18 – 22 May 2026 | NITTTR Chennai | Online | SDG 1*

Smart and Digital Manufacturing

1485 — *06 – 10 Jul 2026 | NITTTR Chennai | Online | SDG 9*

Computer Integrated Manufacturing

1745 — *20 – 24 Jul 2026 | NITTTR Chennai | Online | SDG 9*

Trends in 3D Printing and Manufacturing

1746 — *03 – 07 Aug 2026 | NITTTR Chennai | Online | SDG 9*

AI in Manufacturing

1487 — *03 – 07 Aug 2026 | NITTTR Chennai | Online | SDG 9*

Nanotechnology & Applications

1748 — *10 – 14 Aug 2026 | NITTTR Chennai | Online | SDG 9*

Advances in Automobile Technology

1739 — *10 – 14 Aug 2026 | NITTTR Chennai | Online | SDG 9*

Advances in Welding & Manufacturing

1748 — *07 – 11 Sep 2026 | NITTTR Chennai | Online | SDG 9*

Trends in CNC Machining and Metrology

1762 — *05 – 09 Oct 2026 | NITTTR Chennai | Online | SDG 9*

Mechatronics System Design and Applications

1728 — *26 – 30 Oct 2026 | NITTTR Chennai | Online | SDG 1*

Robotics and Mechatronics for Industrial Automation

1764 — *16 – 20 Nov 2026 | NITTTR Chennai | Online | SDG 9*

Advances in Mechanical Engineering

1733 — *14 – 18 Dec 2026 | NITTTR Chennai | Online | SDG 1*

Advances in Heat Treatment and Material Processing

1768 — *01 – 05 Feb 2027 | NITTTR Chennai | Online | SDG 9*

Emerging Trends in Metrology and Inspection

1721 — *01 – 05 Feb 2027 | NITTTR Chennai | Online | SDG 9*

Advances in Casting & Manufacturing

1769 — *22 – 26 Feb 2027 | NITTTR Chennai | Online | SDG 9*

Non Traditional Machining

1771 — *01 – 05 Mar 2027 | NITTTR Chennai | Online | SDG 9*

Advances in Materials & Manufacturing

1773 — *22 – 26 Mar 2027 | NITTTR Chennai | Online | SDG 9*

Production Linked Incentive (PLI) Scheme

Additive Manufacturing Industrial Perspective

1532 — *01 – 05 Jun 2026 | NITTTR Chennai | Offline | SDG 9*

Computer Aided Design and Process Planning

1484 — *15 – 19 Jun 2026 | NITTTR Chennai | Online | SDG 9*

Resource Management Techniques

1796 — *16 – 20 Nov 2026 | NITTTR Chennai | Online | SDG 9*

Role of Wide Band Gap Devices in Power Electronics Engineering

1640 — *07 – 11 Dec 2026 | NITTTR Chennai | Online | SDG 9*

Industrial Motor Control Training and Modular Production Systems

1650 — *15 – 19 Mar 2027 | NITTTR Chennai | Offline | SDG 9*

National Electric Mobility Mission Plan (NEMMP)

Real Time Implementation of Electric Vehicle Systems
1630 — 08 - 12 Jun 2026 | NITTTR Chennai | Offline | SDG 9

Electric Vehicle Systems and Control
1871 — 16 - 20 Nov 2026 | NITTTR Chennai | Offline | SDG 9

Intelligent and Connected Electric Mobility
1874 — 15 - 19 Mar 2027 | NITTTR Chennai | Online | SDG 9

National Intellectual Property Rights Policy

End-to-End Research Workflow for Early - Career Research Scholars: Proposal to Publication
1686 — 30 Nov - 04 Dec 2026 | NITTTR Chennai | Offline | SDG 1

Standards and Accreditation Frameworks (NBA/NAAC/NIRF)

Quality Control of Construction Materials and Modern Testing Methods
1574 — 06 - 10 Apr 2026 | NITTTR Chennai | Online | SDG 9

Academic Leadership for Higher Educational Institutions
1569 — 18 - 22 May 2026 | CSI College of Engineering, Ooty, Tamilnadu | Offline | SDG 1

Linux Administration
1817 — 03 - 07 Aug 2026 | NITTTR Chennai | Offline | SDG 4

NBA Accreditation Process for UG and PG Programs
1602 — 17 - 21 Aug 2026 | EC-Kalamassery | Offline | SDG 1

