



2023-24



TRAINING AND ACTIVITIES CALENDAR

**National Institute of Technical Teachers
Training and Research**

Sector – 26, Chandigarh –160 019 (India)
(An ISO 9001 : 2015 Certified Institute)

VISION

To be a lead resource institute for promoting excellence in technical education system.

MISSION

- *To offer continuing education and training programs for the faculty and staff of technical education system.*
- *To develop need-based curricula for technical education programs.*
- *To develop instructional material to enhance effectiveness of teaching-learning process*
- *To undertake research and development in engineering & technology and technical education*
- *To provide extension and consultancy services to technical education system*

QUALITY POLICY

Institute is committed to provide high quality and customized education, training, research and development and extension services to technical and vocational education system, industry and community. The institute shall develop leadership in technical teachers' training and provide educational products and services to enable the technical education system to achieve excellence internationally.

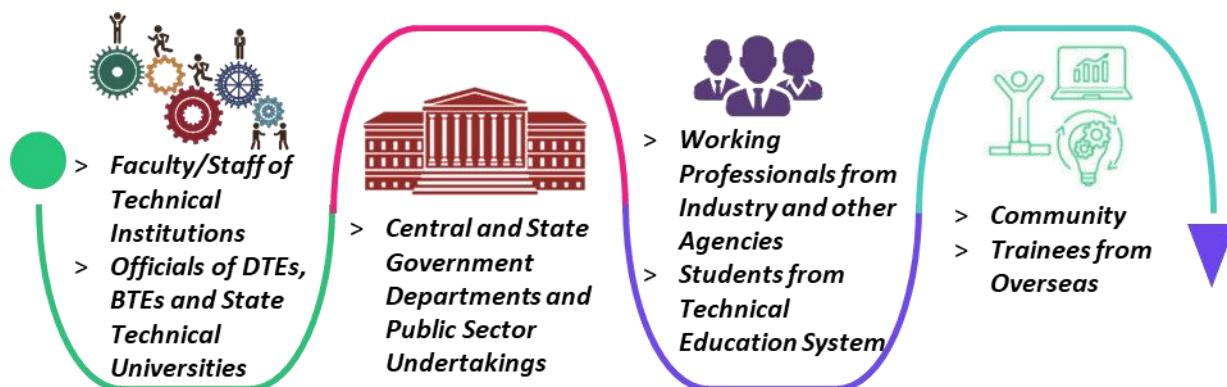
Core Values

- **Quality:** Focusing on standards of performance and continuous improvement.
- **Professionalism:** Demonstrating desired level of performance with prescribed standards of ethical behaviour, intellectual honesty and professional conduct.
- **Accountability:** Owning responsibility for academic work.
- **Creativity and Innovation:** Promoting and encouraging creativity.
- **Collaboration:** Encouraging and supporting networking, within and outside the Institute at national and international level.
- **Transparency:** Ensuring transparency in policies, rules and regulations and working.

Objectives

- *To provide professional education and training for teachers of engineering and technology disciplines in technical institutions for advancement of learning towards promoting excellence in technical education and industry.*
- *To strive for continuous improvement in instruction and research in engineering and technology disciplines and research in management of technical education.*
- *To actively support the growth and quality improvement of technical education in the country through involvement in activities at national and state levels.*

OUR CLIENTELE



INSTRUCTIONS TO THE PARTICIPANTS

- The institute has planned training programmes out of which some are in contact/physical presence mode and some in ICT mode.
 - For programmes in ICT mode, technical institutions anywhere in India can join the course by virtue of being a remote centre. The remote centre is connected via 'Google Meet' at its own location.
 - For ICT mode programmes participants can join at NITTTR, Chandigarh also.
- The courses are for all states all over India.
- Programmes marked "National" implies that Faculty from any state/UT in India can join.
- Faculty from Engineering Colleges/Polytechnics and Technical Institutions can participate in the Programmes. In addition, technical/academic staff can also join the programme in the relevant area.
- Faculty from Engineering Colleges/Polytechnics shall have to be sponsored by their employer. An advance application may be made to facilitate the admission. However, all such applicants will have to submit proof of sponsorship at the time of joining the programme.
- All applicants are advised to ensure confirmation of their admission to the course before joining.
- Though no deviation is generally made in the schedule, applicants are advised to keep a track on website when the scheduled dates are approaching.
- For any clarification participants/Sponsors may write to concerned co-ordinator at first instance, if needed write to imee@nitttrchd.ac.in
- For clustered programme, the communication can be done with any one of the coordinators mentioned.

REGISTRATION AND CERTIFICATION FEE, BOARDING AND LODGING

FOR CONTACT/PHYSICAL PRESENCE COURSE:

A. For Programmes at NITTTR, Chandigarh:

A.1 Participants from Government and Government Aided Polytechnics/Engineering Colleges/ Universities :

a) Travelling Allowance:

- Limited to 2nd AC for Professor/Principal/Principal-Incharge/ Director/ Director-Incharge.
- Limited to 3rd AC/AC Chair Car/ Govt. Volvo Bus for others.

Note: Fare will be reimbursed on providing proof of to and fro travel.

b) Boarding / Lodging:

- Transit DA will be permissible as per institute rules. No DA will be permissible to the course participants for the duration of the course. Free boarding and lodging will be provided by the institute. However, working Lunch and two times tea/coffee will be provided to all participants during the course. There will be no financial liability on the institute if the participants do not stay in accommodation provided by NITTTR, Chandigarh and makes his/her own arrangement outside.

c) Registration and Certification Fee:

- As per the decision of the institute, only 118/- (Rs. 100/- +18% GST) as Registration and Certification Fee will be charged from the participants. For specialised courses, Registration and Certification Fee shall be charged case to case basis as proposed by coordinator and approved by Director separately.

d) Local Conveyance:

Limited to Rs. 200/- at all places without production of bills (once separately for inward and outward journey). If a course participant spends more than Rs. 200/- on local conveyance at different destinations, he/she shall be reimbursed actual expenditure as per local conveyance reimbursement rules of Govt. of India. Such reimbursements shall be processed on submission of genuine printed bills for local conveyance. Participants from other local institute may be reimbursed Rs.100/- per day (Rs. 50/- for coming to the host institute and Rs. 50/- for going back from host institute to place of posting/residence) without any local conveyance bill.

A.2 Participants from Self -financing Polytechnics/Engineering Colleges/Universities:

a) Travelling Allowance:

- Not permissible.

b) Boarding / Lodging:

- Free boarding and lodging will be provided by the institute. There will be no financial liability of the institute for participants staying outside on their own.

c) Registration and Certification Fee:

- As per the decision of the institute, only 118/- (Rs. 100/- +18% GST) as Registration and Certification Fee will be charged from the participants. For specialised courses, Registration and Certification Fee shall be charged case to case basis as proposed by coordinator and approved by Director separately.

A.3 Participants from ITIs and Academic Colleges:

- If a participant who is working in an ITI/Academic College applies to attend a course being organized at NITTTR, Chandigarh, a Registration and Certification Fee of Rs.590/- (Rs. 500/- +18% GST) per participant will be charged.
- Working Lunch and two times tea/coffee will be provided during the course and boarding and Lodging facilities will be provided on payment basis depending on availability of hostel. Travelling allowance and local conveyance will not be permissible.

A.4 Participants from other institutes recognized by AICTE (other than above)

- A Registration and Certification Fee of Rs.118/- (Rs. 100/- +18% GST) per participant will be charged. Working Lunch and two times tea/coffee will be provided during the course and Boarding and Lodging facilities will be provided on payment basis depending on availability of hostel. Travelling allowance and local conveyance will not be permissible.

A.5 Research Scholars (Ph.D and M.E/M.Tech) from any Technical Institute:

- A Registration and Certification Fee of Rs.118/- (Rs. 100/- +18% GST) per participant will be charged. Boarding and Lodging facilities will be provided on payment basis. Travelling allowance and local conveyance will not be permissible. For research scholars of NITTTR Chandigarh no Registration and Certification Fee will be charged

NOTE:

1. Family accommodation will not be provided at the institute to the participants during short term courses.
2. Food/Mess is compulsory for all the residents availing hostel facilities.
3. Participants of STC seeking Guest House accommodation shall be charged Rs. 1770/-/(Rs. 1500/- +18% GST) per day per room in addition of COVID charges as applicable (as mentioned in the Website)
4. Inaugural/Valedictory: Rs. 40/- per person for inaugural session and Rs. 40/- per person for valedictory session (As per BOG approval B.48.5.1)

B. For Programmes at Government and Government Aided Polytechnics/Engineering Colleges/Universities:**B.1. Participants from Government and Government Aided Polytechnics/Engineering Colleges/Universities:****a) Travelling Allowance:**

- Limited to 2nd AC for Professor/Principal/Principal-Incharge/ Director/ Director-Incharge. - Limited to 3rd AC/AC Chair Car/ Govt. Volvo Bus for others.

Note: Fare will be reimbursed on providing proof of to and fro travel.

b) Boarding / Lodging:

- Transit DA will be permissible to outstation course participants as per institute rules. No DA will be permissible to the course participants for the duration of the course. The coordinating host institute will make all efforts to provide free lodging otherwise free boarding and lodging will be arranged by the institute, preferably in the Guest House, Hostel, Rest House and Circuit House etc.

If such arrangement is not possible, then on confirmation, accommodation can be arranged at some other place subject to availability of budget with a maximum limit of Rs. 600/- per day per person at Y and Z category stations and Rs. 900/- per day per person at X category stations on production of bills.

- Participants staying in hotel/guest house away from the host institute shall be reimbursed local conveyance @ Rs. 100/- per day (Rs. 50/-) for coming to the host institute and Rs. 50/- for going back from the host (institute) without submission of bills.
- **Expenditure on account of two times tea and working lunch shall be restricted to Rs. 175/- per day per participant. Out station participants shall be reimbursed tea, breakfast and dinner bill against actual bills subject to a maximum of Rs. 175/- per day per person.**

c) Registration and Certification Fee:

- As per the decision of the institute, only 118/- (Rs. 100/- +18% GST) as Registration and Certification Fee will be charged from the participants. For specialised courses, Registration and Certification Fee shall be charged case to case basis as proposed by coordinator and approved by Director separately.

B.2 Participants from private institutes/universities

a) Travelling Allowance:

- No Travelling Allowance
- No DA will be permissible to the course participants for the duration of the course. Expenditure on account of two times tea and working lunch per participant shall be restricted to Rs. 175/- per day per participant.

b) Local Conveyance:

- Not Permissible

c) Registration and Certification Fee:

- As per the decision of the Institute, Rs.118/- (Rs. 100/- +18% GST) per participant will be charged from all participants. For specialised courses, Registration and Certification Fee shall be charged case to case basis as proposed by coordinator and approved by Director separately.

Note: Honorarium to the Host institutes:

- Course coordinator of the host institute: Rs. 2500/-
- Ancillary staff: Rs. 1500/-

B.3 Research Scholar (Ph.D and M.E/M.Tech) from any Technical Institute:

- A Registration and Certification Fee of Rs.118/- (Rs. 100/- +18% GST) per participant will be charged. Boarding and Lodging facilities will be provided on payment basis. Travelling allowance and local conveyance will not be permissible.

B.4 Inaugural/Valedictory: Rs. 40/- per person for inaugural session and Rs. 40/- per person for valedictory session respectively (As per BOG approval B.48.5.1).

C. For Programmes at Self-financing Technical Institutions / Private Technical Universities (on request of host institute):

C.1 Training Programmes for faculty / Staff

- **Registration and Certification Fee:**
 - i. For 1 or 2 days, Rs. 1,180/- (Rs. 1,000/-+18% GST) per person will be charged. Minimum 30 participants are required.
 - ii. For more than 2 days, Rs. 590/- (Rs. 500/-+18% GST) per day per person will be charged. Minimum 30 participants are required.
- **Boarding and lodging:**
 - i. Not permissible. However, Expenditure on account of two times tea and working lunch per participant shall be restricted to Rs. 175/- per day per participant.
 - ii. TA/DA, Boarding and lodging facilities to outside experts and NITTTR Chandigarh faculty will be provided by host institute.

D. For Programmes at Self-financing Technical Institutions / Private Technical Universities (on request of NITTTR Chandigarh):

D.1 Training Programmes for faculty / Staff

- **Registration and Certification Fee:**
 - i. As per the decision of the Institute, Rs.118/- (Rs. 100/- +18% GST) per participant will be charged from all participants. For specialised courses, Registration and Certification Fee shall be charged case to case basis as proposed by coordinator and approved by Director separately.
- **Boarding and lodging:**
 - i. Not permissible. Working Lunch and Two times tea is not permissible
- **Note: Honorarium to the Host institutes:**
 Course coordinator of the host institute: Rs. 2500/-
 Ancillary staff: Rs. 1500/-

E. For ICT Based Training Programmes:

E.1 For Remote Centre at Government/Government Aided/Self Financing Institutions/Universities:

Registration and Certification Fee:

Rs. 118/- will be charged from the participants of Remote Centre.

- i. **Honorarium to Local Co-ordinator Rs. 2500/-**
- ii. **Payment to supporting faculty/staff Rs. 1500/-**

E.2 Online (ICT at participants' own choice location):

- Registration and Certification Fee of Rs. 118/- (Rs. 100/- +18% GST) is to be charged.

F. Participants sponsored by TEQIP Institute(s):**F.1 Institute TAC Programmes:**

- Registration and Certification Fee @ Rs. 5900/- (Rs. 5000/- +18% GST) per participant will be charged from TEQIP institute for sponsoring its faculty in institute's Operation Plan approved one week programmes.
- If a TEQIP institute requests for an exclusive programme, Registration and Certification Fee will be charged @ Rs. 11,800/- (Rs. 10000/- +18% GST) per participant per week subject to a minimum of (Rs. 1.0 lac + 18% GST). Institute will not pay any TA/DA to participants from TEQIP institutes and they can avail of boarding and lodging facilities on payment basis. TA/DA, Boarding and lodging facilities to experts and NITTTR Chandigarh faculty will be provided by host institute.
- Working lunch, tea/coffee during sessions of the programme will be borne by host institute

G. Programmes for Industry or participants from Industry:**G.1 Participants from Industry:**

- Participants from Industry admitted in Institute's approved course shall be charged Registration and Certification Fee (@Rs. 5000/- + GST) per person per week. Travelling Allowance will not be provided. However Working lunch and two times tea will be provided. The other expenses will be borne by the sponsoring agency or by the individual candidate.

