

(Training and Activities Calendar) 2025-2026



**NATIONAL INSTITUTE OF TECHNICAL TEACHERS
TRAINING & RESEARCH
SECTOR-26, CHANDIGARH-160019, INDIA
www.nitttrchd.ac.in**

Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordi-nator	Benefi-ciary State
April 2025									
1. Civil Engineering Department									
1.	CE-1	Skill Oriented	Yoga and Meditation	14.04.2025	18.04.2025	NITTTR, CHD	NEP-12	AKD	National
2. Electrical Engineering Department									
2.	EE-1	Skill Oriented	MATLAB and Simulink Programming	28.04.2025	02.05.2025	RBSSIET, Rewari	NEP-7	LM	National
3.	EE-2	Capacity Development	Energy Management in Smart Cities	21.04.2025	25.04.2025	CCET Diploma Wing, Chd	NEP-2	PS	National
3. Entrepreneurship Development and Industrial Coordination									
4.	EDIC-1	Skill-Oriented	Project Management for Entrepreneurial Ventures	21.04.2025	25.04.2025	Dr. B. R. Ambedkar Poly. College Gwalior	NEP-7	HVS	Madhya Pradesh/ Rajasthan/ Uttar Pradesh
4. Information Management and Emerging Engineering Department									
5.	IMEE-1	Research Oriented	Data Science and ML	12.05.2025	16.05.2025	YMCA , Faridabad	NEP-2	MD	National
5. Mechanical Engineering Department									
6.	ME-1	Research Oriented	Advanced Machining Processes	21.04.2025	25.04.2025	NITTTR, CHD	NEP-8	PSR	National
7.	ME-2	Skill oriented	Production Management	28.04.2025	05.05.2025	NITTTR, CHD	NEP-7	SSB/ RKW	National
May 2025									
1. Applied Science Department									
8.	AS-1	Research Oriented	Mathematical Methods for Engineering and Science Teachers	05.05.2025	09.05.2025	NITTTR, CHD	NEP-8	KCL	National
9.	AS-2	Skill Oriented	AI in Science and Technology	19.05.2025	23.05.2025	Outstation	NEP-2	AK/ PS	National
10.	AS-3	Research Oriented	Research ethics in the era of AI (cancelled)	26.05.2025	30.05.2025	Outstation	NEP-2	AK/ ADS/ PS	Regional
11.	AS-4	Skill based	MATLAB Essentials for Science and Engineering faculty	To be decided	To be decided	Outstation	NEP -1	KCL	Regional
2. Civil Engineering Department									

Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
12.	CE-2	Advanced	Alternate Technologies in Road Construction	05.05.2025	09.05.2025	NITTTR, CHD	NEP-2	AKD	National
3. Computer Science & Engineering Department									
13.	CSE-1	Skill based	Open Source Tools for Effective Teaching and Research	To be decided	To be decided	KGP Srinagar/ Central University of Kashmir	NEP-7	MK/ AS	J&K
4. Curriculum Development Centre									
14.	CDC-1	Pedagogy	Effective Curriculum Implementation	05.05.2025	09.05.2025	Outstation	NEP-1	SKG	National
5. Education and Educational Management									
15.	EMGT-1	Pedagogy	Evaluation and Setting of Question Paper	19.05.2025	23.05.2025	NITTTR, CHD	NEP-1	AK	National
16.	EMGT-2	Research Oriented	Research Methodology	05.05.2025	09.05.2025	Outstation	NEP-8	ABG	National
6. Electrical Engineering Department									
17.	EE-3	Emerging Technologies	Environment and Sustainable Development	05.05.2025	09.05.2025	Outstation	NEP-2	PS	Regional
18.	EE-4	Skill Oriented	IoT Implementation using Arduino	20.05.2025	24.05.2025	Chandigarh University, Gharuan	NEP-7	RT	Punjab
7. Entrepreneurship Development and Industrial Coordination									
19.	EDIC-2	Skill Oriented	Developing Thinking Skills for Professional Excellence	30.06.2025	04.07.2025	To be decided	NEP-9	ADS	Jammu & Kashmir
8. Information Management and Emerging Engineering Department									
20.	IMEE-2	National Mission	Capacity Building of Polytechnics	19.05.2025	23.05.2025	GPW, Patiala	NEP-4	SSG	Punjab/ Haryana
21.	IMEE-3	Research	Internet of Things- Design Concepts and Use Cases	26.05.2025	30.05.2025	NITTTR, CHD	NEP-2	MD	National
9. Mechanical Engineering Department									
22.	ME-3	Research Oriented	CAD CAM and FEA	05.05.2025	09.05.2025	NITTTR, CHD	NEP-8	PSR	National
23.	ME-4	Pedagogical	Refresher Course in Mechanical Engineering	19.05.2025	30.05.2025	NITTTR, CHD	NEP-1	RS/ SSD	National
24.	ME-5	Skill oriented	Supervisory Development for Workshop Instructors	26.05.2025	30.05.2025	NITTTR, CHD	NEP-7	PSR	National
10. Media Engineering Department									
25.	MED-2	Futuristic and Emerging Technology	Protect Yourself against Cyber Threats and Online Risks	05.05.2025	09.05.2025	Outstation/ NITTTR, CHD	NEP-2	RKW/ KD	National
26.	MED-3	Capacity Development Program	Innovative Leadership and Ethics for Professional Excellence	19.05.2025	23.05.2025	NITTTR, CHD	NEP-4	RKW	National

Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
11. Rural Development Department									
27.	RD-1	Research/ Capacity Building	Earthquake Risk Management	26.05.2025	30.05.2025	Outstation	NEP-9	AG	National
June 2025									
1. Entrepreneurship Development and Industrial Coordination									
28.	EDIC-3	National Mission	Nurturing Early Stage Entrepreneurial Start-ups	02.06.2025	06.06.2025	Punjab/ Haryana	NEP-3	ADS	Punjab/ Haryana
2. Information Management and Emerging Engineering Department									
29.	IMEE-4	National Mission	Capacity Building of Polytechnics	16.06.2025	20.06.2025	GPW, Ludhiana	NEP-4	SSG	Punjab
3. Mechanical Engineering Department									
30.	ME-6	Skill oriented	3D Printing for IoT Solutions	09.06.2025	13.06.2025	Srinagar, J & K	NEP-7	RS	Jammu & Kashmir
31.	ME-7	Skill oriented	Repair and maintenance of Machine Tools	09.06.2025	13.06.2025	NITTTR, CHD	NEP-7	SJ	National
4. Media Engineering Department									
32.	MED-4	Skill Oriented	Fostering Creativity Graphics and Animation through Open Source Tools	16.06.2025	20.06.2025	NITTTR, CHD	NEP-7	RKW/ CS/ PM	National
5. Rural Development Department									
33.	RD-2	IKS on traditional architecture	Rural Architecture, Rural Tourism and Sustainable Living	23.06.2025	27.06.2025	J & K, Ladakh	NEP-11	UNR	National
July 2025									
1. Applied Science Department									
34.	AS-5	Skill Oriented	Exploring Applied Mathematics with MATHEMATICA	07.07.2025	11.07.2025	NITTTR, CHD	NEP-7	KCL	National
2. Civil Engineering Department									
35.	CE-3	Skill Oriented	Quality Control of Latest Civil Engineering Materials	28.07.2025	01.08.2025	NITTTR, CHD	NEP-7	VKS/ HS/ AKD	National
3. Education and Educational Management									
36.	EMGT-3	Pedagogy	Faculty Induction Training Program for Newly Recruited Teachers	14.07.2025	25.07.2025	NITTTR, CHD	NEP-9	AK	National
37.	EMGT-4	Pedagogy	Instruction Design and Delivery	28.07.2025	01.08.2025	Outstation	NEP-1	ABG	National

Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
4. Electrical Engineering Department									
38.	EE-5	Skill Oriented	Embedded C Programming of Microcontrollers	07.07.2025	11.07.2025	Govt. Engg. College, Ajmer	NEP-7	RT	Rajasthan
5. Information Management and Emerging Engineering Department									
39.	IMEE-5	Emerging Area	Data Science and Machine Learning	28.07.2025	01.08.2025	NITTTR, CHD	NEP-2	MD	National
6. Mechanical Engineering Department									
40.	ME-8	Skill Oriented	CAD Using SolidWorks	07.07.2025	11.07.2025	NITTTR, CHD	NEP-7	SJ	National
41.	ME-9	Emerging Area	Additive Manufacturing	21.07.2025	25.07.2025	NIT, Nagaland	NEP-2	PSR	National
7. Media Engineering Department									
42.	MED-5	Skill Oriented	Mastering Video Production Techniques for Effective MOOCs Development	21.07.2025	25.07.2025	NITTTR, CHD	NEP-7	RKW/ AS/ SB	National
8. Rural Development Department									
43.	RD-3	National Mission	Organic Farming and Marketing of Natural and Organic Products	14.07.2025	25.07.2025	NITTTR, CHD	NEP-11	UNR	National
August 2025									
1. Applied Science Department									
44.	AS-6	Skill	Newer Expt in Applied Physics	04.08.2025	08.08.2025		NEP-7	BCC/ PS/ AK	National
45.	AS-7	Pedagogical	Research Publication Ethics and Computational Tools	To be decided	To be decided	Outstation	NEP-12	KCL	Regional
2. Civil Engineering Department									
46.	CE-4	Skill Oriented	Yoga and Meditation	18.08.2025	22.08.2025	GPC Jodhpur	NEP-12	AKD	National
47.	CE-5	Industry	New Generation Concrete Mix Design	18.08.2025	22.08.2025	NITTTR, CHD	NEP-10	HS	National
48.	CE-6	Advanced	Construction Management	18.08.2025	22.08.2025	NITTTR, CHD	NEP-10	VKS	National
3. Curriculum Development Centre									
49.	CDC-2	Pedagogy	Curriculum Development using Outcome Based Approach	04.08.2025	08.08.2025	NITTTR, CHD	NEP-1	MS	National
50.	CDC-3	Pedagogy	Curriculum Development Process	11.08.2025	15.08.2025	NITTTR, CHD	NEP-1	SKG	National
51.	CDC-4	Pedagogy	Curriculum Implementation and Evaluation	18.08.2025	22.08.2025	NITTTR, CHD	NEP-1	PKS	National
52.	CDC-5	Skill Oriented	FOSS to Achieve Curriculum Goals	25.08.2025	29.08.2025	NITTTR, CHD	NEP-7	RM	National

Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
4. Education and Educational Management									
53.	EMGT-5	Research Oriented	Research Methodology	04.08.2025	08.08.2025	Outstation	NEP-8	ABG	National
5. Mechanical Engineering Department									
54.	ME-10	Emerging Area	Hybrid Machining	04.08.2025	08.08.2025	NITTTR, CHD	NEP-2	PSR	National
55.	ME-11	Skill Oriented	3D &4D Printing (SPONSORED)	18.08.2025	22.08.2025	NITTTR, CHD	NEP-7	RS	Punjab
56.	ME-12	Skill Oriented	CAD using ProE/ CREO	18.08.2025	22.08.2025	Govt. Poly. Mangalore	NEP-7	PSR	Karnataka
September 2025									
1. Civil Engineering Department									
57.	CE-7	Skill Oriented	Innovative techniques of Soil testing	08.09.2025	12.09.2025	NITTTR, CHD	NEP-7	VKS	National
58.	CE-8	Skill Oriented	Practice based Concrete Testing	15.09.2025	19.09.2025	NITTTR, CHD	NEP-9	HS	National
59.	CE-9	Skill Oriented	Latest Practices of testing Highway materials	15.09.2025	19.09.2025	NITTTR, CHD	NEP-10	AKD	National
2. Computer Science & Engineering Department									
60.	CSE-2	Skill Oriented	Machine Learning using Python for Engineering Applications	08.09.2025	12.09.2025	NITTTR, CHD	NEP-7	AD	National
3. Education and Educational Management									
61.	EMGT-6	Research Oriented	Research Methodology	15.09.2025	19.09.2025	Outstation	NEP-8	ABG	National
4. Mechanical Engineering Department									
62.	ME-13	Skill Oriented	Robotics & Automation	08.09.2025	12.09.2025	Govt. Poly. Gulbarga	NEP-7	PSR	Karnataka
63.	ME-14	Emerging Area	Ergonomic Product Design	15.09.2025	19.09.2025	NITTTR CHD	NEP-2	SSB/ RKW	National
5. Media Engineering Department									
64.	MED-7	Technology Enabled Learning	Transforming Teaching Learning through Digital Tools	15.09.2025	19.09.2025	Outstation/ NITTTR, CHD	NEP-5	RKW/ MA	National
October 2025									
1. Civil Engineering Department									
65.	CE-10	Pedagogy	Pedagogical Practices in Civil Engineering	27.10.2025	31.10.2025	NITTTR, CHD	NEP-1	AKD/ All Faculty	National

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2. Information Management and Emerging Engineering Department									
66.	IMEE-6	Pedagogy		13.10.2025	17.10.2025	NITTTR, CHD	NEP-1	MD	National
3. Mechanical Engineering Department									
67.	ME-15	Industry Attached	CNC Machines: Operation & Programming	27.10.2025	31.10.2025	NITTTR, CHD	NEP-10	SSD	National
4. Rural Development Department									
68.	RD-4	National Mission	Unnat Bharat Abhiyan for Teachers of Higher Education	13.10.2025	17.10.2025	NITTTR, CHD	NEP-2	UNR	National
November 2025									
1. Applied Science Department									
69.	AS-8	Research Oriented	Nanomaterials: Innovations and Applications	17.11.2025	21.11.2025	Outstation	NEP-2	PS/ AK	Regional
2. Civil Engineering Department									
70.	CE-11	Advanced	Design of Resilient and Smart Infrastructure	17.11.2025	21.11.2025	NITTTR, CHD	NEP-2	HG	National
71.	CE-12	Industry	Non Destructive Techniques in Civil Engineering	17.11.2025	21.11.2025	NITTTR, CHD	NEP-7	SKS/ AG	National
72.	CE-13	Advanced	Bearing Capacity Estimation for Foundations	24.11.2025	28.11.2025	NITTTR, CHD	NEP-7	VKS	National
3. Computer Science & Engineering Department									
73.	CSE-3	Emerging Area	Cryptography and Network Security	24.11.2025	28.11.2025	NITTTR, CHD	NEP-10	CRK	National
4. Curriculum Development Centre									
74.	CDC-7	Skill Oriented	Preparing Students for Placements and Higher Studies	10.11.2025	14.11.2025	Outstation	NEP-7	PKS	National
5. Education and Educational Management									
75.	EMGT-7	Pedagogy	Faculty Induction Training Program for Newly Recruited Teachers	10.11.2025	21.11.2025	NITTTR, CHD	NEP-9	AK	National
76.	EMGT-8	Skill Oriented	Developing Employable Skills	10.11.2025	14.11.2025	NITTTR, CHD	NEP-6	RC	National
6. Electrical Engineering Department									
77.	EE-6	Industry supported	Hardware in Loop for Power Electronics	17.11.2025	21.11.2025	NITTTR, CHD	NEP-7	RT	National
7. Electronics and Communication Engineering Department									
78.	ECE-1	Research Oriented	Microstrip Patch Antenna Design Techniques and Tools	10.11.2025	14.11.2025	NITTTR, CHD	NEP-8	GS/ BSD	National

Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
8. Entrepreneurship Development and Industrial Coordination									
79.	EDIC-4	Emerging Areas	AI Strategies and Project Management	10.11.2025	14.11.2025	G.P.C., Kota	NEP-1	HVS	Rajasthan
9. Information Management and Emerging Engineering Department									
80.	IMEE-7	Advanced Level	Leadership and Organizational Excellence in HEI's	10.11.2025	14.11.2025	NITTTR, CHD	NEP-9	SSG	National
10. Mechanical Engineering Department									
81.	ME-16	Skill Oriented	CAD AND CAM	10.11.2025	14.11.2025	Govt. Poly. Mysore	NEP-7	PSR	Karnataka
82.	ME-17	Emerging Area	Advances in Manufacturing	17.11.2025	21.11.2025	NITTTR, CHD	NEP-2	SJ	National
11. Media Engineering Department									
83.	MED-8	Capacity Development Program	Institutional Governance and Academic Administration	10.11.2025	14.11.2025	NITTTR, CHD	NEP-4	RKW	National
12. Rural Development Department									
84.	RD-5	IKS of Health Care	IKS of Healthcare through Herbal and Medicinal Plants and Ayurvedic System	10.11.2025	14.11.2025	NITTTR, CHD	NEP- 11	UNR	National

December 2025

1. Computer Science & Engineering Department									
85.	CSE-4	Emerging Area	AI for Engineering Applications	08.12.2025	12.12.2025	NITTTR, CHD	NEP-2	AD	National
2. Entrepreneurship Development and Industrial Coordination									
86.	EDIC-5	Skill-Oriented	Employability Skills for Industry	08.12.2025	12.12.2025	G.P., Jaipur	NEP-10	NB	Rajasthan
3. Mechanical Engineering Department									
87.	ME-18	Research Oriented	Research & Development using MATLAB	15.12.2025	19.12.2025	NITTTR, CHD	NEP-8	SSD	National
4. Media Engineering Department									
88.	MED-9	Capacity Building Program	Elevating Educators: Self-Esteem, Motivation and Professional Excellence	08.12.2025	12.12.2025	NITTTR, CHD	NEP-9	RKW	National
5. Rural Development Department									
89.	RD-6	Pedagogy	Research Methodologies for Inter Disciplinary Research	08.12.2025	12.12.2025	NITTTR, CHD	NEP-1	UNR	National

January 2026

Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
1. Electrical Engineering Department									
90.	EE-7	Skill Oriented	LabVIEW Applications in Engineering	12.01.2026	16.01.2026	NITTTR, CHD	NEP-7	LM	National
2. Information Management and Emerging Engineering Department									
91.	IMEE-8	Industry	Basics of Analog IC Design	12.01.2025	16.01.2025	NITTTR, CHD	NEP-10	SSG	National
92.	IMEE-9	Industry	IoT and Data Analysis of Sensor Data	19.01.2025	23.01.2025	NITTTR, CHD	NEP-10	MD	National
3. Mechanical Engineering Department									
93.	ME-19	Research Oriented	Advanced Material Processing & Characterization	05.01.2026	09.01.2026	NITTTR, CHD	NEP-8	RS	National
94.	ME-20	Skill Oriented	Advanced AutoCAD	19.01.2026	23.01.2026	NITTTR, CHD	NEP-7	SJ	National
4. Media Engineering Department									
95.	MED-10	Futuristic and Emerging Technology	Artificial Intelligence Integration in Teaching and Learning for Non-AI Specialists	12.01.2026	16.01.2026	NITTTR, CHD	NEP-2	RKW/ KD	National
February 2026									
1. Applied Science Department									
96.	AS-9	Research oriented	Fuzzy Optimization: Methods, Trends, and Applications	23.02.2026	27.02.2026	NITTTR, CHD	NEP-8	KCL	National
97.	AS-10	Research oriented	Hands-on Practice: Materials Characterization	09.02.2026	13.02.2026	NITTTR, CHD	NEP-8	AK/ PS/ BCC	National
2. Civil Engineering Department									
98.	CE-14	Advanced	Sustainable Design and Construction of Roads	23.02.2026	27.02.2026	NITTTR, CHD	NEP-7	AKD	National
3. Computer Science & Engineering Department									
99.	CSE-5	Skill Oriented	Data pre-processing and Visualization using Python	16.02.2026	20.02.2026	NITTTR, CHD	NEP-7	SS	National
4. Curriculum Development Centre									
100.	CDC-8	Pedagogy	Quality Enhancement through Outcome Based Curriculum Implementation	16.02.2026	20.02.2026	NITTTR, CHD	NEP-1	MS	National
101.	CDC-9	Pedagogy	A Systematic Approach for Curriculum Development	23.02.2026	27.02.2026	NITTTR, CHD	NEP-1	SKG	National
5. Education and Educational Management									
102.	EMGT-10	Pedagogy	Enhancing Performance at Workplace for Staff	02.02.2026	06.02.2026	NITTTR, CHD	NEP-7	RC	National

Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
6. Electrical Engineering Department									
103.	EE-8	Skill Oriented	Solar Energy Technologies- Principles and Applications	23.02.2026	27.02.2026	NITTTR, CHD	NEP-9	PS	National
7. Entrepreneurship Development and Industrial Coordination									
104.	EDIC-6	National Mission	Entrepreneurship and Innovation Management for Aatam Nirbhar Bharat	09.02.2026	13.02.2026	To be decided	NEP-3	HVS	National
8. Mechanical Engineering Department									
105.	ME-21	Emerging Area	Recent Advances in Automotive Technology	16.02.2026	20.02.2026	NITTTR, CHD	NEP-2	SSD	National
106.	ME-22	Emerging Area	Green Manufacturing	23.02.2026	27.02.2026	NITTTR, CHD	NEP-2	SJ	National
9. Media Engineering Department									
107.	MED-11	Capacity Development Program	Academic Audit and Institutional Ranking	09.02.2026	13.02.2026	NITTTR, CHD	NEP-4	RKW	National
March 2026									
1. Applied Science Department									
108.	AS-11	Skill	Fiber Optic: Test and Measurements	09.03.2026	13.03.2026	NITTTR, CHD	NEP-7	BCC/PS	National
2. Curriculum Development Centre									
109.	CDC-10	Pedagogy	Strategies for Effective Curriculum Implementation and Evaluation	02.03.2026	06.03.2026	NITTTR, CHD	NEP-1	PKS	National
110.	CDC-11	Skill Oriented	Accomplishment of Curriculum Objectives using FOSS	09.03.2026	13.03.2026	NITTTR, CHD	NEP-7	RM	National
3. Education and Educational Management									
111.	EMGT-11	Skill Oriented	Preparing Students for Job Interview	02.03.2026	06.03.2026	NITTTR, CHD	NEP-6	RC/AK	National
112.	EMGT-12	Research Oriented	Research Methodology	09.03.2026	13.03.2026	Outstation	NEP-8	ABG	National
113.	EMGT-13	Pedagogy	Instruction Design and Delivery	23.03.2026	27.03.2026	Outstation	NEP-1	ABG	National
4. Electronics and Communication Engineering Department									
114.	ECE-2	Pedagogy	Teaching ECE Lab Subjects using free simulators	09.03.2026	13.03.2026	NITTTR, CHD	NEP-7	BSD/GS	National
5. Mechanical Engineering Department									
115.	ME-23	Skill Oriented	Mechanical Measurements & Control	09.03.2026	13.03.2026	NITTTR, CHD	NEP-7	SJ	National

Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
116.	ME-24	Advanced Skill Oriented	Robotics &Automation	09.03.2026	13.03.2026	NITTTR, CHD	NEP-7	SSD	Punjab

Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
12.	ICT-13	Skill Oriented	Open Source Applications in Engineering Education	05.05.2025	09.05.2025	NITTTR, CHD	NEP-7	AD	National
13.	ICT-14	Industry Supported	Zero Trust Cloud Security In collaboration with Zscaler Inc.	19.05.2025	23.05.2025	NITTTR, CHD	NEP-10	MK/CRK	National
14.	ICT-15	Skill Oriented	Computer Vision Applications using OpenCV	26.05.2025	30.05.2025	NITTTR, CHD	NEP-7	AD	National

4. Education and Educational Management

15.	ICT-16	Pedagogy	Effective Teaching - Learning Using Social Media	26.05.2025	30.05.2025	NITTTR, CHD	NEP-5	RC	National
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5. Electrical Engineering Department

16.	ICT-17	Emerging	Bioinspired Optimisation Techniques	26.05.2025	30.05.2025	NITTTR, CHD	NEP-5	LM	National
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6. Entrepreneurship Development and Industrial Coordination

17.	ICT-18	Emerging Areas	Futuristic Skills for Industrial Workforce	19.05.2025	23.05.2025	NITTTR, CHD	NEP-7	NB	National
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7. Mechanical Engineering Department

18.	ICT-19	Skill Oriented	CAD CAM and FEA	05.05.2025	09.05.2025	NITTTR, CHD	NEP-7	PSR	National
19.	ICT-20	Skill Oriented	Supervisory development for Workshop instructors	26.05.2025	30.05.2025	NITTTR, CHD	NEP-7	PSR	National

8. Media Engineering Department

20.	ICT-21	Futuristic and Emerging Technology	Protect Yourself against Cyber Threats and Online Risks	05.05.2025	09.05.2025	NITTTR, CHD	NEP-2	RKW/KD	National
21.	ICT-22	Capacity Development Program	Innovative Leadership and Ethics for Professional Excellence	19.05.2025	23.05.2025	NITTTR, CHD	NEP-4	RKW	National

June 2025

1. Applied Science Department

22.	ICT-23	General	Nuclear Radiations for Societal Applications	02.06.2025	06.06.2025	NITTTR, CHD	NEP-2	BCC	National
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2. Civil Engineering Department

23.	ICT-24	Industry	Defect free Construction Repair and Maintenance	16.06.2025	20.06.2025	NITTTR, CHD	NEP-2	AG/SKS	National
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3. Electrical Engineering Department

24.	ICT-25	Capacity Development	Green Technologies for Environment Sustainability	02.06.2025	06.06.2025	NITTTR, CHD	NEP-9	PS	National
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4. Entrepreneurship Development and Industrial Coordination

Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
25.	ICT-26	National Mission Mode	Strategizing Higher Education Institutions Orientation to SDGs	23.06.2025	27.06.2025	NITTTR, CHD	NEP-4	ADS	National

5. Mechanical Engineering Department

26.	ICT-27	Research Oriented	Repair and Maintenance of Machine Tools	09.06.2025	13.06.2025	NITTTR, CHD	NEP-8	SJ	National
27.	ICT-28	Skill Oriented	Mechanical Measurements and Control	23.06.2025	27.06.2025	NITTTR, CHD	NEP-7	SJ	National

6. Media Engineering Department

28.	ICT-29	Skill Oriented	Fostering Creativity Graphics and Animation through Open Source Tools	16.06.2025	20.06.2025	NITTTR, CHD	NEP-7	RKW/ CS/ PM	National
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7. Rural Development Department

29.	ICT-30	IKS on traditional architecture	Rural Architecture, Rural Tourism and Sustainable Living	23.06.2025	27.06.2025	J&K, Laddakh	NEP-11	UNR	National
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July 2025

1. Applied Science Department

30.	ICT-31	General	Lasers Fundamentals and Applications	21.07.2025	25.07.2025	NITTTR, CHD	NEP-2	BCC/ PS	National
31.	ICT-32	Capacity Building	Refresher Course on Indian Knowledge System	21.07.2025	01.08.2025	NITTTR, CHD	NEP-	AK/ PS	National
32.	ICT-33	Capacity Building	Fundamentals of Indian Knowledge System	21.07.2025	25.07.2025	NITTTR, CHD	NEP-	PS/AK	National
33.	ICT-34	Capacity Building	Indian Knowledge System Science and Technology	28.07.2025	01.08.2025	NITTTR, CHD	NEP-	PS/AK	National
34.	ICT-35	Skill oriented	Exploring Applied Mathematics with MATHEMATICA	07.07.2025	11.07.2025	NITTTR, CHD	NEP-7	KCL	National

2. Civil Engineering Department

35.	ICT-36	Advance/ Research	Advanced Construction Materials and Techniques	07.07.2025	18.07.2025	NITTTR, CHD	NEP-2, 8	HG / SKS	National
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3. Entrepreneurship Development and Industrial Coordination

36.	ICT-37	Industry Supported	Industry-Academic Linkages in Higher Educational Institutes	21.07.2025	25.07.2025	NITTTR, CHD	NEP-10	NB	National
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4. Information Management and Emerging Engineering Department

37.	ICT-38	Emerging Area	Data Science and Machine Learning	28.07.2025	01.08.2025	NITTTR, CHD	NEP-2	MD	National
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5. Mechanical Engineering Department

38.	ICT-39	Skill oriented	CAD Using SolidWorks	07.07.2025	11.07.2025	NITTTR, CHD	NEP-7	SJ	National
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Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
39.	ICT-40	Emerging Area	Additive Manufacturing	21.07.2025	25.07.2025	NITTTR, CHD	NEP-2	PSR	National
6. Rural Development Department									
40.	ICT-41	National Mission	Organic Farming and Marketing of Natural and Organic Products	14.07.2025	18.07.2025	NITTTR, CHD	NEP-11	UNR	National
August 2025									
1. Applied Science Department									
41.	ICT-42	General	Optical Communication Technologies-Wired and Wireless	18.08.2025	22.08.2025	NITTTR, CHD	NEP-4	BCC	National
2. Civil Engineering Department									
42.	ICT-43	Industry	Remote Sensing, GPS and GIS in Civil Engineering	04.08.2025	08.08.2025	NITTTR, CHD	NEP-8	HS	National
3. Computer Science & Engineering Department									
43.	ICT-44	Industry Supported	AI for Industry 4.0	04.08.2025	08.08.2025	NITTTR, CHD	NEP-10	AD	National
44.	ICT-45	Industry Supported	Generative AI (in Collaboration with Intel)	18.08.2025	22.08.2025	NITTTR, CHD	NEP-10	MK/CRK	National
4. Curriculum Development Centre									
45.	ICT-46	Pedagogy	Curriculum Development using Outcome Based Approach	04.08.2025	08.08.2025	NITTTR, CHD	NEP-1	MS	National
46.	ICT-47	Pedagogy	Curriculum Development Process	11.08.2025	15.08.2025	NITTTR, CHD	NEP-1	SKG	National
47.	ICT-48	Pedagogy	Curriculum Implementation and Evaluation	18.08.2025	22.08.2025	NITTTR, CHD	NEP-1	PKS	National
48.	ICT-49	Skill Oriented	FOSS to Achieve Curriculum Goals	25.08.2025	29.08.2025	NITTTR, CHD	NEP-7	RM	National
5. Education and Educational Management									
49.	ICT-50	General	Personality Development	04.08.2025	08.08.2025	NITTTR, CHD	NEP-9	RC	National
50.	ICT-51	Skill Oriented	Communication at Workplace	18.08.2025	22.08.2025	NITTTR, CHD	NEP-6	AK	National
6. Electrical Engineering Department									
51.	ICT-52	Research Oriented	Distributed Energy Sources and Smart Grid	04.08.2025	08.08.2025	NITTTR, CHD	NEP-8	LM	National
7. Electronics and Communication Engineering Department									
52.	ICT-53	Future and Emerging Technology	5G and Beyond	04.08.2025	08.08.2025	NITTTR, CHD	NEP-2	GS	National

Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
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8. Entrepreneurship Development and Industrial Coordination

53.	ICT-54	Research Oriented	Enhancing Research Capabilities for Academic Career Progression	04.08.2025	08.08.2025	NITTTR, CHD	NEP-8	HVS	National
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9. Mechanical Engineering Department									
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54.	ICT-55	Emerging Area	Hybrid Machining	04.08.2025	08.08.2025	NITTTR, CHD	NEP-2	PSR	National
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55.	ICT-56	Emerging Area	3D& 4D Printing (SPONSORED)	18.08.2025	22.08.2025	NITTTR, CHD	NEP-2	RS	Punjab
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56.	ICT-57	Skill oriented	CAD using ProE/ CREO	18.08.2025	22.08.2025	NITTTR, CHD	NEP-7	PSR	National
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10. Rural Development Department									
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57.	ICT-59	National Mission	Skill Development and Employment Generation in India	18.08.2025	22.08.2025	NITTTR, CHD	NEP-3	AG	National
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September 2025

1. Computer Science & Engineering Department

58.	ICT-60	Industry Supported	Cybersecurity Intelligence	15.09.2025	19.09.2025	NITTTTR, CHD	NEP-10	CRK/AS	National
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59.	ICT-61	Emerging Areas	AI & Cloud-Based Tools for Effective Teaching Learning (In Collaboration with Wadhvani Foundation for AI)	15.09.2025	19.09.2025	NITTTR, CHD	NEP-2	SS	National
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2. Electronics and Communication Engineering Department

60.	ICT-62	Emerging Areas	IoT and Embedded Systems	15.09.2025	19.09.2025	NITTTR, CHD	NEP-2	KS	National
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3. Mechanical Engineering Department

61.	ICT-63	Research Oriented	Ergonomic Product Design	15.09.2025	19.09.2025	NITTTR, CHD	NEP-8	SSB/RKW	National
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4. Media Engineering Department

62.	ICT-64	Technology Enabled Learning	Transforming Teaching Learning through Digital Tools	15.09.2025	19.09.2025	NITTTR, CHD	NEP-5	RKW/MA	National
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5. Rural Development Department									
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63.	ICT-65	Industry	Innovative Technologies for Village Development	15.09.2025	19.09.2025	NITTTR, CHD	NEP-2	AG	National
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October 2025											



Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
1. Applied Science Department									
64.	ICT-66	Advance	Trends in Fiber Optic Technology	13.10.2025	17.10.2025	NITTTR, CHD	NEP-8	BCC/PS	National
2. Civil Engineering Department									
65.	ICT-67	Industry	Fundamentals of BIM and Geospatial Technologies for Development of Smart Cities	13.10.2025	17.10.2025	NITTTR, CHD	NEP-10	HS	National
3. Computer Science & Engineering Department									
66.	ICT-68	Research Oriented	Data Science & Machine Learning using Python	13.10.2025	17.10.2025	NITTTR, CHD	NEP-8	SS	National
4. Information Management and Emerging Engineering Department									
67.	ICT-69	Pedagogy	Outcome Based Education and Pedagogical Skills	13.10.2025	17.10.2025	NITTTR, CHD	NEP-1	MD	National
5. Rural Development Department									
68.	ICT-70	National Mission	Unnat Bharat Abhiyan for Teachers of Higher Education	13.10.2025	17.10.2025	NITTTR, CHD	NEP-2	UNR	National
69.	ICT-71	Advanced	Affordable Housing in Disaster Prone Areas	27.10.2025	31.10.2025	NITTTR, CHD	NEP-9	AG	National

November 2025

1. Applied Science Department									
70.	ICT-72	Skill Oriented	Refresher Course on Nanotechnology: Innovations and Applications	10.11.2025	21.11.2025	NITTTR, CHD	NEP-7	AK/ PS/ BCC	National
71.	ICT-73	General	Nuclear Energy and Power Technologies	24.11.2025	28.11.2025	NITTTR, CHD	NEP-4	BCC	National
2. Civil Engineering Department									
72.	ICT-74	Interdisciplinary	Innovation in Construction and Green Building Materials	10.11.2025	14.11.2025	NITTTR, CHD	NEP-2, 8	SKS/ HG	National
73.	ICT-75	Industry & Academia	Structural Design with STAAD PRO	17.11.2025	21.11.2025	NITTTR, Chd. (Paid)	NEP-10	HS	National
3. Computer Science & Engineering Department									
74.	ICT-76	Industry Supported	Zero Trust Cloud Security (In collaboration with Zscaler Inc.)	10.11.2025	14.11.2025	NITTTR, CHD	NEP-10	MK/ CRK	National
75.	ICT-77	Research Oriented	Open Source Tools for Research	17.11.2025	21.11.2025	NITTTR, CHD	NEP-8	SS	National
4. Electrical Engineering Department									
76.	ICT-78	Research Oriented	Climate Resilient Pathways for Sustainable Development	10.11.2025	14.11.2025		NEP-2	PS	National
77.	ICT-79	Capacity Development	Power Quality and FACTS	17.11.2025	21.11.2025	NITTTR, CHD	NEP-4	LM	National

Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
5. Electronics and Communication Engineering Department									
78.	ICT-80	Research Oriented	Microstrip Patch Antenna Design Techniques and Tools	10.11.2025	14.11.2025	NITTTR, CHD	NEP-	BSD/GS	National
4. Entrepreneurship Development and Industrial Coordination									
79.	ICT-81	Industry Supported	Business Start-ups and IPRs	10.11.2025	14.11.2025	NITTTR, CHD	NEP-2	NB	National
6. Information Management and Emerging Engineering Department									
80.	ICT-82	Advanced	Leadership and Organizational Excellence in HEI's	10.11.2025	14.11.2025	NITTTR, CHD	NEP-9	SSG	National
7. Mechanical Engineering Department									
81.	ICT-83	Research Oriented	Advances in Manufacturing	17.11.2025	21.11.2025	NITTTR, CHD	NEP-8	SJ	National
8. Media Engineering Department									
82.	ICT-84	Capacity Development Program	Institutional Governance and Academic Administration	10.11.2025	14.11.2025	NITTTR, CHD	NEP-4	RKW	National
9. Rural Development Department									
83.	ICT-85	IKS of Health Care	IKS of Healthcare through Herbal and Medicinal Plants and Ayurvedic System	10.11.2025	14.11.2025	Uttarkhand / NITTTR, CHD	NEP-11	UNR	National
December 2025									
1. Education and Educational Management									
84.	ICT-86	Advanced	Online Learning and Evaluation	01.12.2025	05.12.2025	NITTTR, CHD	NEP-5	AK	National
2. Electrical Engineering Department									
85.	ICT-87	Capacity Development	Sustainable Energy Technologies	01.12.2025	05.12.2025		NEP-4	PS	National
3. Mechanical Engineering Department									
86.	ICT-88	Research Oriented	Research & Development using MATLAB	15.12.2025	19.12.2025	NITTTR, CHD	NEP-8	SSD	National
4. Media Engineering Department									
87.	ICT-89	Capacity Building Program	Elevating Educators: Self-Esteem, Motivation and Professional Excellence	08.12.2025	13.12.2025	NITTTR, CHD	NEP-9	RKW	National
5. Rural Development Department									
88.	ICT-90	Pedagogy	Research Methodologies for Inter Disciplinary Research	08.12.2025	13.12.2025	NITTTR, CHD	NEP-1	UNR	National



Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
101.	ICT-103	Industry Supported	AI for Future Workforce - Intermediate Level (in Collaboration with Intel)	02.02.2026	06.02.2026	NITTTR CHD	NEP-10	MK/CRK	National
102.	ICT-104	Skill Oriented	Data Analytics using Python	23.02.2026	27.02.2026	NITTTR CHD	NEP-7	AD	National

