

# **TRAINING AND ACTIVITIES CALENDAR 2026-2027**

**NATIONAL INSTITUTE OF TECHNICAL TEACHERS TRAINING AND  
RESEARCH, CHANDIGARH  
(DEEMED UNIVERSITY: MoE, GOVT. OF INDIA)**

The institute conducts Short term training programmes in contact mode and ICT mode. All the training programmes are aligned with NEP 2020. All training programmes are mapped with NEP 2020 according to the following criteria.

<b>NEP 2020 Guidelines</b>
Emerging Pedagogy / Assessment and Evaluation - Pedagogy Programmes with Methods and Practice of Teaching ( <b>NEP-1</b> ) In support of “Technology Use and Integration” of NEP 2020
Multidisciplinary Education and Research - Advanced Level futuristic and emerging technology courses ( <b>NEP-2</b> ) In support of 20.6 of NEP 2020, In support of Towards a More Holistic and Multidisciplinary Education of NEP 2020
Mission Mentoring ( <b>NEP-3</b> ) In support of 3.7, 5.23, 10.12 and 14.4.2 of NEP 2020
Capacity Development Programmes ( <b>NEP-4</b> ) In support of Transforming the Regulatory System of Higher Education of NEP 2020
Quality Online Education and Technology (Integrated) Enabled Learning ( <b>NEP-5</b> ) In support of “Online and Digital Education: Ensuring Equitable Use of Technology” of NEP 2020.
Professional Education ( <b>NEP-6</b> ) In support of “Professional Education” of NEP 2020
Hands on Skill Oriented Programmes towards Reimagining Vocational Education ( <b>NEP-7</b> ) In support “Reimagining Vocational Education” of NEP 2020
Research Motivation - Research Oriented Programmes to ignite research passion among faculty ( <b>NEP-8</b> ) In Support of 23.10 of NEP 2020
Capacity Building Programmes – Motivational Programmes ( <b>NEP-9</b> ) In support of “Motivated, Energized, and Capable Faculty” of NEP 2020
Industry collaborative Programmes ( <b>NEP-10</b> ) In support of 11.12 of NEP 2020 (Industry-Academic Interaction)
Programmes related to Community Development ( <b>NEP-11</b> ) In support of 15.6. of NEP 2020
Ethics and Values ( <b>NEP-12</b> )

## Long Term Programs

Sr. No.	TAC No.	Programme Title	Coordinating Dept.	Target Group	Schedule	Venue/ Remarks
<b>MASTER'S DEGREE (REGULAR MODE)</b>						
1	RMCT	Civil Engineering (Construction Technology & Management)	Civil Engineering	Faculty of Technical Institutions/ Industry Personnel/Fresh Graduates	Apr 2026 to Mar 2027	NITTTR CHD
2.	RCSE	Computer Science and Engineering	Computer Science & Engineering			
3.	RMEI	Electrical Engineering (Instrumentation and Control)	Electrical Engineering			
4.	RMEC	Electronics & Communication Engineering	Electronics & Communication Engineering			
5.	RMMT	Mechanical Engineering (Manufacturing Technology)	Mechanical Engineering			
<b>MASTER'S DEGREE (MODULAR MODE)</b>						
1.	MMCT	Civil Engineering (Construction Technology & Management)	Civil Engineering	Faculty of Technical Institutions	June-July and Dec.-Jan	NITTTR CHD
2.	MCSE	Computer Science & Engineering	Computer Science & Engineering	Faculty of Technical Institutions/Working Professionals/ Graduates	July-Dec and Jan-June	
3.	MMEI	Electrical Engineering (Instrumentation and Control)	Electrical Engineering			
4.	MMEC	Electronics & Communication Engineering	Electronics & Communication Engineering			
5.	MMMT	Mechanical Engineering (Manufacturing Technology)	Mechanical Engineering			
<b>B.Tech For Working Professionals</b>						
1.	BTECH CE	Civil Engineering	Civil Engineering	Working Professionals	April 2026 to march 2027	NITTTR CHD
2.	BTECH ECE	Electronics & Communication Engineering	Electronics & Communication Engineering			
3.	BTECH ME	Mechanical Engineering	Mechanical Engineering			

## 1.2 SHORT TERM PROGRAMMES

## A. (CONTACT MODE):

Sr.No	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordi-nator	Benefi-ciary State
<b>April 2026</b>									
<b>1. Applied Science Department</b>									
1.	AS-2	Capacity Building	Sustainable Materials and Technology	06.04.2026	10.04.2026	Rajkiya Engineering College, Ambedkar Nagar, Uttar Pradesh	NEP-4	AK/PS/BCC	National level
2.	AS-1	Woman led Development	Development of Scientific Leadership in Women through Advanced Materials Research and Characterization	20.04.2026	24.04.2026	Bhagat Phool Singh Mahila Vishwavidyalaya Khanpur, HR	NEP-6	AK/PS	National
<b>2. Civil Engineering Department</b>									
3..	CE-1	Skill Oriented	Yoga and Meditation	20.04.2026	24.04.2026	NITTTR, CHD	NEP-12	AKD	National
<b>3. Electrical Engineering Department</b>									
4.	EE-1	Skill Based	Internet of Things (IoT) and its Applications	06.04.2026	10.04.2026	Govt Hydro Engg. College, Bilaspur	NEP-7	RT	HP
<b>4. Electronics and Communication Engineering Department</b>									
5.	ECE-1	Pedagogy	Empowering Educators with ICT Tools for Effective Teaching and Learning	To be decided	To be decided	Outstation	NEP-9	GS	National
<b>5. Information Management and Emerging Engineering Department</b>									
6.	IMEE-1	Pedagogy	Programme on NBA and OBE	To be decided later		NITTTR, CHD	NEP-1	SSG	National
<b>6. Rural Development Department</b>									
7.	RD-1	Capacity building	Earthquake Risk Management	20.04.2026	24.04.2026	NITTTR, CHD	NEP-4	AG	National
<b>May 2026</b>									
<b>1. Applied Science Department</b>									
8.	AS-3	Capacity Building	Indian Knowledge System for Everyone	04.05.2026	08.05.2026	NITTTR, Chandigarh	NEP-4	AK/PS	National
<b>2. Civil Engineering Department</b>									

Sr.No	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordi-nator	Benefi-ciary State
9.	CE-2	Advanced	Latest Design Trends & Codal Provisions for Civil Engineering Structures	04.05.2026	08.05.2026	NITTTR, CHD	NEP-2	HG	National
10.	CE-3	Advanced	Alternate Technologies in Road Construction	18.05.2026	22.05.2026	NITTTR, CHD	NEP-2	AKD	National

### 3. Computer Science & Engineering Department

11.	CSE-1	Skill Based	Mastering Linux for Engineering Applications	25.05.2026	29.05.2026	NITTTR, Chandigarh	NEP-7	AD	National
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### 4. Education and Educational Management

12.	EMGT-1	Research Oriented	Research Methodology	04.05.2026	08.05.2026	NITTTR, Chandigarh	NEP-8	ABG	National
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### 5. Electrical Engineering Department

13.	EE-2	Skill Based	Practical IoT Design and Prototyping with Arduino	04.05.2026	08.05.2026	RGGEC, Kangra	NEP-7	RT	HP
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### 6. Information Management and Emerging Engineering Department

14.	IMEE-2	Woman led development	OBE and Pedagogical Skills	04.05.2026	08.05.2026	Bhagat Phool Mahila Vishwavidyalaya, Sonapat	NEP 1	MD	Haryana
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### 7. Electronics and Communication Engineering Department