G.2 Programmes exclusively offered for Industry:

- Registration and Certification Fee shall be charged @Rs. 6000/- + GST per person subject to minimum of Rs. 30000/- per programme plus GST as applicable for a duration of 5 days. The Registration and Certification Fee doesn't include boarding and lodging charges. Participants exceeding five shall be charged on pro-rata basis. No TA/DA shall be paid to participants by the institute. However, this Registration and Certification Fee would include working lunch and two times tea. Accommodation and catering services, if required by the sponsoring organization(s) or participants, shall be provided to the course participants on payment basis. the participants shall be charged room rent and catering charges

H.1 For consultancy oriented specialised training courses, the Registration and Certification Fee shall be fixed by Institute and all expenditures pertaining to same programme will be met from Registration and Certification Fee

ONLINE REGISTRATION THROUGH NITTTR CHANDIGARH STC MANAGEMENT PORTAL

1. Institute has developed an interactive App for managing, automating all FDP/STC related processes, profiling of the faculty and making it completely paperless.
2. All participants are required to create their online account through one time registration.
3. After registration, participants can:
 - a. Manage/Update their profile
 - b. Apply for Training Programme/Short Term Courses/Faculty Development Programmes
 - c. View all the Trainings/Short Term Courses/Faculty Development Programmes they have applied and attended.
4. The participant has to upload their sponsorship letter
5. Confirmation to the participants will be sent by the programme coordinator
6. After successful completion of the course, participants can download completion certificate of Short Term Courses/Faculty Development Programmes.
7. All confirmed participants must report at 9:30 am on the starting day of the training programme.

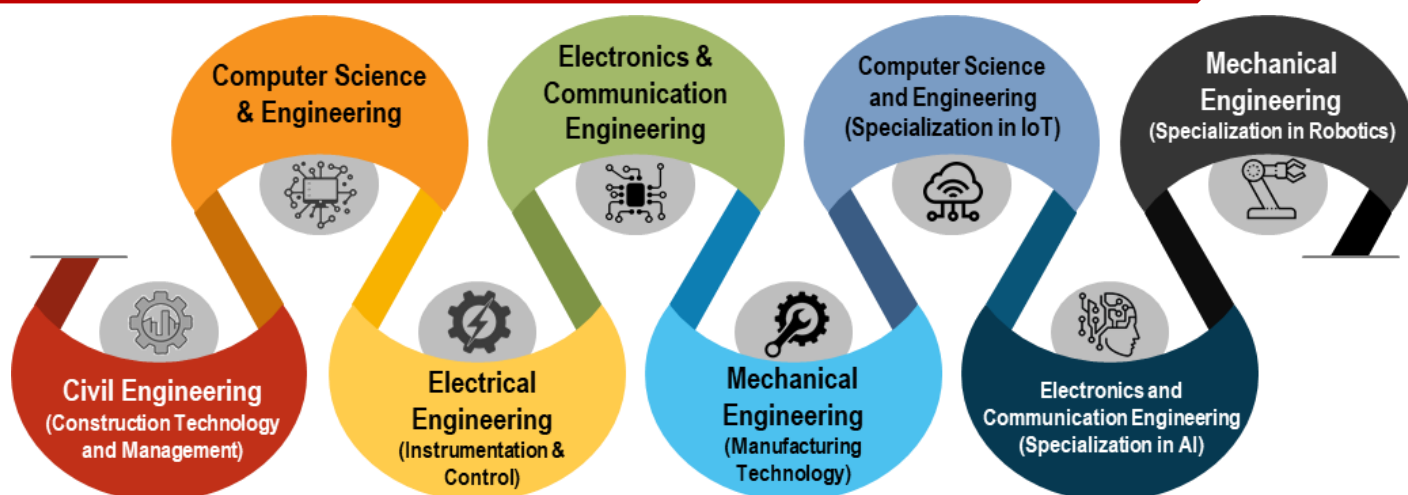
GUIDELINES FOR SPONSORING

1. The training and academic calendar of 2023-2024 will be uploaded in the institute website. The sponsoring agencies may plan in advance for sponsoring the faculty members/staff for the training programmes scheduled.
2. The sponsoring agencies may guide their faculty members to view the contents of the training programmes and accordingly plan out to attend the programmes.
3. The sponsoring agency should provide the sponsorship letter to their faculty members well in time so that they can upload their sponsorship letter in the institute website as mentioned above.
4. Any tailor made programme required for the sponsoring agency can be organized by NITTTR Chandigarh.
5. For self-financing institutes, the Registration and Certification Fee will be charged only for special programmes.

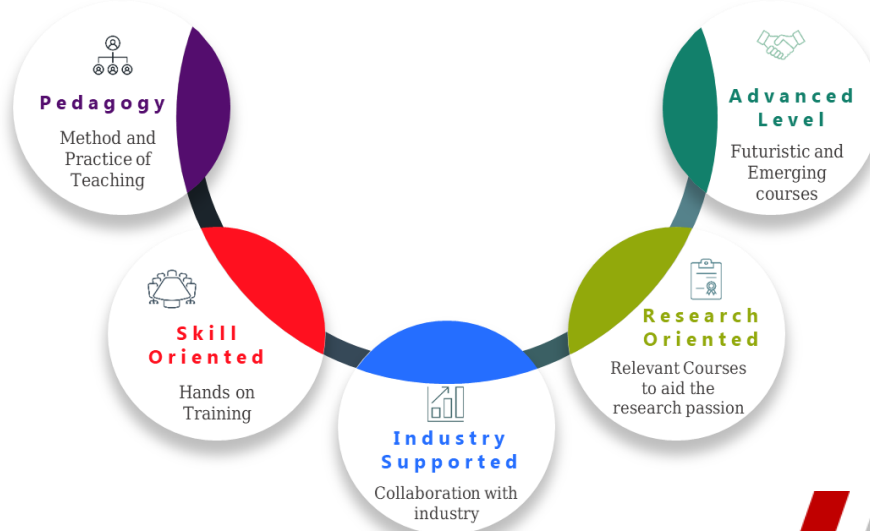
All the training programmes have been categorized as per the mandate of NITTTR Chandigarh:



The staff development programmes are sub-categorized into long term programmes and short term programmes. The institute offers industry-oriented and practice based master degree programmes (Regular and Modular mode) in eight major areas such as:



Short Term Programmes in the respective departments are categorized as:



TRAINING AND ACADEMIC CALENDAR (2023-24)

1. STAFF DEVELOPMENT PROGRAMMES

1.1 LONG TERM PROGRAMMES:

Sr. No.	O.Plan No.	Programme Title	Coordinating Dept.	Target Group	Schedule	Venue/ Remarks
	MASTER’S DEGREE (REGULAR MODE)					
1.	RMCT	Civil Engineering (Construction Technology and Management)	Civil Engineering	Faculty of Technical Institutions/ Industry Personnel/Fresh Graduates	Apr 2023 to Mar 2024	NITTTR CHD
2.	RCSE	Computer Science and Engineering	Computer Science and Engineering			
3.	RMEI	Electrical Engineering (Instrumentation and Control)	Electrical Engineering			
4.	RMEC	Electronics and Communication Engineering	Electronics and Communication Engineering			
5.	RMMT	Mechanical Engineering (Manufacturing Technology)	Mechanical Engineering			
6.	RCSEIOT	Computer Science and Engineering (Specialization in IoT)	Computer Science and Engineering	Fresh Graduates	Apr 2023 to Mar 2024	NITTTR CHD
7.	RMECAI	Electronics and Communication Engineering (Specialization in AI)	Electronics and Communication Engineering			
8.	RMMR	Mechanical Engineering (Specialization in Robotics)	Mechanical Engineering			
	MASTER’S DEGREE (MODULAR MODE)					
9.	MMCT	Civil Engineering (Construction Technology and Management)	Civil Engineering	Faculty of Technical Institutions	June-July and Dec.-Jan	NITTTR CHD
10.	MCSE	Computer Science and Engineering	Computer Science and Engineering	Faculty of Technical Institutions/Working Professionals/ Graduates	July-Dec and Jan-June	
11.	MMEI	Electrical Engineering (Instrumentation and Control)	Electrical Engineering			
12.	MMEC	Electronics and Communication Engineering	Electronics and Communication Engineering			
13.	MMMT	Mechanical Engineering (Manufacturing Technology)	Mechanical Engineering			

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.

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

1.2 SHORT TERM PROGRAMMES

A. (CONTACT MODE):

Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
April 2023									
1. Applied Science Department									
1.	AS-1	General	Applications of Technology in Environmental Sustainability	17.04.2023	21.04.2023	SIET Nilokheri	NEP-2	AK/PS	National
2. Civil Engineering Department									
2.	CE-1	Skill Oriented	Lab Practices in Highway Engineering	24.04.2023	28.04.2023	NITTTR, CHD		AKD	National
3. Electronics and Communication Engineering Department									
3.	ECE-1	General	Free ICT Tools for Teaching-Learning and Research	24.04.2023	28.04.2023	KCET, Amritsar		BSD	National
4. Education and Educational Management									
4.	EEM-1		Life Skills Management	17.04.2023	21.04.2023	MNIT, Jaipur		PKS	Rajasthan
5.	EEM-9	Pedagogy	Faculty Induction Training Programme for Newly Recruited Teachers (Two Weeks)	17.04.2023	28.04.2023	NITTTR, CHD		AK	National
5. Electrical Engineering Department									
6.	EE-1	Research Oriented	Microgrid Protection and Control	17.04.2023	21.04.2023	NIT, Meghalaya		RT	National
6. Entrepreneurship Development and Industrial Coordination									
7.	EDIC-1	Skill-Oriented	Augmenting Entrepreneurial and Life Skills for Academicians (Two Weeks)	17.04. 2023	28.04. 2023	GPC, Bikaner	NEP-9	ADS	Rajasthan
8.	EDIC-2	Skill-Oriented	Project Management for Entrepreneurship	24.04.2023	28.04.2023	GP, Nilokheri	NEP-7	HVS	Haryana
7. Mechanical Engineering Department									
9.	ME-1	Industry	Repair and Maintenance of Machine Tools	26.06.2023	30.06.2023	NITTTR, CHD	NEP-7	PSR/SJ	Northern
10.	ME-2	Advanced	Sustainable Manufacturing for circular economy	24.04.2023	28.04.2023	NITTTR, CHD	NEP-10	RS/BSP	National
11.	ME-3	Advanced	Additive Manufacturing for Biomedical Applications	24.04.2023	28.04.2023	NITTTR, CHD	NEP-8	RS/SSD	National
8. Media Engineering Department									

Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
12.	MED-1	General	Institutional Management and Academic Administration	24.04.2023	28.04.2023	NITTTR, CHD	NEP-6	RKW/SSP	National

9. Rural Development Department

13.	RD-1	Emerging Area	Role of Technical Institutions in Rural Infrastructure Development	24.04.2023	28.04.2023	HIET Shahpur (H.P.)		HKV	Northern
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May 2023

1. Applied Science Department

14.	AS-2	General	Green Energy Materials and Technology	01.05.2023	05.05.2023	SBSSU Ferozepur	NEP-2	PS/AK	National
15.	AS-3	Advance	Characterization of Nano-Materials and Applications	22.05.2023	26.05.2023	SLIET Longowal	NEP-2	AK/PS	National

2. Civil Engineering Department

16.	CE-2	Industry	Alternate Technologies in Road Construction	15.05.2023	19.05.2023	NITTTR, CHD		AKD	National
17.	CE-3	Advanced	Application of Auto CAD in Engineering	22.05.2023	26.05.2023	NITTTR, CHD		VKS	National
18.	CE-4	Advanced	Resilient Infrastructure – Engineering and Management	22.05.2023	26.05.2023	NITTTR, CHD		HG	National

3. Computer Science and Engineering Department

19.	CSE-1	Skill	Data Science using Python	15.05.2023	19.05.2023	NITTTR, CHD	NEP-2	MK	National
20.	CSE-2	Research oriented	MATLAB for Engineering Applications	29.05.2023	02.06.2023	NITTTR, CHD	NEP-8	AD	National

4. Curriculum Development Centre

21.	CDC-1	Pedagogy	Outcome Based Curriculum Development	29.05.2023	02.06.2023	NITTTR, CHD		SKG	National
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5. Electronics and Communication Engineering Department

22.	ECE-2	General	Scilab Programming for Beginners	24.07.2023	28.07.2023	NITTTR, CHD		BSD	National
23.	ECE-3	Skill	IoT applications using Tinker CAD and Arduino	29.05.2023	02.06.2023	NITTTR, CHD		GS	National
24.	ECE-4	General	Digital Image Processing Techniques (Two Weeks)	15.05.2023	27.05.2023	NITTTR, CHD		AMK	National

6. Electrical Engineering Department

25.	EE-2	Skill Oriented	Hands on Practices on LabVIEW	01.05.2023	05.05.2023	CEC, Landran		LM	National
26.	EE-3	Skill Oriented	MATLAB/SIMULINK for Engineers	08.05.2023	12.05.2023	CCET, CHD		RT	National

Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
27.	RD-2	Research oriented	Village Entrepreneurship and Technology Interventions for Sustainable Rural Development	08.05.2023	12.05.2023	NITTTR, CHD		PS	Northern
7. Entrepreneurship Development and Industrial Coordination Department									
28.	EDIC-3	Skill-Oriented	Skill Development for Start-ups	08.05. 2023	12.05. 2023	Mai Bhago GPCG, Amritsar	NEP-7	SKD	Punjab
29.	EDIC-4	Certificate Component	IPR and Patenting	15.05.2023	19.05.2023	NITTTR, CHD	NEP-6	NB/ ADS	National
30.	EDIC-5	Industry Supported	Start Art for Business Start-ups	15.05.2023	19.05.2023	GP, Hisar	NEP-10	ADS	Haryana
31.	EDIC-6	Skill-Oriented	Developing Thinking Skills for Creativity and Innovation Promotion	23.05. 2023	27.05. 2023	GWPC, Sangarner	NEP-9	ADS	Raj.
32.	EDIC-7	STEM Industry Supported	Setting up a Business Start-up in Mechanical Engineering and allied areas	18.09. 2023	22.09. 2023	Shri Guru Hargobind Sahib Govt. Poly. College, Ranwa	NEP-2	NB/ RS	National
8. Education and Educational Management									
33.	EEM-2	Pedagogy	Evaluation and Setting of Question Papers	08.05.2023	12.05.2023	NITTTR, CHD		SD	National
34.	EEM-3	Pedagogy	Micro Teaching: Pedagogical Practices in Computer Science and Engineering	24.07.2023	28.07.2023	NITTTR, CHD		UNR	National
35.	EEM-4	Research Oriented	Research Methodology and ethics in research publication	15.05.2023	19.05.2023	NITTTR, CHD		AK	National
9. Mechanical Engineering Department									
36.	ME-4	Industry	Hydraulic and Pneumatic Controls	08.05.2023	12.05.2023	NITTTR, CHD		SSD/ BSP	National
37.	ME-5	General	Refresher Course in Mechanical Engineering (Two Weeks)	15.05.2023	26.05.2023	NITTTR, CHD	NEP-4	RS/ SSD	National
38.	ME-6	Advanced	CAD/CAM	15.05.2023	19.05.2023	NITTTR, CHD	NEP-2	PSR	National
39.	ME-7	Advanced	Manufacturing 4.0	22.05.2023	26.05.2023	NITTTR, CHD	NEP-7	PSR	National
40.	ME-8	Advanced	Mechatronics Fundamentals and Applications	22.05.2023	26.05.2023	NITTTR, CHD	NEP-8	SSD	National
10. Media Engineering Department									
41.	MED-2	Skill Oriented	Interactive Media Design	08.05.2023	12.05.2023	NITTTR, CHD	NEP-5	RKW/ SSP	National
42.	MED-3	General	SAR, OBE and NBA	22.05.2023	26.05.2023	GKCIET, Malda	NEP-4, 6	SSP/ RKW	National
11. Rural Development Department									
43.	RD-3	Industry Supported	Micro and Small Rural Incubation in Technical Institutions	22.05.2023	26.05.2023	AIMETC, Jalandhar (Pb)		HKV	Northern
44.	RD-4	Research	Earthquake Risk Management	22.05.2023	26.05.2023	Kasturba		AG	Northern

Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
		Oriented	(Cluster Program with Civil Engineering Department)			DSEU, Pitampura Campus, Delhi			

June 2023

1. Curriculum Development Centre

45.	CDC-2	Pedagogy	Outcome Based Curriculum Design	12.06.2023	16.06.2023	NITTTR, CHD		MS	National
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2. Education and Educational Management

46.	EEM-5	Pedagogy	Pedagogical Practices in Mechanical Engg.	19.06.2023	23.06.2023	NITTTR, CHD		SD	National
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3. Electrical Engineering Department

47.	EE-4	Skill Oriented	Embedded C Programming of Microcontrollers	05.06.2023	09.06.2023	RGEC, Kangra		RT	National
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4. Entrepreneurship Development and Industrial Coordination Department

48.	EDIC-8	Pedagogy	Entrepreneurial Motivation, Guidance and Counselling	05.06.2023	09.06.2023	GPC, Udaipur	NEP-9	ADS/SKD	Punjab
49.	EDIC-9	Skill-Oriented	Project Management for Businesses	07.08.2023	11.08.2023	GP, Ambala	NEP-7	HVS	Haryana

5. Mechanical Engineering Department

50.	ME-9	Advanced	AutoCAD	05.06.2023	09.06.2023	NITTTR, CHD	NEP-2	SJ	National
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6. Media Engineering Department

51.	MED-4	Skill Oriented	Protecting Yourself over the web	05.06.2023	09.06.2023	NITTTR, CHD	NEP-5	RKW/SSP	National
52.	MED-5	General	Technology Integration and NEP 2020	12.06.2023	16.06.2023	NITTTR, CHD	NEP-2,5	SSP/RKW	National

7. Rural Development Department

53.	RD-5	Research oriented	Govt. Initiatives for Rural Development	11.12.2023	15.12.2023	CU, Gharuan		HKV	Northern
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July 2023

1. Applied Science Department

54.	AS-4	Research Oriented	MATHEMATICA For Engineering and Science Teachers	10.07.2023	14.07.2023	NITTTR, CHD	NEP-2	KCL	National
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Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
2. Civil Engineering Department									
55.	CE-5	Industry	Non Destructive Techniques in Civil Engineering	17.07.2023	21.07.2023	NITTTR, CHD		AG/SKS	National
56.	CE-6	Advanced	Bearing Capacity Estimation for Foundations	17.07.2023	21.07.2023	NITTTR, CHD		VKS	National
3. Curriculum Development Centre									
57.	CDC-3	Pedagogy	Developing Healthy Work Culture	24.07.2023	28.07.2023	NITTTR, CHD		SKG	National
4. Electrical Engineering Department									
58.	EE-5	Skill Oriented	Basics of Hardware in Loop Simulation.	24.07.2023	28.07.2023	NITTTR, CHD		LM	National
5. Entrepreneurship Development and Industrial Coordination Department									
59.	EDIC-10	Pedagogy	Fostering Critical Thinking for Innovation Management	24.07. 2023	28.07. 2023	GPC, Kota	NEP-9	HVS	Rajasthan
6. Education and Educational Management									
60.	EEM-7	Skill Based	Developing Employability Skills	22.05.2023	26.05.2023	NITTTR, CHD		RC	National
61.	EEM-8	Pedagogy	Systematic plan of instruction and Delivery	24.07.2023	28.07.2023	NITTTR, CHD		AK	National
7. Mechanical Engineering Department									
62.	ME-10	Advanced	Additive Manufacturing	17.07.2023	21.07.2023	NITTTR, CHD	NEP-8	PSR	National
63.	ME-11	Industry	Supervisory development for workshop instructors	24.07.2023	28.07.2023	NITTTR, CHD	NEP-3	SJ	National
8. Media Engineering Department									
64.	MED-6	General	Academic Audit and Institutional Ranking	10.07.2023	14.07.2023	NITTTR, CHD	NEP-4,9	RKW/SSP	National
65.	MED-7	General	Digital Tools for Teaching and Learning	24.07.2023	28.07.2023	NITTTR, CHD	NEP-5	RKW	National
9. Rural Development Department									
66.	RD-6	Research oriented	Innovative Technologies for Village Development (Two Weeks)	03.07.2023	14.07.2023	JNGEC Sundernagar (H.P.)		HKV	Northern
67.	EEM-6	General	Climate Change, Pandemic and Disaster Management	10.07.2023	14.07.2023	NITTTR, CHD		UNR	National

August 2023

Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
1. Civil Engineering Department									
68.	CE-7	Industry	Concrete Mix Design – New Directions	07.08.2023	11.08.2023	NITTTR, CHD		HS	National
69.	CE-8	Skill Oriented	Testing of Latest Civil Engineering Materials	21.08.2023	25.08.2023	NITTTR, CHD		VKS/HS/AKD	National
70.	CE-9	Skill Oriented	Concrete Lab Practices	21.08.2023	25.08.2023	NITTTR, CHD		HS	National
71.	CE-10	Skill Oriented	Yoga and Meditation	21.08.2023	25.08.2023	NITTTR, CHD		AKD	National
2. Computer Science and Engineering Department									
72.	CSE-3	Research oriented	Data Science using Python	21.08.2023	25.08.2023	NITTTR, CHD	NEP-8	SS	National
3. Curriculum Development Centre									
73.	CDC-4	Skill Oriented	NSQF Aligned Skill Development	07.08.2023	11.08.2023	NITTTR, CHD		RM	National
74.	CDC-5	Pedagogy	Developing Academic and Administrative Leadership	21.08.2023	25.08.2023	NITTTR, CHD		MS	National
75.	CDC-6	Pedagogy	Curriculum Development Processes	21.08.2023	25.08.2023	NITTTR, CHD		SKG	National
4. Electrical Engineering Department									
76.	EE-6	Skill Oriented	Implementation of IoT using Arduino and R-Pi	21.08.2023	25.08.2023	CCET, Chandigarh		RT/MK	National
5. Entrepreneurship Development and Industrial Coordination Department									
77.	EDIC-11	Industry Supported	Business Opportunity Identification and IPRs	07.08.2023	11.08.2023	B.P.S.M.V., Khanpur Kalan	NEP-10	ADS	Haryana
6. Information Management and Emerging Engineering Department									
78.	IMEE-1	General	Academic Leadership for Building Quality Campus	21.08.2023	25.08.2023	NITTTR, CHD		SSG	National
7. Mechanical Engineering Department									
79.	ME-12	Pedagogy	OBE for NEP Implementation	07.08.2023	11.08.2023	NITTTR, CHD	NEP-1	BSP	National
80.	ME-13	Advanced	Hybrid Machining	07.08.2023	11.08.2023	NITTTR, CHD	NEP-8	PSR	National
8. Media Engineering Department									
81.	MED-8	Skill Oriented	Empowering Faculty with Innovative Pedagogy & Quality through Technology Integration	31.07.2023	11.08.2023	DBUU, Dehradun	NEP-5	SSP/RKW	National
82.	MED-9	General	Institutional Governance and Leadership	21.08.2023	25.08.2023	NITTTR, CHD	NEP-6	RKW/SSP	National

Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
9. Rural Development Department									
83.	EEM-10	General	Unnat Bharat Abhiyan: Micro Enterprises and Rural Development Projects	21.08.2023	25.08.2023	NITTTR, CHD		UNR	National
September 2023									
1. Civil Engineering Department									
84.	CE-11	Skill Oriented	Structural Design with STAAD PRO	11.09.2023	15.09.2023	NITTTR, CHD		HS	National
85.	CE-12	Advanced	Construction Management	18.09.2023	22.09.2023	NITTTR, CHD		VKS	National
2. Computer Science and Engineering Department									
86.	CSE-4	Skill based	Cyber Vulnerabilities and Safeguards	25.09.2023	29.09.2023	NITTTR, CHD	NEP-8	CRK	National
3. Electronics and Communication Engineering Department									
87.	ECE-5	Advanced	Antenna Design Techniques and Tools	11.09.2023	15.09.2023	NITTTR, CHD		BSD/GS	National
4. Electrical Engineering Department									
88.	EE-7	Skill Oriented	Raspberry Pi and its Interfacing	18.09.2023	22.09.2023	NITTTR, CHD		RT	National
5. Entrepreneurship Development and Industrial Coordination									
89.	EDIC-12	Skill-Oriented	Project Management Skills for Technical Professionals	11.09.2023	15.09.2023	GPW, Kandaghat	NEP-7	HVS	Himachal Pradesh
90.	EDIC-13	Certification Component	Entrepreneurial Opportunity Identification and Business Plan Formulation	18.09.2023	22.09.2023	NITTTR, CHD	NEP-6	SKD	National
6. Education and Educational Management									
91.	EEM-13	Pedagogy	Enhancing Performance at Workplace for Technical and Supporting Staff	18.09.2023	22.09.2023	NITTTR, CHD		RC	National
7. Mechanical Engineering Department									
92.	ME-14	Advanced	CAD using SolidWorks	04.09.2023	08.09.2023	NITTTR, CHD	NEP-2	SJ/PSR	National
93.	ME-15	Advanced	Product Development using Reverse Engineering	11.09.2023	15.09.2023	NITTTR, CHD	NEP-2	BSP/SSD	National
94.	ME-16	Industry	Ergonomic Product Design	18.09.2023	22.09.2023	NITTTR, CHD	NEP-7	SSB	National

Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
8. Rural Development Department									
95.	RD-7	Emerging skill	Rural Enterprises and Rural Entrepreneurship	11.09.2023	15.09.2023	NITTTR, CHD		HKV	Northern
96.	EEM-11		Revamping CDTP Scheme for Integrated Village Development	11.09.2023	15.09.2023	NITTTR, CHD		UNR	National
9. Media Engineering Department									
97.	MED-10	General	NAAC and Internal Quality Assurance	11.09.2023	15.09.2023	NITTTR, CHD	NEP-4,6	SSP/RKW	National
October 2023									
1. Applied Science Department									
98.	AS-5	General	OFC System Design and Performance Evaluation	09.10.2023	13.10.2023	NITTTR, CHD	NEP-2	BCC	National
99.	AS-6	Advance	Materials Characterization Techniques	16.10.2023	20.10.2023	NITTTR, CHD	NEP-7	PS/AK	
2. Civil Engineering Department									
100.	CE-13	Interdisciplinary/General	Energy Efficient and Innovative Building Construction Practices	09.10.2023	13.10.2023	NITTTR, CHD		AG/SKS	National
101.	CE-14	Advance/Research	Artificial Intelligence – Concepts and Practices for Civil Engineers	16.10.2023	20.10.2023	NITTTR, CHD		HG	National
3. Computer Science and Engineering Department									
102.	CSE-5	Skill based	Computer Programming using Python	09.10.2023	13.10.2023	NITTTR, CHD	NEP-10	SS	National
103.	CSE-6	Research oriented	Machine Learning using Python	16.10.2023	20.10.2023	NITTTR, CHD	NEP-2	MK	National
104.	CSE-7	Skill based	Open Source Technologies	16.10.2023	20.10.2023	NITTTR, CHD	NEP-8	AD	National
4. Curriculum Development Centre									
105.	CDC-7	Pedagogy	Effective Curriculum Design and Evaluation	09.10.2023	13.10.2023	NITTTR, CHD		MS	National
106.	CDC-8	Skill Oriented	NSQF Aligned Skill Development	30.10.2023	03.11.2023	NITTTR, CHD		RM	National
5. Electrical Engineering Department									
107.	RD-8	Emerging Areas	Natural Resource Management for Sustainable Development	09.10.2023	13.10.2023	NITTTR, CHD		PS	Northern
6. Entrepreneurship Development and Industrial Coordination									

Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
108.	EDIC-14	STEM Industry Supported	Setting up a Business Start-up in Information Technology and Electronics Engineering	09.10.2023	13.10.2023	G.P., Sundernagar	NEP-2	ADS/CRK	National

7. Education and Educational Management

109.	EEM-14	Research	Research Methodologies for Science, Management and Engineering Projects	09.10.2023	13.10.2023	NITTTR, CHD		UNR	National
110.	EEM-15	Pedagogy	Wellness and Meditation	16.10.2023	20.10.2023	NITTTR, CHD		PKS	National
111.	EEM-16	Pedagogy	Soft Skills and Classroom Teaching	16.10.2023	20.10.2023	NITTTR, CHD		RC	National

8. Information Management and Emerging Engineering Department

112.	IMEE-2	Advanced	Applications of IOT – Project Based programme	09.10.2023	13.10.2023	NITTTR, CHD		MD/SSG	National
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9. Mechanical Engineering Department

113.	ME-17	Research	Industrial Optimization with MATLAB	30.10.2023	03.11.2023	NITTTR, CHD	NEP-8	SSD/BSP	National
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10. Media Engineering Department

114.	MED-11	General	Management Skills for Professional Teacher Excellence	16.10.2023	20.10.2023	NITTTR, CHD	NEP-9	RKW/SSP	National
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November 2023

1. Computer Science and Engineering Department

115.	CSE-8	Research oriented	Cryptography and Network Security	06.11.2023	10.11.2023	NITTTR, CHD	NEP-2	CRK	National
116.	CSE-9	Skill Based	AWS Cloud	20.11.2023	24.11.2023	NITTTR, CHD	NEP-7	MK	National

2. Curriculum Development Centre

117.	CDC-9	Pedagogy	Effective Curriculum Implementation	20.11.2023	24.11.2023	NITTTR, CHD		ABG	National
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3. Electronics and Communication Engineering Dept.