3. Curriculum Development Centre

103.	ICT-105	Pedagogy	Quality Enhancement through Outcome Based Curriculum Implementation	16.02.2026	20.02.2026	NITTTR, CHD	NEP-1	MS	National
104.	ICT-106	Pedagogy	A Systematic Approach for Curriculum Development	23.02.2026	27.02.2026	NITTTR, CHD	NEP-1	SKG	National

4. Education and Educational Management

105.	ICT-107	Pedagogy	Leading from within Managing your Ego and Emotions	09.02.2026	13.02.2026	NITTTR, CHD	NEP-1	AK	National
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5. Electrical Engineering Department

106.	ICT-108	Capacity Development	Soft Computing Techniques	09.02.2026	13.02.2026	NITTTR, CHD	NEP-4	LM	National
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6. Mechanical Engineering Department

107.	ICT-109	Emerging Area	Recent Advances in Automotive Technology	16.02.2026	20.02.2026	NITTTR, CHD	NEP-2	SSD	National
108.	ICT-110	Emerging Area	Green Manufacturing	23.02.2026	27.02.2026	NITTTR, CHD	NEP-2	SJ	National

7. Media Engineering Department

109.	ICT-111	Capacity Development Program	Academic Audit and Institutional Ranking	09.02.2026	13.02.2026	NITTTR, CHD	NEP-4	RKW	National
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March 2026

1. Computer Science & Engineering Department

110.	ICT-112	Emerging Area	Deep Learning for Engineering Applications	09.03.2026	13.03.2026	NITTTR, CHD	NEP-2	AD	National
111.	ICT-113	Research Oriented	Python for Machine Learning and Essential Concepts	09.03.2026	13.03.2026	NITTTR, CHD	NEP-8	SS	National
112.	ICT-114	Skill Oriented	Mastering Cloud Computing with AWS Cloud	09.03.2026	13.03.2026	NITTTR, CHD	NEP-7	MK	National

2. Curriculum Development Centre

113.	ICT-115	Pedagogy	Strategies for Effective Curriculum Implementation and Evaluation	02.03.2026	06.03.2026	NITTTR, CHD	NEP-1	PKS	National
114.	ICT-116	Skill Oriented	Accomplishment of Curriculum Objectives using FOSS	09.03.2026	13.03.2026	NITTTR, CHD	NEP-7	RM	National

3. Electronics and Communication Engineering Department

Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
115.	ICT-117	Pedagogy	Teaching ECE Lab Subjects using free simulators	09.03.2026	13.03.2026	NITTTR, CHD	NEP-7	GS/ BSD	National
4. Mechanical Engineering Department									
116.	ICT-118	Skill Oriented	Mechanical Measurements & Control	09.03.2026	13.03.2026	NITTTR, CHD	NEP-7	SJ	National

1.2

(C) INTER DEPARTMENTAL COURSES

Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Departments	Mode of Conduct	Venue	Type of NEP	Coordinators	Beneficiary State
1.	ID-1	Pedagogy	Pedagogical Capacity Enhancement of School Teachers in STEM	28.04.2025	02.05.2025	RD/EDIC/Elect.	Contact	NITTTR, CHD	NEP-1	AG/HVS	National
2.	ID-2	Industry Supported	Entrepreneurship and Innovation Management in Real Estate Industry	05.05.2025	09.05.2025	EDIC/Civil	ICT	NITTTR, CHD	NEP-2	HVS/HG	National
3.	ID-3	Skill Oriented	Leadership and Management Skills Development	19.05.2025	23.05.2025	CSE/ECE	Hybrid	NITTTR, CHD	NEP-7	SS/ KS	National
4.	ID-4	Skill oriented	Application of Auto CAD in Engineering	19.05.2025	23.05.2025	Civil / ME	Offline / Online	NITTTR, CHD	NEP-10	VKS / SJ	National
5.	ID-5	Skill Oriented	Internet of Things- Design Concepts and Use Cases	26.05.2025	30.05.2025	IMEE/ECE	Hybrid	NITTTR, CHD	NEP-7	MD/ GS	National
6.	ID-6	Research Oriented	Research ethics in the era of AI	26.05.2025	30.05.2025	App. Sci./EDIC	Contact	Outstation	NEP-12	AK/ADS/PS	Regional
7.	ID-7	Pedagogy	Capacity Building for Faculty	09.06.2025	13.06.2025	CDC/IMEE	Contact	IIIT, Una	NEP-4	MS/SSG	National
8.	ID-8	Skill Based/ Industry Aligned	Drone Assembly, Fundamentals, and Applications	30.06. 2025	04.07.2025	ECE/ME	Contact	NITTTR, CHD	NEP-7	GS/SSD	National
9.	ID-9	National Mission Mode	Start-ups and Innovation Management for Rural Entrepreneurship	14.07.2025	18.07.2025	RD/EDIC	Contact	Outstation	NEP-9	AG/HVS	Northeast
10.	ID-10	Emerging Area	Mechatronics System Design	14.07.2025	18.07.2025	Mech/ECE	Contact/ ICT	NITTTR, CHD	NEP-2	SSD/ KS	National
11.	ID-11	Research	AI Applications in VLSI Design	21.07.2025	25.07.2025	ECE/IMEE	ICT	NITTTR, CHD	NEP-8	BSD/SSG	National
12.	ID-12	Research Oriented	ICT Tools for Teaching Learnings	18.08.2025	22.08.2025	CIVIL/ECE	Contact	NITTTR, CHD	NEP-2	HG/ BSD	National
13.	ID-13	National Mission	AI Application in Agriculture	18.08.2025	22.08.2025	RD/ECE	ICT	NITTTR, CHD	NEP-2	UNR/ KS	National
14.	ID-14	Research Oriented	AI for Electrical Engineers	08.09.2025	12.09.2025	EE/CSE	ICT	NITTTR, CHD	NEP-8	RT/ MK	National
15.	ID-15	Pedagogy	Student Evaluation for Effective Curriculum Implementation	08.09.2025	12.09.2025	CDC/EMGT	Contact/ ICT	NITTTR, CHD	NEP-1	PKS/ AK	National
16.	ID-16	Emerging	Scilab Programming for Emerging Engineering Applications	15.09.2025	19.09.2025	IMEE/ECE	Contact	NITTTR, CHD	NEP-2	MD/ BSD	National
17.	ID-17	Emerging	Scilab Programming for Emerging Engineering Applications	15.09.2025	19.09.2025	ECE/IMEE	ICT	NITTTR, CHD	NEP-2	BSD/ MD	National
18.	ID-18	Pedagogy	Induction Programme for Newly Recruited Teachers	15.09.2025	26.09.2025	RD/EMGT	Contact	NITTTR, CHD	NEP-1	UNR/ EMGT	National

Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Departments	Mode of Conduct	Venue	Type of NEP	Coordinators	Beneficiary State
19.	ID-19	Research Oriented	AI Concepts and Practices for Civil Engineers	13.10.2025	17.10.2025	CIVIL/ CSE	ICT	NITTTR CHD/ Outstation	NEP-8	HG/ MK	National
20.	ID-20	Research Oriented	Artificial Intelligence - Concepts and Practices for Civil Engineers	13.10.2025	17.10.2025	CIVIL/ CSE	Contact	NITTTR, CHD	NEP-2	HG/ MK	National
21.	ID-21	Skill Oriented	Optimization Techniques for Engineers Using MATLAB	10.11.2025	14.11.2025	Appl Sc/ Mech	Hybrid	NITTTR, CHD	NEP -2	KCL/ SSD	National
22.	ID-22	Research Oriented	Engineering Optimization with MATLAB	10.11.2025	14.11.2025	Mech / App. Sc.	Contact/ ICT	NITTTR	NEP-8	SSD/ KCL	National
23.	ID-23	Skill-Oriented	Universal Human Values	24.11.2025	28.11.2025	EDIC/ CDC	Contact Mode	NITTTR, CHD	NEP-12	NB/ PKS	National
24.	ID-24	Skill	AI and IoT Applications	To be Decided		CSE/ ECE	Contact	Outstation	NEP-2	AD/ KS	National
25.	ID-25	Pedagogy	Developing Healthy Work Culture at Workplace	01.12.2025	05.12.2025	CDC/ EMGT	ICT	NITTTR, CHD	NEP-1	SKG/ RC	National
26.	ID-26	Advanced	Computer Aided Design and Artificial Intelligence	01.12.2025	05.12.2025	Mech/ CSE	ICT	NITTTR, CHD	NEP-7	PSR/ AD	National
27.	ID-27	Emerging Area	CAD and AI	01.12.2025	05.12.2025	MECH/ CSE	Contact/ ICT	NITTTR, CHD	NEP-2	PSR/ AD	National
28.	ID-28	Pedagogy	Digital Pedagogical Tools	01.12.2025	05.12.2025	ECE/ Ap Sc.	Contact	Govt. Poly. College, Amritsar	NEP-1	BSD/ PS	National
29.	ID-29	Emerging Areas	Manufacturing 4.0	02.02.2026	07.02.2026	MECH/ EDIC	Contact/ ICT	NITTTR, CHD	NEP-2	PSR/ NB	National

COURSES UNDER CENTRES OF EXCELLENCE

1. Sustainability Through Natural Resources (RD/AS/EDIC)

Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Mode of Conduct	Venue	Type of NEP	Coordinator	Beneficiary State
1.	COE-1	Research Oriented	Nanomaterials: Fundamentals and Applications	10.11.2025	14.11.2025	ICT	NITTTR, CHD	NEP-2	PS/ AK/ BCC	National

2. Educational Policy/ Pedagogy and Action Research (EMGT/CDC/EDIC)

Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Mode of Conduct	Venue	Type of NEP	Coordinator	Beneficiary State
1.	COE-2	Pedagogy	Outcome Based Education	27.10.2025	31.10.2025	ICT	NITTTR, CHD	NEP-1	ABG/ NB	National

Long Term Training Programmes

Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
1.	LT-1	Pedagogy	One month Certificate Programme on Outcome Based Curriculum Design and Implementation	01.08.2025	30.08.2025	NITTTR, CHD	NEP-4	Head CDC	National
2.	LT-2	Pedagogy	One month Certificate Programme on Outcome Based Curriculum Design and Implementation	16.02.2026	17.03.2026	NITTTR, CHD	NEP-4	Head CDC	National
3.	LT-3		M.B.A. in SMART Infrastructure Management				NEP-	HVS/ ADS/ NB	National
4.	LT-4		PG Diploma in “Academic Governance & Management”				NEP-	ADS/ NB/ HVS	National

(D) STUDENT TRAINING PROGRAMMES THROUGH ICT-CUM CONTACT MODE

Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Coordinator	Beneficiary State
1.	ST-1	Skill Oriented	Four Weeks Course on Project Work using MATLAB & Simulink (2 Hours per Day)	16.06.2025	11.07.2025	ICT	SSD	National
2.	ST-2	Skill Oriented	Six Weeks Summer Training for Students- Hands on Practice in HIL & Electric Vehicles	June, 2025	July, 2025	NITTTR, CHD	RT	National
3.	ST-3	Skill Oriented	Six Weeks Training for students on; MATLAB: Basic and Plottings – Hands-on Training	June 2025	July 2025	NITTTR, CHD	KCL	National
4.	ST-4	Skill Oriented	Six Weeks Training for students on; MATHEMATICA Software: Basic and Hands-on Training	June 2025	July 2025	NITTTR, CHD	KCL	National
5.	ST-5	Skill Oriented	Six Weeks Training for students on; LINGO and SPSS: Basic and Hands-on Training	June 2025	July 2025	NITTTR, CHD	KCL	National

1.4 WORKSHOPS

Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Coordinator	Beneficiary State
1.	CP-24-234	Curriculum Design Workshops	NSQF aligned Curricula of 06 Diploma Programmes (Workshops Planned : 24)	April,2025	March,2026	NITTTR, CHD	CDC faculty	Punjab
2.	CP-24-238	Curriculum Design Workshop	NSQF aligned Curriculum of 02 Diploma Programme (Workshops Planned : 12)	April,2025	March,2026	NITTTR, CHD	CDC faculty	Haryana
3.	W-1		Management Development Programme on Universal Human Values	10.04.2025	12.04.2025	NITTTR, CHD	HG/ AK	Northern
4.	W-2	Industry	Modern Trends in Waterproofing Technologies	15.05.2025	16.05.2025	NITTTR, Chandigarh	HG/ SKS	National

Sr. No.	TAC. No.	Category	Name of Programme	Start Date	End Date	Venue	Coordinator	Beneficiary State
5.	W-3	Skill Oriented	2 Days Student Workshop on Electric Vehicles				RT	
6.	W-4	Skill Oriented	2 Days Student Workshop on IoT Implementation using Arduino & Raspberry Pi.				RT	
7.	W-5	Skill Oriented	2 Days Student Workshop on Hands on Practice on Hardware in Loop.				RT	
8.	W-6	Research Oriented	Research Methodology and Patent Filing	20.08.2025	22.08.2025	NITTTR CHD	AK/ NB	National

2.0 CURRICULUM DEVELOPMENT

2.1 CURRICULUM DESIGN

Sr.No.	TAC No.	Programme Title	Coordinator	Dept.
1.	CD-	Developing Curriculum for Integrated B.Sc B.Ed Programme	AK	EMGT
2.	CP-24-234	NSQF aligned Curriculum of 06 Diploma	RM	CDC
3.	CP-24-238	NSQF aligned Curriculum of 02 Diploma	RM	CDC

3.0 INSTRUCTIONAL MATERIAL DEVELOPMENT

3.1 Print Material

Sr. No.	TAC No.	Programme Title	Coordinator	Dept.
BOOKS				
1.		Advance level teaching material – in terms of Book Chapter to be published by the reputed publisher - 01	PS	App Sc
2.		Advance level teaching material – in terms of Book Chapter to be published by the reputed publisher - 01	AK	App Sc
Readers				
1.	R-1	Digital Mfg.	PSR	MECH
2.	R-2	Advanced Machining Processes	PSR	MECH
3.	R-3	Hybrid Machining Processes	PSR	MECH
4.	R-4	Robot Modeling & Simulation with MATLAB	SSD	MECH
Modules				
1.	M-1	Advanced Pedagogical Practices	ABG/ AK	EMGT
Laboratory Manuals				
1.	LM-1	Hands on Practices on HIL and Electric Vehicles.	RT	Electrical

3.2 Massive Open Online Courses (MOOCs)

Sr. No.	TAC No.	Programme Title	Coordinator	Dept.
1.	MO-4	Institutional Management for Entrepreneurship (Re-run)	NB	EDIC
2.	MO-5	Entrepreneurship Development (Re-run)	SKD	EDIC
3.	MO-7	Production of In-house Low Cost Polymer Filament for 4D Printing	RS	MECH
4.	MO-8	Robot Operation and Programming	SSD	MECH
5.	MO-14	Python Programming and its applications in Data Science [Hindi]	MK/ SS	CSE
6.	MO-25	Futuristic Skills for Industry	NB/ AK	EDIC/ EMGT

3.3 Non Print Material

Video Films on MOOCs format

Sr. No.	TAC No.	Programme Title	Coordinator	Dept.
1.	VF-1	Flexible Manufacturing Systems	SSD	MECH
2.	VF-2	Thermal characterization of polymers	RS	MECH
3.	VF-3	Video Film on Futurist Skills for Industry	NB	EDIC
4.	VF-4	Presentation Skills for Effective Curriculum Implementation in regional language	PKS	CDC
5.	VF-5	Networking with Industry in regional language	SKG	CDC
6.	VF-6	Curriculum restructuring in line with NEP- 2020 in regional language	MS	CDC