15.	ECE-2	Skill Based	Smart Designing for Beginners: Tinkercad + AI Tools	18.05.2026	22.05.2026	SIET, Panchkula	NEP-7	KS	Haryana
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### 8. Media Engineering Department

16.	MED-1	Emerging Areas	Protect Yourself Against Cyber Threats: Awareness & Best Practices	04.05.2026	08.05.2026	NITTTR, Chandigarh	NEP-2	RKW	National
17.	MED-2	Capacity Building Program	Leadership Toolkit for Future-Ready Professionals	18.05.2026	22.05.2026	NITTTR, Chandigarh	NEP-9	RKW	National

## June 2026

### 1. Applied Science Department

18.	AS-4	Skill based	Artificial Intelligence Tools and Techniques for Teaching, Research, and Innovation	01.06.2026	05.06.2026	College of Food Technology, Central Agricultural University Imphal Manipur	NEP-7	(PS/AK)	National
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### 2. Electrical Engineering Department

19.	EE-3	Skill Oriented	Latest Trends in Automation	08.06.2026	12.06.2026	Govt Polytechnic Bainikhet	NEP-7	RT	H.P.
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Sr.No	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordi-nator	Benefi-ciary State
<b>3. Mechanical Engineering Department</b>									
20.	ME-1	Skill Oriented	Advanced Machining Processes	08.06.2026	12.06.2026	NITTTR, CHD	NEP-7	PSR	National
21.	ME-2	Pedagogic al	Refresher Course in Mechanical Engineering	29.06.2026	10.07.2026	NITTTR, CHD	NEP-1	RS / SSD	National
<b>4. Media Engineering Department</b>									
22.	MED-3	Skill Oriented	Quality Content Creation Using Graphics & Animation	08.06.2026	12.06.2026	NITTTR, CHD	NEP-7	RKW	National
<b>July 2026</b>									
<b>1. Computer Science &amp; Engineering Department</b>									
23.	CSE-2	Skill Based	Open Source Technologies for Engineering Applications	20.07.2026	24.07.2026	NITTTR, CHD	NEP-7	AD	National
<b>2. Media Engineering Department</b>									
24.	MED-4	Skill Oriented	Creating Impactful MOOCs through Effective Video Production	06.07.2026	10.07.2026	NITTTR, CHD	NEP-7	RKW	National
25.	MED-5	Mentoring	OBE and NBA-SAR for Quality Assurance	27.07.2026	31.07.2026	NITTTR, CHD	NEP-3	RKW	National
<b>3. Rural Development Department</b>									
26.	RD-2	Pedagog y Based	Pedagogical approach to improve Teaching and Research in Technical Education	27.07.2026	31.07.2026	NITTTR, CHD	NEP-1	AG	National
<b>August 2026</b>									
<b>1. Applied Science Department</b>									
27.	AS-5	General	Professional Ethics and Computational Tools	To be decided	To be decided	To be decided	NEP-12	KCL	National
<b>2. Computer Science &amp; Engineering Department</b>									
28.	CSE-3	Emerging Areas	Ethical Hacking and Cyber Security	17.08.2026	21.08.2026	NITTTR, CHD	NEP-2	CRK/AS	National
<b>3. Civil Engineering Department</b>									
29.	CE-4	Skill Oriented	Yoga and Meditation	17.08.2026	21.08.2026	GPC Jodhpur	NEP-12	AKD	National

Sr.No	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordi-nator	Benefi-ciary State
<b>4. Education and Educational Management</b>									
30.	EMGT-2	Pedagogy	Instructional Planning and Delivery	10.08.2026	14.08.2026	Outstation/NITTTR, CHD	NEP-1	ABG	National
<b>5. Information Management and Emerging Engineering Department</b>									
31.	IMEE-3	Skill Oriented	Designing IoT Solutions: From Devices to Cloud	10.08.2026	14.08.2026	NITTTR, CHD	NEP-7	MD	National
32.	IMEE-4		Programme on NBE and OBE	To be decided later		NITTTR, CHD		SSG	National
<b>6. Media Engineering Department</b>									
33.	MED-6	Emerging Areas	Digital Tools and Strategies for Transformative Teaching-Learning	17.08.2026	21.08.2026	NITTTR, CHD	NEP-1	RKW	National
<b>September 2026</b>									
<b>1. Civil Engineering Department</b>									
34.	CE-5	Interdisciplinary/ General	Energy Efficient and Innovative Construction	21.09.2026	25.09.2026	NITTTR, CHD	NEP-2	AG/ SKS	National
35.	CE-6	Skill Oriented	Latest Practices of testing Highway materials	21.09.2026	25.09.2026	NITTTR, CHD	NEP-10	AKD	National
<b>2. Education and Educational Management</b>									
36.	EMGT-3	Research Oriented	Research Methodology	14.09.2026	18.09.2026	Outstation/ NITTTR, CHD	NEP-8	ABG	National
37.	EMGT-4	Skill/National Mission Mode	Soft Skills & Classroom Teaching	21.09.2026	25.09.2026	NITTTR, CHD	NEP-7	RC	National
<b>3. Electronics and Communication Engineering Department</b>									
38.	ECE-3	Skill Based	PCB Prototyping: Basic and Operations	21.09.2026	25.09.2026	NITTTR, CHD	NEP-7	GS/ MS	National
<b>4. Media Engineering Department</b>									
39.	MED-7	Capacity Building Program	Inspiring Educators: Self-Esteem, Motivation & Professional Excellence	21.09.2026	25.09.2026	NITTTR, Chandigarh	NEP-9	RKW	National
<b>5. Rural Development Department</b>									
40.	RD-3	Pedagogy	Advance Induction Programme for Young Teachers	21.09.2026	25.09.2026	NITTTR, CHD		UNR	National

Sr.No	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordi-nator	Benefi-ciary State
<b>October 2026</b>									
<b>1. Computer Science and Engineering Department</b>									
41.	CSE-4	Skill Based	Python for Data Science: A Project Based Approach	05.10.2026	09.10.2026	NITTTR, Chandigarh	NEP-7	SS	National
<b>November 2026</b>									
<b>1. Civil Engineering Department</b>									
42.	CE-7	Skill Oriented	Mapping by Total Station	16.11.2026	20.11.2026	NITTTR, CHD	NEP-7	HS	National
<b>2. Computer Science &amp; Engineering Department</b>									
43.	CSE-5	Skill Based	Smart and Secure Web Development: An AI Approach	30.11.2026	04.12.2026	NITTTR Chandigarh	NEP-7	SG/AS/CRK	National
<b>3. Electrical Engineering Department</b>									
44.	EE-4	National Mission	Sustainable Development Goals and Natural Resource Management	16.11.2026	20.11.2026	NITTTR Chd/Outstation	NEP-11	PS	National
<b>4. Electronics and Communication Engineering</b>									
45.	ECE-4	Skill Based	Training on Service and Maintenance (for technical staff)	02.11.2026	06.11.2026	NITTTR Chandigarh	NEP-7	Er.MS/ GS	National
<b>5. Mechanical Engineering Department</b>									
46.	ME-3	National Mission/ Women lead	Next Generation Research, Development & Innovation	16.11.2026	27.11.2026	NITTTR, CHD		RS	National
<b>December 2026</b>									
<b>1. Education and Educational Management</b>									
47.	EMGT-5	Pedagogy	Faculty Induction Training Programme for Newly Recruited Teachers'	07.12.2026	18.12.2026	NITTTR, CHD	NEP-1	ADK	National
<b>2. Entrepreneurship Development and Industrial Coordination</b>									

