

# **Operational Plan (Activities Calendar) 2022-2023**



**NATIONAL INSTITUTE OF TECHNICAL TEACHERS  
TRAINING & RESEARCH**

**SECTOR-26, CHANDIGARH-160019, INDIA**

**[www.nitttrchd.ac.in](http://www.nitttrchd.ac.in)**

**ISO 9001 : 2015 CERTIFIED**

# 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.

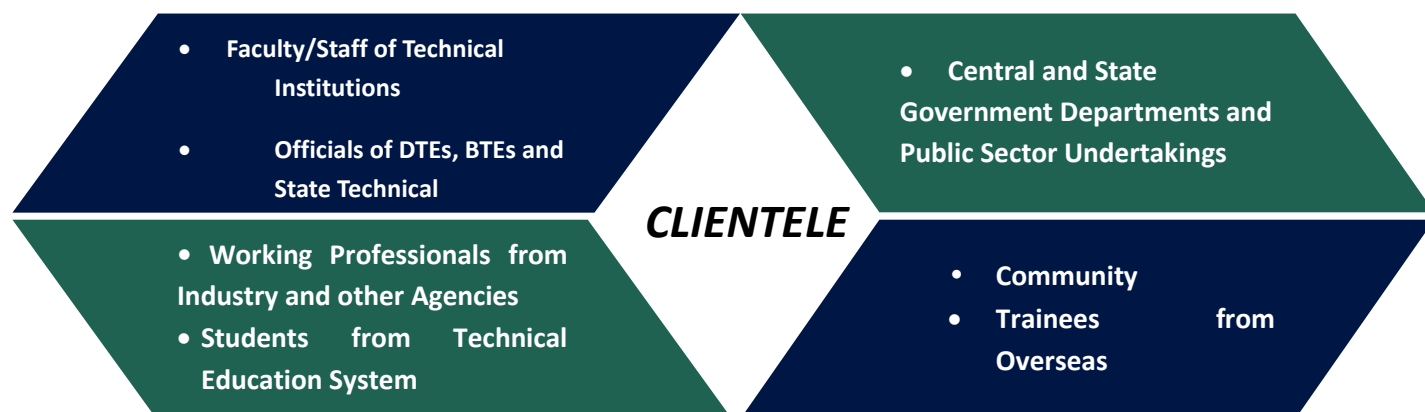
# **& Core Values Objectives** of the Institute

## **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.*



## 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.
  - From April, 2022 to June, 2022, the Institute will offer only online programmes.
  - 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](mailto:imee@nitttrchd.ac.in)
- For clustered programme, the communication can be done with any one of the coordinators mentioned.

## COURSE FEE, BOARDING AND LODGING

### FOR CONTACT/PHYSICAL PRESENCE COURSE:

#### A. For Programmes at NITTTR, Chandigarh:

##### **A.1 Participants from Government, Government Aided, Private and Self Financing Polytechnics/ Engineering Colleges/ Universities:**

###### **a) Travelling Allowance:**

- No Travelling Allowance

###### **b) Boarding / Lodging:**

- Free boarding and lodging will be provided by the institute. Lunch and two times tea/coffee will be provided. 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. No DA will be permissible for the duration of course.

###### **c) Course Fee:**

- As per the decision of the institute. only 118/- as course fee(including GST) will be charged from the participants. For specialised courses, course fee shall be charged case to case basis as proposed by coordinator and approved by Director separately.

##### **A.2 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 course fee of Rs.118/-(including GST) per participant will be charged. Expenses towards lunch, tea/coffee during sessions of the programme will be borne by participants. 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.3 Research Scholars from any Technical Institute:**

- A Course fee of Rs.500/- (GST Extra) 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 course fee will be charged.

##### **A.4 Inaugural/Valedictory: Rs. 30/- per person for inaugural session and Rs. 30/- per person for valedictory session respectively.**

#### **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. 1000/- per day per room during the course duration.

**B. For Programmes at Government and Government Aided Polytechnics/Engineering Colleges/Universities:  
(Courses Proposed by NITTTR, Chandigarh)**

**B.1 Participants from Government/ Government Aided/ Self Financing Polytechnics/Engineering Colleges/ Universities:**

**a) Travelling Allowance:**

- No Travelling Allowance
- Expenditure on account of two times tea shall be restricted to Rs. 30/- per day per participant. No lunch will be provided to the participants

**b) Boarding / Lodging:**

- Not permissible. However, two times tea during the course will be provided @Rs. 30/- per day per participant.

**c) Local Conveyance:**

- Not permissible.

**d) Course Fee:**

- As per the decision of the institute, no amount will be charged from the host institution but for participants from other institutions, only 118/- as course fee(including GST) will be charged. For specialized courses, course fee shall be charged case to case basis as proposed by coordinator and approved by Director separately.

**B.2 Research Scholar from any Technical Institute:**

- A Course fee of Rs.500/- (GST Extra) 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.3 Inaugural/Valedictory: Rs. 30/- per person for inaugural session and Rs. 30/- per person for valedictory session respectively.**

**B.4 Honorarium to local Coordinator Rs. 2500/- and Payment to supporting Staff Rs. 1500/-**

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

**C.1 Training Programmes for faculty / Staff**

- **Course Fee:**
  - i. For 1 to 2 days, Rs. 1000/- per day per person will be charged. Minimum 30 participants are required.
  - ii. For more than 2 days, Rs. 500/- per day per person will be charged. Minimum 30 participants are required.
- **Boarding and lodging:**
  - i. Not permissible. However, two times tea during the course will be provided @Rs. 30/- per day per participant.
  - ii. TA/DA, Boarding and lodging facilities to experts and NITTTR Chandigarh faculty will be provided by host institute.



## **D. For ICT Based Training Programmes**

### **D.1 For Remote Centre at Government/Government Aided/Self Financing Institutions/Universities:**

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

### **D.2 Online (ICT at participants' own choice location):**

- Course fee of Rs. 118/-(including GST) is to be charged.

## **E. Participants sponsored by TEQIP Institute(s):**

### **E.1 Institute Operational Plan Programmes:**

- Course fee @ Rs. 5000/- (GST Extra) 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, course fee will be charged @ Rs. 10,000/- (GST Extra) per participant per week subject to a minimum of Rs. 1.0 lac. 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

## 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 calendar of 2022-2023 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. There is no course fee for faculty members of government institutes.
6. For self-financing institutes, the course 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 five major areas such as:

**Civil Engineering (Construction Technology and Management)**

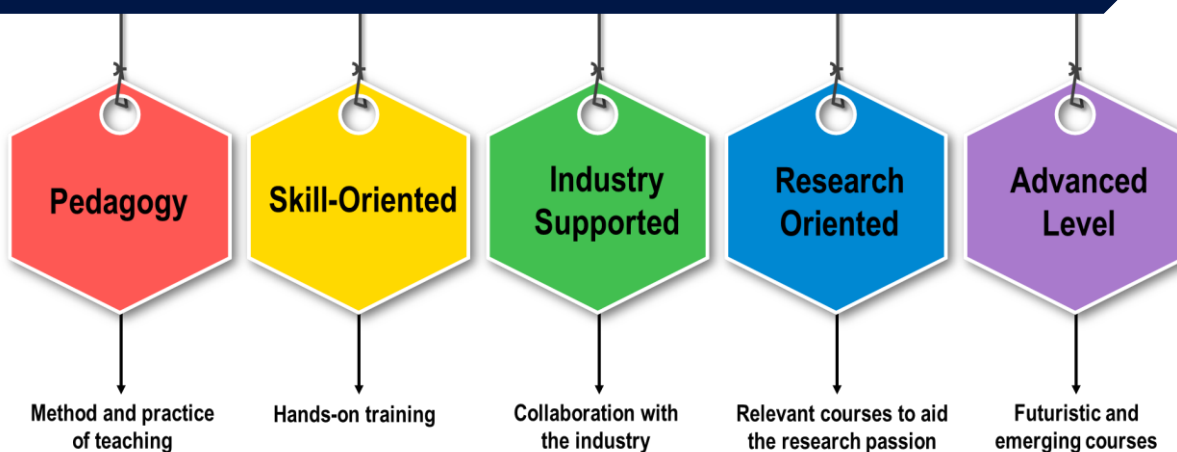
**Computer Science and Engineering**

**Electrical Engineering (Instrumentation and Control)**

**Electronics and Communication Engineering**

**Mechanical Engineering (Manufacturing Technology)**

Short term programmes in the respective departments are categorized:



**TRAINING CALENDAR (2022-23)**

## 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 & Management)	Civil Engineering	Faculty of Technical Institutions/ Industry Personnel/Fresh Graduates	Apr 2022 to Mar 2023	NITTTR CHD
2.	RCSE	Computer Science and Engineering	Computer Science & Engineering			
3.	RMEI	Electrical Engineering (Instrumentation and Control)	Electrical Engineering			
4.	RMEC	Electronics & Communication Engineering	Electronics & Communication Engineering			
5.	RMMT	Mechanical Engineering (Manufacturing Technology)	Mechanical Engineering			
6.	RCSEIOT	Computer Science and Engineering (Specialization in IoT)	Computer Science & Engineering	Fresh Graduates	Apr 2022 to Mar 2023	NITTTR CHD
7.	RMECAI	Electronics & Communication Engineering (Specialization in AI)	Electronics & Communication Engineering			
8.	RMMR	Mechanical Engineering (Specialization in Robotics)	Mechanical Engineering			
	MASTER'S DEGREE (MODULAR MODE)					
9.	MMCT	Civil Engineering (Construction Technology & Management)	Civil Engineering	Faculty of Technical Institutions	June-July and Dec.-Jan	NITTTR CHD
10.	MCSE	Computer Science & Engineering	Computer Science & 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 & Communication Engineering	Electronics & 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.**