Quality Assurance and Accreditation using OBE Frameworks
1890 — 21 - 25 Sep 2026 | NITTTR Chennai | Offline | SDG 4

Course File Preparation and Question Paper Setting
1810 — 05 - 09 Oct 2026 | CET Trivandrum, Kerala | Offline | SDG 1

Mechanical Measurement and Control
1716 — 26 - 30 Oct 2026 | EC-Hyderabad | Offline | SDG 12

Perfromance Management & KPIs in Academia
1662 — 02 - 06 Nov 2026 | NITTTR Chennai | Online | SDG 8

Engineering Research Excellence: Mastering the 3Ps – Papers, Patents & Projects
1884 — 09 - 13 Nov 2026 | NITTTR Chennai | Offline | SDG 4

Highway Geometric Design: Principles, Standards and Applications
1599 — 16 - 20 Nov 2026 | NITTTR Chennai | Online | SDG 9

Quality Control in Highway Pavement Construction
1600 — 07 - 11 Dec 2026 | NITTTR Chennai | Online | SDG 9

Qulaity Assurance and Continuous Imporvement in Teaching-Learning Practices
1664 — 18 - 22 Jan 2027 | NITTTR Chennai | Online | SDG 4

Laboratory Management System ISO IEC 17025 2017
1550 — 08 - 12 Feb 2027 | NITTTR Chennai | Online | SDG 9

NBA Accreditation for Diploma Programs
1811 — 15 - 19 Feb 2027 | EC-Kalamassery | Offline | SDG 1

Repair and Rehabilitation of Structures
1523 — 22 - 26 Mar 2027 | NITTTR Chennai | Offline | SDG 11

National Skill Development Mission (NSDM)

Essential Skills to Level Up Your Academic and Faculty Brand
1656 — 06 - 10 Jul 2026 | NITTTR Chennai | Online | SDG 4

FOSS in Civil Engineering
1636 — 08 - 12 Mar 2027 | NITTTR Chennai | Offline | SDG 9

Pradhan Mantri Kaushal Vikas Yojana (PMKVY)

Robotic Applications
1628 — 27 Apr - 01 May 2026 | NITTTR Chennai | Offline | SDG 9

Smart Project Management using IT Tools
1620 — 29 Jun - 03 Jul 2026 | NITTTR Chennai | Offline | SDG 9

Strategic Curriculum Design for Effective OBE Implementation
1538 — 29 Jun - 03 Jul 2026 | NITTTR Chennai | Online | SDG 4

IoT Projects using Tinkercad
1635 — 20 - 24 Jul 2026 | NITTTR Chennai | Online | SDG 9

Structural Analysis and Design Using ETABS
1624 — 20 - 24 Jul 2026 | NITTTR Chennai | Offline | SDG 12

Outcome Centric Pedagogy
1539 — 03 - 07 Aug 2026 | NITTTR Chennai | Online | SDG 4

Modern Simulation Tools in Electrical and Electronics Engineering
1859 — 10 - 14 Aug 2026 | NITTTR Chennai | Online | SDG 9

MATLAB and SCILAB Programming for Engineering Applications
1869 — 31 Aug - 04 Sep 2026 | NITTTR Chennai | Online | SDG 9

Smart Technologies and Intelligent Systems
1870 — 05 - 09 Oct 2026 | NITTTR Chennai | Online | SDG 9

Structural Analysis and Design using STAAD/Pro
1626 — 16 - 20 Nov 2026 | NITTTR Chennai | Offline | SDG 9

Experiential and Hands on Learning in 3D Printing
1499 — 16 - 20 Nov 2026 | NITTTR Chennai | Offline | SDG 9

Curriculum Design and Audit
1846 — 30 Nov - 04 Dec 2026 | NITTTR Chennai | Online | SDG 4

Python and LABVIEW Programming for Engineering Applications
1872 — 14 - 18 Dec 2026 | NITTTR Chennai | Online | SDG 9

Internet of Things using Arduino and Raspberry Pi
1648 — 04 - 08 Jan 2027 | NITTTR Chennai | Online | SDG 9

Advacement in CNC Programming and Machining
1502 — 08 - 12 Feb 2027 | NITTTR Chennai | Offline | SDG 8