Sr.No	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordi-nator	Benefi-ciary State
	EDIC-1	National Mission Mode	Promoting Entrepreneurship for Making Aatam Nirbhar Bharat	07.12.2026	11.12.2026	G. P. Punjab	NEP-3	NB	Punjab

### 3. Media Engineering Department

48.	MED-8	Capacity Building Program	Mastering the Metrics: Academic Audit and Leadership for Institutional Ranking (NBA, NAAC & NIRF Guidelines)	07.12.2026	11.12.2026	NITTTR, Chandigarh	NEP-9	RKW	National
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### 4. Rural Development Department

49.	RD-4	Industry Oriented	Start-ups and Innovation Management for Rural Entrepreneurship	07.12.2026	11.12.2026	NITTTR, CHD	NEP-8	AG	National
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## January 2027

### 1. Applied Science Department

50.	AS-6	Emerging Areas	Newer Experiments in Applied Science	04.01.2027	08.01.2027	NITTTR Chandigarh	NEP-10	(BCC/PS/AK)	National
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### 2. Electrical Engineering Department

51.	EE-5	Skill Oriented/ Industry Aligned	Electric Vehicles	18.01.2027	22.01.2027	NITTTR, CHD	NEP-7	RT	National
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### 3. Media Engineering Department

52.	MED-9	Emerging Areas	Teaching-Learning with AI	18.01.2027	22.01.2027	NITTTR, Chandigarh	NEP-1	RKW	National
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## February 2027

### 1. Applied Science Department

53.	AS-7	Skill Based	Hands-on Practice: Materials Characterization	08.02.2027	12.02.2027	NITTTR Chandigarh	NEP-7	PS/AK/BCC	National
54.	AS-8	Skill based	Engineering Computation with MATHEMATICA software	22.02.2027	26.02.2027	NITTTR CHD	NEP-8	KCL	National

### 2. Civil Engineering Department

55.	CE-8	Industry & Academia	Structural Analysis & Design with STAAD PRO	08.02.2027	12.02.2027	NITTTR, CHD	NEP-10	HS	National
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### 3. Electrical Engineering Department

Sr.No	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordi-nator	Benefi-ciary State
56.	EE-6	Skill Based	Solar Energy Transformation Technologies	22.02.2027	26.02.2027	NITTTR, Chandigarh	NEP-6	PS	National
57.	EE-7	Industry Oriented	LabVIEW Applications in Engineering	08.02.2027	12.02.2027	NITTTR, Chandigarh	NEP-6	AM	National
<b>4. Mechanical Engineering Department</b>									
58.	ME-4	Skill Oriented	Operation and Troubleshooting of Machine Tools & Lab Equipment	08.02.2027	12.02.2027	NITTTR, CHD		SJ	National
<b>5. Media Engineering Department</b>									
59.	MED-10	Capacity Building Program	Fostering Creativity and Innovation in Institutions	15.02.2027	19.02.2027	NITTTR, Chandigarh	NEP-9	RKW	National
<b>March 2027</b>									
<b>1. Civil Engineering Department</b>									
60.	CE-9	Advanced	Sustainable Design and Construction of Roads	15.03.2027	19.03.2027	NITTTR, CHD	NEP-7	AKD	National
<b>2. Computer Science &amp; Engineering Department</b>									
61.	CSE-6	National Mission	OBE Practices and GAPC 4.0 (in context of latest NBA SAR)	01.03.2027	05.03.2027	NITTR Chandigarh	NEP-3	CRK/MK	National
<b>3. Entrepreneurship Development and Industrial Coordination</b>									
62.	EDIC-2	Skill-Oriented	Project Management for Entrepreneurial Ventures and Startups	15.03.2027	19.03.2027	TBD	NEP - 7	HVS	National
<b>4. Media Engineering Department</b>									
63.	MED-11	Emerging Areas	Creating Immersive Learning Experiences with AR-VR	15.03.2027	19.03.2027	NITTTR, Chandigarh	NEP-2	RKW	National



**ICT MODE****1.2 SHORT TERM PROGRAMMES****B. [ICT MODE (Through Google Meet/WebEx)]**

Sr.No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
<b>April 2026</b>									
<b>1. Applied Science Department</b>									
1.	ICT-1	Research based	Advanced Materials Research and Characterization	20.04.2026	24.04.2026	NITTTR, CHD	NEP-8	AK/PS	National
<b>2. Electrical Engineering Department</b>									
2.	ICT-2	National Mission	Sustainable Power and Renewable Energy Credits	06.04.2026	10.04.2026	NITTTR, CHD	NEP-8	PS	National
<b>3. Electronics and Communication Engineering Department</b>									
3.	ICT-3	Skill Based	Arduino Programming and Tinker CAD Simulator	20.04.2026	24.04.2026	NITTTR, CHD	NEP-7	BSD	National
<b>May 2026</b>									
<b>1. Computer Science &amp; Engineering Department</b>									
4	ICT-4	Industry Supported	Zero Trust Cloud Security (In collaboration with Zscaler Inc.)	18.05.2026	22.05.2026	NITTTR, CHD	NEP-10	MK/CRK	National
5	ICT-5	Skill Oriented and Emerging Areas	Modern Educators AI Tool Box for Productivity Enhancement	18.05.2026	22.05.2026	NITTTR, CHD	NEP-1&9	SS	National
<b>2. Education and Educational Management</b>									
6	ICT-6	Skill Based	Communication at Workplace	11.05.2026	15.05.2026	NITTTR, CHD	NEP-9	ADK	National
7	ICT-7	Pedagogy/Emerging	Effective Teaching–	18.05.2026	22.05.2026	NITTTR, CHD	NEP-01/05	RC	National

Sr.No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
			Learning using Social Media						
8.	ICT-8	Pedagogy/ Skill Based	Assesment and Evaluation	18.05.2026	22.05.2026	NITTTR, CHD		ADK	
<b>3. Electrical Engineering Department</b>									
9	ICT-9	National Mission	Role of Institutions for Advancing Sustainable Development	04.05.2026	08.05.2026	NITTTR, CHD	NEP-2	PS	National
<b>4. Electronics and Communication Engineering</b>									
10	ICT-10		5G Communication	11.05.2026	15.05.2026	NITTTR, Chandigarh	NEP-2	GS	National
<b>5. Media Engineering Department</b>									
11	ICT-11	Emerging Areas	Protect Yourself Against Cyber Threats: Awareness & Best Practices	04.05.2026	08.05.2026	NITTTR, Chandigarh	NEP-2	RKW	National
12	ICT-12	Capacity Building Program	Leadership Toolkit for Future-Ready Professionals	18.05.2026	22.05.2026	NITTTR, Chandigarh	NEP-9	RKW	National
<b>6. Rural Development Department</b>									
13	ICT-13	National Mission	Role of Indian knowledge system and skill development in Technical education	11.05.2026	15.05.2026	NITTTR, Chandigarh	NEP-3	AG	National
<b>June 2026</b>									
<b>1. Media Engineering Department</b>									
14	ICT-14	Skill Oriented	Quality Content Creation Using Graphics & Animation	08.06.2026	12.06.2026	NITTTR, Chandigarh	NEP-7	RKW	National
<b>2. Rural Development Department</b>									
15	ICT-15	Skill Based	Skill Development for Employment Generation in India	01.06.2026	05.06.2026	NITTTR, Chandigarh	NEP-7	AG	National
<b>July 2026</b>									
<b>1. Applied Science Department</b>									