118.	ECE-6	Skill	ECE Lab Practices using Multisim Live Online Simulator	06.11.2023	10.11.2023	NITTTR, CHD		BSD	National
119.	ECE-7	General	FPGA based System Designing – A Practical Approach	20.11.2023	24.11.2023	NITTTR, CHD		KS	National

4. Education and Educational Management

Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
120.	EEM-17		Sustainable Fashion	20.11.2023	24.11.2023	GWP, Sanganer, Jaipur		RC	RAJ.
121.	EEM-12	Pedagogy	Faculty Induction Training Programme for Newly Recruited Teachers (Two Weeks)	20.11.2023	01.12.2023	NITTTR, CHD		AK/ SD	National

5. Entrepreneurship Development and Industrial Coordination

122.	EDIC-15	Pedagogy	Management skills for Professional Teacher Excellence	06.11.2023	10.11.2023	GPC, Udaipur	NEP-1	NB/ HVS	Rajasthan
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6. Electrical Engineering Department

123.	EE-8	Skill Oriented	IoT Applications using Arduino and ESP 8266	06.11.2023	10.11.2023	ITM, Gwalior		RT	National
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7. Information Management and Emerging Engineering Department

124.	IMEE-3	Pedagogy	How to Teach Emerging Engineering topics in Digital Era	20.11.2023	24.11.2023	NITTTR, CHD		MD	National
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8. Mechanical Engineering Department

125.	ME-18	Advanced	Advanced Auto CAD	06.11.2023	10.11.2023	NITTTR, CHD	NEP-7	SJ	National
126.	ME-19	Advanced	Production Management	20.11.2023	24.11.2023	NITTTR, CHD	NEP-2	SSB	National
127.	ME-20	Advanced	Industry 4.0 Technologies	20.11.2023	24.11.2023	NITTTR, CHD	NEP-7	BSP/ SSD	National
128.	ME-21	Industry	Enterprise Resource Planning	27.11.2023	01.12.2023	NITTTR, CHD	NEP-7	SSB	National

9. Media Engineering Department

129.	MED-12	Advanced	Animation and Graphics for Gamification	20.11.2023	24.11.2023	NITTTR, CHD	NEP-5	SSP/ RKW	National
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December 2023

1. Applied Science Department

130.	AS-7	Skill	Laboratory Practice in Applied Physics	11.12.2023	15.12.2023	NITTTR, CHD	NEP-7	PS/AK/ BCC	National
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2. Curriculum Development Centre

131.	CDC-10	Pedagogy	Curriculum Design for Developing Job related Competencies	04.12.2023	08.12.2023	NITTTR, CHD		MS	National
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Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
3. Entrepreneurship Development and Industrial Coordination									
132.	EDIC-16	Industry Supported	Atam Nirbhar Bharat through Entrepreneurial Start-ups	18.12.2023	22.12.2023	DEI Women's Poly., Agra	NEP-3	HVS	Uttar Pradesh
4. Education and Educational Management									
133.	EEM-18	General	Institutional Management, Quality Training and Placement	04.12.2023	08.12.2023	NITTTR, CHD		UNR	National
134.	EEM-19	Advanced	Leadership, Motivation and Decision Making	11.12.2023	15.12.2023	NITTTR, CHD		SD	National
135.	EEM-20	Pedagogy	Pedagogical Practices in Civil Engineering	18.12.2023	22.12.2023	NITTTR, CHD		PKS	National
5. Electrical Engineering Department									
136.	RD-9	Industry Supported	Women Entrepreneurship and Empowerment for Inclusive Development	04.12.2023	08.12.2023	Jaipur, (Rajasthan)		PS	Northern
6. Mechanical Engineering Department									
137.	ME-22	General/Skill	Mechanical Measurements and Control	11.12.2023	15.12.2023	NITTTR, CHD	NEP-10	SJ	National
138.	ME-23	Research	Applications of VR/AR in Manufacturing	18.12.2023	22.12.2023	NITTTR, CHD	NEP-2	RS	National
139.	ME-24	Research	Modelling and Simulation using MATLAB/ Scilab	25.12.2023	29.12.2023	NITTTR, CHD	NEP-8	SSD	Northern
7. Media Engineering Department									
140.	MED-13	General	SWOT and Strategic Management	04.12.2023	08.12.2023	NITTTR, CHD	NEP-6	RKW/SSP	National
141.	MED-14	Advanced	Empowering Digital Learning through AI Powered tools	18.12.2023	22.12.2023	NITTTR, CHD	NEP-5	SSP/RKW	National
January 2024									
1. Applied Science Department									
142.	AS-8	Skill Oriented	Newer Experiments in Applied Physics	29.01.2024	02.02.2024	NITTTR, CHD	NEP-5	AK/PS/BCC	National
2. Civil Engineering Department									
143.	CE-15	Advanced	Innovative Technologies for Village Development	15.01.2024	19.01.2024	NITTTR, CHD		AG	National
3. Electrical Engineering Dept.									
144.	EE-9	Skill Oriented	Hands on Practices in Control of Electric Machines	15.01.2024	19.01.2024	NITTTR, CHD		LM	National

Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
4. Entrepreneurship Development and Industrial Coordination									
145.	EDIC-17	Skill-Oriented	Skill Development for Employability	29.01.2024	02.02.2024	S.R.S. GPCG, Ludhiana	NEP-7	NB	Punjab
5. Education and Educational Management									
146.	EEM-21	Pedagogy	Learner Centred Teaching Methodology	08.01.2024	12.01.2024	NITTTR, CHD		AK	National
147.	EEM-22	General	Stress Management	15.01.2024	19.01.2024	NITTTR, CHD		PKS	National
6. Information Management and Emerging Engineering Department									
148.	IMEE-4	Skill Oriented	Training for Lab Development and Preparing Manuals	08.01.2024	12.01.2024	NITTTR, CHD		MD	National
7. Mechanical Engineering Department									
149.	ME-25	Research	Advance Material Processing and Characterization	08.01.2024	12.01.2024	NITTTR, CHD	NEP-8	RS	National
150.	ME-26	Advanced	Advanced Auto CAD	15.01.2024	19.01.2024	NITTTR, CHD	NEP-2	SJ	Northern
151.	ME-27	Advanced	CAD/CAM	22.01.2024	26.01.2024	NITTTR, CHD	NEP-7	PSR	National
152.	ME-28	Advanced	Green Manufacturing	29.01.2024	02.02.2024	NITTTR, CHD	NEP-2	SJ	National
8. Media Engineering Department									
153.	MED-15	General	SAR, OBE and NBA	08.01.2024	12.01.2024	NITTTR, CHD	NEP-4,6	SSP/RKW	National
154.	MED-16	Advanced	AR VR Applications	29.01.2024	02.02.2024	NITTTR, CHD	NEP-5	SSP/RKW	National
February 2024									
1. Civil Engineering Department									
155.	CE-16	Skill Oriented	Laboratory Practices in Soil Engineering	19.02.2024	23.02.2024	NITTTR, CHD		VKS	National
2. Curriculum Development Centre									
156.	CDC-11	Pedagogy	Outcome Based Curriculum and Accreditation Criteria	12.02.2024	16.02.2024	NITTTR, CHD		MS	National
157.	CDC-12	Pedagogy	NSQF Aligned Curriculum Design and Implementation	19.02.2024	23.02.2024	NITTTR, CHD		SKG	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
158.	ECE-8	Advanced	5G and Beyond	05.02.2024	09.02.2024	NITTTR, CHD		GS	National
159.	ECE-9	Skill	Arduino based system design using Tinker CAD Free Simulator	05.02.2024	09.02.2024	NITTTR, CHD		BSD	National
160.	ECE-10	General	Networked Embedded Systems	05.02.2024	09.02.2024	NITTTR, CHD		KS	National

4. Entrepreneurship Development and Industrial Coordination

161.	EDIC-18	Pedagogy	Developing Entrepreneurship Skills in line with NEP2020	19.02.2024	23.02.2024	KCGPW, Ambala	NEP-1	SKD	Haryana
162.	EDIC-19	Advanced Level	Design Thinking for Business Start-ups	26.02.2024	01.03.2024	D.N. Poly, Meerut	NEP-4	ADS	Uttar Pradesh

5. Electrical Engineering Department

163.	EE-10	Research Oriented	Big Data Analytics in Smart Grid	12.02.2024	16.02.2024	NITTTR, CHD		RT/MD	National
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6. Education and Educational Management Department

164.	EEM-29	General	Developing Soft Skills	12.02.2024	16.02.2024	NITTTR, CHD		PKS	National
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7. Information Management and Emerging Engineering Department

165.	IMEE-5	Advanced	Application of AI in Analysing Cyber Attacks and Malwares in Indian Scenario	12.02.2024	16.02.2024	NITTTR, CHD		MD	National
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8. Mechanical Engineering Department

166.	ME-29	Research	Digital twinning of material processing technologies	05.02.2024	09.02.2024	NITTTR, CHD	NEP-8	RS	National
167.	ME-30	Industry	Designing for Consumer	12.02.2024	16.02.2024	NITTTR, CHD	NEP-7	SSB	National
168.	ME-31	Industry	CNC Machines: Operation and Programming	19.02.2024	23.02.2024	NITTTR, CHD	NEP-7	SSD/RS	Northern
169.	ME-32	Advanced	Advances in Automotive Technologies	26.02.2024	02.03.2024	NITTTR, CHD	NEP-2	SSD / SSB	National

9. Media Engineering Department

170.	MED-17	General	Sustainable Creativity and Innovation Management in Institutions	19.02.2024	23.02.2024	NITTTR, CHD	NEP-2	RKW/SSP	National
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8. Rural Development Department

171.	EEM-28	Skill Oriented	Organic Farming, Sweet Revolution and Permaculture	12.02.2024	16.02.2024	NITTTR, CHD		UNR	National
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March 2024

1. Applied Science Department

Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
172.	AS-9	Skill Oriented	Fibre Optic Test and Measurements	11.03.2024	15.03.2024	NITTTR, CHD	NEP-7	BCC/PS/AK	National
2. Civil Engineering Department									
173.	CE-17	Skill Oriented	Use of Robotic Total Station and GNSS	18.03.2024	22.03.2024	NITTTR, CHD		HS	National
3. Curriculum Development Centre									
174.	CDC-13	Pedagogy	Curriculum Implementation	11.03.2024	15.03.2024	NITTTR, CHD		ABG	National
175.	CDC-14	Pedagogy	Identification, Planning and Execution of Project Work	11.03.2024	15.03.2024	NITTTR, CHD		SKG	National
176.	CDC-15	Industry Supported	Development of Employable Competencies	25.03.2024	29.03.2024	NITTTR, CHD		RM	National
4. Electronics and Communication Engineering Department									
177.	ECE-11	Skill	Free Simulators for ECE Lab Practices	11.03.2024	15.03.2024	NITTTR, CHD		BSD/GS	National
5. Education and Educational Management Department									
178.	EEM-30		Inter Disciplinary (To be Decided)	11.03.2024	15.03.2024	NITTTR, CHD		RC	National
6. Entrepreneurship Development and Industrial Coordination Department									
179.	EDIC-20	Skill-Oriented	Managerial and Financial Skills for Entrepreneurs	04.03.2024	08.03.2024	Govt. Poly, Panchkula	NEP-11	SKD	Haryana
7. Information Management and Emerging Engineering Department									
180.	IMEE-6	Advanced	Application of Quantum Computing in Image Forensics	11.03.2024	15.03.2024	NITTTR, CHD		MD	National
181.	IMEE-7	Advanced	Advanced Level course on IOT	25.03.2024	29.03.2024	NITTTR, CHD		MD/SSG	National
8. Mechanical Engineering Department									
182.	ME-33	Industry/Research	Condition Monitoring using Prognostic Algorithms	04.03.2024	08.04.2024	NITTTR, CHD		SSD	National
183.	ME-34	Advanced	FEA using ANSYS	11.03.2024	15.03.2024	NITTTR, CHD	NEP-2	RS/SSD	National
184.	ME-35	Advanced	Advances in Manufacturing	19.03.2024	23.03.2024	NITTTR, CHD	NEP-2	SJ	National
9. Media Engineering Department									
185.	MED-18	Advanced Level	AR VR Applications	18.03.2024	22.03.2024	NITTTR, CHD	NEP-5	SSP/RKW	National

Additional Courses

Sr. No.	O.Plan No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
186.	AS-10	General	Applied mathematics for technical teachers	17.04.2023	21.04.2023	GKPC, Jaipur	NEP-4	KCL	National
187.	EE-11		Energy Efficiency Measures in Buildings	29.05.2023	02.06.2023	NITTTR, CHD		PS	Punjab
188.	EEM-31		Induction Training Programme for Newly Recruited Teachers (Two Weeks)	10.07.2023	21.07.2023	NITTTR, CHD		UNR	National
189.									