Training Calendar 2026 - 27

Skill India Mission

Transactional Analysis & Emotional Intelligence for Leadership

1529 — *11 - 15 May 2026 | EC-Vijayawada | Offline | SDG 8*

Digital Surveying and Positioning Techniques using TS & GNSS

1608 — *18 - 22 May 2026 | NITTTR Chennai | Offline | SDG 6*

Drone Surveying and Mapping

1611 — *25 - 30 May 2026 | NITTTR Chennai | Offline | SDG 9*

Industrial Training Programme for English Teachers

1780 — *01 - 19 Jun 2026 | NITTTR Chennai | Offline | SDG 4*

Circuit Simulation and PCB Design using Multisim

1633 — *29 Jun - 03 Jul 2026 | NITTTR Chennai | Online | SDG 9*

AI-Driven Advanced Communication Systems

1863 — *29 Jun - 03 Jul 2026 | NITTTR Chennai | Online | SDG 9*

Drone Surveying and Mapping

1623 — *06 - 10 Jul 2026 | EC-Hyderabad | Offline | SDG 9*

Facilitate Student Skill Development and Employability Skills Mobility as a Teacher

1657 — *20 - 24 Jul 2026 | NITTTR Chennai | Offline | SDG 8*

Career Guidance

1627 — *07 - 11 Sep 2026 | EC-Bengaluru | Offline | SDG 4*

Mentoring, Counseling & Student Support

1660 — *21 - 25 Sep 2026 | NITTTR Chennai | Online | SDG 3*

Industrial Automation using PLC 820 Controller and Robotics

1645 — *21 - 25 Sep 2026 | NITTTR Chennai | Online | SDG 9*

Software Engineering and Contemporary Project Management Techniques

1763 — *05 - 09 Oct 2026 | NITTTR Chennai | Online | SDG 1*

Robot Modeling and Simulation

1712 — *05 - 09 Oct 2026 | NITTTR Chennai | Online | SDG 9*

Product Design and Assembly

1719 — *16 - 20 Nov 2026 | NITTTR Chennai | Online | SDG 9*

Communication for Career Orientation

1803 — *07 - 11 Dec 2026 | NITTTR Chennai | Offline | SDG 4*

3D Modeling for Product Visualization and Digital Prototyping - Creative VFX Production

1713 — *14 - 18 Dec 2026 | NITTTR Chennai | Offline | SDG 4*

Structural BIM Modeling and Detailing using Tekla

1631 — *08 - 12 Feb 2027 | EC-Hyderabad | Offline | SDG 9*

PLC and SCADA

1651 — *01 - 05 Mar 2027 | NITTTR Chennai | Online | SDG 9*

Startup India Initiative

Product Development for Entrepreneurship

1777 — *20 - 24 Apr 2026 | NITTTR Chennai | Online | SDG 9*

Business Analytics using Excel

1689 — *20 - 24 Apr 2026 | NITTTR Chennai | Online | SDG 4*

OBE aligned Entrepreneurship and Innovation Ecosystem

1676 — *20 - 24 Apr 2026 | NITTTR Chennai | Online | SDG 1*

Institutional Strategies for Innovation and Startups

1678 — *18 - 22 May 2026 | NITTTR Chennai | Online | SDG 17*

Concept to Creation: Design Thinking and Product Development for Aspiring Innovators

1699 — *01 - 05 Jun 2026 | NITTTR Chennai | Hybrid | SDG 9*

Community Development and Startup Engagement (under Institutional Social Responsibility)

1679 — *01 - 05 Jun 2026 | NITTTR Chennai | Online | SDG 17*

Innovation & Startup

1788 — *13 - 17 Jul 2026 | NITTTR Chennai | Online | SDG 8*

Lean Startup

1790 — *10 - 14 Aug 2026 | NITTTR Chennai | Online | SDG 9*

Data Mining for Business and Research Analytics

1759 — *17 - 21 Aug 2026 | NITTTR Chennai | Online | SDG 1*

Startup and Incubation: From Ideation to Scale-Up

1683 — *17 - 21 Aug 2026 | NITTTR Chennai | Online | SDG 1*

Innovation and Design Thinking Practical

1776 — *17 - 21 Aug 2026 | NITTTR Chennai | Offline | SDG 9*

Blue Ocean Strategy in Entrepreneurship

1792 — *21 - 25 Sep 2026 | NITTTR Chennai | Online | SDG 9*

Creativity Innovation and Product Development

1793 — *26 - 30 Oct 2026 | NITTTR Chennai | Online | SDG 9*

Digital Marketing & Analytics

1707 — *07 - 11 Dec 2026 | NITTTR Chennai | Online | SDG 8*

Entrepreneurial avenues for Mechanical Engineering

1798 — *14 - 18 Dec 2026 | NITTTR Chennai | Online | SDG 9*

Marketing for Entrepreneurs

1799 — *08 - 12 Feb 2027 | NITTTR Chennai | Online | SDG 9*

Rural Entrepreneurship Development

1714 — *22 - 26 Feb 2027 | NITTTR Chennai | Online | SDG 10*

Women-Centric Rural Enterprise Development

1731 — *08 - 12 Mar 2027 | NITTTR Chennai | Online | SDG 5*

Advanced Research Methodology and Intellectual Property Rights for Interdisciplinary Innovation