Sr.No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
16	ICT-16	National Mission	Indian Knowledge System and Vedic Mathematics	06.07.2026	10.07.2026	NITTTR, CHD	NEP-3	KCL	National
<b>2. Civil Engineering Department</b>									
17	ICT-17	Advance/ Research	Advanced Construction Materials and Techniques	20.07.2026	24.07.2026	NITTTR, CHD	NEP-2/8	HG / SKS	National
<b>3. Computer Science &amp; Engineering Department</b>									
18	ICT-18	Industry Oriented	AI for Future Workforce (In collaboration with Intel)	20.07.2026	24.07.2026	NITTTR Chandigarh	NEP-10	MK/CRK	National
<b>4. Entrepreneurship Development and Industrial Coordination</b>									
19	ICT-19	Industry Supported	Strategic Institute Interaction in Higher Education Institutes	13.07.2026	17.07.2026	NITTTR, CHD	NEP-10	NB	National
<b>5. Media Engineering Department</b>									
20	ICT-20	Mentoring	OBE and NBA-SAR for Quality Assurance	27.07.2026	31.07.2026	NITTTR, Chandigarh	NEP-3	RKW	National
<b>August 2026</b>									
<b>1. Civil Engineering Department</b>									
21	ICT-21	Industry	Defect free Construction Repair and Maintenance	17.08.2026	21.08.2026	NITTTR, CHD	NEP-2	AG/ SKS	National
<b>2. Computer Science &amp; Engineering Department</b>									
22	ICT-22	Skill oriented and Research oriented	AI and Cloud based Tools for Research	17.08.2026	21.08.2026	NITTTR, CHD	NEP-8&9	SS	National
<b>3. Education and Educational Management</b>									
23	ICT-23	Emerging Areas	Advanced Pedagogy	03.08.2026	07.08.2026	NITTTR, CHD	NEP-5	ADK	National

Sr.No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
24	ICT-24	Pedagogy/Emerging	AI Tools for Teaching & Learning	17.08.2026	21.08.2026	NITTTR, CHD	NEP-01/05	RC/ADK	National
<b>4. Entrepreneurship Development and Industrial Coordination</b>									
25	ICT-25	Research Oriented	Enhancing Research Capabilities for Academic Career Progression	03.08.2026	07.08.2026	NITTTR, CHD	NEP-8	HVS	National
<b>5. Media Engineering Department</b>									
26	ICT-26	Emerging Areas	Digital Tools and Strategies for Transformative Teaching-Learning	17.08.2026	21.08.2026	NITTTR, Chandigarh	NEP-1	RKW	National
<b>September 2026</b>									
<b>1. Computer Science &amp; Engineering Department</b>									
27	ICT-27	Skill Based	Advanced Python for Engineering Applications	07.09.2026	11.09.2026	NITTTR Chandigarh	NEP-7	AD	National
28	ICT-28	Skill Based	AI-driven Social Networks Analysis and its applications in Digital Marketing	14.09.2026	18.09.2026	NITTTR Chandigarh	NEP-7	SS	National
29	ICT-29	Industry Oriented	Generative AI (In collaboration with Intel)	21.09.2026	25.09.2026	NITTTR Chandigarh	NEP-10	MK/CRK	National
<b>2. Civil Engineering Department</b>									
30	ICT-30	Industry Oriented	Application of Geo-Spatial tools in Engineering	21.09.2026	25.09.2026	NITTTR, CHD	NEP-8	HS	National
<b>3. Electronics and Communication Engineering Department</b>									
31	ICT-31	Research based and Emerging Areas	IoT Enabled Embedded systems	21.09.2026	25.09.2026	NITTTR, Chandigarh	NEP-8/2	KS	National
<b>4. Media Engineering Department</b>									

Sr.No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
32	ICT-32	Capacity Building Program	Inspiring Educators: Self-Esteem, Motivation & Professional Excellence	21.09.2026	25.09.2026	NITTTR, Chandigarh	NEP-9	RKW	National
<b>October 2026</b>									
<b>1. Civil Engineering Department</b>									
33	ICT-33	Emerging Areas	Sustainable Education Campus Design	12.10.2026	16.10.2026	NITTTR, CHD	NEP-2	HG	National
<b>2. Computer Science &amp; Engineering Department</b>									
34	ICT-34	Research Based	OpenCV for Image and Video Processing Applications	12.10.2026	16.10.2026	NITTTR, CHD	NEP-8	AD	National
35	ICT-35	Industry Supported	Zero Trust Cloud Security  (In collaboration with Zscaler Inc.)	12.10.2026	16.10.2026	NITTTR, CHD	NEP-10	MK/CRK	National
<b>3. Education and Educational Management</b>									
36	ICT-36	Capacity Building	Nurturing Human Centric organization	05.10.2026	09.10.2026	NITTTR, CHD	NEP-1	ADK	National
<b>4. Electrical Engineering Department</b>									
37	ICT-37	Research Based	Emerging Trends in Sustainable Technology and Innovation	12.10.2026	16.10.2026	NITTTR, CHD	NEP-2	PS	National
<b>5. Electronics and Communication Engineering Department</b>									
38	ICT-38	Skill based	Scilab Programming for Engineering Applications	12.10.2026	16.10.2026	NITTTR, CHD	NEP-2	BSD	National
<b>6. Entrepreneurship Development and Industrial Coordination</b>									
39	ICT-39	Industry Supported	Intellectual Property Rights	12.10.2026	16.10.2026	NITTTR, CHD	NEP-3	NB	National

Sr.No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
			for Business Start-ups						
<b>7. Information Management and Emerging Engineering Department</b>									
40	ICT-40	General	Branding of HEI's for oraganizational Excellence	12.10.2026	16.10.2026	NITTTR, CHD	NEP-3	SSG	National
<b>8. Rural Development Department</b>									
41	ICT-41	National Mission	Integration of AI with IoT for Smart Agriculture	05.10.2026	09.10.2026	NITTTR, CHD	NEP-7	KS/UNR	National
<b>November 2026</b>									
<b>1. Computer Science &amp; Engineering Department</b>									
42	ICT-42	Emerging Areas	Deep Learning Essentials for Engineering Applications	16.11.2026	20.11.2026	NITTTR, CHD	NEP-8	AD	National
<b>2. Education and Educational Management</b>									
43	ICT-43	National Mission Mode	Developing Life Skills in Students	16.11.2026	20.11.2026	NITTTR, CHD	NEP-7	RC	National
44	ICT-44	Skill Based	Methods of Research & Publication Ethics	30.11.2026	04.12.2026	NITTTR, CHD	NEP-8	ADK	National
<b>3. Information Management and Emerging Engineering Department</b>									
45	ICT-45		Ranking and Rating Framework for HEI's	16.11.2026	20.11.2026	NITTTR, CHD		SSG	National
<b>4 Rural Development Department</b>									
46	ICT-46	Women Led Development	Role of Women in Herbal and Medicinal Plants, Ayurveda	30.11.2026	04.12.2026	NITTTR, CHD	NEP-11	UNR	National