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
April 2023									
1. Applied Science Department									
1.	ICT-1	General	Applications of Technology in Environmental Sustainability	17.04.2023	21.04.2023	NITTTR, CHD	NEP-2	AK/PS	National
2. Computer Science and Engineering Department									
2.	ICT-2	Skill based	Open Source Technologies	24.04.2023	28.04.2023	NITTTR, CHD	NEP-8	AD	National
3. Curriculum Development Centre									
3.	ICT-3	Pedagogy	Curriculum Development in light of NEP 2020 in HEI	17.04.2023	21.04.2023	NITTTR, CHD		MS	National
4.	ICT-4	Pedagogy	Curriculum Design and Evaluation	24.04.2023	28.04.2023	NITTTR, CHD		ABG	National
4. Electronics and Communication Engineering Department									
5.	ICT-5	General	Recent Trends in Wireless Communication	24.04.2023	28.04.2023	NITTTR, CHD		GS	National
5. Electrical Engineering Department									
6.	ICT-10	Emerging Area	Unnat Bharat Abhiyan and Role of Technical Institutions	17.04.2023	21.04.2023	NITTTR, CHD		PS	National
6. Entrepreneurship Development and Industrial Coordination Department									
7.	ICT-6	Advanced Level	Strategic Planning and Management	24.04.2023	28.04.2023	NITTTR, CHD	NEP-6	SKD	National
7. Education and Educational Management Department									
8.	ICT-7	Skill	Developing Life Skills Among Students	24.04.2023	28.04.2023	NITTTR, CHD		RC	National
9.	ICT-49	Pedagogy	Faculty Induction Training Programme for Newly Recruited Teachers (Two Weeks)	17.04.2023	28.04.2023	NITTTR, CHD		AK	National

Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
8. Information Management and Emerging Engineering Department									
10.	ICT-8	Skill	IOT Basics	24.04.2023	28.04.2023	NITTTR, CHD		MD/SSG	National
9. Media Engineering Department									
11.	ICT-9	General	Institutional Management and Academic Administration	24.04.2023	28.04.2023	NITTTR, CHD	NEP-6	RKW/SSP	National
10. Rural Development Department									
12.	ICT-11	Skill Oriented	Skill Development and Employment Generation in India (Cluster Program - Civil Engg. Department)	24.04.2023	28.04.2023	NITTTR, CHD		AG	National
May 2023									
1. Applied Science Department									
13.	ICT-12	General	Green Energy Materials and Technology	01.05.2023	05.05.2023	NITTTR, CHD	NEP-2	PS/AK	National
14.	ICT-13	Skill	MATLAB Techniques for solving Engineering Problems	08.05.2023	12.05.2023	NITTTR, CHD	NEP-7	KCL	National
15.	ICT-14	Advance	Smart Materials and Nanotechnology	15.05.2023	19.05.2023	NITTTR, CHD	NEP-2	BCC/PS	National
16.	ICT-15	Advance	Characterization of Nano-Materials and Applications	22.05.2023	26.05.2023	NITTTR, CHD	NEP-2	AK/PS	National
2. Computer Science and Engineering Department									
17.	ICT-16	Skill based	Cyber Crime and Forensic Tools	08.05.2023	12.05.2023	NITTTR, CHD	NEP-2	CRK	National
18.	ICT-17	Research oriented	Open Source Tools for Research	15.05.2023	19.05.2023	NITTTR, CHD	NEP-2	SS	National
3. Curriculum Development Centre									
19.	ICT-18	Pedagogy	Planning and Execution of Project Work	15.05.2023	19.05.2023	NITTTR, CHD		SKG	National
20.	ICT-19	Pedagogy	Curriculum Development Processes	15.05.2023	19.05.023	NITTTR, CHD		MS	National
4. Education and Educational Management Department									
21.	ICT-20	Pedagogy	Evaluation and Setting of Question Papers	08.05.2023	12.05.2023	NITTTR, CHD		SD	National

Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
22.	ICT-21	Pedagogy	Micro Teaching: Pedagogical Practices in Computer Science and Engineering	08.05.2023	12.05.2023	NITTTR, CHD		UNR	National
23.	ICT-22	Pedagogy	Presentation Skills for Effective Instruction Delivery	15.05.2023	19.05.2023	NITTTR, CHD		PKS	National
24.	ICT-23	Pedagogy	Research Methodology and ethics in research publication	15.05.2023	19.05.2023	NITTTR, CHD		AK	National

5. Information Management and Emerging Engineering Department

25.	ICT-24	Skill	Scilab Programme for Engineering Application	08.05.2023	12.05.2023	NITTTR, CHD		MD	National
26.	ICT-25	Advanced	Fundamentals of 3D IC Design	08.05.2023	12.05.2023	NITTTR, CHD		SSG	National

6. Media Engineering Department

27.	ICT-26	Skill Oriented	Interactive Media Design	08.05.2023	12.05.2023	NITTTR, CHD	NEP-5	RKW/SSP	National
28.	ICT-27	General	SAR, OBE and NBA	22.05.2023	26.05.2023	NITTTR, CHD	NEP-4,6	SSP/RKW	National

June 2023

1. Applied Science Department

29.	ICT-28	General	Nuclear Radiations for Societal Applications	05.06.2023	09.06.2023	NITTTR, CHD	NEP-2	BCC	National
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2. Civil Engineering Department

30.	ICT-29	Industry	Defect free Construction Repair and Maintenance	12.06.2023	16.06.2023	NITTTR, CHD		AG/SKS	National
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3. Curriculum Development Centre

31.	ICT-30	Skill Oriented	NSQF Aligned Skill Development	19.02.2023	23.02.2023	NITTTR, CHD		RM	National
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4. Education and Educational Management Department

32.	ICT-31	Pedagogy	Effective Teaching Learning using Social Media	05.06.2023	09.06.2023	NITTTR, CHD		RC	National
33.	ICT-32	Pedagogy	Aspects of learning and evaluation in online environment	05.06.2023	09.06.2023	NITTTR, CHD		AK	National

5. Electrical Engineering Department

34.	ICT-36	Emerging Area	Energy Efficient and Decarbonisation Technologies	05.06.2023	09.06.2023	NITTTR, CHD		PS	National
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Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
6. Mechanical Engineering Department									
35.	ICT-33	Advanced	AutoCAD	05.06.2023	09.06.2023	NITTTR, CHD	NEP-2	SJ	National
7. Media Engineering Department									
36.	ICT-34	Skill oriented	Protecting Yourself over the web	05.06.2023	09.06.2023	NITTTR, CHD	NEP-5	RKW/ SSP	National
37.	ICT-35	General	Technology Integration and NEP 2020	12.06.2023	16.06.2023	NITTTR, CHD	NEP-2,5	SSP/ RKW	National
July 2023									
1. Applied Science Department									
38.	ICT-37	General	Fibre Optics: Communication and Sensing Applications	10.07.2023	14.07.2023	NITTTR, CHD	NEP-2	BCC	National
39.	ICT-38	General	Refresher Course in Engineering Physics	17.07.2023	28.07.2023	NITTTR, CHD	NEP-4	AK/PS/ BCC	National
2. Civil Engineering Department									
40.	ICT-39	Industry	Innovation and Latest trends in Construction Materials and Techniques	17.07.2023	28.07.2023	NITTTR, CHD		HG/ SKS	National
3. Computer Science and Engineering Department									
41.	ICT-40	Research oriented	Data Science using R	17.07.2023	21.07.2023	NITTTR, CHD	NEP-8	SS	National
4. Curriculum Development Department									
42.	ICT-41	Pedagogy	Outcome based Curriculum and Accreditation Criteria	03.07.2023	07.07.2023	NITTTR, CHD		MS	National
43.	ICT-42	Pedagogy	Effective Curriculum Implementation	24.07.2023	28.07.2023	NITTTR, CHD		ABG	National
5. Electrical Engineering Department									
44.	ICT-43	Industry Supported	ANSYS-EM for Electrical Engineering Application	17.07.2023	21.07.2023	NITTTR, CHD		LM	National
6. Electronics and Communication Engineering Department									
45.	ICT-44	General	Artificial Embedded Systems	24.07.2023	28.07.2023	NITTTR, CHD		KS	National
7. Entrepreneurship Development and Industrial Coordination Department									

Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
46.	ICT-45	Research Oriented	Funding Opportunities in Engineering	24.07.2023	28.07.2023	NITTTR, CHD	NEP-8	NB	National
8. Education and Educational Management Department									
47.	ICT-47	Pedagogy	Communicating at Work	10.07.2023	14.07.2023	NITTTR, CHD		SD	National
48.	ICT-48	Skill	Preparing Students for the Placements – Resume, GD and Interview	17.07.2023	21.07.2023	NITTTR, CHD		PKS	National
9. Information Management and Emerging Engineering Department									
49.	ICT-50	General	OBE Based Curriculum and Accreditation	03.07.2023	07.07.2023	NITTTR, CHD		SSG	National
10. Media Engineering Department									
50.	ICT-51	General	Academic Audit and Institutional Ranking	10.07.2023	14.07.2023	NITTTR, CHD	NEP-4,9	RKW/SSP	National
51.	ICT-52	General	Digital Tools for Teaching and Learning	24.07.2023	28.07.2023	NITTTR, CHD	NEP-5	RKW/SSP	National
11. Rural Development Department									
52.	ICT-46	General	Climate Change, Pandemic and Disaster Management	10.07.2023	14.07.2023	NITTTR, CHD		UNR	National
August 2023									
1. Applied Science Department									
53.	ICT-53	General	Essential Physics for Polytechnic Teachers	21.08.2023	25.08.2023	NITTTR, CHD	NEP-4	AK/PS/BCC	National
2. Civil Engineering Department									
54.	ICT-54	Interdisciplinary	Innovation in Construction and Green Building Materials	07.08.2023	11.08.2023	NITTTR, CHD		AG/SKS	National
3. Computer Science Engineering Department									
55.	ICT-55	Research oriented	Computer Vision using Opencv	07.08.2023	11.08.2023	NITTTR, CHD	NEP-2	AD	National
56.	ICT-56	Skill based	AI/ML and Data Science for Industry 4.0 (Basic Level)	21.08.2023	25.08.2023	NITTTR, CHD	NEP-2	AD	National
4. Electrical Engineering Department									
57.	ICT-57	Research Oriented	Smart Grid and Integration of Distributed Generation	28.08.2023	01.09.2023	NITTTR, CHD		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									
58.	ICT-58	General	OBE and NBA Accreditation	07.08.2023	11.08.2023	NITTTR, CHD		BSD	National
59.	ICT-59	Advanced	Latest Wireless Technologies	07.08.2023	11.08.2023	NITTTR, CHD		GS	National
60.	ICT-60	Advanced	Advanced Embedded Systems	21.08.2023	25.08.2023	NITTTR, CHD		KS	National
61.	ICT-61	Advanced	Neural Networks and Fuzzy Logic	21.08.2023	01.09.2023	NITTTR, CHD		AMK	National
6. Entrepreneurship Development and Industrial Coordination Department									
62.	ICT-62	Advanced Level	Marketing in the "METAVERSE" Era	21.08.2023	25.08.2023	NITTTR, CHD	NEP-2	HVS	National
7. Education and Educational Management Department									
63.	ICT-64		Managerial Skills for Technical Teachers and Administrators	28.08.2023	01.09.2023	NITTTR, CHD		RC	National
64.	ICT-65	General	Universal Values and Ethics	21.08.2023	25.08.2023	NITTTR, CHD		PKS	National
8. Information Management and Emerging Engineering Department									
65.	ICT-66	Advanced	Protection from Cyber Attacks	07.08.2023	11.08.2023	NITTTR, CHD		MD	National
9. Mechanical Engineering Department									
66.	ICT-67	Pedagogy	OBE for NEP Implementation	07.08.2023	11.08.2023	NITTTR, CHD	NEP-1	BSP	National
10. Media Engineering Department									
67.	ICT-68	General	Institutional Governance and Leadership	21.08.2023	25.08.2023	NITTTR, CHD	NEP-6	RKW/SSP	National
11. Rural Development Department									
68.	ICT-69	R&D	Self Help Group Development through Technical Interventions	07.08.2023	11.08.2023	NITTTR, CHD		HKV	National
69.	ICT-63	General	Unnat Bharat Abhiyan: Micro Enterprises and Rural Development Projects	21.08.2023	25.08.2023	NITTTR, CHD		UNR	National
September 2023									
1. Applied Science Department									

Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
70.	ICT-70	Advance	Refresher Course in Nanoscience and Instrumentation	11.09.2023	22.09.2023	NITTTR, CHD	NEP-4	PS/AK/BCC	National
71.	ICT-71	General	Industrial Chemistry for Engineers	18.09.2023	22.09.2023	NITTTR, CHD	NEP-2	AK/PS	National
2. Civil Engineering Department									
72.	ICT-72	Industry	Approaching Zero Waste Cities	18.09.2023	22.09.2023	NITTTR, CHD		HG	National
3. Computer Science and Engineering Department									
73.	ICT-73	Research oriented	Deep Learning	11.09.2023	15.09.2023	NITTTR, CHD	NEP-2	AD	National
74.	ICT-74	Research oriented	Cloud, Fog and Edge Computing	18.09.2023	22.09.2023	NITTTR, CHD	NEP-10	MK	National
4. Curriculum Development Centre									
75.	ICT-75	Pedagogy	Outcome based Curriculum Development	11.09.2023	15.09.2023	NITTTR, CHD		MS	National
76.	ICT-76	Pedagogy	NSQF Aligned Curriculum Design and Implementation	18.09.2023	22.09.2023	NITTTR, CHD		SKG	National
5. Electronics and Communication Engineering Department									
77.	ICT-77	Advanced	Antenna Design Techniques and Tools	11.09.2023	15.09.2023	NITTTR, CHD		BSD/GS	National
78.	ICT-78	Advanced	Recent Trends in Embedded Systems and IOTs	18.09.2023	22.09.2023	NITTTR, CHD		KS	National
6. Education and Educational Management Department									
79.	ICT-79	General	Managing Your Ego and Emotions at Work Place	11.09.2023	15.09.2023	NITTTR, CHD		SD	National
7. Electrical Engineering Department									
80.	ICT-86	Emerging Area	Sustainable Development Goals: Challenges and Opportunities	18.09.2023	22.09.2023	NITTTR, CHD		PS	National
8. Mechanical Engineering Department									
81.	ICT-82	Advanced	CAD using SolidWorks	04.09.2023	08.09.2023	NITTTR, CHD	NEP-2	SJ/PSR	National
82.	ICT-83	Industry	Ergonomic Product Design	18.09.2023	22.09.2023	NITTTR, CHD	NEP-7	SSB	National
9. Media Engineering Department									

Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
83.	ICT-84	General	NAAC and Internal Quality Assurance	11.09.2023	15.09.2023	NITTTR, CHD	NEP-4,6	SSP/RKW	National

10. Rural Development Department

84.	ICT-85	Research Oriented	Appropriate Technologies Interventions for Rural Development (Cluster Program Civil Engg. Department)	11.09.2023	15.09.2023	NITTTR, CHD		AG	National
85.	ICT-81		Revamping CDTP Scheme for Integrated Village Development	11.09.2023	15.09.2023	NITTTR, CHD		UNR	National

October 2023

1. Applied Science Department

86.	ICT-87	Advance	Optimization with Neutrosophic set theory	09.10.2023	13.10.2023	NITTTR, CHD	NEP-3	KCL	National
87.	ICT-88	Advance	Materials Characterization Techniques	16.10.2023	20.10.2023	NITTTR, CHD	NEP-7	PS/AK	National

2. Civil Engineering Department

88.	ICT-89	Industry	Quality Control of Concrete	09.10.2023	13.10.2023	NITTTR, CHD		HS	National
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3. Curriculum Development Centre

89.	ICT-90	Skill Oriented	CAD for Outcome based Education	09.10.2023	13.10.2023	NITTTR, CHD		RM	National
90.	ICT-91	Pedagogy	Curriculum Development Processes	16.10.2023	20.10.2023	NITTTR, CHD		SKG	National