1887 — *15 - 19 Mar 2027 | NITTTR Chennai | Offline | SDG 4*

Entrepreneurship

1801 — *15 - 19 Mar 2027 | NITTTR Chennai | Online | SDG 8*

Campus Administrative Excellence Programme

Best Practices in Procurement through GeM

04 - 08 May 2026 | NITTTR Chennai | Offline | SDG 4

GeM Purchase Workflow: Indent to Payment

13 - 17 Jul 2026 | NITTTR Chennai | Offline | SDG 4

Office Administration and Institutional Governance Practices

16 - 18 Sep 2026 | NITTTR Chennai | Offline | SDG 4

Artificial Intelligence for Administrative Efficiency: Advantages and Risks

14 - 18 Dec 2026 | NITTTR Chennai | Offline | SDG 4

File Management, Official Communication, and Administrative Procedure

08 - 12 Feb 2027 | NITTTR Chennai | Offline | SDG 4

Clientele Ready Programmes for Vocational Education & Value Addition

- Data Analytics
- Artificial Intelligence Applications
- Web Designing
- Cyber Security Awareness
- Office Automation & Advanced Excel

IT & Digital Skills

- GST & Tally
- Banking & Financial Services
- Retail & Supply Chain Operations
- Entrepreneurship & Startup Management

Commerce & Financial Skills

- Laboratory Techniques & Instrumentation
- Environmental Monitoring & Sustainability
- Safety & Quality Control
- Renewable Energy Applications

Science-Based Skills

- Digital Content Creation
- Video Editing & Media Production
- Corporate Communication & Public Relations
- Journalism Practices

Media & Communication

- Rural Entrepreneurship
- NGO Management
- Community Development & Social Outreach

Community & Rural Development

- Traditional Knowledge & Indigenous Practices
- Yoga, Wellness, Sound Healing & Holistic Health

Indian Knowledge Systems (IKS)

Future Skill Focus Areas

- Drone Technology and Applications
- Immersive Technologies (AR/VR/XR)
- Robotics and Automation
- Electric Vehicle (EV) Technology and Maintenance
- 3D Printing and Additive Manufacturing
- LiDAR (Light Detection and Ranging) Technology

Programme Structure

Level	Skill/Application Level	Duration	Notional Hours	Credits	Mode
Add-on Certificate	Basic	30–45 hours	30–45	1–2	Online/Hybrid
Certificate Course	Application	60 hours	60	2–3	Hybrid/Contact
Advanced Certificate	Advanced	90–120 hours	90–120	3–4	Blended with Internship
Advanced Skill Certificate	Industry / Professional Level	6 months	240+	8–12	Contact + Internship

State of Art Facilities

Building Future-Ready Skills through Experiential Learning and Training in Emerging Technologies.

- *AI & Robotics*
- *Electric Vehicles*
- *Drones & LiDAR*
- *Immersive Technology*
- *3D Printing*
- *Automated Manufacturing*
- *Advanced Communication*
- *Sound Healing*

The Industry-Academia Gap

The Challenge

Modern curricula often struggle to keep pace with rapid technological shifts. Institutions face the hurdle of placing students who possess theoretical knowledge but lack hands-on proficiency in emerging “Future Skills.”

NITTTRC Strategy

NITTTR Chennai bridges this gap by offering experiential, facility-driven competency development training programmes. Our programmes are designed in collaboration with industry partners.