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

## 1.2 SHORT TERM PROGRAMMES

### A. (CONTACT MODE):

Sr. No.	O.Plan No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
<b>1. Civil Engineering Department</b>									
1.	CE-1	Industry	Non Destructive Techniques in Civil Engineering	04.07.2022	08.07.2022	NITTTR, CHD	NEP-2	SKS/AG	National
2.	CE-2	Industry	Advanced Construction Materials and Techniques for Roads, Buildings Bridges & Other Civil Engineering Structures".	18.07.2022	29.07.2022	NITTTR, CHD	NEP-2	HG/SKS	National
3.	CE-3	Advanced	Bearing Capacity Estimation for Foundations	25.07.2022	29.07.2022	NITTTR, CHD	NEP-2	VKS	National
<b>2. Computer Science &amp; Engineering Department</b>									
4.	CSE-1	Industry Supported	Web Application Security & Ethical Hacking	18.07.2022	22.07.2022	NITTTR, CHD	NEP-2	CRK/AS	National
5.	CSE-2	Research oriented	Computer Vision using Open CV	25.07.2022	29.07.2022	NITTTR, CHD	NEP-2	AD	National
<b>3. Curriculum Development Centre</b>									
6.	CDC-1	Advance Level	Accreditation Criteria and Process	25.07.2022	29.07.2022	NITTTR, CHD	NEP-3	MS	National
<b>4. Entrepreneurship Development &amp; Industrial Coordination</b>									
7.	ED-1	Emerging Trends	Design Thinking for Transformation in Education (for Directors/Principals/Deans/ HoDs/Senior Faculty)	4.07.2022	8.07.2022	NITTTR, CHD	NEP-2	HVS	National
8.	ED-2	Emerging Trends	Entrepreneurial Career Opportunities	11.07.2022	15.07.2022	GP, Morni Panchkula	NEP-2	NB	HRY
9.	ED-3	Pedagogy programs	Creativity and Innovation for Entrepreneurship Promotion	25.07.2022	29.07.2022	KGP, Srinagar	NEP-1	ADS	J&K
<b>5. Information Management and Emerging Engineering Department</b>									
10.	IMEE-1	Skill Oriented	Cyber Threats and Security Measures	25.07.2022	29.07.2022	NITTTR, CHD	NEP-2	MD	National
<b>6. Mechanical Engineering Department</b>									
11.	ME-1	General	Refresher Course in Mechanical Engineering	04.07.2022	15.07.2022	NITTTR, CHD	NEP-4	SSD / RS	National
12.	ME-2	Industry	Ergonomics and Product Design	18.07.2022	22.07.2022	NITTTR, CHD	NEP-7	SSB	National
13.	ME-3	Industry	Supervisory Development for Workshop Instructors	25.07.2022	29.07.2022	NITTTR, CHD	NEP-3	SJ	National

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Sr. No.	O.Plan No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
28.	RD-1	Advanced	Development of Innovative Rural Entrepreneurship Models	22.08.22	26.08.2022	NITTTR CHD	NEP-2	HKV	National

## September 2022

### 1. Civil Engineering Department

29.	CE-7	Advanced	Design and Construction of Foundation for Bridges	12.09.2022	16.09.2022	NITTTR, CHD	NEP-2	AKD	National
30.	CE-8	Advance/ Research	Artificial Intelligence & IoT Applications in Civil Engineering	12.09.2022	16.09.2022	NITTTR, CHD	NEP-2	HG	National
31.	CE-9	Interdisciplinary	Innovation in Construction and Green Building Materials	19.09.2022	23.09.2022	NITTTR, CHD	NEP-2	SKS/ AG	National
32.	CE-10	Skill Oriented	Structural Design with STAAD PRO	19.09.2022	23.09.2022	NITTTR, CHD	NEP-10	HS	National
33.	CE-11	Advanced	Construction Management	19.09.2022	23.09.2022	NITTTR, CHD	NEP-2	VKS	National

### 2. Computer Science & Engineering Department

34.	CSE-5	Skill Oriented	Cyber Vulnerabilities and Safeguards	05.09.2022	09.09.2022	NITTTR CHD	NEP-2	CRK/ AS	National
35.	CSE-6	Research Oriented	Deep Learning	12.09.2022	16.09.2022	NITTTR CHD	NEP-2	AD	National
36.	CSE-7	Research oriented	Open Source Tools for Research	19.09.2022	23.09.2022	NITTTR CHD	NEP-8	SS	National

### 3. Curriculum Development Centre

37.	CDC-4	Pedagogy	Outcome Based Curriculum Design	05.09.2022	09.09.2022	NITTTR CHD	NEP-7	MS	National
38.	CDC-5	Skill Oriented	Effective Conduct of Laboratories and Workshops	12.09.2022	16.09.2022	NITTTR CHD	NEP-7	ABG	National
39.	CDC-6	Pedagogy	NSQF Aligned Curriculum Design and Implementation	19.09.2022	23.09.2022	NITTTR CHD	NEP-7	SKG	National

### 4. Electronics & Communication Engineering Department

40.	ECE-1	Research Oriented	Digital Signal Processing using MATLAB	05.09.2022	16.09.2022	NITTTR, CHD	NEP-8	AK	National
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### 5. Entrepreneurship Development & Industrial Coordination

41.	ED-5	Industry Supported	Product design, Launch and Start-ups in Electronics	12.09.2022	16.09.2022	ABVGIE T,Pragati-nagar, Distt. Shimla	NEP-10	ADS	H.P.
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Sr. No.	O.Plan No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
42.	ED-6	Emerging Trends	Project Management Skills for Managing Business Ventures	26.09.2022	30.09.2022	GGP, Dehradun	NEP-2	HVS	UK

## 6. Education & Educational Management

43.	EEM-4	Edu. Mgmt	Induction Training Programme for Newly Recruited Teachers	05.09.2022	16.09.2022	NITTTR, CHD	NEP-3	AK	National
44.	EEM-5	Skill Based	Rural Enterprises and Rural Entrepreneurship	19.09.2022	23.09.2022	NITTTR, CHD	NEP-7	UNR	Northern
45.	EEM-6	Edu. Pedagogy	Outcome Based Education	19.09.2022	23.09.2022	NITTTR, CHD	NEP-1	AK/SD	National
46.	EEM-7	Edu. Mgmt	Managerial Skills for Technical Teachers & Administrators	26.09.2022	30.09.2022	NITTTR, CHD	NEP-9	RC	National

## 7. Information Management and Emerging Engineering Department

47.	IMEE-2	Research Oriented	MATLAB for Engineering Applications	12.09.2022	16.09.2022	NITTTR CHD	NEP-8	MD	National
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## 8. Mechanical Engineering Department

48.	ME-7	Advanced	CAD using Solid Works	12.09.2022	16.09.2022	NITTTR CHD	NEP-10	SJ/PSR	National
49.	ME-8	Advanced	Automation and Robotics	19.09.2022	23.09.2022	NITTTR CHD	NEP-2	SSD	National
50.	ME-9	Advanced	FEA using ANSYS	26.09.2022	30.09.2022	NITTTR CHD	NEP-10	BSP	National

## 9. Media Engineering Department

51.	MED-1	General	Accreditation for Quality assurance (NBA & NAAC guidelines )	05.09.2022	09.09.2022	NITTTR CHD	NEP-9	RKW	National
52.	MED-2	Skill Oriented	Developing Camera Skills: Still and Video	26.09.2022	30.09.2022	NITTTR CHD	NEP-5	RKW	National

## 10. Rural Development Department

53.	RD-2	Research oriented	Sustainable Rural Development through Unnat Bharat Abhiyan	19.09.2022	23.09.2022	NITTTR CHD	NEP-11	PS	National
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**October 2022**

## 1. Civil Engineering Department

54.	CE-12	Industry	Concrete Mix Design – New Directions	10.10.2022	14.10.2022	NITTTR, CHD	NEP-7	HS	National
55.	CE-13	Advanced	Earthquake Risk Management	10.10.2022	14.10.2022	NITTTR, CHD	NEP-2	AG	National

Sr. No.	O.Plan No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
56.	CE-14	Industry	Alternate Technologies in Road Construction	17.10.2022	21.10.2022	NITTTR, CHD	NEP-2	AKD	National

## 2. Computer Science & Engineering Department

57.	CSE-8	Research Based	Social Network Analysis	31.10.2022	04.11.2022	NITTTR, CHD	NEP-8	SS	National
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## 3. Entrepreneurship Development & Industrial Coordination

58.	ED -7	Emerging Trends	Strengthening Industry Academia Integration	10.10.2022	14.10.2022	GPC, Jammu	NEP-4	HVS/ADS	J&K
59.	ED -8	Emerging Trends	Motivation, Team Building and Creativity in Entrepreneurship	17.10.2022	21.10.2022	GP, Panchkula	NEP-9	SKD	HRY
60.	ED -9	Emerging Trends	Skill development for employability	31.10.2022	4.11.2022	GWPC, Jaipur	NEP-7	NB	RAJ

## 4. Electrical Engineering Department

61.	EE-1	Skill	E-learning using Open Source Software/Tools	10.10.2022	14.10.2022	NITTTR, CHD	NEP-5	Ashish	National
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## 5. Education & Educational Management

62.	EEM-8	Research Oriented	Action Research for improving Quality of Technical Education System	03.10.2022	07.10.2022	NITTTR, CHD	NEP-6	SD	National
63.	EEM-9	Edu. Mgmt	Happiness and Emotional Wellbeing	10.10.2022	14.10.2022	NITTTR, CHD	NEP-11	PKS	Northern
64.	EEM-10	Edu. Paedagogy	Student-centred Instructional Strategies	17.10.2022	21.10.2022	NITTTR, CHD	NEP-1	AK	Northern

## 6. Mechanical Engineering Department

65.	ME-10	Research	Engineering Optimization using MATLAB	31.10.2022	04.11.2022	NITTTR, CHD	NEP-8	SSD / BSP	National
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## 7. Rural Development Department

66.	RD-3	Advanced	Micro and Small Rural Incubation in Technical Institutions	10.10.2022	14.10.2022	NITTTR, CHD	NEP-7	HKV	National
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**November 2022**

## 1. Civil Engineering Department

67.	CE-15	Advanced	Application of Auto CAD in Engineering	14.11.2022	18.11.2022	NITTTR, CHD	NEP-10	VKS	National
68.	CE-16	Skill Oriented	Mapping by Total Station	14.11.2022	18.11.2022	NITTTR, CHD	NEP-7	HS	National

Sr. No.	O.Plan No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
69.	CE-17	Skill / Industry	Latest Analysis and Design Trends for Civil Engineering Structures	14.11.2022	18.11.2022	NITTTR, CHD	NEP-10	HG	National
70.	CE-18	Interdisciplinary/General	Energy Efficient and Innovative Building Construction Practices	21.11.2022	25.11.2022	NITTTR, CHD	NEP-2	SKS / AG	National

## 2. Computer Science & Engineering Department

71.	CSE-9	Research Oriented	Cryptography and Network Security	14.11.2022	18.11.2022	NITTTR CHD	NEP-8	CRK/ AS	National
72.	CSE-10	Research oriented	Machine Learning using Python	21.11.2022	25.11.2022	NITTTR, CHD	NEP-2	MK	National
73.	CSE-11	General	Linux Applications in Engineering Education	28.11.2022	02.12.2022	NITTTR CHD	NEP-8	AD	National

## 3. Curriculum Development Centre

74.	CDC-7	Pedagogy	Curriculum Development Processes	14.11.2022	18.11.2022	NITTTR CHD	NEP-7	SKG	National
75.	CDC-8	Advance Level	Developing Academic and Administrative Leadership	21.11.2022	25.11.2022	NITTTR CHD	NEP-9	MS	National

## 4. Electronics & Communication Engineering Dept.

76.	ECE-2	General	Free ICT Tool for Effective Research	14.11.2022	18.11.2022	NITTTR CHD	NEP-8	BSD	National
77.	ECE-3	General	Antenna Design Technique & Tools	14.11.2022	18.11.2022	NITTTR CHD	NEP-10	GS	National
78.	ECE-4	Research Oriented	Digital filter Design with MATLAB	21.11.2022	25.11.2022	NITTTR CHD	NEP-8	AK	National