Sr.No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
			and Wellness for all						
47	ICT-47	Women Development and	AI & IOT for Rural Development and Women entrepreneurship	16.11.2026	20.11.2026	NITTTR, CHD		AG/SS	National
<b>December 2026</b>									
<b>1. Electrical Engineering Department</b>									
48	ICT-48	Pedagogy	Open Source Teaching Learning Tools	07.12.2026	11.12.2026	NITTTR, CHD	NEP-1	AM	National
<b>2. Media Engineering Department</b>									
49	ICT-49	Capacity Building Program	Mastering the Metrics: Academic Audit and Leadership for Institutional Ranking (NBA, NAAC & NIRF Guidelines)	07.12.2026	11.12.2026	NITTTR, Chandigarh	NEP-9	RKW	National
<b>January 2027</b>									
<b>1. Education and Educational Management</b>									
50	ICT-50	National Mission	Personality Development	18.01.2027	22.01.2027	NITTTR, CHD	NEP-7	RC	National
<b>2. Electrical Engineering Department</b>									
51	ICT-51	National Mission	Circular Economy and Pollution Management	18.01.2027	22.01.2027	NITTTR, CHD	NEP-2	PS	National
<b>3. Electronics and Communication Engineering Department</b>									
52	ICT-52	Research	Self-Configured Sensor Networks and its applications	18.01.2027	22.01.2027	NITTTR, CHD	NEP-8	KS	National
<b>4. Information Management and Emerging Engineering Department</b>									

Sr.No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
53	ICT-53		AI applications in Engineering Research	11.01.2027	15.01.2027	NITTTR, CHD		SSG	National
<b>5. Media Engineering Department</b>									
54	ICT-54	Emerging Areas	Teaching-Learning with AI	18.01.2027	22.01.2027	NITTTR, Chandigarh	NEP-1	RKW	National
<b>February 2027</b>									
<b>1. Computer Science &amp; Engineering Department</b>									
55	ICT-55	Emerging Areas	Advanced Machine Learning for Engineering Applications	08.02.2027	12.02.2027	NITTTR, CHD	NEP-7	EAD	National
<b>2. Media Engineering Department</b>									
56	ICT-56	Capacity Building Program	Fostering Creativity and Innovation in Institutions	15.02.2027	19.02.2027	NITTTR, Chandigarh	NEP-9	RKW	National
<b>March 2027</b>									
<b>1. Computer Science &amp; Engineering Department</b>									
57	ICT-57	Research Based & Emerging Areas	AI Cyber Defence Intelligence	15.03.2027	19.03.2027	NITTTR, CHD	NEP-8/2	CRK/AS	National
58	ICT-58	Skill Oriented and Research Oriented	AI and Machine Learning Using Python	22.03.2027	26.03.2027	NITTTR, CHD	NEP-2/8	SS	National
<b>2. Education and Educational Management</b>									
59	ICT-59	National Mission Mode	Preparing Students for Job Interviews	08.03.2027	12.03.2027	NITTTR, CHD	NEP-7	RC	National
<b>3. Information Management and Emerging Engineering Department</b>									
60	ICT-60	General	Internal Quality Assurance Cell: Role and Importance	22.03.2027	26.03.2027	NITTTR, CHD	NEP-3	SSG	National
<b>4. Media Engineering Department</b>									

Sr.No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
61	ICT-61	Emerging Areas	Creating Immersive Learning Experiences with AR-VR	15.03.2027	19.03.2027	NITTTR, CHD	NEP-2	RKW	National



## Hybrid Courses

Sr.No	TAC.No	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
<b>1. Applied Science Department</b>									
1	HBAS-1	National Mission	Sustainable Materials and Technology	06.04.2026	10.04.2026	NITTTR, CHD	NEP-11	AK/PS	National
2	HBAS-2	Research Based	Materials and Devices for Energy Applications	07.09.2026	11.09.2026	NITTTR, CHD	NEP-10	AK/PS	National
3	HBAS-3	National Mission	Green Horizons: Interdisciplinary Approaches for Sustainable Future	16.11.2026	20.11.2026	NITTTR, CHD	NEP-11	(PS/AK)	National
<b>2. Civil Engineering Department</b>									
4	HBCE-1	Advanced	Construction Management	21.09.2026	25.09.2026	NITTTR, CHD	NEP-10	VKS	National
5	HBCE-2	Skill Oriented	Quality Control of Latest Civil Engineering Materials	22.02.2027	26.02.2027	NITTTR, CHD	NEP-7	VKS/ HS/ AKD	National
6	HBCE-3	Advanced	Bearing Capacity Estimation for Foundations	16.11.2026	20.11.2026	NITTTR, CHD	NEP-7	VKS	National
<b>3. Curriculum Development Centre</b>									
7	HBCDC-1	Pedagogy	Curriculum Development using Outcome Based Approach	03.08.2026	07.08.2026	NITTTR, CHD	NEP - 1	MS	National
8	HBCDC-2	Pedagogy	A Systematic Approach for Curriculum Development	10.08.2026	14.08.2026	NITTTR, CHD	NEP - 1	SKG	National
9	HBCDC-3	Pedagogy	Curriculum Implementation and Evaluation	17.08.2026	21.08.2026	NITTTR, CHD	NEP - 1	PKS	National
10	HBCDC-4	Skill/ Industry Aligned	Open Learning Resources to Achieve Curriculum Objectives	24.08.2026	28.08.2026	NITTTR, CHD	NEP-10	RM	National
11	HBCDC-5	Pedagogy	Outcome Based Curriculum Design and Implementation	16.11.2026	20.11.2026	Outstation	NEP - 1	SKG	National
12	HBCDC-6	Pedagogy	Curriculum Development Challenges	15.02.2027	19.02.2027	NITTTR, CHD	NEP - 1	MS	National

13	HBCDC-7	Pedagogy	A Scientific approach for Curriculum Development Process	22.02.2027	26.02.2027	NITTTR, CHD	NEP - 1	SKG	National
14	HBCDC-8	Skill/ Industry Aligned	Effective Curriculum Implementation using Open Learning Tools	08.03.2027	12.03.2027	NITTTR, CHD	NEP - 10	RM	National
<b>4. Electronics and Communication Engineering Department</b>									
15	HBECE-1	Skill Based/ Rresearch oriented	From Theory to Practice: Microstrip Patch Antenna Design	30.11.2026	04.12.2026	NITTTR, CHD	NEP-7	GS/ BSD	National
16	HBECE-2	Pedagogy /Skill	Innovative Pedagogy for ECE Laboratory Courses Using Free Simulation Tools	01.03.2027	05.03.2027	NITTTR, CHD	NEP-1	BSD/GS	National
<b>5. Computer Science and Engineering Department</b>									
17	HBCSE-1	Skill Oriented	Applied Data Science: Tools, Techniques, and Use Cases	01.02.2026	05.02.2026	NITTTR, CHD	NEP-7	MK	National
<b>6. Entrepreneurship Development and Industrial Coordination</b>									
18	HBEDIC-1	Skill Oriented	Entrepreneurial Skills for Sustainable Development	22.02.2027	26.02.2027	NITTTR, CHD	NEP-11	HV S	National
19	HBEDIC-2	Emerging Areas	Futuristic Skills for Industry 5.0	17.08.2026	21.08.2026	NITTTR, CHD	NEP-7	NB	National
<b>7. Information Management and Emerging Engineering Department</b>									
20	HBIMEE-1	Emerging Areas	AI and Open source tools for teaching Learning Excellence	18.05.2026	22.05.2026	NITTTR, CHD	NEP-2	MD	National
21	HBIMEE-2	Pedagogy	OBE and Pedagogical Skills	12.10.2026	16.10.2026	NITTTR, CHD	NEP-1	MD	National
22	HBIMEE-3	Research based	Intelligent Data Analytics and Machine Learning	14.12.2026	18.12.2026	NITTTR, CHD	NEP-8	MD	National
<b>8. Mechanical Engineering Department</b>									
23	HBME-1	Pedagogical	CADD using AutoCAD (Hybrid Mode)	11.05.2026	15.05.2026	NITTTR, CHD		PSR	National
24	HBME-2	Industry Oriented	Digital Design Using CAD Softwares	18.05.2026	22.05.2026	NITTTR, CHD		SJ	National