Electric Vehicle & Automation Infrastructure

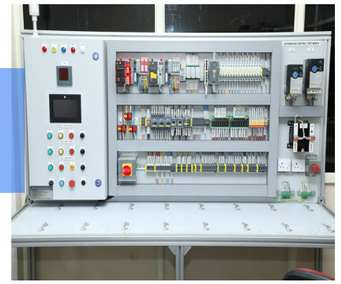
E-Vehicle (Car)

E-Vehicle (Bike)

Q Car - Quanser - Indoor Self Driving Car

On-Track Autonomous Vehicle

EV Two-Wheeler Test Setup



Industrial Automation Test Bench

IoT and Smart Technology Training Infrastructure

IOT Trainer Kit

Mobile Phone Trainer Kit

IoT Enabled Smart Water and Energy Management Solution

Wellbeing and Artificial Intelligence Learning Infrastructure

Happitude Wellness Centre

Yoga Hall

AI & ML Lab

Advanced Drone and LiDAR Infrastructure

Agri UAV

Micro UAV

Tethered UAV

VTOL UAV

Drone Training

LiDAR

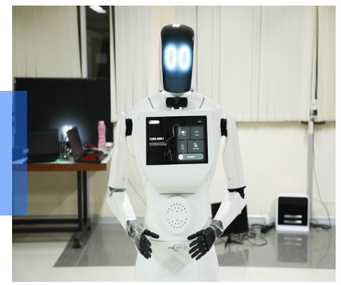
Robotic and Industrial Automation Infrastructure

Robotic Arm

Industrial Collaborative Robot Arm

Collaborative Robots for Automated Manufacturing

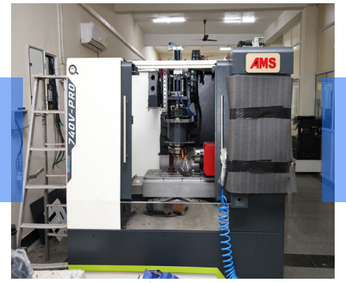
Industrial Automation Training System Featuring Robotic Arm for Real World Manufacturing Environment



Humanoid Robot

Advanced Manufacturing, Automation & Renewable Energy Lab

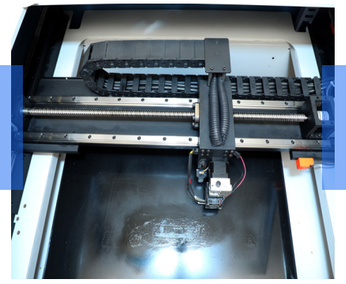
Selective Laser Melting - Metal AM



CNC Machining Centre

CNC Wire Cut EDM

Modelling & Simulation


3D Printing

Renewable Energy Lab

Structural Testing and Surveying Infrastructure

Universal Testing Machine

Loading Frame

Total Station – Survey Equipment

Advanced Media and Immersive Technology Infrastructure

Swayam Studio

Microsoft HoloLens

VR Camera

Guidelines for the Participants

Training Levels Aligned with Knowledge Progression

NITTTRC's training programs are structured into three progressive levels, ensuring a gradual transition from knowledge acquisition to deep learning and knowledge creation. These levels align with faculty development needs, integrating curriculum-based learning, pedagogical advancements, and industry-relevant innovations.

- Silver Level (Knowledge Acquisition)
- Gold Level (Knowledge Deepening)
- Platinum Level (Knowledge Creation)

NITTTR Chennai Training Portal

The NITTTR Training Portal is an indigenously developed, user-friendly platform that supports the entire training process—from course creation and participant registration to programme delivery and certificate download. It offers easy access to course information through a single registration and enables seamless, paperless communication, contributing to efficient and sustainable training management.

NITTTR Chennai Mobile App

A user-friendly interface for easy navigation for professional development journey from your mobile devices can be accessed using the mobile app "NITTTR CHENNAI" which can be downloaded from the Google Play Store.

Course Evaluation Criteria

- Participants are evaluated based on a structured framework that includes attendance, assessments, and engagement.
- Active participation in discussions, assignments, and learning activities is encouraged to ensure meaningful learning outcomes.

Certification Requirements

- Participants must maintain a minimum of 80% attendance to be eligible for certification.
- Participants must score at least 50% in the assessment test.
- Participants are required to submit the online course feedback form.

Full-time research scholars and UG/PG Students shall receive a 50% fee waiver for the above programmes. A valid identity card or bonafide certificate from the institution is required. Self-Financing Institution Faculty / Contractual Teachers / Working Professionals / Other Interested Participants must pay the full applicable training coordination fee to attend the programme.

International participants are also permitted to attend the programmes on payment of an appropriate Coordination fee in USD equivalent. If faculty members from Government/Aided Technical Institutions wish to attend without a relieving order from their authorities, this shall be mentioned on their certificates upon successful completion.

One-Stop Institute of Excellence

SCAN
Explore Our Programmes & Enrollment

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Contact us

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Coffee Table Book