## 5. Education & Educational Management

79.	EEM-11	Edu. Mgmt	Human Relations	14.11.2022	18.11.2022	NITTTR, CHD	NEP-3	SD	National
80.	EEM-12	Skill Based	Unnat Bharat Abhiyaan	21.11.2022	25.11.2022	NITTTR, CHD	NEP-11	UNR	National
81.	EEM-13	Edu. Mgmt	Enhancing Performance at Work Place (for Technical & Supporting Staff)	21.11.2022	25.11.2022	NITTTR, CHD	NEP-4	RC	Northern

## 6. Information Management and Emerging Engineering Department

82.	IMEE-3	Research oriented	Digital Signal processing and Image Processing using SciLab	14.11.2022	18.11.2022	NITTTR, CHD	NEP-8	MD	National
83.	IMEE-4	Skill Based	PHP and MYSQL	14.11.2022	18.11.2022	NITTTR, CHD	NEP-5	SG/PB	National

## 7. Mechanical Engineering Department

Sr. No.	O.Plan No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
84.	ME-11	Advanced	Advanced Auto CAD	07.11.2022	11.11.2022	NITTTR, CHD	NEP-2	SJ	National
85.	ME-12	Advanced	CAD/CAM	14.11.2022	18.11.2022	NITTTR, CHD	NEP-2	PSR	National
86.	ME-13	Advanced	Production Management	21.11.2022	25.01.22	NITTTR, CHD	NEP-2	SSB	National
87.	ME-14	Research	Modelling & Simulation using MATLAB	28.11.2022	02.12.2022	NITTTR, CHD	NEP-8	SSD	Northern

## 8. Media Engineering Department

88.	MED-3	Advanced	Selection of Camera shots and editing for quality video production	21.11.2022	25.11.2022	NITTTR, CHD	NEP-5	RKW	National
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## 9. Rural Development Department

89.	RD-4	Research oriented	Technical Institution Capacity Enhancement through Rural Product Development	14.11.2022	18.11.2022	NITTTR CHD	NEP-9	HKV	National
90.	RD-5	Research oriented	Energy Management and Sustainable Development	21.11.2022	25.11.2022	NITTTR CHD	NEP-8	PS	National

## December 2022

## 1. Applied Science Department

91.	AS-1	Skill	Newer Experiments in Applied Physics	05.12.2022	09.12.2022	NITTTR, CHD	NEP-5	PS/BCC /AK	National
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## 2. Civil Engineering Department

92.	CE-19	Advanced	Affordable Housing in Disaster Prone Areas	12.12.2022	16.12.2022	NITTTR, CHD	NEP-2	SKS/ AG	National
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## 3. Curriculum Development Centre

93.	CDC-9	Pedagogy	NSQF Aligned Curriculum Design and Implementation	05.12.2022	09.12.2022	NITTTR CHD	NEP-7	SKG	National
94.	CDC-10	Pedagogy	Effective Curriculum Implementation	12.12.2022	16.12.2022	NITTTR CHD	NEP-7	ABG	National

## 4. Electronics & Communication Engineering Dept.

95.	ECE-5	Research	Deep Neural Networks and Applications	12.12.2022	16.12.2022	NITTTR, CHD	NEP-8	MS	National
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## 5. Entrepreneurship Development & Industrial Coordination

96.	ED-10	Industry Supported	DST Sponsored FDP on entrepreneurship development in Technical education (subject to sponsorship)	05.12.2022	16.12.2022	NITTTR, CHD	NEP-10	NB/ SKD	National
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Sr. No.	O.Plan No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
<b>6. Education &amp; Educational Management</b>									
97.	EEM-14	Edu. Pedagogy	Digital Transformation of Teaching	05.12.2022	09.12.2022	NITTTR, CHD	NEP-1	AK	Northern
98.	EEM-15	Edu. Mgmt	Team Building, Motivation & Creativity	12.12.2022	16.12.2022	NITTTR, CHD	NEP-3	SD	Northern
99.	EEM-16	Skill Based	Rural Architecture and Rural Tourism	12.12.2022	16.12.2022	NITTTR, CHD	NEP-5	UNR	Northern
100.	EEM-17	Edu. Mgmt	Inter-personal Skills and Relationship Management	19.12.2022	23.12.2022	NITTTR, CHD	NEP-3	PKS	Northern
<b>7. Information Management and Emerging Engineering Department</b>									
101.	IMEE-5	General	Cyber Security	19.12.2022	23.12.2022	NITTTR, CHD	NEP-5	MD	National
<b>8. Mechanical Engineering Department</b>									
102.	ME-15	General/Skill	Mechanical Measurements & Control	12.12.2022	16.12.2022	NITTTR, CHD	NEP-10	SJ	National
103.	ME-16	Research	3D and 4D Printing Applications	19.12.2022	23.12.2022	NITTTR, CHD	NEP-2	RS	National
104.	ME-17	Research	Modelling & Simulation using MATLAB	26.12.2022	30.12.2022	NITTTR, CHD	NEP-8	SSD	Northern
<b>9. Media Engineering Department</b>									
105.	MED-4	General	Management Skills for Professional Teacher Excellence	12.12.2022	16.12.2022	NITTTR, CHD	NEP-6	RKW	National
<b>January 2023</b>									
<b>1. Applied Science Department</b>									
106.	AS-2	Skill	Laboratory Practice in Applied Physics	30.01.2023	03.02.2023	NITTTR, CHD	NEP-7	AK/PS/BCC	National
<b>2. Civil Engineering Department</b>									
107.	CE-20	Skill Oriented	Lab Practices in Highway Engineering	16.01.2023	20.01.2023	NITTTR, CHD	NEP-7	AKD	National
108.	CE-21	Advanced	Innovative Technologies for Village Development	16.01.2023	20.01.2023	NITTTR, CHD	NEP-11	AG	National
<b>3. Computer Science &amp; Engineering Department</b>									
109.	CSE-12	Research Oriented	Computer Programming using Python	16.01.2023	20.01.2023	NITTTR, CHD	NEP-10	SS	National
110.	CSE-13	Research Oriented	Cloud Computing: A Hands on Approach with AWS Cloud	30.01.2023	03.02.2023	NITTTR, CHD	NEP-10	MK	National

Sr. No.	O.Plan No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
<b>4. Curriculum Development Centre</b>									
111.	CDC-11	Skill Oriented	Curriculum Design for Developing Job related Competencies	09.01.2023	13.01.2023	NITTTR CHD	NEP-7	MS	National
112.	CDC-12	Skill Oriented	Free & Open Source Softwares for Effective Curriculum	16.01.2023	20.01.2023	NITTTR CHD	NEP-7	RM	National
<b>5. Electrical Engineering Dept.</b>									
113.	EE-2	Skill Oriented	Laboratory Practices in Electric Machines and their Control	16.01.2023	20.01.2023	NITTTR, CHD	NEP-7	RT/ AN	National
114.	EE-3	Skill Oriented	Hands on Experiences on Arduino	30.01.2023	03.02.2023	NITTTR CHD	NEP-10	Ashish	National
115.	EE-4	Skill Oriented	Advanced IoT Applications using Arduino (Two Weeks)	30.01.2023	10.02.2023	NITTTR CHD	NEP-10	RT/ Ashish	National
<b>6. Electronics &amp; Communication Engineering Dept.</b>									
116.	ECE-6	Research	Emerging Research Areas in Wireless Communication	09.01.2023	13.01.2023	NITTTR, CHD	NEP-2	GS	National
117.	ECE-7	General	Technology Enabled Teaching-Learning	16.01.2023	20.01.2023	NITTTR, CHD	NEP-1	BSD	National
118.	ECE-8	Advanced	Embedded Modelling systems	16.01.2023	20.01.2023	NITTTR, CHD	NEP-2	KS	National
<b>7. Entrepreneurship Development &amp; Industrial Coordination</b>									
119.	ED-11	Emerging Skill	Entrepreneurship Promotion - Road Ahead	30.01.2023	03.02.2023	GP, Kangra	NEP-5	NB/ ADS	H.P.
<b>8. Education &amp; Educational Management</b>									
120.	EEM-18	Edu.Mgmt	Project Planning & Management	16.01.2023	20.01.2023	NITTTR, CHD	NEP-9	SD	Northern
121.	EEM-19	Skill Based	Institutional Management and Quality Technical Education	16.01.2023	20.01.2023	NITTTR, CHD	NEP-9	UNR	Northern
122.	EEM-20	Research Oriented	Research Methodology	16.01.2023	27.01.2023	NITTTR, CHD	NEP-8	AK	National
<b>9. Mechanical Engineering Department</b>									
123.	ME-18	Research	Advance Material Processing and Characterization	09.01.2023	13.01.2023	NITTTR, CHD	NEP-8	RS	National
124.	ME-19	Advanced	Industry 4.0	16.01.2023	20.01.2023	NITTTR, CHD	NEP-7	BSP / SSD	National
125.	ME-20	Advanced	Green Manufacturing	31.01.2023	02.02.2023	NITTTR, CHD	NEP-2	SJ	Northern



Sr. No.	O.Plan No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
<b>10. Media Engineering Department</b>									
126.	MED-5	Advanced	Enhancing video production skills for MOOCs development	16.01.2023	20.01.2023	NITTTR, CHD	NEP-5	RKW	National
<b>February 2023</b>									
<b>1. Civil Engineering Department</b>									
127.	CE-22	Skill Oriented	Laboratory Practices in Civil Engineering	20.02.2023	24.02.2023	NITTTR, CHD	NEP-7	VKS	National
<b>2. Computer Science &amp; Engineering Department</b>									
128.	CSE-14	Research Oriented	Data Science using Python	06.02.2023	10.02.2023	NITTTR, CHD	NEP-2	SS	National
129.	CSE-15	Industry Oriented	Block chain Technology	13.02.2023	17.02.2023	NITTTR, CHD	NEP-2	CRK/AS	National
130.	CSE-16	General	Internet of Things	20.02.2023	24.02.2023	NITTTR, CHD	NEP-2	MK	National
131.	CSE-17	Research Oriented	Deep Learning	27.02.2023	03.03.2023	NITTTR, CHD	NEP-2	AD	National
<b>3. Curriculum Development Centre</b>									
132.	CDC-13	Pedagogy	Curriculum Design & Evaluation	06.02.2023	10.02.2023	NITTTR, CHD	NEP-9	ABG	National
133.	CDC-14	Pedagogy	Outcome Based Curriculum Design	13.02.2023	17.02.2023	NITTTR, CHD	NEP-7	MS	National
134.	CDC-15	Industry Supported	Planning, Execution and Evaluation of Project Work	20.02.2023	24.02.2023	NITTTR, CHD	NEP-7	SKG	National
<b>4. Electronics &amp; Communication Engineering Department</b>									
135.	ECE-9	Advanced	Antenna Design and Fabrication using Additive Manufacturing Techniques	13.02.2023	17.02.2023	NITTTR, CHD	NEP-8	BSD	National
136.	ECE-10	Advanced	Soft Computing Techniques	06.02.2023	17.02.2023	NITTTR, CHD	NEP-2	AK	National
137.	ECE-11	Advanced	Latest Technologies in Embedded Systems	20.02.2023	24.02.2023	NITTTR, CHD	NEP-2	KS	National
138.	ECE-12	General	Devices and Circuits for IOT Applications	20.02.2023	24.02.2023	NITTTR, CHD	NEP-5	BR	National
<b>5. Entrepreneurship Development &amp; Industrial Coordination</b>									
139.	ED-12	Emerging Skills	Entrepreneurial Motivation, Guidance and Counselling	13.02.2023	17.02.2023	GWP, Bharatpur	NEP-9	ADS	RAJ
140.	ED-13	Emerging Trends	Government's Initiative for Entrepreneurship Promotion	27.02.2023	03.03.2023	GP, Khunimajra	NEP-2	NB	Punjab