25	HBME-3	Emerging Area/ Skill Based	3D & 4D Printing	15.06.2026	19.06.2026	NITTTR, CHD		RS	National
26	HBME-4	Emerging Area	Hybrid Manufacturing	06.07.2026	10.07.2026	NITTTR, CHD		RS	National
27	HBME-5	Pedagogical	Engineering Graphics & CAD	03.08.2026	07.08.2026	NITTTR, CHD		PSR	National
28	HBME-6	Research Oriented	Practical Applications of Auto CAD in Engineering	17.08.2026	21.08.2026	NITTTR, CHD		SJ	National
29	HBME-7	Pedagogical	Engineering Application Using CAD	21.09.2026	25.09.2026	NITTTR, CHD		PSR / SJ	National
30	HBME-8	Research Oriented	Research & Development using MATLAB Tools	05.10.2026	09.10.2026	NITTTR, CHD		SSD	National
31	HBME-9	Consultancy	Design, Thinking & Innovation in Engineering	12.10.2026	16.10.2026	NITTTR, CHD		SJ	National
32	HBME-10	Emerging Area	Hybrid Machining Processes	07.12.2026	11.12.2026	NITTTR, CHD		PSR	National
33	HBME-11	Industry Oriented	Advances in Automotive Technology	02.03.2027	05.03.2027	NITTTR, CHD		SSD	National
34	HBME-12	Emerging Area	Blue Ocean Strategy for Green Manufacturing	15.03.2027	19.03.2027	NITTTR, CHD		SJ	National

### 9. Rural Development Department

35	HBRD-1	National Mission	Climate Change and Disaster Management with special reference to recent cloud bursts, landslides and Floods in Himalayan Region	01.06.2026	05.06.2026	NITTTR, CHD	NEP-11	UNR	National
36	HBRD-2	National Mission	Sustainable Agricultural Practices for Earning Carbon Credits from Global Voluntary Carbon Market	03.08.2026	07.08.2026	NITTTR, CHD	NEP-11	UNR	National
37	HBRD-3	National Mission	Role of Teachers and Students in Unnat Bharat Abhiyan	02.11.2026	06.11.2026	NITTTR, CHD	NEP-1	UNR	National
38	HBRD-4	General	Institutional Management, Leadership and Vision for	01.02.2027	05.02.2027	NITTTR, CHD	NEP-4	UNR	National

			Creating Centre of Excellence under NEP 2020						
39	HBRD-5	Women Led Development	Role of Women in Herbal and Medicinal Plants, Ayurveda and Wellness for all	30.11.2026	04.12.2026	NITTTR, CHD		UNR	National
40	HBRD-6	Research Based	Research Methodologies for Inter Disciplinary Research Projects	01.03.2027	05.03.2027	NITTTR CHD	NEP-8	UNR	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	Industry Supported	Entrepreneurship and Innovation Management in Real Estate Industry	20.04.2026	24.04.2026	EDIC/CE	Hybrid mode	NITTTR, CHD	NEP – 2	HVS/HG	National
2.	ID-2	Research Oriented	ICT and Intellectual Property Rights for Library Management	04.05.2026	08.05.2026	EDIC/ECE	Contact	NITTTR, CHD	NEP - 3	NB/ BSD	National
3.	ID-3	Industry oriented	From Conventional to AI-Assisted VLSI Design	18.05.2026	22.05.2026	ECE/ IMEE	ICT	NITTTR, CHD		BSD / SSG	National
4.	ID-4	National Mission Mode and NEP	Developing Ethics and Values in Curriculum Implementation	18.05.2026	22.05.2026	CDC/EDIC	Hybrid Mode	NITTTR, CHD	NEP - 12	PKS /NB	National
5.	ID-5	Research Based & Emerging Areas	AI and IoT for Next Generation Systems	27.07.2026	31.07.2026	ECE/ CSE	ICT	NITTTR, CHD	NEP-8&2	KS/ AD	National
6.	ID-6	Skill/ Industry Aligned	Smart Automation	27.07.2026	31.07.2026	EE/CDC	Hybrid Mode	NITTTR, CHD	NEP - 10	RT/RM	National
7.	ID-7	Emerging Areas	Intelligent Computing Tools for Engineering Applications	10.08.2026	14.08.2026	AS/ECE	ICT	NITTTR, CHD	NEP-2	KCL /GS	National
8.	ID-8	Emerging Areas	Advancing to Industry 5.0 with AI	17.08.2026	21.08.2026	CSE/EE	ICT	NITTTR, CHD	NEP-2	MK/RT	National
9.	ID-9	Skill oriented	Practical Application of Auto CAD in Engineering	17.08.2026	21.08.2026	CE / ME	Hybrid Mode	NITTTR CHD	NEP-10	VKS / SJ	National
10.	ID-10	Skill based	Optimization Algorithms and MATLAB Applications - I	21.09.2026	25.09.2026	AS/ ME	ICT	NITTTR CHD	NEP-8	KCL / SSD	National
11.	ID-11	Women Development	AI in Education for Women	21.09.2026	25.09.2026	CDC/ IMEE	Hybrid mode	Outstation	NEP - 2	MS/MD	National
12.	ID-12	Research Oriented	Optimization Algorithms and MATLAB Applications - I	21.09.2026	25.09.2026	AS / Mech.	ICT	NITTTR, CHD	NEP- 7	KCL / SSD	National
13.	ID-13	National Mission Mode	Green and Entrepreneurial Skills for Viksit Bharat	21.09.2026	25.09.2026	EDIC/ EMGT	Hybrid mode	NITTTR, CHD	NEP – 7	HVS/ ADK	National
14.	ID-14	Emerging Areas and Women	AI and IoT for Rural Development and Women Entrepreneurs	16.11.2026	20.11.2026	CSE/ RD	hybrid Mode	NITTTR, CHD	NEP-2	SS/ AG	National

Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Departments	Mode of Conduct	Venue	Type of NEP	Coordinators	Beneficiary State
		en Led									
15.	ID-15	Research-Oriented	AI and IoT Interventions for Infrastructure Management	16.11.2026	20.11.2026	CE/CSE	Hybrid mode	NITTTR, CHD	NEP-8	HG/MK	National
16.	ID-16	Research based	Optimization Algorithms and MATLAB Applications -II	16.11.2026	20.11.2026	ME/AS	ICT	NITTTR CHD	NEP-8	SSD /KCL	National
17.	ID-17	National Mission Mode	Indian Knowledge Management System for Start-ups and rural Entrepreneurship	01.02.2027	05.02.2027	RD/EDIC	Contact	Outstation (TBD)	NEP – 2	AG/HVS	National
18.	ID-18	Research Oriented	Optimization Algorithms and MATLAB Applications - II	16.11.2026	20.11.2026	ME / AS	ICT	NITTTR, CHD	NEP- 7	SSD / KCL	National
19.	ID-19	Industry Oriented	CAD/CAM & AI	16.11.2026	20.11.2026	ME / CSE	Hybrid Mode	NITTTR, CHD	NEP- 7	PSR/AD	National
20.	ID-20	Pedagogy	Developing Healthy Work Culture at Workplace	07.12.2026	11.12.2026	EMGT/CDC	Hybrid mode	NITTTR, CHD	NEP - 1	RC/SKG	National
21.	ID-21	Emerging Areas	AI and Computational Tools for Multidisciplinary Engineering Applications	01.02.20 27	05.02.20 27	ECE/ AS	ICT	NITTTR, CHD	NEP-2	G S / K C L	National
22.	ID-22		Effective Classroom Teaching Using AI and ICT Tools	15.02.2027	19.02.2027	ECE/EE	Contact mode	Outstation		BSD / PS	National
23.	ID-23	Emerging Areas	Transforming Leadership Practices through Artificial Intelligence	22.02.2027	26.02.2027	CSE/EMGT	Hybrid Mode	NITTTR, CHD	NEP-2, 7 & 9	SS/R C	National
24.	ID-24	IRG/ Pedagogy	Outcome based Education and Accreditation Process	Final Dates Awaited	Final Dates Awaited	CDC/ TASDC		Outstation	NEP - 1	MS/SSG	National





**5. CONFERENCES/ SEMINARS****International Conference**

S.No.	TAC. No.	Name of Programme	Start Date	End Date	Venue	Coordinator	Beneficiary State
1.							

**National Conference**

S.No.	TAC. No.	Name of Programme	Start Date	End Date	Venue	Coordinator	Beneficiary State
1.	NC-1	9th National Conference on Advances in Manufacturing Technology (Hybrid Mode)	18-12-2026	19-12-2026	NITTTR, CHD	RS/SSD	National

## 1.4 WORKSHOPS

Sr. No.	TAC. No.	Category	Name of Programme	Start Date	End Date	Venue	Coordinator	Beneficiary State
1.	CP-24-238	Curriculum Design	NSQF aligned Curriculum Workshop (Workshops Planned : 6)	April, 2026	March, 2027	NITTTR CHD	CDC faculty	Haryana
2.	RS-19	Action Research	Workshop for finalizing Action research studies (Workshops Planned : 3)	April, 2026	March, 2027	NITTTR CHD	CDC faculty	Haryana/ Punjab/ Chandigarh (U.T.)
3.	RS-20	Action Research	Workshop for finalizing Action research studies (Workshops Planned : 3)	April, 2026	March, 2027	NITTTR CHD	CDC faculty	Haryana/ Punjab/ Chandigarh (U.T.)
4.	W-1	Curriculum Design	NSQF aligned Curriculum Workshops (Workshops Planned : 35)	April, 2026	March, 2027	NITTTR CHD	CDC faculty	Haryana
5.	W-2	Skill Based	Writing in Research & Patent Filing	06.01.2027	08.01.2027	NITTTR, CHD	ADK/N B	National
6.	W-3	Research Oriented	Preparing Research Project and IPR Proposals	18-12-2026	18-12-2026	NITTTR, CHD	RS	Northern Region

## 2.0 CURRICULUM DEVELOPMENT

### 2.1 CURRICULUM DESIGN

Sr.No.	TAC No.	Programme Title	Coordinator	Dept.
1.	CP-24-238	NSQF aligned Curriculum	RM	CDC
2.	CP-25-287	NSQF aligned Curricula for HSBTE	RM	CDC

## 3.0 INSTRUCTIONAL MATERIAL DEVELOPMENT

### 3.1 Print Material

Sr. No.	TAC No.	Programme Title	Coordinator	Dept.
<b>BOOKS</b>				
		5D Printing: Sustainable Manufacturing	RS	Mech.
		Piezoelectric Materials for 3D Printing: Processing and Applications	RS	Mech.
		Thermoset Recycling - Additive Manufacturing and Circular Economy of Thermosetting Materials	RS	Mech.
<b>Readers</b>				
	R-1	Use of MATLAB in teaching of Theory of Machines	SSD	Mech.
<b>MODULES</b>				
<b>LABORATORY MANUALS</b>				

### 3.2 Massive Open Online Courses (MOOCs)

Sr. No.	TAC No.	Programme Title	Coordinator	Dept.
1.	MO-1	Institutional Management for Entrepreneurship (Re-run)	NB	EDIC
2.	MO-2	Entrepreneurship Development (Re-run)	SKD	EDIC
3.	MO-3	Futuristic Skills for Industry	NB/ AK	EDIC/ EMGT
4.	MO-4	Python Programming and its applications in Data Science [Hindi]	MK/SS	CSE
5.	MO-5	Linux Applications in Engineering Education	AD	CSE
6.	MO-6	Mobile and Wireless Communication(in Hindi)( Rerun)	GS	ECE
7.	MO-7	Digital Circuit Design:A Practical Approach (in Hindi) (Rerun)	KS	ECE
8.	MO-8	Artificial Intelligence and Open Source Tools for Teaching Learning Excellence	MD/MS	IMEE/CDC

9.	MO-9	Internet of Things: Design concepts and use cases (Re-Run)	MD	IMEE
10.	MO-10	Educational Video Production (Re-Run)	MD	IMEE
11.	MO-11	Communication Skills Modes & Knowledge Dissemination ( Re-run)	ADK	EMGT
12.	MO-12	PLC & Microcontroller (Instructional Medium Hindi)- Rerun	RT	EE
13.	MO-13	Institutional Management and Administrative Procedures (Rerun)	RKW	Media Engg
14.	MO-14	Climate Change and Disaster Risk Management (Rerun)	RKW	Media Engg
15.	MO-15	Indian Knowledge System and Modern Ethos	PS/ RKW	App Sci/ Media Engg
16.	MO-16	3D Printing of Auxetic Structures: Theory and Practices; 4th rerun onwards	RS	Mech.
17.	MO-17	Industrial Robotics	SSD	Mech.
18.	MO-18	Rerun of MOOC “Digital Electronics: Theory and Practice (Punjabi)		
19.	MO-19	MOOC Course on Artificial Intelligence and Open Source Tools for Teaching Learning Excellence	MS/MD	CDC
20.	MO-20	Video Films in Regional languages	RKW	Media

### 3.3 Non Print Material

#### Video Films on MOOCs format

Sr. No.	TAC No.	Programme Title	Coordinator	Dept.
1.				
2.				