4. Electrical Engineering Department

91.	ICT-92	Research Oriented	Soft Computing Techniques using MATLAB	16.10.2023	20.10.2023	NITTTR, CHD		LM	National
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5. Electronics and Communication Engineering Department

92.	ICT-93	General	Soft Computing Algorithms: Basics and Applications	09.10.2023	13.10.2023	NITTTR, CHD		BSD	National
93.	ICT-94	General	IoTs and Sensor Networks	09.10.2023	13.10.2023	NITTTR, CHD		KS	National
94.	ICT-95	General	Emerging Antenna and Wireless Technologies	09.10.2023	13.10.2023	NITTTR, CHD		GS	National

6. Entrepreneurship Development and Industrial Coordination Department

Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
95.	ICT-96	Advanced	Marketing in the “METAVERSE” Era	09.10.2023	13.10.2023	NITTTR, CHD	NEP-2	HVS	National
96.	ICT-97	Skill-Oriented	Employability Skills for Industry 4.0	16.10.2023	20.10.2023	NITTTR, CHD	NEP-1	NB	National

7. Education and Educational Management Department

97.	ICT-98	Research oriented	Research Methodologies for Science, Management and Engineering Projects	09.10.2023	13.10.2023	NITTTR, CHD		UNR	National
98.	ICT-99	Pedagogy	Blended Learning and Flipped Classroom	16.10.2023	20.10.2023	NITTTR, CHD		SD	National
99.	ICT-123		Soft Skills and Classroom Teaching	16.10.2023	20.10.2023	NITTTR, CHD		RC	National

8. Mechanical Engineering Department

100.	ICT-100	Research	Industrial Optimization with MATLAB	30.10.2023	03.11.2023	NITTTR, CHD	NEP-8	SSD/ BSP	National
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9. Media Engineering Department

101.	ICT-101	Advanced level	Digital Marketing and Publishing	09.10.2023	13.10.2023	NITTTR, CHD	NEP-5	SSP/ RKW	National
102.	ICT-102	General	Management Skills for Professional Teacher Excellence	16.10.2023	20.10.2023	NITTTR, CHD	NEP-9	RKW/ SSP	National

10. Rural Development Department

103.	ICT-103	Research oriented	Farmer Producer Organization Business Development Model	09.10.2023	13.10.2023	NITTTR, CHD		HKV	National
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November 2023

1. Applied Science Department

104.	ICT-104	Advance	Advances in OFC Technology	06.11.2023	10.11.2023	NITTTR, CHD	NEP-2	BCC	National
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2. Civil Engineering Department

105.	ICT-105	Industry	Remote Sensing, GPS and GIS in Civil Engineering	20.11.2023	24.11.2023	NITTTR, CHD		HS	National
106.	ICT-106	Advanced	Affordable Housing in Disaster Prone Areas	20.11.2023	24.11.2023	NITTTR, CHD		AG/ SKS	National

3. Computer Science and Engineering Department

107.	ICT-107	Skill based	Linux Applications in Engineering Education	06.11.2023	10.11.2023	NITTTR, CHD	NEP-8	AD	National
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Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
108.	ICT-108	Research oriented	Machine Learning and Predictive Analysis using Python	20.11.2023	24.11.2023	NITTTR, CHD	NEP-8	SS	National
4. Curriculum Development Centre									
109.	ICT-109	Pedagogy	Curriculum Implementation	20.11.2023	24.11.2023	NITTTR, CHD		ABG	National
5. Electronics and Communication Engineering Department									
110.	ICT-110	General	IoT and its Applications	06.11.2023	10.11.2023	NITTTR, CHD		GS	National
111.	ICT-111	Skill	ECE Lab Practices using Multisim Live Online Simulator	06.11.2023	10.11.2023	NITTTR, CHD		BSD	National
6. Entrepreneurship Development and Industrial Coordination Department									
112.	ICT-112	Industry Supported	Social Entrepreneurship	20.11.2023	24.11.2023	NITTTR, CHD	NEP-11	SKD	National
7. Education and Educational Management Department									
113.	ICT-113	Pedagogy	Outcome Based Education	20.11.2023	24.11.2023	NITTTR, CHD		SD	National
114.	ICT-114		Advanced instructional methods for teaching learning	20.11.2023	24.11.2023	NITTTR, CHD		AK	National
8. Mechanical Engineering Department									
115.	ICT-115	Advanced	Advanced Auto CAD	06.11.2023	10.11.2023	NITTTR, CHD	NEP-7	SJ	National
116.	ICT-116	Advanced	Industry 4.0 Technologies	20.11.2023	24.11.2023	NITTTR, CHD	NEP-7	BSP/SSD	National
117.	ICT-117	Industry	Enterprise Resource Planning	27.11.2023	01.12.2023	NITTTR, CHD	NEP-7	SSB	National
9. Media Engineering Department									
118.	ICT-118	Advanced	Animation and Graphics for Gamification	20.11.2023	24.11.2023	NITTTR, CHD	NEP-5	SSP/RKW	National
10. Rural Development Department									
119.	ICT-119	Emerging	Self Help Group Development through Technical Interventions	20.11.2023	24.11.2023	NITTTR, CHD		HKV	National
December 2023									
1. Applied Science Department									

Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
120.	ICT-120	General	STEM Teaching	18.12.2023	22.12.2023	NITTTR, CHD	NEP-9	PS/BC C/AK/KCL	National
2. Curriculum Development Centre									
121.	ICT-121	Pedagogy	NSQF Aligned Curriculum Design and Implementation	11.12.2023	15.12.2023	NITTTR, CHD		SKG	National
3. Education and Educational Management Department									
122.	ICT-122	General	Institutional Management, Quality Training and Placement	04.12.2023	08.12.2023	NITTTR, CHD		UNR	National
123.	ICT-124	Pedagogy	Leadership, Motivation and Decision Making	11.12.2023	15.12.2023	NITTTR, CHD		SD	National
124.	ICT-125	Pedagogy	Pedagogical Practices in Civil Engineering	18.12.2023	22.12.2023	NITTTR, CHD		PKS	National
4. Entrepreneurship Development and Industrial Coordination Department									
125.	ICT-126	Industry Supported	Innovation Management and Intellectual Property Rights	04.12.2023	08.12.2023	NITTTR, CHD	NEP-9	ADS	National
5. Information Management and Emerging Engineering Department									
126.	ICT-127	General	Branding of HEIs for Institutional Excellence	11.12.2023	15.12.2023	NITTTR, CHD		SSG	National
6. Mechanical Engineering Department									
127.	ICT-128	Research	Applications of VR/AR in manufacturing	18.12.2023	22.12.2023	NITTTR, CHD	NEP-2	RS	National
128.	ICT-129	Research	Modelling and Simulation using MATLAB/ Scilab	25.12.2023	29.12.2023	NITTTR, CHD	NEP-8	SSD	Northern
8. Media Engineering Department									
129.	ICT-130	General	SWOT and Strategic Management	04.12.2023	08.12.2023	NITTTR, CHD	NEP-6	RKW/ SSP	National
130.	ICT-131	Advanced	Empowering Digital Learning through AI Powered tools	18.12.2023	22.12.2023	NITTTR, CHD	NEP-5	SSP/ RKW	National
January 2024									
1. Applied Science Department									
131.	ICT-132	General	Nuclear Energy and Power Technologies	15.01.2024	19.01.2024	NITTTR, CHD	NEP-4	BCC	National
2. Computer Science and Engineering Department									

Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
132.	ICT-133	Research oriented	Complex Networks Analysis using Python	15.01.2024	19.01.2024	NITTTR, CHD	NEP-8	SS	National
133.	ICT-134	Skill based	AI/ML and Data Science for Industry 4.0 (Intermediate Level)	29.01.2024	02.02.2024	NITTTR, CHD	NEP-2	AD	National
134.	ICT-135	Research oriented	Cloud Computing: A Hands on Approach with AWS Cloud	29.01.2024	02.02.2024	NITTTR, CHD	NEP-10	MK	National

3. Civil Engineering Department

135.	ICT-136	Industry/ Interdisciplinary	Sustainable Cities and Communities	08.01.2024	12.01.2024	NITTTR, CHD		HG/ SKS	National
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4. Curriculum Development Centre

136.	ICT-137	Skill Oriented	Effective Curriculum Implementation Using FOSS	08.01.2024	12.01.2024	NITTTR, CHD		RM	National
137.	ICT-138	Pedagogy	Curriculum Design for Developing Job related Competencies	15.01.2024	19.01.2024	NITTTR, CHD		MS	National
138.	ICT-139	Pedagogy	Outcome Based Curriculum Development	29.01.2024	02.02.2024	NITTTR, CHD		SKG	National

5. Entrepreneurship Development and Industrial Coordination Department

139.	ICT-140	Skill-Oriented	Nurturing Intent, Initiative, and Innovation for Business Startups	08.01.2024	12.01.2024	NITTTR, CHD	NEP-3	ADS	National
140.	ICT-141	Research Oriented	Enhancing Research Capabilities for Academic Career Progression	15.01.2024	19.01.2024	NITTTR, CHD	NEP-8	HVS	National

6. Education and Educational Management Department

141.	ICT-142	General	Stress Management	15.01.2024	19.01.2024	NITTTR, CHD		PKS	National
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7. Electronics and Communication Engineering Department

142.	ICT-143	General	IoTs and Embedded Systems	15.01.2024	19.01.2024	NITTTR, CHD		KS	National
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8. Mechanical Engineering Department

143.	ICT-144	Advanced	Advanced Auto CAD	15.01.2024	19.01.2024	NITTTR, CHD	NEP-2	SJ	Northern
144.	ICT-145	Advanced	Green Manufacturing	29.01.2024	02.02.2024	NITTTR, CHD	NEP-2	SJ	National

9. Media Engineering Department

145.	ICT-146	General	SAR, OBE and NBA	08.01.2024	12.01.2024	NITTTR, CHD	NEP-4,6	SSP/ RKW	National
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Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
146.	ICT-147	Advanced	AR VR Applications	29.01.2024	02.02.2024	NITTTR, CHD	NEP-5	SSP/RKW	National

February 2024

1. Applied Science Department

147.	ICT-148	General	Vedic Vs classical Mathematics: Applications for Real world problems	05.02.2024	09.02.2024	NITTTR, CHD	NEP-2	KCL	National
148.	ICT-149	General	Professional Ethics and Plagiarism	05.02.2024	09.02.2024	NITTTR, CHD	NEP-9	AK/PS	National
149.	ICT-150	Advance	Advances in Laser Technology	19.02.2024	23.02.2024	NITTTR, CHD	NEP-8	BCC	National

2. Civil Engineering Department

150.	ICT-151	Advanced	Affordable Housing Techniques and Practices	12.02.2024	16.02.2024	NITTTR, CHD		AG	National
151.	ICT-152	Advance Level	Integrated Water Resource Management	19.02.2024	23.02.2024	NITTTR, CHD		HG/SKS	National

3. Computer Science and Engineering Department

152.	ICT-153	Research oriented	Wireless Networks	12.02.2024	16.02.2024	NITTTR, CHD	NEP-2	CRK	National
153.	ICT-154	Research oriented	Data Science using Python	19.02.2024	23.02.2024	NITTTR, CHD	NEP-2	MK	National
154.	ICT-155	Research oriented	Machine Learning using Python	19.02.2024	23.02.2024	NITTTR, CHD	NEP-8	SS	National
155.	ICT-156	Skill based	AI/ML and Data Science for Industry 4.0 (Advanced Level)	26.02.2024	01.03.2024	NITTTR, CHD	NEP-2	AD	National

4. Curriculum Development Centre

156.	ICT-157	Pedagogy	Curriculum Design and Evaluation	05.02.2024	09.02.2024	NITTTR, CHD		ABG	National
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5. Electrical Engineering Department

157.	ICT-158	Research Oriented	Big Data Analytics in Smart Grid	12.02.2024	16.02.2024	NITTTR, CHD		RT/MD	National
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6. Electronics and Communication Engineering Department

158.	ICT-159	Skill	Arduino based system design using Tinker CAD Free Simulator	05.02.2024	09.02.2024	NITTTR, CHD		BSD	National
159.	ICT-160	Advanced	5G and Beyond	05.02.2024	09.02.2024	NITTTR, CHD		GS	National

Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
7. Education and Educational Management Department									
160.	ICT-161	General	Project Planning and Management	05.02.2024	09.02.2024	NITTTR, CHD		RC	National
161.	ICT-163	Pedagogy	Developing Soft Skills	12.02.2024	16.02.2024	NITTTR, CHD		PKS	National
8. Mechanical Engineering Department									
162.	ICT-164	Research	Digital twinning of material processing technologies	05.02.2024	09.02.2024	NITTTR, CHD	NEP-8	RS	National
163.	ICT-165	Industry	Designing for Consumer	12.02.2024	16.02.2024	NITTTR, CHD	NEP-7	SSB	National
164.	ICT-166	Advanced	Advances in Automotive Technologies	26.02.2024	02.03.2024	NITTTR, CHD	NEP-2	SSD/SSB	National
9. Media Engineering Department									
165.	ICT-167	General	Sustainable Creativity and Innovation Management in Institutions	19.02.2024	23.02.2024	NITTTR, CHD	NEP-2	RKW/SSP	National
166.	ICT-168	General	NAAC and Internal Quality Assurance	26.02.2024	01.03.2024	NITTTR, CHD	NEP-4,6	SSP/RKW	National
10. Rural Development Department									
167.	ICT-169	Emerging Area	Technical Institution Capacity Enhancement through Rural Product Development	12.02.2024	16.02.2024	NITTTR, CHD		HKV	National
168.	ICT-162	General	Organic Farming, Sweet Revolution and Permaculture	12.02.2024	16.02.2024	NITTTR, CHD		UNR	National
March 2024									
1. Civil Engineering Dept.									
169.	ICT-170	Advanced	Environmental Pollution and it's control	18.03.2024	22.03.2024	NITTTR, CHD		SKS/HG	National
2. Electronics and Communication Engineering Department									
170.	ICT-171	Skill	Free Simulators for ECE Lab Practices	11.03.2024	15.03.2024	NITTTR, CHD		BSD/GS	National
4. Mechanical Engineering Department									
171.	ICT-173	Advanced	FEA using ANSYS	11.03.2024	15.03.2024	NITTTR, CHD	NEP-2	RS/SSD	National
5. Media Engineering Department									
172.	ICT-174	General	Digital Tools for Teaching and Learning	11.03.2024	15.03.2024	NITTTR, CHD	NEP-5	RKW/SSP	National

Sr. No.	TAC No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
173.	ICT-175	Advanced Level	AR VR Applications	18.03.2024	22.03.2024	NITTTR, CHD	NEP-5	SSP/RKW	National
6. Rural Development Department									
174.	ICT-176	Industry Supported	Development of Innovative Rural Entrepreneurship models	18.03.2024	22.03.2024	NITTTR, CHD		HKV	National
175.	ICT-172	General	Revamping CDTP Scheme for Integrated Village Development	18.03.2024	22.03.2024	NITTTR, CHD		UNR	National

Additional Courses- ICT

Sr. No.	O.Plan No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
176.	ICT-177	Advanced	Application of Auto CAD in Engineering	22.05.2023	26.05.2023	NITTTR, CHD		VKS	National
177.	ICT-178	General	Scilab Programming for Beginners	24.07.2023	28.07.2023	NITTTR, CHD		BSD	National
178.									
179.									