Sr. No.	O.Plan No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
<b>6. Electrical Engineering Department</b>									
141.	EE-5	Skill Oriented	Implementation of IoT using Arduino	06.02.2023	10.02.2023	NITTTR, CHD	NEP-4	RT	National
<b>7. Education &amp; Educational Management Department</b>									
142.	EEM-21	Edu.Mgmt	Managing Your Ego and Emotions at Workplace	13.02.2023	17.02.2023	NITTTR, CHD	NEP-6	SD	Northern
143.	EEM-22	Advanced Level	Sustainable Fashion	13.02.2023	17.02.2023	NITTTR, CHD	NEP-2	RC	Northern
144.	EEM-23	Skill Based	Corporate Social Responsibility for Community Development	13.02.2023	17.02.2023	NITTTR, CHD	NEP-11	UNR	Northern
145.	EEM-24	Edu.Mgmt	Personality Development	20.02.2023	24.02.2023	NITTTR, CHD	NEP-3	PKS	Northern
146.	EEM-25	Edu Pedagogy	Blended Learning and Flipped Classroom	27.02.2023	03.03.2023	NITTTR, CHD	NEP-1	SD/AK	Northern
<b>8. Information Management and Emerging Engineering Department</b>									
147.	IMEE-6	Skill Based	Development of Responsive Website	20.02.2023	24.02.2023	NITTTR, CHD	NEP-5	SG/PB	National
<b>9. Mechanical Engineering Department</b>									
148.	ME-21	Research	Material Processing Technologies	06.02.2023	10.02.2023	NITTTR, CHD	NEP-8	RS	National
149.	ME-22	Industry	CNC Machines: Operation & Programming.	20.02.2023	24.02.2023	NITTTR, CHD	NEP-7	BSP	Northern
150.	ME-23	Advanced	Recent Trends in Automobile Technology	27.02.2023	03.03.2023	NITTTR, CHD	NEP-2	SSD / SSB	National
<b>10. Media Engineering Department</b>									
151.	MED-6	General	Managing Tough times through Strategic Management & SWOT Analysis	20.02.2023	24.02.2023	NITTTR, CHD	NEP-6	RKW	National
<b>11. Rural Development Department</b>									
152.	RD-6	Emerging area	Pollution Mitigation and Natural Resources Conservation for Sustainable Development	06.02.2023	10.02.2023	NITTTR CHD	NEP_2	PS	National
153.	RD-7	Skill Oriented	Rural Development Employability Schemes	20.02.2023	24.02.2023	NITTTR CHD	NEP-11	HKV	National
March 2023									
<b>1. Applied Science Department</b>									

Sr. No.	O.Plan No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
154.	AS-3	Skill	Fibre Optic Test and Measurements	13.03.2023	17.03.2023	NITTTR, CHD	NEP-7	BCC	National
<b>2. Civil Engineering Department</b>									
155.	CE-23	Skill Oriented	Laboratory Practices in Soil Engineering	20.03.2023	24.03.2023	NITTTR, CHD	NEP-7	VKS	National
<b>3. Computer Science &amp; Engineering Department</b>									
156.	CSE-18	Industry Supported	Mobile Application Development using Android	20.03.2023	24.03.2023	NITTTR CHD	NEP-7	CRK/ AS/RK	National
<b>4. Curriculum Development Centre</b>									
157.	CDC-16	Advance Level	Developing Healthy Work Culture	13.03.2023	17.03.2023	NITTTR CHD	NEP-9	SKG	National
158.	CDC-17	Industry Supported	Development of Automation Competencies	27.03.2023	31.03.2023	NITTTR CHD	NEP-7	RM	National
<b>5. Electrical Engineering Department</b>									
159.	EE-6	Skill	Laboratory Practices on Power Electronic Circuits	20.03.2023	24.03.2023	NITTTR, CHD	NEP-7	SSL/ GM	National
<b>6. Entrepreneurship Development &amp; Coordination Department</b>									
160.	ED - 14	Pedagogical Program	Design Thinking - Concept, Principles and Process	06.03.2023	10.03.2023	IKGPTU, Jalandhar	NEP-9	ADS/ HVS	Punjab
<b>7. Education and Educational Management Department</b>									
161.	EEM-26	Edu Pedagogy	Online Learning and Online Evaluation	20.03.2023	24.03.2023	NITTTR, CHD	NEP-1	AK	National
162.	EEM-27	Edu Pedagogy	Soft Skills & Classroom Teaching	20.03.2023	24.03.2023	NITTTR, CHD	NEP-1	RC	National
163.	EEM-28	Edu Pedagogy	Guidance, Counselling & Mentoring Skills	27.03.2023	31.03.2023	NITTTR, CHD	NEP-3	PKS	Northern
<b>8. Mechanical Engineering Department</b>									
164.	ME-24	Advanced	Advances in Manufacturing	20.03.2023	24.03.2023	NITTTR, CHD	NEP-2	SJ	National
<b>9. Media Engineering Department</b>									
165.	MED-7	Skill Oriented	Creative Image & Video Editing techniques	13.03.2023	17.03.2023	NITTTR, CHD	NEP-5	RKW	National

### *Additional Courses*

[illegible]

# ICT MODE

## 1.2 SHORT TERM PROGRAMMES

### B. [ICT MODE (Through Google Meet/WebEx)]

Sr. No.	O.Plan No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
April 2022									
<b>1. Applied Science Department</b>									
1.	ICT-1	General	Nanotechnology enabled wireless communication and IOT (In Collaboration with GGU Bilaspur)	11.04.2022	15.04.2022	NITTTR, CHD	NEP-2	AK/ PS	National
2.	ICT-2	General	Refresher Course in Engineering Materials Science	18.04.2022	29.04.2022	NITTTR, CHD	NEP-4	PS/AK/ BCC	National
<b>2. Civil Engineering Department</b>									
3.	ICT-3	Industry/ Interdisciplinary	Green Buildings and materials for Sustainable Development	18.04.2022	22.04.2022	NITTTR, CHD	NEP-10	HG/ SKS	National
4.	ICT-4	Industry	Defect free Construction Repair and Maintenance	25.04.2022	29.04.2022	NITTTR, CHD	NEP-10	SKS/ AG	National
<b>3. Computer Science &amp; Engineering Department</b>									
5.	ICT-5	Research Based	Data Analytics using Python	18.04.2022	22.04.2022	NITTTR CHD	NEP-8	AD	National
6.	ICT-6	Skill Based	2D & 3D Graphic Designing using open source tools	25.04.2022	29.04.2022	NITTTR CHD	NEP-5	SS	National
<b>4. Curriculum Development Centre</b>									
7.	ICT-7	Pedagogy	Curriculum Development Processes	25.04.2022	29.04.2022	NITTTR CHD	NEP-7	SKG	National
<b>5. Electrical Engineering Department</b>									
8.	ICT-8	Research Oriented	Smart Grid Technologies	04.04.2022	08.04.2022	NITTTR CHD	NEP-8	RT	National
9.	ICT-9	Research Oriented	Renewable and Clean Energy	18.04.2022	22.04.2022	NITTTR CHD	NEP-8	PV/ BR	National
10.	ICT-10	Skill Oriented	Basics of Hardware in Loop Simulation	02.05.2022	06.05.2022	NITTTR CHD	NEP-7	SSL	National

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Sr. No.	O.Plan No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
24.	ICT-24	Emerging Area	Technology Pathways for Decarbonization	04.04.2022	08.04.2022	NITTTR, CHD	NEP-2	PS	National
25.	ICT-25	Emerging Area	Role of Technical Institutions in Rural Infrastructure Development	18.04.2022	22.04.2022	NITTTR, CHD	NEP-4	HKV	National
26.	ICT-26	Emerging Area	Emerging Research and Innovation Areas for Sustainable Development	25.04.2022	29.04.2022	NITTTR, CHD	NEP-2	PS	National

## May 2022

### 1. Applied Science Department

27.	ICT-27	General	Nuclear Energy & Power Options	09.05.2022	13.05.2022	NITTTR, CHD	NEP-4	BCC	National
28.	ICT-28	Advance	Mathematical Techniques for Solving Engineering Problems	09.05.2022	13.05.2022	NITTTR, CHD	NEP-2	KCL	National
29.	ICT-29	Advance	Spectroscopic Techniques & Instrumentation	23.05.2022	27.05.2022	NITTTR, CHD	NEP-2	AK/PS	National
30.	ICT-30	General	Optical Communication Technologies – Wired and Wireless	30.05.2022	03.06.2022	NITTTR, CHD	NEP-4	BCC/BR	National

### 2. Civil Engineering Department

31.	ICT-31	Advanced	Sustainable Environmental Management	09.05.2022	13.05.2022	NITTTR, CHD	NEP-2	SKS/HG	National
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### 3. Computer Science & Engineering Department

32.	ICT-32	Skill Oriented	Cryptography for Information Security	09.05.2022	13.05.2022	NITTTR CHD	NEP-7	CRK/RK	National
33.	ICT-33	General	Cloud, Fog and Edge Computing	23.05.2022	27.05.2022	NITTTR CHD	NEP-8	MK	National
34.	ICT-34	Research Oriented	MATLAB for Engineering Applications	30.05.2022	03.06.2022	NITTTR CHD	NEP-8	AD	National

### 4. Curriculum Development Centre

35.	ICT-35	Advance Level	NEP 2020 Implementation in Higher Education Institutes	09.05.2022	13.05.2022	NITTTR CHD	NEP-4	MS	National
36.	ICT-36	Skill Oriented	Computer Aided Design Practices	23.05.2022	27.05.2022	NITTTR CHD	NEP-7	RM	National