4.0 RESEARCH AND DEVELOPMENT

4.1 Ph.D Work

Sr. No.	TAC No.	Programme Title	Guide	Dept.
1.	RS-1	Ph.D. Thesis Work	All Faculty	APP. SCI.
2.	RS-2	Ph.D. Thesis Work	All Faculty	CIVIL
3.	RS-3	Ph.D. Thesis Work	All faculty	CSE
4.	RS-4	Ph.D. Thesis Work	All Faculty	CDC
5.	RS-5	Ph.D. Thesis Work	All Faculty	IMEE
6.	RS-6	Ph.D. Thesis Work	All Faculty	MED
7.	RS-7	Ph.D. Thesis Work	All Faculty	ELECT.
8.	RS-8	Ph.D. Thesis Work	All Faculty	ECE
9.	RS-9	Ph.D. Thesis Work	All Faculty	EDIC
10.	RS-10	Ph.D. Thesis Work	All Faculty	EMGT
11.	RS-11	Ph.D. Thesis Work	All Faculty	MECH.
12.	RS-23	Ph.D. Thesis Work	All Faculty	RURAL D.

4.2 M.E. Thesis:

Sr. No	TAC No.	Programme Title	Coordinator	Dept.
1.	RS-12	M.E. Thesis / Project Work	All Faculty	CIVIL
2.	RS-13	M.E. Thesis / Project Work	All Faculty	CSE
3.	RS-14	M.E. Thesis / Project Work	All Faculty	ELECT.
4.	RS-15	M.E. Thesis / Project Work	All Faculty	ECE

Sr. No	TAC No.	Programme Title	Coordinator	Dept.
5.	RS-16	M.E. Thesis / Project Work	All Faculty	MECH.

4.3 Research Projects:

Sr. No	TAC No.	Programme Title	Coordinator	Dept.
1.	RS-19	Impact Study on Implementation of NSQF Aligned Curricula in selected Polytechnics	SKG/ PKS/ RM	CDC
2.	RS-20	Planning and Execution of online courses for students in technical institutions	MS/ PKS/ RM	CDC
3.	RS- 22	Research Study on “Status of Entrepreneurship Development Practices and Strategies in Technical Institutes and strategies for intensification”	All Faculty	EDIC

5. EXTENSION SERVICES AND CONSULTANCY PROJECTS

Extension Services:

Sr. No.	TAC No.	Programme Title	Coord.	Dept.
1.	EX-3	Providing assistance to MHRD, AICTE, DTE, BTE, Engineering Colleges, Polytechnics, Industries and other Institutions/ Organisations etc. in the area of: Curriculum Development	CDC Faculty	CDC
2.	EX-4	Mentoring of NITTTR Students for new Business Start-ups	NB/ HVS/ ADS	EDIC
3.	EX-8	Providing assistance to MHRD, EDCIL, AICTE, ISTE, NPIU, DTE, BTE, Engineering Colleges, Polytechnics, Industries and other Institutions/ Organisations in the areas of: Entrepreneurship Development and Industrial Coordination.	EDIC Faculty	EDIC
4.	EX-11	Student Training (6 Weeks / 6 Months); Nanotech, OFC	BCC/ PS/ AK	App Sc
5.	EX-17	Students Training on Characterization of Materials	AK/ PS/ BCC	App Sc
6.	EX-19	Assistance to State Boards of Technical Education in review of Curriculum and Identification of new programmes.	CDC Faculty	CDC
7.	EX-21	Business Start-up Incubation and Activities	HVS/ ADS/ NB	EDIC
8.	EX-	MOOCs Swayam Course “Communication Skills, Modes & Knowledge Dissemination”(Rerun)	AK	EMGT
9.	EX-	Module-3 NITTT Policy “ Communication Skills, Modes & Knowledge Dissemination”(Rerun)	AK	EMGT

Sponsored Projects/ Programmes/ Activities:

1.	SP-78	CSIR prCSIR project, F No 09/879(0001)/2021-EMR-1 (Renu Dhैया fellowship from CSIR)	AK	App Sc
2.	SP-71	Engineered Novel cobalt-free nanostructured double perovskites for asymmetric energy storage device application	AK/PS	App Sc

Consultancy Projects/ Programmes/ Activities:

1.	CP-12	Product Design and Development	RS	MECH
2.	CP-	Recruitment Projects	SSB	MECH
3.	CP-	Process Design and Management	PSR	MECH
4.	CP-	Material Testing & Analysis	SSD	MECH
5.	CP-	Conduct of Third Party Audit under RTI Act, 2005	NB	EDIC
6.	CP-24-234	Curriculum design of 06 Diploma courses for PSBTE	RM	CDC

Sr. No.	TAC No.	Programme Title	Coord.	Dept.
7.	CP-24-238	Curriculum design of 02 Diploma courses for HSBTE	RM	CDC
8.	CP-128	Sample Analysis with AFM and PLS	BCC/PS/AK	App Sc
9.	CP-8	Training of Students and Faculty from Engineering Colleges and Polytechnics	Head CSE/AS	CSE
10.	CP-19	Facilities and services for training, examinations etc. to outside agencies	Head CSE and Team	CSE
11.	CP-126	Convenience Fee of STC Management System	CRK/ AS/ PB	CSE
12.	CP-9	Training of Students and Faculty from Engineering Colleges and Polytechnics		ECE
13.	CP-3	Antenna Testing	GS/ BSD	ECE
14.	CP-25-249	Training Programme on OBE and Accreditation at UPES Dehradun Uttarakhand from 01-05 April, 2025	MS	CDC
15.	CP-25-250	FDP on Implementation of NEP 2020 from 21-25 April, 2025 at UPES Dehradun	MS	CDC
16.	CP-25-251	FDP on Outcome Based Education and Accreditation (NBA and NAAC Guidelines) from 21-25 April, 2025	RKW	MEDIA
17.	CP-25-252	Online FDP on Outcome Based Education and Accreditation (NBA and NAAC Guidelines) from 21-25 April, 2025	RKW	MEDIA
18.	CP-25-253	FDP on Outcome Based Education Framework Implementation from 19-23 May, 2025 at SIT Pune in online Mode	MS	CDC
19.	CP-25-254	FDP on Accreditation Insights: Preparing for NBA & NAAC from 18-22 August, 2025	RKW	MEDIA
20.	CP-25-255	Online FDP on Accreditation Insights: Preparing for NBA & NAAC from 18-22 August, 2025	RKW	MEDIA
21.	CP-25-256	Online FDP on Academic Leadership Development from 18-22 August, 2025	NB/ RC	EDIC/ EMGT
22.	CP-25-257	FDP on Outcome Based Education and Pedagogical Skills from 13-17 October, 2025	MD	IMEE
23.	CP-25-258	FDP on Curriculum Development Challenges: Outcome Based Alignment, NEP 2020, NCeF from 27-31 October, 2025	MS	CDC
24.	CP-25-259	Online FDP on NBA Accreditation from 15-19 December, 2025	SSG	IMEE
25.	CP-25-260	FDP on Outcome based Education from 09-13 February, 2026	ABG	EMGT
26.	CP-25-261	FDP on AR-VR for Innovative Teaching and Learning Experiences from 9-13 March, 2026	RKW	MEDIA
27.	CP-25-262	Online FDP on AR-VR for Innovative Teaching and Learning Experiences from 9-13 March, 2026	RKW	MEDIA

6. COORDINATION ACTIVITIES:

Sr. No.	TAC No.	Programme Title	Coordinator	Dept.
1.	CO-9	Assistance to NPIU, AICTE, NBA, DTEs, BTEs, MoE. UGC, APACC, NAAC etc.	NB/ HVS/ ADS	EDIC