1.2

(C) CERTIFICATION PROGRAMMES:

Sr. No	TAC No.	Category	Mode	Name of Programme	Start Date	End Date	Venue	Coordinator	Deptt
1.	CERT-1	Certification Programme	Contact/ Online	IOT			NITTTR Chandigarh	MD/SSG	IMEE
2.	CERT-2	Certification Programme	Contact Mode	IPR and Patenting	15.05.2023	19.05.2023	NITTTR, Chandigarh	NB/ADS	EDIC
			Online Mode in MOOC Format		July Onwards	September	at Own Online Pace		
			Contact Mode		October / November (One Week as per the IIT calendar)		IIT, Ropar / Roorkee (Collaborating Institute)		
3.	CERT-3	Certification Programme	Contact	Entrepreneurial Opportunity Identification and Business Plan Formulation	18.09.2023	22.09.2023	NITTTR, Chandigarh	SKD/HVS	EDIC
			Online Mode in MOOC Format		October Onwards	December	at Own Online Pace		
			Contact Mode		Jan / Feb, 2024 (One Week as per the IIT calendar)		IIT, Ropar / Roorkee (Collaborating Institute)		
4.	CERT-4	Certification Programme	Contact/ Online Mode	AI/ML and Data Science for Industry 4.0			NITTTR, Chandigarh/ Online	CSE Faculty	CSE

1.2

(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	RandD	Community Development through Technological intervention and Rural Entrepreneurship	01.06.2022	31.07.2022	NITTTR, CHD	HKV/PS/AG	PIs of UBA
2.	ST-2	Skill oriented	Applications of VR/AR in Manufacturing	18.12.2023	22.12.2023	NITTTR, CHD	RS	National
3.	ST-3	Skill oriented	Modelling and Simulation using MATLAB/ Scilab	25.12.2023	29.12.2023	NITTTR, CHD	SSD	National
4.	ST-4	Skill oriented	FEA using ANSYS	11.03.2024	15.03.2024	NITTTR, CHD	RS/SSD	National
5.	ST-5	Skill oriented	Six Month student training			NITTTR, CHD	RS/SSD	National

1.3 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	Seminar on Disaster Skill Reduction: Making Sustainability way of Life	25.05.2023	26.05.2023	NITTTR, CHD	Civil/ Rural	National
2.	NC-2	Seminar on Industry 4.0, Innovation and 21 st Century Skills	05.09.2023	07.09.2023	NITTTR, CHD	All Deptt.	National
3.	NC-3	8th National Conference on Advances in Manufacturing Technology	28.12.2023	29.12.2023	NITTTR, CHD	Mech. Faculty	National

1.4 WORKSHOPS

Sr. No.	TAC. No.	Category	Name of Programme	Start Date	End Date	Venue	Coordinator	Beneficiary State
1.	W-1	General	Antenna Fabrication using 3D Printing	07.07.2023	07.07.2023	NITTTR, CHD	BSD/ GS	National
2.	W-2	Pedagogy	Curriculum Workshops for NSQF aligned Curriculum of Diploma Programmes	April, 2023	March, 2024	NITTTR, CHD	CDC Faculty	Punjab
3.	W-3	Pedagogy	Curriculum Workshops for NSQF aligned Curriculum of Diploma Programmes	April, 2023	March, 2024	NITTTR, CHD	CDC Faculty	Haryana
4.	W-4		Development and display of millets based recipes for people belonging to special need groups (hypo and hyperglycaemia, celiac, cardiac and gastrointestinal disorders) pregnant and lactating women . geriatrics	12.04.2023	12.04.2023	NITTTR, CHD	RD Faculty	
5.	W-5		Rangoli and slogan writing competition for students to create awareness	01.07.2023	01.07.2023	NITTTR, CHD	RD Faculty	
6.	W-6		Poster Making competition and organizing Marathon / Cycle	10.08.2023	10.08.2023	NITTTR, CHD	RD Faculty	
7.	W-7		Microprojects for students and Staff : Survey on different aspect of millets (awareness, consumption, economics) Carbon footprint of millet in comparison to other cereals. Pitching millet based ideas and Start Up challenge on	01.09.2023	13.09.2023	NITTTR, CHD	RD Faculty	

Sr. No.	TAC. No.	Category	Name of Programme	Start Date	End Date	Venue	Coordinator	Beneficiary State
			improvement of value chain of millets					
8.	W-8		Interaction with millet entrepreneur / technical poster / paper presentation and exploring collaboration opportunities with food processing industries	11.10.2023	11.10.2023	NITTTR, CHD	RD Faculty	
9.	W-9		Millet Bazaar display and sale of millet based products	15.11.2023	15.11.2023	NITTTR, CHD	RD Faculty	
10.	W-10		Knowledge sharing between technical institutes and institutions not having food technology as area of specialization	15.12.2023	15.12.2023	NITTTR, CHD	RD Faculty	
11.	W-11		Training program on demonstration of millet based tiffin recipes for student, faculty and staff			NITTTR, CHD	RD Faculty	
12.	W-12		Introduction of millets to your in house canteen / mess / Cafeteria			NITTTR, CHD	RD Faculty	
13.	W-13		Training program on millet based novel processed food products			NITTTR, CHD	RD Faculty	
14.	W-14		Promotion of Pedagogical Skills among Technical Teachers in Context of NEP 2020	21.04.2023	21.04.2023	NITTTR, CHD	EMGT	National
15.	W-15		Gender sensitization Workshop under Internal Complaints Committee (ICC)	06.06.2023	06.06.2023	NITTTR, CHD	NB/ MS	
16.	W-16		Review of CDTP Scheme for state of Haryana, Chandigarh and Punjab	11.05.2023	11.05.2023	NITTTR, CHD	UNR	
17.	W-17		Review of CDTP Scheme for state of H.P., J&K and Uttarakhand	11.05.2023	11.05.2023	NITTTR, CHD	UNR	
18.	W-18		Review of CDTP Scheme for state of Rajasthan and Delhi	11.05.2023	11.05.2023	NITTTR, CHD	UNR	
19.	W-19		Review of CDTP Scheme for state of Uttar Pradesh	11.05.2023	11.05.2023	NITTTR, CHD	UNR	

2.0 CURRICULUM DEVELOPMENT

2.1 CURRICULUM DESIGN

Sr.No.	TAC No.	Programme Title	Coordinator	Dept.
1.	CD-1	NSQF aligned Curriculum of Diploma Programmes for Punjab State	CDC, Faculty	CDC
2.	CD-2	NSQF aligned Curriculum of Diploma Programmes for Haryana State	CDC, Faculty	CDC

Sr.No.	TAC No.	Programme Title	Coordinator	Dept.
3.	CD-3	Curriculum for Diploma in Artificial Intelligence and Machine Learning for Haryana State	MS	CDC
4.	CD-4	Curriculum for Diploma in Hotel Management and Catering Technology for Haryana State	SKG	CDC
5.	CD-5	Postgraduate Diploma in Managing Online Platform based Business	HVS / NB / SKD / ADS	EDIC
6.	CD-6	Certification Programmes	NB / SKD / HVS / ADS	EDIC
7.	CD-7	New training programme(s) by the EDIC Dept. for the year 2023-2024	NB / SKD / HVS / ADS	EDIC

3.0 INSTRUCTIONAL MATERIAL DEVELOPMENT

3.1 Print Material

Sr. No.	TAC No.	Programme Title	Coordinator	Dept.
BOOKS				
1.		eBook on Digital Learning Tools	SSP/ RKW	Media
Readers				
2.	R - 1	Worksheets: Applied Physics Experiments - 03	BCC/PS/AK	APP SC.
3.	R - 2	Worksheets: Experiments with LINGO - 01	KCL	APP SC.
4.	R - 3	Advance level teaching material – in terms of Book Chapter to be published by the reputed publisher - 01	PS	APP SC.
5.	R - 4	Advance level teaching material – in terms of Book Chapter to be published by the reputed publisher - 01	AK	APP SC.
6.	R - 5	Reader- Eco friendly Construction Materials- Issue I	HG	CIVIL
7.	R - 6	Readers-Revision and Reprinting <ul style="list-style-type: none"> Improvement of foundation Soils Pre-Fabricated Construction Bearing Capacity of Shallow Foundations Composite Materials 	AKD	CIVIL
8.	R - 7	Reader in Construction Management	VKS	CIVIL
9.	R - 8	e-learning web based module on Design of RCC Structures - Content updation	SKS/HG	CIVIL
10.	R - 9	Operational Manual / Guidelines on Launching and Managing a Business Start-up	HVS/ADS/ SKD	EDIC
11.	R - 10	Robot Modelling and Simulation	SSD/BSP	MECH
12.	R - 11	Material Testing	RS/SSB	MECH
13.	R - 12	Strategic Development of Self Help Group	HKV/PS	RD
14.	R - 13	Course / Instructional Material Booklet(s) for Short Term Training Programmes (STTPs) by EDIC department for the year 2023-2024	NB/ SKD/ HVS/ ADS	EDIC
Modules				
1.	M - 1	Graph Algorithms	SS	CSE
2.	M - 2	Course Material/Modules for all the training Programmes (STCs) for 2022-23	EMGT Faculty	EMGT
3.	M - 3	Rural Innovative Projects for Employment Enhancement	HKV/PS	RD

Sr. No.	TAC No.	Programme Title	Coordinator	Dept.
Laboratory Manuals				
1.	LM - 1	IoT Implementation using Arduino	RT/ AM	ELECT
2.	LM- 3	Non Linear Analysis of Beams using ABAQUS	HG	CIVIL
3.	LM- 4	Shell Scripting for Automation	AD	CSE
4.	LM- 5	Open Source for Image Processing and Computer Vision Applications	AD	CSE

3.2 Massive Open Online Courses (MOOCs)

Sr. No.	TAC No.	Programme Title	Coordinator	Dept.
1.	MO - 1	Clean Technologies and Sustainable Development	SS/ PS/ AG	CIVIL/ RURAL
2.	MO - 2	Academic Audit	RKW	Media
3.	MO - 3	PLC and Microcontrollers in Hindi Language	RT	ELECT
4.	MO - 4	Institutional Management for Entrepreneurship	SKD/NB	EDIC
5.	MO - 5	Entrepreneurship Development	SKD	EDIC
6.	MO – 6	Production of In-house Low Cost Polymer Filament for 4D Printing	RS/BSP	MECH
7.	MO - 7	Production of In-house Low Cost Metal Powder for 3D Printing	RS/SSD	MECH
8.	MO - 8	Robot Operation and Programming	SSD/BSP	MECH
9.	MO-10	HM-04 on Virtual Education (AICTE Higher Module)	KGS/MD	IMEE
10.	MO-11	Instructional Planning and Delivery	SD	EMGT
11.	MO-12	Academic Leadership	SSG/ HVS	ECE/ EDIC
12.	MO-13	Group Dynamics	HVS/ HKV	EDIC/ Rural
13.	MO-14	Python Programming and its applications in Data Science [Hindi]	MK/SS/AS	CSE
14.	MO-15	Digital Electronics	BSD	ECE
15.	MO-16	Digital System Design	KS	ECE
16.	MO-17	Mobile Communication	GS	ECE
17.	MO-18	IPR and Patenting	NB / ADS	EDIC
18.	MO-19	Entrepreneurial Opportunity Identification and Business Plan Formulation	SKD / HVS	EDIC
19.	MO-20	Technology Integrated Digital Learning	RKW/ SSP	MEDIA

3.3 Non Print Material

Video Films on MOOCs format

Sr. No.	TAC No.	Programme Title	Coordinator	Dept.
1.	VF- 1	Relative Density of Soil	VKS	CIVIL
2.	VF- 2	Abrasion Test of Concrete	HS	CIVIL
3.	VF- 3	Video Clipping on Road Construction	AKD	CIVIL
4.	VF- 4	Pavement Evaluation by- Benkelman Beam Test	AKD	CIVIL
5.	VF- 5	Resource Efficient Bricks	SKS/HG	CIVIL
6.	VF - 6	Mastic Asphalt Construction	AKD	CIVIL
7.	VF - 7	Permeability of Soil	VKS	CIVIL
8.	VF - 8	Marshal Stability Value	AKD	CIVIL
9.	VF - 9	Object detection using Python	AD	CSE
10.	VF - 10	Flexible Manufacturing Systems	BSP/SSD	MECH
11.	VF - 11	Thermal characterization of polymers	BSP/RS	MECH
12.	VF - 12	Masonry and confined masonry construction practice	HKV	RURAL
13.	VF – 13	Recording of Video Lectures for all Engineering Practical Subjects in Hindi Language. (20)	RKW/ SSP	MEDIA
14.	VF – 14	AR/VR Based Technical Content Creation for Engineering Subjects. (5)	SSP/ RKW	MEDIA
15.	VF – 15	Norms and Standards of Resources for Technical Institutions	SKG	CDC
16.	VF – 16	Project Work	SKG	CDC
17.	VF – 17	National Credit Framework for HEIs	MS	CDC
18.	VF - 18	Outcome Based Curriculum and Accreditation Criteria	MS	CDC

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.