### 5. Electrical Engineering Department

Sr. No.	O.Plan No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
37.	ICT-37	Research Oriented	Integration, Control and Operation of Distributed Generation	09.05.2022	13.05.2022	NITTTR CHD	NEP-8	RT	National
38.	ICT-38	Research Oriented	Image Processing Techniques and its Applications	23.05.2022	27.05.2022	NITTTR CHD	NEP-8	PV/ BR	National
39.	ICT-39	Research	Tools for Engineering Research	23.05.2022	27.05.2022	NITTTR, CHD	NEP-8	SSL	National
40.	ICT-40	Research Oriented	MATLAB and Simulink for Beginners	30.05.2022	03.06.2022	NITTTR CHD	NEP-8	LM	National
<b>6. Electronics &amp; Communication Engineering Department</b>									
41.	ICT-41	Research Oriented	VLSI Physical Design	09.05.2022	13.05.2022	NITTTR, CHD	NEP-8	SSG/BR	National
42.	ICT-42	General	Basic MATLAB Programming	09.05.2022	13.05.2022	NITTTR, CHD	NEP-4	AK	National
43.	ICT-43	Advanced	5G Communication & its Application	23.05.2022	27.05.2022	NITTTR, CHD	NEP-1	GS	National
44.	ICT-44	General	OBE and NBA Accreditation	23.05.2022	27.05.2022	NITTTR, CHD	NEP-3	BSD/SSG	National
45.	ICT-45	Skill	Digital and Embedded Systems	23.05.2022	27.05.2022	NITTTR, CHD	NEP-7	KS	National
<b>7. Entrepreneurship Development &amp; Coordination Department</b>									
46.	ICT-46	Emerging Trends	Social Entrepreneurship - Incubation, Promotion and Management	23.05.2022	27.05.2022	NITTTR, CHD	NEP-4	ADS/SKD	National
<b>8. Education &amp; Educational Management Department</b>									
47.	ICT-47	Research Oriented	Research Methodology	09.05.2022	13.05.2022	NITTTR, CHD	NEP-8	AK	National
48.	ICT-48	Edu.Mgmt	Personality Development	09.05.2022	13.05.2022	NITTTR, CHD	NEP-3	PKS	National
49.	ICT-49	Edu.Mgmt	Communicating at Work	23.05.2022	27.05.2022	NITTTR, CHD	NEP-3	SD	National
50.	ICT-50	Skill Based	Integrated Village Development	23.05.2022	27.05.2022	NITTTR, CHD	NEP-11	UNR	National
<b>9. Information Management and Emerging Engineering Department</b>									
51.	ICT-51	General	Cyber Crime and Forensic Tools	23.05.2022	27.05.2022	NITTTR CHD	NEP-2	MD	National
<b>10. Mechanical Engineering Department</b>									

Sr. No.	O.Plan No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
52.	ICT-52	Advanced	Additive Manufacturing	09.05.2022	13.05.2022	NITTTR CHD	NEP-8	PSR	National
53.	ICT-53	Advanced	Mechatronics	23.05.2022	27.05.2022	NITTTR CHD	NEP-8	SSD	National
54.	ICT-54	Advanced	Hybrid Machining	30.05.2022	03.06.2022	NITTTR CHD	NEP-8	PSR	National

### 11. Media Engineering Department

55.	ICT-55	Skill Oriented	Making of a video Programme : start to finish	23.05.2022	27.05.2022	NITTTR, CHD	NEP-5	RKW	National
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### 12. Rural Development Department

56.	ICT-56	Skills Based	Self Help Group Development through Technical Interventions	09.05.2022	13.05.2022	NITTTR, CHD	NEP-11	HKV	National
57.	ICT-57	Emerging Areas	Atma Nirbhar Bharat - Challenges and Opportunities	23.05.2022	27.05.2022	NITTTR, CHD	NEP-11	PS	National

## June 2022

### 1. Applied Science Department

58.	ICT-58	Advance	MATHEMATICA For Engineering and Science Teachers	06.06.2022	10.06.2022	NITTTR, CHD	NEP-2	KCL	National
59.	ICT-59	General	Nanotechnology for electronic and photonic devices (In Collaboration with NIT Puducherry)	06.06.2022	10.06.2022	NITTTR, CHD	NEP-2	PS/AK	National
60.	ICT-60	Advance	Refresher Course in Nanoscience and Nanotechnology	13.06.2022	24.06.2022	NITTTR, CHD	NEP-4	AK/PS/ BCC	National

### 2. Electrical Engineering Department

61.	ICT-61	Skill	Soft Skills and Personality Development	06.06.2022	10.06.2022	NITTTR CHD	NEP-6	PV/ BR	National
62.	ICT-62	Industry Supported	ANSYS-EM Software(in collaboration with ANSYS)	13.06.2022	17.06.2022	NITTTR CHD	NEP-10	LM	National

### 3. Electronics & Communication Engineering Department

63.	ICT-63	Advance	Biomedical Signal and Image Processing	20.06.2022	24.06.2022	NITTTR CHD	NEP-8	MS	National
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### 4. Entrepreneurship Development & Coordination Department

Sr. No.	O.Plan No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
64.	ICT-64	Emerging Area	Business Startups and Innovation Management	06.06.2022	10.06.2022	NITTTR CHD	NEP-2	HVS	H.P.
65.	ICT-65	Industry supported program	Intellectual Property Rights & Patenting in India	13.06.2022	17.06.2022	NITTTR, CHD	NEP-10	NB/ADS	National
<b>5. Education &amp; Educational Management Department</b>									
66.	ICT-66	Edu Pedagogy	Effective Teaching Learning using Social Media	06.06.2022	10.06.2022	NITTTR, CHD	NEP-1	RC	National
67.	ICT-67	Skill Based	New CDTP Guidelines and Sustainable Rural Development	13.06.2022	17.06.2022	NITTTR, CHD	NEP-11	UNR	National
68.	ICT-68	Edu Pedagogy	Classroom Communication in Digital Era	20.06.2022	24.06.2022	NITTTR, CHD	NEP-5	AK	National
<b>6. Information Management and Emerging Engineering Department</b>									
69.	ICT-69	Skill Oriented	Open Source Cyber Security Tools	13.06.2022	17.06.2022	NITTTR CHD	NEP-7	MD	National
<b>7. Mechanical Engineering Department</b>									
70.	ICT-70	Advanced	AutoCAD	06.06.2022	10.06.2022	NITTTR CHD	NEP-2	SJ	National
<b>8. Media Engineering Department</b>									
71.	ICT-71	General	Leadership for Academicians Programme (LEAP)	13.06.2022	17.06.2022	NITTTR, CHD	NEP-9	RKW	National
72.	ICT-72	Skill Oriented	Graphics and Animation for Quality Instructional Material Development	20.06.2022	24.06.2022	NITTTR, CHD	NEP-7	RKW	National
<b>9. Rural Development Department</b>									
73.	ICT-73	R&D	Farmer Producer Organization Business Development Model	06.06.2022	10.06.2022	NITTTR, CHD	NEP-11	HKV	National
<b>July 2022</b>									
<b>1. Applied Science Department</b>									
74.	ICT-74	General	Lasers: Fundamentals and Applications	18.07.2022	22.07.2022	NITTTR, CHD	NEP-4	BCC	National

Sr. No.	O.Plan No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
75.	ICT-75	General	Smart Materials Processing and Applications	25.07.2022	29.07.2022	NITTTR, CHD	NEP-4	PS/AK	National
<b>2. Civil Engineering Department</b>									
76.	ICT-76	Industry	Remote Sensing, GPS and GIS in Civil Engineering	11.07.2022	15.07.2022	NITTTR, CHD	NEP-8	HS	National
<b>3. Computer Science &amp; Engineering Department</b>									
77.	ICT-77	Research Oriented	Machine Learning and Predictive Analysis using Python	11.07.2022	15.07.2022	NITTTR CHD	NEP-8	SS	National
<b>4. Curriculum Development Department</b>									
78.	ICT-78	Advance Level	Accreditation Criteria and Process	25.07.2022	29.07.2022	NITTTR CHD	NEP-4	MS	National
<b>5. Electrical Engineering Department</b>									
79.	ICT-79	Industry supported	Simulation of Smart Electric Vehicles(in collaboration with Typhoon HIL)	18.07.2022	22.07.2022	NITTTR, CHD	NEP-10	LM	National
80.	ICT-80	Skill based	Embedded C Programming of Microcontroller	25.07.2022	29.07.2022	NITTTR, CHD	NEP-7	RT	National
<b>6. Electronics &amp; Communication Engineering Department</b>									
81.	ICT-81	Advanced	5G & IOT	18.07.2022	22.07.2022	NITTTR, CHD	NEP-2	GS	National
82.	ICT-82	General	Basic Embedded Systems	25.07.2022	29.07.2022	NITTTR, CHD	NEP-4	KS	National
83.	ICT-83	Research	Antenna Design using Soft Computing Algorithms	25.07.2022	29.07.2022	NITTTR, CHD	NEP-8	BSD	National
84.	ICT-84	Research Oriented	Challenges and Opportunities in VLSI Design	25.07.2022	29.07.2022	NITTTR, CHD	NEP-8	SSG/BR	National
85.	ICT-85	Research Oriented	Image Processing using MATLAB	25.07.2022	05.08.2022	NITTTR, CHD	NEP-8	AK	National
<b>7. Education &amp; Educational Management Department</b>									
86.	ICT-86	Edu Pedagogy	Evaluation and Setting of Question Papers	11.07.2022	15.07.2022	NITTTR, CHD	NEP-6	SD	National
87.	ICT-87	Edu.Mgmt	Preparing Students for Job Interviews	18.07.2022	22.07.2022	NITTTR, CHD	NEP-6	PKS	National
88.	ICT-88	Edu.Mgmt	Developing Employable Skills	18.07.2022	22.07.2022	NITTTR, CHD	NEP-6	RC	National

Sr. No.	O.Plan No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
89.	ICT-89	Skill Based	Organic Farming and Organic Food Marketing	25.07.2022	29.07.2022	NITTTR, CHD	NEP-11	UNR	National

## 8. Mechanical Engineering Department

90.	ICT-90	General	Refresher Course in Mechanical Engineering	04.07.2022	15.07.2022	NITTTR CHD	NEP-3	SSD / RS	National
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## 9. Media Engineering Department

91.	ICT-91	General	Sustainable Creativity & Innovation Management in Institutions	11.07.2022	15.07.2022	NITTTR, CHD	NEP-9	RKW	National
92.	ICT-92	General	Digital Tools for Teaching and Learning	25.07.2022	29.07.2022	NITTTR, CHD	NEP-5	RKW	National

## 10. Rural Development Department

93.	ICT-93	Emerging Area	Strengthening Rural Water Supply Management	11.07.2022	15.07.2022	NITTTR, CHD	NEP-11	HKV	National
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## August 2022

## 1. Applied Science Department

94.	ICT-94	General	MATLAB Technique for Solving Engineering Problems	01.08.2022	05.08.2022	NITTTR, CHD	NEP-7	KCL	National
95.	ICT-95	General	Nanosensors & Devices	22.08.2022	26.08.2022	NITTTR, CHD	NEP-4	AK/PS	National
96.	ICT-96	Advance	Nuclear Radiations for Societal Applications	29.08.2022	02.09.2022	NITTTR, CHD	NEP-2	BCC	National

## 2. Civil Engineering Department

97.	ICT-97	Industry	Quality Control of Concrete	22.08.2022	26.08.2022	NITTTR, CHD	NEP-10	HS	National
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## 3. Curriculum Development Department

98.	ICT-98	Pedagogy	Curriculum Design & Evaluation	08.08.2022	12.08.2022	NITTTR CHD	NEP-1	ABG	National
99.	ICT-99	Skill Oriented	Skill Development for Employability	22.08.2022	26.08.2022	NITTTR CHD	NEP-7	RM	National