### 4.0 RESEARCH AND DEVELOPMENT

#### 4.1 Ph. D Work

Sr. No.	TAC No.	Programme Title	Guide	Dept.
1.	RS - 1	PhD Thesis Work	All Faculty	APP SC.
2.	RS - 2	PhD Thesis Work	All Faculty	CIVIL
3.	RS - 3	Ph.D Thesis Work	CSE 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-12	Ph. D. Thesis Work	All Faculty	RURAL

#### 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
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-21	Technical Education in India: Past, Present and Future	RKW/ SSG/ PS/ SD/ KD/ MA	Media Engineering

## 5. EXTENSION SERVICES AND CONSULTANCY PROJECTS

### Extension Services:

Sr. No.	TAC No.	Programme Title	Coord.	Dept.
1.		Curriculum related extension services to DTE, BTE and other Institutions/ Organizations.	CDC Faculty	CDC
<b>Sponsored Projects/ Programmes/ Activities:</b>				
1.	SP-78	CSIR project, F No 09/879(0001)/2021-EMR-1 (Renu Dhaiya fellowship from CSIR)	AK	App Sci
2.	SP-71	Engineered Novel cobalt-free nanostructured double perovskites for asymmetric energy storage device application	AK/PS	App Sci
3.	SP-94	Structural Safety Audit of Build Environment and Earthquake & Land Slide Risk Mitigation 21-25 April, 2025 sponsored by DDMA, HP (25)	AG	RD
4.	SP-95	“Addressing the challenges of bakelite waste disposal” sponsored by Punjab State Council for Science and Technology under Capstone Project.	RS	ME
5.	SP-96	‘Design and Development of an Automatic Robotic Welding Station for Spot Welding Process’, sponsored by Punjab State Council for Science & Technology, Chandigarh; Industry Partner: Gilard Electronics, Mohali	SSD	ME
6.	SP-97	Structural Safety Audit of Build Environment, Earthquake & Land Slide Risk Mitigation 28th July – 01 August, 2025 sponsored by DDMA, HP	AG	RD
7.	SP-98	Next Generation Research, Development & Innovation: Empowering Education-Industry 5.0’ under “Research Skill Accelerate Program” of Punjab State Council for Science & Technology, Rs.5,50,000/-	MD/RS	IMEE
<b>Consultancy Projects/ Programmes/ Activities:</b>				
1.	CP-12	Product Design and Development	RS	MECH
2.	CP-24-234	Curriculum design of 06 Diploma courses for PSBTE	RM	CDC
3.	CP-24-238	Curriculum design of 02 Diploma courses for HSBTE	RM	CDC
4.	CP-128	Sample Analysis with AFM and PLS	BCC/PS/AK	App Sc
5.	CP-8	Training of Students and Faculty from Engineering Colleges and Polytechnics	Head CSE and Team	CSE
6.	CP-19	Facilities and services for training, examinations etc. to outside agencies	Head CSE and Team	CSE
7.	CP-126	Convenience Fee of STC Management System	CRK/ AS	CSE
8.	CP-9	Training of Students and Faculty from Engineering Colleges and Polytechnics	All ECE Faculty	ECE
9.	CP-3	Antenna Testing	GS/ BSD	ECE
10.	CP-25-266	Conduct of Third Party Transparency Audit under RTI Act	NB	EDIC
11.	CP-25-267	Laboratory Management System and Internal Auditing as per ISO/IEC 17025:2017	HG/SKS	Civil
12.	CP(T)-25-270	Internship (1+15)	MD	IMEE

Sr. No.	TAC No.	Programme Title	Coord.	Dept.
13.	CP(T)-25-274	Execution of CSIR-IMTECH Word Order for supply and evaluation of OMR sheets	SSB/PS/NB	MECH.
14.	CP(T)-25-275	Empowering Educators for Excellence in technical Education at NIT Delhi from 30.7.25 to 1.8.2025 (30)	MS/SSG	
41.	CP(T)-25-282	Conducting of Common Entrance Examination (CEE) for recruitment under Punjab State Rural Livelihood Mission (PSRLM)	SSG/PS	TASDC
42	CP(T)-25-283	Computer Based Test(CBT) for Dr. B R Ambedkar National Institute of Technology, Jalandhar	SSG/PS	TASDC
43	CP(T)-25-284	Recruitment of Clerk, Telephone Operator for Subordinate Services Selection Board, Punjab	SSG/PS	TASDC
44	CP-25-287	“Designing of Curriculum of Eleven Diploma Courses” for Haryana State Board of Technical Education ( HSBTE ), Panchkula	RM	CDC
45	CP(T)-26-1	Material Testing and Consultancy	RS/SSD	ME
46	CP(T)-26-2	Training of Students and Faculty from Engineering Colleges and Polytechnics	Head, ME and Team	ME
47	CP(T)-26-3	Training of Students and Faculty from Engineering Colleges and Polytechnics	Head, EE and Team	EE
48	CP(T)-26-4	Training of Students and Faculty from Engineering Colleges and Polytechnics	Head, AS and Team	AS
49	CP(T)-26-5	Training of Students and Faculty from Engineering Colleges and Polytechnics	Head, CE and Team	CE
50	CP(T)-26-6	Training of Students and Faculty from Engineering Colleges and Polytechnics	Head, IMEE and Team	IMEE
51	CP(T)-26-7	Six Weeks Training for students on; MATLAB: Basic and Plottings – Hands-on Training	KCL	AS
52	CP(T)-26-8	Six Weeks Training for students on; MATHEMATICA Software: Basic and Hands-on Training	KCL	AS
53	CP(T)-26-9	Six Weeks Training for students on; LINGO and SPSS: Basic and Hands- on Training	KCL	AS
54	CP(T)-26-10	Consultancy based Outcome Education and Accreditation Process STC (Final Dates Awaited)	MS/SSG	CDC/TASDC
56	CP(T)-26-11	Outcome based Education and Accreditation Process	MS/SSG	CDC/TASDC
57	CP(T)-26-12	Conduct of Third Party Audit under RTI Act, 2005	NB	EDIC
58	CP(T)-26-13	Consultancy based NBA Accreditation-Ready OBE Practices	CRK/MK/HG	CSE
59	CP(T)-26-14	Next Gen AI Tools for Teaching and Learning	SS	CSE
60	CP(T)-26-15	AI for Engineering Applications	AD	CSE
61	CP(T)-26-16	Faculty Induction Training Programme for Teachers	ADK / RC	EMGT
62	CP(T)-26-17	Faculty Induction Training Programme for Teachers	ADK / ABG	EMGT
63	CP(T)-26-18	Mentoring Institutions for NBA & Institutional Ranking	RKW	Media Engineering
64	CP(T)-26-19	Indian Knowledge Systems: Humanities and Sciences from 03.08.2026 to 07.08.2026	(PS/AK)	Applied Science
65	CP(T)-26-20	Refresher Course on Indian Knowledge System: Science and Engineering from 03.08.2026 to 14.08.2026	(AK/PS)	Applied Science

Sr. No.	TAC No.	Programme Title	Coord.	Dept.
66	CP(T)-26-21	Indian Knowledge System: Science and Engineering from 10.08.2026 to 14.08.2026	(PS/AK)	Applied Science
67	CP(T)-26-22	Refresher Course on Indian Knowledge Systems in Science and Technology from 04.05.2026 to 15.05.2026	(PS/AK)	Applied Science
68	CP(T)-26-23	Indian Knowledge System: Science and Technology from 11.05.2026 to 15.05.2026	(AK/PS)	Applied Science
69	CP(T)-26-24	Robotics & Automation (06.04.2026 to )	PSR	Mechanical
70	CP(T)-26-25	Digital Manufacturing with CNC & Robotics 30.01.2027 to 13.02.2027	SSD	Mechanical

**COORDINATION ACTIVITIES:**

Sr. No.	TAC No.	Programme Title	Coordinator	Dept.
1.	CO-1	Liaison with other organisations for Master/Ph.D Degree Programmes	Dean Academics & Students	Academic Cell
2.	CO-9	Assistance to NPIU, AICTE, NBA, DTEs, BTEs, MoE. UGC, APACC, NAAC etc.	NB/ HVS/ADS	EDIC
3.	CO-12	B.Tech for Working Professionals	Dean (A&S)	Academic Cell
4.	CO-13	Technical Coordination of ICT based programmes of the Institute	RKW & Team	Media Engineering
5.	CO-14	Technical Coordination of Livestreaming & other Online Projects and Programmes including provision and management of AV Aids	RKW & Team	Engineering