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 – 12	Impact of Online Teaching-Learning: Psychological and Learning Aspects.	RKW/ SSP	MEDIA
2.	RS – 13	Feasibility Study of AR VR Technology in Educational Institutes	SSP/ RKW	MEDIA

5. EXTENSION SERVICES AND CONSULTANCY PROJECTS

Extension Services:

Sr. No.	TAC No.	Programme Title	Coord.	Dept.
1.	EX – 1	Student Training (6 Weeks / 6 Months); Nanotech, OFC	BCC/PS/AK	APP
2.	EX - 2	Engineering Computational Tools: MATLAB, MATHEMATICA and LINGO	KCL	APP
3.	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
4.	EX - 4	Mentoring of NITTTR Students for new Business Start-ups	NB/HVS/ADS/SKD	EDIC
5.	EX - 5	War Room activities of EDIC department for Industrial Consultancy	HVS/NB/SKD	EDIC
6.	EX-6	Industrial Coordination Activities	NB/HVS	EDIC
7.	EX- 7	Providing assistance to MHRD, EDCIL, AICTE, ISTE, NPIU, DTE, BTE, Engineering Colleges, Polytechnics, Industries and other Institutions/ Organisations in the areas of: Educational Planning and Management	EMGT Faculty	EMGT
8.	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
9.	EX-9	Guidance/Assistance to the institutions implementing the Scheme of Community Development through Polytechnics (CDTP) for Rural Development Activities in Northern Region (155 institutions)	All Faculty	RD
10.	EX-10	Assistance to MSDE/MOE and State Directorates of Northern Region for implementing CDTP Scheme (155 Institutions in 08 state and 01 UT)	All Faculty	RD
11.	EX- 11	Student Training (6 Weeks / 6 Months); Nanotech	PS/BCC/AK	App Sci
12.	EX- 12	Student Training (6 Weeks / 6 Months); OFC	BCC/PS/AK	App Sci

Sr. No.	TAC No.	Programme Title	Coord.	Dept.
13.	EX- 13	Student Training (6 Weeks / 6 Months); MATLAB: Basic and Plottings – Hands-on Training	KCL	App Sci
14.	EX- 14	Student Training (6 Weeks / 6 Months); MATHEMATICA: Basic Operations – Hands-on Training	KCL	App Sci
15.	EX- 15	Student Training (6 Weeks / 6 Months); LINGO	KCL	App Sci
16.	EX- 16	Training of Technical Staff/Industrial person in Nanotech/OFC/MATLAB/MATHEMATICA/LINGO	PS/BCC/AK /KCL	App Sci
17.	EX- 17	Students Training on Characterization of Materials	AK/PS/BCC	App Sci
18.	EX- 18	Assistance to AICTE, Universities, Engineering Colleges and Other Bodies in Curriculum Development	CDC, Faculty	CDC
19.	EX- 19	Assistance to State Boards of Technical Education in review of Curriculum and Identification of new programmes.	CDC, Faculty	CDC
20.	EX- 20	Scheme for Person with Disability	NB/HKV	EDIC/ RD
<i>Sponsored Projects:</i>				
1.	SP – 5	Unnat Bharat Abhiyan- AICTE Sponsored	SKS/UNR/ ADS/AG	CIVIL
2.	SP – 6	MOOCs on various courses	SD/AK	EMGT
3.	SP – 25	Sponsored Project under Share and Mentor Institutions (Margdarshan) Scheme by AICTE.	CRK/MK	CSE
4.	SP - 35	Structural Safety Audit of Hospital and School Buildings	HKV/SS/AG	RD
5.	SP-40	GSDP Course on Sustain & Enhance Technical Knowledge in Solar Energy	SKS/PS	CCTSD
6.	SP – 44	Sponsored Programme under FIST programme Level 0 (DST, GoI.)	BSP/RS/SS D/MD/BR/ AK/ NB	
7.	SP - 51	QIP sponsored STC on Energy Efficient and Innovative Building Construction Practices from 23 to 28 August, 2022	AG	CIVIL
8.	SP - 54	QIP Sponsored program on Smart Cities opportunities and challenges from 25-30 October, 2022.	HG	CIVIL
9.	SP - 63	Unnat Bharat Abhiyan	HKV/PS/AG	RD
10.	SP-65	Project -1 under SERB (Teachers Associateship for Research Excellence)	RS	MECH.
11.	SP-66	Project -2 under SERB (Teachers Associateship for Research Excellence)	RS	MECH.
12.	SP-69	Development of Digital Twin of an Articulated Robotic Arm	SSD	Mech.
13.	SP-70	Frame the curriculum for Job role of Plumber, Electrician and Fitter from Punjab Skill Development Mission, Chandigarh	RM	CDC
14.	SP-71	Engineered Novel cobalt-free nanostructured double perovskites for asymmetric energy storage device application	AK/ PS	App. Sci.
15.	SP-72	Project under RPS of AICTE titled “Memristive Non-volatile SRAM Cell Design for AI Applications”.	BR/ SSG	ECE

Sr. No.	TAC No.	Programme Title	Coord.	Dept.
16.	SP-73	Sponsored Project “Designing fixtures plates with different 3D printing Materials for optimizing cranial implant thickness used in skull reconstruction” by DST-TARE.	SSD	Mech.
17.	SP-76	Marketing of Dross Magic Machine	SKS	CCTSD
18.	SP-77	AICTE Sponsored Programme on Innovation Design and Entrepreneurship Bootcamp from 21 to 26 June, 2023 at NITTTR, Chandigarh	RS	MECH.
19.	SP-78	CSIR project, F No 09/879(0001)/2021-EMR-1 (Renu Dhaiya fellowship from CSIR)	AK	APP SCI
Consultancy Projects:				
1.	LC – 1	Laboratory Consultancy (Concrete Technology)	HS	CIVIL
2.	IC – 1	Institutional Consultancy (Concrete Technology)	HS	CIVIL
3.	KC – 1	Knowledge Consultancy (Concrete Technology)	HS	CIVIL
4.	LC -2	Laboratory Consultancy (Non-Destructive Testing/Environment/Structural Safety)	SKS	CIVIL
5.	IC – 2	Institutional Consultancy (Non-Destructive Testing/Environment/Structural Safety)	SKS	CIVIL
6.	KC – 2	Knowledge Consultancy (Non-Destructive Testing/Environment/Structural Safety)	SKS	CIVIL
7.	LC -3	Laboratory Consultancy (Highway Engineering)	AKD	CIVIL
8.	IC – 3	Institutional Consultancy (Highway Engineering)	AKD	CIVIL
9.	KC – 3	Knowledge Consultancy (Highway Engineering)	AKD	CIVIL
10.	LC -4	Laboratory Consultancy (Soil Engineering)	VKS	CIVIL
11.	IC – 4	Institutional Consultancy (Soil Engineering)	VKS	CIVIL
12.	KC - 4	Knowledge Consultancy (Soil Engineering)	VKS	CIVIL
13.	CP-1	Material Testing, Design and Technical Services to industry	All Faculty	CIVIL
14.	CP-2	Testing of various Electrical Works from various organizations- As per requirement	All faculty	ELECT
15.	CP-3	Antenna Testing	GS/BSD	ECE
16.	CP-8	Training of Students and Faculty from Engineering Colleges and Polytechnics	AS/CRK	CSE
17.	CP-9	Training of Students and Faculty from Engineering Colleges and Polytechnics in Wireless Communication, Antenna Design, Fabrication and Testing, Antena Design Using Simulators, Embedded System and IoTs, PCB Design, Signal Processing and Image Processing in AI, VLSI Design, Artificial Intelligence in ECE, Utrakhand Workforce Development Project, Branding of Institutional Institutes.	All Faculty	ECE
18.	CP-11	Training of students and Faculty from Engineering Colleges and Polytechnics	All faculty	ELECT
19.	CP-12	Product Design and Development	RS/BSP	MECH

Sr. No.	TAC No.	Programme Title	Coord.	Dept.
20.	CP-15	Nabet Accredited Training Programme on Laboratory Management and Internal Auditing as per IS/ISO/IEC 17025:2017 from 01.04.2022 to 31.03.2023	SKS/HG	CCT and SD
21.	CP-19	Facilities and services for training, examinations etc. to outside agencies	CRK and Team	CSE
22.	CP-87	Consultancy Work of 3 rd Party Audit/Structure Stability etc. from 01.04.2022 to 31.03.2023	SKS	CCT and SD
23.	CP-124	Recruitment for Post of Junior Engineer (Electrical) in the department of Engineering (Electrical Circle), UT, Chandigarh	SSB/SD/RKW	Concer ned Dept
24.	CP-126	Convenience Fee of STC Management System	CRK	CSE
25.	CP-128	Sample Analysis with AFM and PLS	BCC/PS/AK	APP SC.
26.	CP-133	Recruitment for the posts of Headmasters/headmistresses in (School Education (Samagra Shiksha), UT, Chandigarh	SSB/SD/RKW	Concer ned Dept
27.	CP-21-141	Recruitment for the post of Supervisors in SSS Board, Mohali (Punjab)	SSB/SD/RKW	Concer ned Dept
28.	CP-21-149	Recruitment for various post in MILKFED (Punjab)	SSB/SD/RKW	Concer ned Dept
29.	CP-22-171	Recruitment for the Subordinate Services Selection Board, Punjab	SSB/SD/RKW	Concer ned Dept
30.	CP-22-178	Recruitment for various posts of TGT's under Samagra Shiksha, State Project Director-cum-Director tor School Education, Union Territory of Chandigarh Administration	SSB	MECH
31.	CP-22-179	Recruitment for the posts of JBTs under Samagra Shiksha, State Project Director-cum-Director tor School Education, Union Territory of Chandigarh Administration	SSB	MECH
32.	CP-22-182	Designing of Diploma course for HSBTE, Panchkula on Artificial Intelligence and Machine Learning.	MS	CDC
33.	CP-22-183	Trade test for the post of Electrician-cum-Plumber under Direct Recruitment Drive 2021-22	SSB/ SD/ RKW	
34.	CP-22-184	Recruitment test for 359 posts of TGTs in Education Department, Chandigarh Administration.	SSB/ SD/ RKW	
35.	CP-22-185	Recruitment test for 293 posts of JBTS in Education Department, Chandigarh Administration.	SSB/ SD/ RKW	
36.	CP-22-186	Recruitment test for 88 posts of PGTs in Education Department, Chandigarh Administration.	SSB/ SD/ RKW	
37.	CP-22-187	Design Curricula of diploma course "Hotel Management and Catering Technology" from HSBTE, Panchkula	SKG	CDC
38.	CP-23-199	Development of Curriculum for degree and diploma level programmes for Delhi State	CDC, Faculty	CDC
39.	CP-23-200	Two Days Finishing School Workshop for Enhancing the Entrepreneurial and Employability Skills of Engineering Students	EDIC Faculty	EDIC

Sr. No.	TAC No.	Programme Title	Coord.	Dept.
40.	CP-23-201	Six Days Training Programme on Hydraulic Controls for Ocean Engineering International Services Ltd. from 8-13 May, 2023	SSD/ BSP	Mech.
41.	CP-23-202	Two STCs under PMKVY4.0- a flagship Skill Development Scheme of Govt. of India	GS/ BSD	ECE
42.	CP-23-203	DPR for Land Slide Mitigation for Bagchal Bridge	HKV/ AKD/ UNR	
43.	CP-23-204	Conduct of Third Party Audit under RTI Act on Institute Consultancy Mode	SD/ NB	

6. COORDINATION ACTIVITIES:

Sr. No.	TAC No.	Programme Title	Coordinator	Dept.
1.	CO-1	Liaison with other organisations for Master/Ph.D Degree Programmes	MD	Aca. Cell
2.	CO-2	As per assigned responsibility in the institute	EMGT Faculty	EMGT
3.	CO-3	Work with 75 polytechnics of Punjab and Chandigarh under UBA Project	All Faculty	RD
4.	CO-8	AICTE QIP (Engg) Scheme 2021-22		Academic Cell
5.	CO-9	Assistance to NPIU, AICTE, NBA, DTEs, BTEs, MoE. UGC, APACC, NAAC Etc.	SKD/NB/ HVS/ADS	EDIC

7. PROMOTIONAL AND INDUSTRY LINKED ACTIVITIES:

Sr. No.	TAC No.	Programme Title	Coordinator	Dept.
1.	PDA - 30	Mentoring Workshop for Haryana and Delhi from 21 – 25 June, 2022	AD/MD	CSE
2.	PDA – 1	Journal of Engineering and Technology Education and Institute Newsletter	SD and Team	EMGT
3.	PDA – 4	Simulation center of excellence for electromechanical system	SSD/LM	MECH
4.	PDA - 38	Cultural Club	PSR/AKD	-
5.	PDA - 39	Literary Club	VKS-	-
6.	PDA – 40	Sports Club	AKD	-
7.	PDA - 41	Fitness Club	AKD	-
8.	PDA-43	Techno Club	GS/ MK	-
9.	PDA-46	Celebration of International Year of Millets - 2023	HKV/ PS	RD
10.	PDA-50	Declamation Context on 6 th September, 2023 “Making World a better place to live in”	HVS/ADS/ PKS/ AD	
11.	PDA-51	Training and Academic Activities for Business Startup Incubation Centre (BSIC)	NB / SKD / HVS / ADS	EDIC

ABBREVIATIONS USED

Departments/Centres/Units of the Institute	
APP. SC.	Applied Science
CIVIL	Civil Engineering
CSE	Computer Science and Engineering
CCTSD	Centre for Clean Technology and Sustainable Development
CDC	Curriculum Development Centre
CPC	Centre for Physically Challenged
EDIC	Entrepreneurship Development and Industrial Coordination
EMGT	Education and Educational Management
ELECT	Electrical Engineering
ECE	Electronics and Communication Engineering
ESC	Electronics Service Centre
IMEE	Information Management and Emerging Engineering Dept.
LIB	Library
MECH.	Mechanical Engineering
MEDIA	Media Engineering
RD	Rural Development

States / UTs	
National/ National	National and UTs of Country
Northern Region States	8 States and One UT in Northern Region as below
CH	CHD
DE	Delhi
HR	Haryana
HP	Himachal Pradesh
J and K	Jammu and Kashmir
PU	Punjab
RA	Rajasthan
UK	Uttarakhand
UP	Uttar Pradesh

Miscellaneous	
BOG	Board of Governors
BTE	Board of Technical Education
CAD	Computer Aided Design
CAM	Computer Aided Manufacturing
CNC	Computer Numerical Control
CDTPs	Community Development Through Poly.s
DSP	Digital Signal Processing
DTE	Directorate of Technical Education
EACs	Entrepreneurial Awareness Camps
EDPs	Entrepreneurship Development Programmes
EdCIL	Educational Consultants India Ltd
EdCIL	Educational Consultants India Ltd
HOD	Head of Department
ICT	Information Communication Technology
ID	Interdis..
III	Industry Institute Interaction
ISO	International Organisation for Standardisation
NPIU	National Project Implementation Unit
Orgn (s)	Organisation(s)
PLCs	Programmable Logic Controllers
Polys	Poly.s
PWDs	Persons with Disabilities
CPSC	Colombo Plan Staff College, Manila