## 4. Electrical Engineering Department



Sr. No.	O.Plan No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
100.	ICT-100	General	MATLAB and SIMULINK basics for Hardware Projects.	01.08.2022	05.08.2022	NITTTR, CHD	NEP-4	SSL	National
101.	ICT-101	General	Transformation of Technical Education in Digital Mode	01.08.2022	05.08.2022	NITTTR CHD	NEP-1	PV	National
102.	ICT-102	General	LabVIEW Programming	08.08.2022	12.08.2022	NITTTR CHD	NEP-10	LM	National
103.	ICT-103	General	Smart Grid and Renewable Energy Sources	29.08.2022	02.08.2022	NITTTR CHD	NEP-11	LM	National

## 5. Electronics & Communication Engineering Department

104.	ICT-104	Skill	Free Simulators for ECE Lab Practices (Moulde-1)	22.08.2022	26.08.2022	NITTTR, CHD	NEP-7	GS/ BSD	National
105.	ICT-105	Research Oriented	Nanoelectronics Devices and Circuits Design	09.05.2022	13.05.2022	NITTTR, CHD	NEP-8	BR	National
106.	ICT-106	Advanced	Advanced Embedded Systems	29.08.2022	02.09.2022	NITTTR, CHD	NEP-2	KS	National

## 6. Entrepreneurship Development & Coordination Department

107.	ICT-107	Emerging Trends	Enhancing Research Capabilities for Academic Career Progression	01.08.2022	05.08.2022	NITTTR	NEP-8	HVS	National
108.	ICT-108	Emerging Trends	MSME Promotion and Management	22.08.2022	26.08.2022	NITTTR	NEP-2	ADS	National

## 7. Media Engineering Department

109.	ICT-109	General	Faculty Development :A tool for Talent Management in Institutions	01.08.2022	05.08.2022	NITTTR, CHD	NEP-6	RKW	National
110.	ICT-110	Advanced	Protecting yourself over the Web : Tools and Strategies	22.08.2022	26.08.2022	NITTTR, CHD	NEP-5	RKW	National

## 8. Rural Development Department

111.	ICT-111	R&D	Technology Innovations and Employment Generation for Sustainable Rural Development	01.08.2022	05.08.2022	NITTTR, CHD	NEP-11	PS	National
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# September 2022

## 1. Applied Science Department

Sr. No.	O.Plan No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
112.	ICT-112	Advance	Essential Industrial Chemistry for Engineers	05.09.2022	09.09.2022	NITTTR, CHD	NEP-2	PS/AK	National
113.	ICT-113	General	Energy Harvesting & Storage Materials & Devices	12.09.2022	16.09.2022	NITTTR, CHD	NEP-4	AK/PS	National
114.	ICT-114	General	Operation Research for Engineers	19.09.2022	23.09.2022	NITTTR, CHD	NEP-4	KCL	National
115.	ICT-115	General	Nanotechnology: Developments and Challenges	26.09.2022	30.09.2022	NITTTR, CHD/ PU CHD	NEP-2	BCC /RKS	National
<b>2 Computer Science &amp; Engineering Department</b>									
116.	ICT-116	Research Oriented	Wireless Networks	26.09.2022	30.09.2022	NITTTR CHD	NEP-8	CRK /RK	National
<b>3. Curriculum Development Centre</b>									
117.	ICT-117	Pedagogy	Outcome Based Curriculum Design	05.09.2022	09.09.2022	NITTTR CHD	NEP-1	MS	National
118.	ICT-118	Skill Oriented	Effective Conduct of Laboratories and Workshops	12.09.2022	16.09.2022	NITTTR CHD	NEP-7	ABG	National
119.	ICT-119	Pedagogy	NSQF Aligned Curriculum Design and Implementation	19.09.2022	23.09.2022	NITTTR CHD	NEP-1	SKG	National
<b>4. Electrical Engineering Department</b>									
120.	ICT-120	General	Teaching Learning for Accreditation in Technical Education	05.09.2022	09.09.2022	NITTTR CHD	NEP-4	RT/ AN	National
121.	ICT-121	Skill based	Raspberry Pi and its Interfacing	05.09.2022	09.09.2022	NITTTR CHD	NEP-7	RT	National
<b>5. Electronics &amp; Communication Engineering Department</b>									
122.	ICT-122	General	VLSI Devices and Circuits for AI Applications	19.09.2022	23.09.2022	NITTTR, CHD	NEP-8	SSG/ BR	National
123.	ICT-123	Skill	Free simulators for ECE Lab practices (Module-2)	26.09.2022	30.09.2022	NITTTR, CHD	NEP-7	GS/ BSD	National
124.	ICT-124	General	Specifications to System Design	26.09.2022	30.09.2022	NITTTR, CHD	NEP-4	KS	National
<b>6. Entrepreneurship Development &amp; Coordination Department</b>									

Sr. No.	O.Plan No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
125.	ICT-125	Industry Supported Programs	Business and Soft skill Management	19.09.2022	23.09.2022	NITTTR, CHD	NEP-10	SKD	National

## 7. Mechanical Engineering Department

126.	ICT-126	Advanced	CAD using SolidWorks	12.09.2022	16.09.2022	NITTTR CHD	NEP-2	SJ/PSR	National
127.	ICT-127	Advanced	FEA using ANSYS	26.09.2022	30.09.2022	NITTTR CHD	NEP-2	BSP	National

## October 2022

## 1. Applied Science Department

128.	ICT-128	General	2D Nanomaterials: Potential & Applications	17.10.2022	21.10.2022	NITTTR CHD	NEP-2	PS/AK	National
129.	ICT-129	Advance	OFC Systems: Design & Simulation	31.10.2022	04.11.2022	NITTTR CHD	NEP-2	BCC/BR	National

## 2 Computer Science & Engineering Department

130.	ICT-130	Research Oriented	Data Science using Python	10.10.2022	14.10.2022	NITTTR CHD	NEP-8	MK	National
131.	ICT-131	General	Open Source Technologies	17.10.2022	21.10.2022	NITTTR, CHD	NEP-8	AD	National

## 3. Electrical Engineering Department

132.	ICT-132	Research	IoT Enabled PLC	10.10.2022	14.10.2022	NITTTR, CHD	NEP-8	RT	National
133.	ICT-133	Research	Power Electronics for Renewable Energy Applications	31.10.2022	04.11.2022	NITTTR, CHD	NEP-8	SSL	National

## 4. Electronics & Communication Engineering Department

134.	ICT-134	General	Smart Materials and Nanotechnology	17.10.2022	21.10.2022	NITTTR, CHD	NEP-2	BR/PV	National
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## November 2022

## 1. Applied Science Department

Sr. No.	O.Plan No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
135.	ICT-135	General	Refresher Course in Engineering Physics	14.11.2022	25.11.2022	NITTT R, CHD	NEP-4	BCC/ AK/PS	National
<b>2. Curriculum Development Centre</b>									
136.	ICT-136	Pedagogy	Curriculum Development Processes	14.11.2022	18.11.2022	NITTTR CHD	NEP-1	SKG	National
137.	ICT-137	Advance Level	Developing Academic and Administrative Leadership	21.11.2022	25.11.2022	NITTTR CHD	NEP-9	MS	National
<b>3. Electrical Engineering Department</b>									
138.	ICT-138	Research Oriented	Advances in Electrical and Electronics Engineering	14.11.2022	18.11.2022	NITTTR CHD	NEP-8	PV/ BR	National
139.	ICT-139	Research Oriented	MATLAB - Artificial Intelligence and Optimisation Techniques	21.11.2022	25.11.2022	NITTTR CHD	NEP-8	LM	National
140.	ICT-140	Research-oriented	Wellness and Meditation	21.11.2022	25.11.2022	NITTTR CHD	NEP-12	RT/ PKS	National
<b>4. Electronics &amp; Communication Engineering Department</b>									
141.	ICT-141	Research	System Designing with controllers	14.11.2022	18.11.2022	NITTTR, CHD	NEP-8	KS	National
142.	ICT-142	Advanced	Academic Leadership for enhanced outcomes	21.11.2022	25.11.2022	NITTTR, CHD	NEP-4	SSG	National
<b>5. Entrepreneurship Development &amp; Coordination Department</b>									
143.	ICT-143	Emerging Trends	Funding Opportunities in Engineering	14.11.2023	18.11.2023	NITTTR, CHD	NEP-3	NB	National
144.	ICT-144	Emerging Skill Oriented	Creativity, Initiative, and Innovation Promotion & Management	28.11.2022	02.12.2022	NITTTR, CHD	NEP-7	ADS	National
<b>6. Education &amp; Educational Management Department</b>									
145.	ICT-145	Skill	Unnat Bharat Abhiyaan	21.11.2022	25.11.2022	NITTTR, CHD	NEP-11	UNR	National
<b>7. Mechanical Engineering Department</b>									
146.	ICT-146	Advanced	Advanced Auto CAD	07.11.2022	11.11.2022	NITTTR CHD	NEP-7	SJ	National

Sr. No.	O.Plan No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
147.	ICT-147	Advanced	CAD/CAM	14.11.2022	18.11.2022	NITTTR CHD	NEP-7	PSR	National

## 8. Media Engineering Department

148.	ICT-148	General	Managing yourself for enhancing the quality of life	14.11.2022	18.11.2022	NITTTR, CHD	NEP-6	RKW	National
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## December 2022

## 1. Applied Science Department

149.	ICT-149	General	Optimization Techniques with Engineering Application	05.12.2022	09.12.2022	NITTTR, CHD	NEP-7	KCL	National
150.	ICT-150	General	Materials Characterization Techniques	12.12.2022	16.12.2022	NITTTR, CHD	NEP-7	AK/PS/BCC	National

## 2. Curriculum Development Centre

151.	ICT-151	Pedagogy	NSQF Aligned Curriculum Design and Implementation	05.12.2022	09.12.2022	NITTTR CHD	NEP-1	SKG	National
152.	ICT-152	Pedagogy	Effective Curriculum Implementation	12.12.2022	16.12.2022	NITTTR CHD	NEP-1	ABG	National

## 3. Electrical Engineering Department

153.	ICT-153	Research/ Industry Supported	Research Scope in Electric Vehicles (In collaboration with ANSYS)	05.12.2022	09.12.2022	NITTTR, CHD	NEP-8	SSL	National
154.	ICT-154	Skill oriented	Developing Skill in Academic and Administrative Leadership	12.12.2022	16.12.2022	NITTTR CHD	NEP-7	PV	National

## 4. Electronics & Communication Engineering Department

155.	ICT-155	General	IoT and its Applications	05.12.2022	09.12.2022	NITTTR, CHD	NEP-7	BR/PV	National
156.	ICT-156	Advanced	Branding of HEI's for Excellence	19.12.2022	23.12.2022	NITTTR, CHD	NEP-9	SSG	National

## 5. Education & Educational Management Department

157.	ICT-157	Education Mang.	Team Building, Motivation & Creativity	12.12.2022	16.12.2022	NITTTR, CHD	NEP-9	SD	National
158.	ICT-158	Education Mang.	Inter-personal Skills and Relationship Management	19.12.2022	23.12.2022	NITTTR, CHD	NEP-3	PKS	National

Sr. No.	O.Plan No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
January 2023									
<b>1. Applied Science Department</b>									
159.	ICT-159	General	Optical Materials and Devices	16.01.2023	20.01.2023	NITTTR, CHD	NEP-4	PS/AK	National
<b>2. Curriculum Development Centre</b>									
160.	ICT-160	Skill Oriented	Curriculum Design for Developing Job related Competencies	09.01.2023	13.01.2023	NITTTR CHD	NEP-7	MS	National
161.	ICT-161	Skill Oriented	Free & Open Source Softwares for Effective Curriculum	16.01.2023	20.01.2023	NITTTR CHD	NEP-7	RM	National
<b>3. Electrical Engineering Department</b>									
162.	ICT-162	Research Oriented	Power Quality Problems and Solutions	16.01.2023	20.01.2023	NITTTR, CHD	NEP-8	SSL	National
<b>4. Electronics &amp; Communication Engineering Department</b>									
163.	ICT-163	Research oriented	Digital Design and FPGA Implementation	16.01.2023	20.01.2023	NITTTR, CHD	NEP-8	BR	National
<b>5. Entrepreneurship Development &amp; Coordination Department</b>									
164.	ICT-164	Industry Supported programe	Leadership and Management Development	09.01.2023	13.01.2023	NITTTR, CHD	NEP-4	SKD	National
February 2023									
<b>1. Applied Science Department</b>									
165.	ICT-165	Advance	Advances in Laser Technology	06.02.2023	10.02.2023	NITTTR, CHD	NEP-8	BCC	National
166.	ICT-166	Advance	Numerical and Statistical Methods with Engineering Application	21.02.2023	25.02.2023	NITTTR, CHD	NEP-11	KCL	National
<b>2. Civil Engineering Department</b>									

Sr. No.	O.Plan No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
167.	ICT-167	General/ Interdisciplinary	Making Villages Smart	06.02.2023	10.02.2023	NITTTR, CHD	NEP-11	HG	National
168.	ICT-168	Industry	Recycling Materials in Highway Construction	20.02.2023	24.02.2023	NITTTR, CHD	NEP-10	AKD	National
<b>3. Curriculum Development Centre</b>									
169.	ICT-169	Pedagogy	Curriculum Design & Evaluation	06.02.2023	10.02.2023	NITTTR CHD	NEP-1	ABG	National
170.	ICT-170	Pedagogy	Outcome Based Curriculum Design	13.02.2023	17.02.2023	NITTTR CHD	NEP-1	MS	National
171.	ICT-171	Industry Supported	Planning, Execution and Evaluation of Project Work	20.02.2023	24.02.2023	NITTTR CHD	NEP-10	SKG	National
<b>4. Electrical Engineering Department</b>									
172.	ICT-172	Advance	Big Data Applications in Electrical Engineering	20.02.2023	24.02.2023	NITTTR, CHD	NEP-8	SSL	National
<b>5. Electronics &amp; Communication Engineering Department</b>									
173.	ICT-173	Advanced	Applications of AI in Electronics Design	20.02.2023	24.02.2023	NITTTR, CHD	NEP-8	SSG	National
174.	ICT-174	General	Antenna & Wireless Technologies	20.02.2023	24.02.2023	NITTTR, CHD	NEP-8	GS	National
<b>March 2023</b>									
<b>1. Applied Science Department</b>									
175.	ICT-175	General	Applied mathematics for technical teachers	To be Decided	To be Decided		NEP-4	KCL	National
<b>2. Civil Engineering Dept.</b>									
176.	ICT-176	Advanced	Low Cost Housing Techniques and Practices (Cluster)	13.03.2023	17.03.2023	NITTTR, CHD	NEP-2	AG	National
177.	ICT-177	Advance Level	Water Resource Management	13.03.2023	17.03.2023	NITTTR, CHD	NEP-2	HG/ SKS	National
178.	ICT-178	Industry	Evaluation and Rehabilitation of Pavements	20.03.2023	24.03.2023	NITTTR, CHD	NEP-10	AKD	National
<b>3. Curriculum Development Centre</b>									

Sr. No.	O.Plan No.	Category	Name of Programme	Start Date	End Date	Venue	Type of NEP	Coordinator	Beneficiary State
179.	ICT-179	Advance Level	Developing Healthy Work Culture	13.03.2023	17.03.2023	NITTTR CHD	NEP-9	SKG	National
180.	ICT-180	Industry Supported	Development of Automation Competencies	27.03.2023	31.03.2023	NITTTR CHD	NEP-10	RM	National
<b>4. Education &amp; Educational Management Department</b>									
181.	ICT-181	Edu. Pedagogy	Online Learning and Online Evaluation	20.03.2023	24.03.2023	NITTTR, CHD	NEP-5	AK	National
<b>5. Entrepreneurship Development &amp; Coordination Department</b>									
182.	ICT-182		Blue Ocean Strategy for Entrepreneurship Promotion	13.03.2023	17.03.2023	NITTTR, CHD	NEP-11	SKD	National
<b>6. Rural Development Department</b>									
183.	ICT-183	Emerging Area	Rural infrastructure development programs and opportunities	13.03.2023	17.03.2023	NITTTR, CHD	NEP-11	HKV	National



## 1.2 STUDENT TRAINING PROGRAMMES THROUGH ICT-CUM CONTACT MODE

Sr. No.	O.Plan No.	Category	Name of Programme	Start Date	End Date	Venue	Coordinator	Beneficiary State
1.	ST - 1	R&D	Community Development through Technological Intervention and Rural Entrepreneurship	20.06.2022	15.07.2022	NITTTR, CHD	HKV/PS/AG	Northern
2.	ST - 2	Skill oriented	FEA using ANSYS	26.09.2022	30.09.2022	NITTTR, CHD	BSP	National
3.	ST - 3	Skill oriented	3D and 4D Printing & their applications	07.11.2022	11.11.2022	NITTTR, CHD	RS	National
4.	ST - 4	Emerging Trends	Planning, Execution and Evaluation of Project Work through Project Management	17.11.2022	18.11.2022	NITTTR, CHD	HVS	Students
5.	ST - 5	Industry Support	DST sponsored Entrepreneurship Development Programme (subject to sponsorship)	16.01.2023	24.02.2023	NITTTR	HVS/ADS	Students/ Potential entrepreneurs
6.	ST - 6	Skill oriented	Advancements in Automobile Technology	20.02.2023	24.02.2023	NITTTR, CHD	SSB/SSD	National
7.	ST - 7	Skill Oriented	Laboratory Practices on Power Electronic Circuits	As per Request	As per Request	NITTTR, CHD	SSL/GM/AN	National

## 1.3 CONFERENCES/SEMINARS

### International Conference

S.No.	O.Plan No.	Name of Programme	Start Date	End Date	Venue	Coordinator	Beneficiary State
1.	IC -1	International Conference on Clean Technology ECO Materials and Sustainable Manufacturing Practice.	03.11.2022	05.11.2022	NITTTR CHD	CCT&SD (SKS/RKW/HG/AG/PS)	International
2.	IC -2	International Conference on Artificial Intelligence of Things (ICAIoT) - 2023	30-03-2023	31-03-2023	NITTTR CHD	CSE, ECE and EE	International

### National Conference

S.No.	O.Plan No.	Name of Programme	Start Date	End Date	Venue	Coordinator	Beneficiary State
1.	NC-1	8th National Conference on Advances in Manufacturing Technology	23.03.2023	24.03.2023	NITTTR CHD	All faculty M.E	All States

## 1.4 WORKSHOPS

Sr. No.	O.Plan No.	Category	Name of Programme	Start Date	End Date	Venue	Coordinator	Beneficiary State
1.	W - 1	Advanced	Latest Techniques in Water Proofing Applications	25.08.2022	26.08.2022	NITTTR, Chd.	SKS / HG	National
2.	W - 2	Industry Supported	Refresher workshop for Training and Placement officers	06.09.2022	07.09.2022	NITTTR CHD	HVS / NB	Northern Region
3.	W - 3		Intellectual Property rights: Issues & challenges in India	07.10.2022	07.10.2022	NITTTR CHD	SSG/ BSD	National
4.	W - 4	General	Engineering Materials Design and Simulations	19.12.2022	21.12.2022	NITTTR	AK/ BCC/ PS/KCL	National
5.	W - 5	Research	Material Processing and Characterization	22.03.2023	22.03.2023	NITTTR	RS/ SSD/ BSP	All State
6.	W - 6		Curricula workshops for designing of NSQF aligned Diploma Programme for the state of Haryana	As per scheduled	(Approx. 35)	NITTTR CHD	CDC Faculty	Haryana
7.	W - 7		Curricula workshops for designing of NSQF aligned Diploma Programme for the state of Punjab	As per scheduled	(Approx. 45)	NITTTR CHD	CDC Faculty	Punjab
8.	W - 8	Pedagogy	Training of Trainers Workshop on 'Student Evaluation & Paper Setting'	To decide later on	To decide later on	To be decided later on	SD/AK	Haryana
9.	W - 9	Pedagogy	Training of Trainers Workshop on 'Student Evaluation & Paper Setting'	To decide later on	To decide later on	To be decided later on	AK/SD	Haryana
10.	W - 10	Pedagogy	Training of Trainers Workshop on 'Student Evaluation & Paper Setting'	To decide later on	To decide later on	To be decided later on	AK/SD	Punjab
11.	W - 11	Pedagogy	Training of Trainers Workshop on 'Student Evaluation & Paper Setting'	To decide later on	To decide later on	To be decided later on	SD/AK	Himachal Pradesh

## 2.0 CURRICULUM DEVELOPMENT

### 2.1 CURRICULUM DESIGN

Sr.No.	Oplan No.	Programme Title	Coordinator	Dept.
1.	CD - 1	NSQF aligned curriculum design of 21 diploma programme for Punjab State	CDC Faculty	CDC
2.	CD - 2	NSQF aligned curriculum design of 28 diploma programme for Haryana State	CDC Faculty	CDC
3.	CD - 3	M.E. Mechanical Engineering (Manufacturing Technology)	SSD/RS	MECH
4.	CD - 4	M.E. Mechanical Engineering (Robotics)	SSD/RS	MECH

### 3.0 INSTRUCTIONAL MATERIAL DEVELOPMENT

#### 3.1 Print Material

Sr. No.	Oplan No.	Programme Title	Coordinator	Dept.
<b>Readers</b>				
1.	R - 1	Worksheets: Applied Physics Experiments - 03	BCC/PS/AK	APP SC.
2.	R - 2	Worksheets: Experiments with LINGO - 01	KCL	APP SC.
3.	R - 3	Advance level teaching material – in terms of Book Chapter to be published by the reputed publisher - 01	PS	APP SC.
4.	R - 4	Advance level teaching material – in terms of Book Chapter to be published by the reputed publisher - 01	AK	APP SC.
5.	R - 5	Reader- Artificial Intelligence in Civil Engineering	HG	CIVIL
6.	R - 6	Readers-Revision and Reprinting Improvement of foundation Soils <ul style="list-style-type: none"> <li>• Pre-Fabricated Construction</li> <li>• Bearing Capacity of Shallow Foundations</li> <li>• Composite Materials</li> </ul>	AKD	CIVIL
7.	R - 7	Reader in Construction Management	VKS	CIVIL
8.	R - 8	e-learning web based module on Design of RCC Structures - Content updation	SKS/HG	CIVIL
9.	R - 9	Operational Manual / Guidelines on Launching and Managing a Business Start-up	HVS/ADS/SKD	EDIC
10.	R - 10	Robot Modelling & Simulation	SSD/BSP	MECH
11.	R - 11	Material Testing	RS/SSB	MECH
12.	R - 12	Strategic Development of Self Help Group	HKV/PS	RD
<b>Modules</b>				
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
<b>Laboratory Manuals</b>				
1.	LM - 1	RCC Beams Reinforcement Design using ABAQUS	HG	CIVIL
2.	LM - 2	IoT Implementation using Arduino and ESP8266	RT/GM	ELECT
3.	LM - 3	Implementation of IoT using Raspberry Pi	RT/AN	ELECT

#### 3.2 Massive Open Online Courses (MOOCs)

Sr. No.	Oplan No.	Programme Title	Coordinator	Dept.
1.	MO - 1	Clean Technologies and Sustainable Development	SS/ PS	CIVIL/ RURAL
2.	MO - 2	Academic Audit	MS/BSD	CDC/ ECE

Sr. No.	Oplan No.	Programme Title	Coordinator	Dept.
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 & Programming	SSD/BSP	MECH
9.	MO - 9	Academic Audit	RKW	MEDIA
10.	MO-10	HM-04 on Virtual Education (AICTE Higher Module)	KGS/MD	IMEE
11.	MO-11	Instructional Planning	KGS	IMEE
12.	MO-12	Academic Leadership	SSG/ HVS	ECE/ EDIC
13.	MO-13	Group Dynamics	HVS/ HKV	EDIC/ Rural

### 3.3 Non Print Material

*Video Films on MOOCs format*

Sr. No.	Oplan 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

## 4.0 RESEARCH AND DEVELOPMENT

### 4.1 Ph.D Work

Sr. No.	Oplan 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

Sr. No.	Oplan No.	Programme Title	Guide	Dept.
4.	RS – 4	Ph.D Thesis Work	RM	CDC/ECE
5.	RS – 5	Ph.D Thesis Work	SKG	CDC/CIVIL
6.	RS – 6	Ph.D Thesis Work	MS	CDC/ECE
7.	RS – 7	Ph.D Thesis Work	All Faculty	ELECT
8.	RS – 8	Ph.D Thesis Work	All Faculty	ECE
9.	RS – 9	Topic: ‘Green IT’ Orientation of IT enabled Services Sector: An Appraisal of Indian Firms; Scholar: Er. Amardev Singh, Reg. No. 951013009 , LMTSM, Thapar University	HVS	EDIC
10.	RS – 10	Ph. D. Thesis Work	All Faculty	EMGT
11.	RS – 11	Ph. D. Thesis Work	All Faculty	MECH.
12.	RS – 12	Industry Sponsored Research Work (Project / Ph.D. /M.E.)	SSD/RS	MECH.
13.	RS - 13	Ph. D. Thesis Work	All Faculty	IMEE

#### 4.2 M.E. Thesis:

Sr. No	O Plan Code	Programme Title	Coordinator	Dept.
1.	RS – 14	Civil Engineering	All Faculty	CIVIL
2.	RS – 15	Computer Science and engineering	All Faculty	CSE/IMEE
3.	RS – 16	Electronics and Communication Engineering	RM	CDC/ECE
4.	RS – 17	Civil Engineering	SKG	CDC/CIVIL
5.	RS – 18	Electronics and Communication Engineering	MS	CDC/ECE
6.	RS – 19	Electrical Engineering	All Faculty	ELECT
7.	RS – 20	Electronics & Communication Engineering	All Faculty	ECE
8.	RS - 21	M.E. Thesis / Project Work	All Faculty	MECH.

#### 4.3 Research Projects:

Sr. No	O Plan Code	Programme Title	Coordinator	Dept.
		<b>(a) Engineering and Technology area:</b>		
1.	RS –22	RF characterization for primary stability of dental implants	RS/BSP	MECH.
		<b>Action Research</b>		
		Study on use of 3D printing for inter disciplinary research	RS/BSP	MECH.
		Development of IoT-enabled Electrical and Electronic Appliances Control System	All Faculty	CSE
		Assessing Impact of Waste Segregation at Source for Effective Waste Management	HVS/NB/ADS	EDIC
		<b>(b) Pedagogy and Curriculum:</b>		
2.	RS –23	Impact Assessment of Entrepreneurial Interventions in Punjab State	ADS/NB	EDIC
3.	RS –24	A Study of Impact Assessment of AICTE-NITTT MOOC Modules in Higher Education	SD/NB/KGS/HV/RC/AK	EMGT & Others

Sr. No	O Plan Code	Programme Title	Coordinator	Dept.
4.	RS –25	Impact Studies of Seven years' activities of two selected departments (to be assigned by the Director) of the institute	EMGT Faculty	EMGT
5.	RS -26	A Study of Impact Assessment of Online Learning & Online Evaluation	SD/RKW/RC/ AK	EMGT/ MEDIA

## 5. EXTENSION SERVICES AND CONSULTANCY PROJECTS

### *Extension Services:*

Sr. No.	O Plan Code	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	Consultancy Project of Curriculum Design of NSQF aligned Diploma Programmes for Haryana State Board of Technical Education, Panchkula	CDC Faculty	CDC
5.	EX – 5	Consultancy Project of Curriculum Design of NSQF aligned Diploma Programmes for Punjab State Board of Technical Education & Industrial Training, Chandigarh	CDC Faculty	CDC
6.	EX – 6	Scheme for Person with Disability	ADS	EDIC
7.	EX - 7	Mentoring of NITTTR Students for new Business Start-ups	NB/HVS/ ADS/SKD	EDIC
8.	EX - 8	War Room activities of EDIC department for Industrial Consultancy	HVS/NB/ SKD	EDIC
9.	EX-9	Industrial Coordination Activities	NB/HVS	EDIC
10.	EX- 10	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
11.	EX - 11	Providing assistance to MHRD, EDCIL, AICTE, ISTE, NPIU, DTE, BTE, Engineering Colleges, Polytechnics, Industries and other Institutions/ Organisations in the areas of: Media Engineering.	RKW	MEDIA
12.	EX - 12	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
13.	EX- 13	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
<b><i>Sponsored Projects:</i></b>				
1.	SP - 1	Confidential work of AICTE as per guidelines/budget approved by AICTE.	Dr. SS Patnaik, Director	
2.	SP- 4	ABB India Sponsored Research Work (Project/Ph.D./M.E.) in Mechanical and Electrical Engineering	SSD/LM	MECH/ ELECT
3.	SP - 5	Unnat Bharat Abhiyan- AICTE Sponsored	SKS/UNR/ ADS/AG	CIVIL

Sr. No.	O Plan Code	Programme Title	Coord.	Dept.
4.	SP - 6	MOOCs on various courses	SD/AK	EMGT
5.	SP - 19	Unnat Bharat Abhiyan	HKV/PS/AG	RD
6.	SP - 25	Sponsored Project under Share & Mentor Institutions (Margdarshan) Scheme by AICTE.	CRK/MK	CSE
7.	SP - 35	Structural Safety Audit of Hospital and School Buildings	HKV/SS/AG	RD
8.	SP – 44	Sponsored Programme under FIST programme Level 0 (DST, GoI.)	BSP/RS/SS D/MD/BR/ AK/ NB	
9.	SP - 51	QIP sponsored STC on Energy Efficient and Innovative Building Construction Practices from 23 to 28 August, 2022	AG	CIVIL
10.	SP - 54	QIP Sponsored program on Smart Cities opportunities and challenges from 25-30 October, 2022.	HG	CIVIL
11.	SP - 62	Structural Safety Auditing of Selected Schools Shimla City	HKV	RD
12.	SP - 63	Unnat Bharat Abhiyan	HKV/PS/AG	RD
		<b><i>Consultancy Projects:</i></b>		
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.	<b>CP-1</b>	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/BS	ECE
16.	CP-8	Training of Students and Faculty from Engineering Colleges and Polytechnics	AS/CRK	CSE

Sr. No.	O Plan Code	Programme Title	Coord.	Dept.
17.	CP-9	Training of Students and Faculty from Engineering Colleges and Polytechnics in Wireless Communication, Antenna Design, Fabrication and Testing, Antenna Design Using Simulators, Embedded System and IoTs, PCB Design, Signal Processing & Image Processing in AI, VLSI Design, Artificial Intelligence in ECE, Uttarakhand 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 & Development	RS/BSP	MECH
20.	CP-13	Training of students and Faculty from Engineering Colleges and Polytechnics	All faculty	ELECT
21.	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&SD
22.	CP-19	Facilities and services for training, examinations etc. to outside agencies	CRK & Team	CSE
23.	CP-87	Consultancy Work of 3 <sup>rd</sup> Party Audit/Structure Stability etc. from 01.04.2022 to 31.03.2023	SKS	CCT &SD
24.	CP-124	Recruitment for Post of Junior Engineer (Electrical) in the department of Engineering (Electrical Circle), UT, Chandigarh	SSB/SD/RKW	Concerned Dept
25.	CP-126	Convenience Fee of STC Management System	CRK	CSE
26.	CP-128	Sample Analysis with AFM & PLS	BCC/PS/AK	APP SC.
27.	CP-133	Recruitment for the posts of Headmasters/headmistresses in (School Education (Samagra Shiksha), UT, Chandigarh	SSB/SD/RKW	Concerned Dept
28.	CP-21-141	Recruitment for the post of Supervisors in SSS Board, Mohali (Punjab)	SSB/SD/RKW	Concerned Dept
29.	CP-21-149	Recruitment for various post in MILKFED (Punjab)	SSB/SD/RKW	Concerned Dept
30.	CP-21-155	Preparation of DPR for landslide Mitigation near Chamba, HP	HKV/AG/VS	RD
31.	CP-22-168	Training Programme for SDEs/JEs of Chandigarh.	AKD	Civil
32.		VLSI Design and FPGA Implementation	BR	ECE
33.		Designing of Embedded System Using Controllers	KS	ECE

## 6. COORDINATION ACTIVITIES:

Sr. No.	O Plan Code	Programme Title	Coordinator	Dept.
1.	CO - 1	Assistance to NPIU, AICTE, NBA, DTEs, BTEs, MoE. UGC Etc.	SKD/NB/HVS/ADS	EDIC
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



## 7. PROMOTIONAL AND INDUSTRY LINKED ACTIVITIES:

Sr. No.	O Plan Code	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 & 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-42	Azadi ka Amrit Mahotsav (75 <sup>th</sup> Year of Indian Independence)	BSD	ECE

### 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 & Industrial Coordination
EMGT	Education and Educational Management
ELECT	Electrical Engineering
ECE	Electronics and Communication Engineering
ESC	Electronics Service Centre
IMEE	Information Management & Emerging Engineering Dept.
LIB	Library
MECH.	Mechanical Engineering
MEDIA	Media Engineering
RD	Rural Development

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

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 & K	Jammu and Kashmir
PU	Punjab
RA	Rajasthan
UK	Uttarakhand

UP

Uttar Pradesh