

1.1 SHORT TERM PROGRAMMES

The training programmes have been planned at the specific request received from various states as mentioned against 'Beneficiary State', however the teachers from all the states can participate in all these programmes.

O. Plan No.	Programme Title	Coordinating Department	Beneficiary State	Target Group	Schedule	Venue / Remarks
APRIL 2010						
1.2.1	Intellectual Property Rights and Patent System in India	App Sc	All States	Poly Faculty	05-09 Apr	NITTTR CHD
1.2.2	Preparing Students for Job Interviews(Development of Generic Skills/Soft Skills)	EMGT	HA, J&K, PU RA	Poly Faculty	05-09 Apr	NITTTR CHD
1.2.3	Communication Skills	CDC	PU	Poly Faculty	06-08 Apr	GP, Bhatinda
1.2.4	Use of Latest Software in Civil Engineering	Civil Engg	All States	Poly Faculty	19-23 Apr	NITTTR CHD
1.2.5	Automation in Industries	Elect Engg	All States	Poly Faculty	19-23 Apr	NITTTR CHD
1.2.6	Emotional Intelligence and Creating Creative Organizations	EMGT	HA, PU, UK	Poly Faculty	19-23 Apr	GND, Ludhiana
1.2.7	Open Source for Instructional Material Development	ETV	All States	Poly Faculty	19-23 Apr	NITTTR CHD
1.2.8	Micro-Enterprise Development and Management	Rural Dev	All States	CDTPs Functionaries	19-23 Apr	NITTTR CHD
1.2.9	Developing Practical Skills amongst Students	CDC	J&K	Poly Faculty	20-22 Apr	GP, Jammu
1.2.10	CAD using CATIA	Mech Engg	All States	Poly Faculty	26-30 Apr	NITTTR CHD
1.2.11	Evaluation and Setting Question Papers	EMGT	DE, HA, J&K	Poly Faculty	26-30 Apr	GP, Sirsa
1.2.12	Training of Trainers in Masonry Skills(DST Project)	Rural Dev	All States	CDTPs Functionaries	26-30 Apr	NITTTR CHD
1.2.13	Application of Technology and Skill Development	Rural Dev	Assam	SIRD, Assam	Apr, 2010	NITTTR CHD
1.2.14	Enhancing Motivation, Self Esteem and Professionalism in Teachers	Media Centre	All States	Poly Faculty	26-30 Apr	NITTTR CHD
MAY 2010						
1.2.15	Orientation to the Scheme of Community Development Through Polytechnics(CDTP)	Rural Dev	CH, HA, HP, J&K, PU	CDTPs Functionaries	03-05 May	NITTTR CHD
1.2.16	Mobile Computing	Comp Sc	All States	Poly Faculty	03-07 May	NITTTR CHD

O. Plan No.	Programme Title	Coordinating Department	Beneficiary State	Target Group	Schedule	Venue / Remarks
1.2.17	Small and Medium Enterprise(SME) Set-up and Management	EDIC	HP, J&K	Poly Faculty	03-07 May	GP Sundernagar/Jammu
1.2.18	PLC and its Applications	Elect Engg	All States	Poly Faculty	03-07 May	NITTTR CHD
1.2.19	Evaluation of RCC Structures by Non-Destructive Techniques	Civil Engg	All States	Poly Faculty	03-07 May	NITTTR CHD
1.2.20	CAD Using ProE	Mech Engg	All States	Poly Faculty	03-07 May	NITTTR CHD
1.2.21	Effective Curriculum Implementation	CDC	PU	Poly Faculty	04-06 May	GP, Batala
1.2.22	Designing Current Awareness Services	Library	National Level	Librarians/ Lib.Sc. Teachers	10-12 May	NITTTR CHD
1.2.23	Modern Chemistry Laboratory Practices	App Sc	All States	Poly Faculty	10-14 May	NITTTR CHD
1.2.24	Advance Laboratory Practices in Civil Engineering	Civil Engg	All States	Poly Faculty	10-14 May	NITTTR CHD
1.2.25	Advanced Java Programming	Comp Sc	All States	Poly Faculty	10-14 May	NITTTR CHD
1.2.26	Electrical Substation Practices	Elect Engg	All States	Poly Faculty	10-14 May	NITTTR CHD
1.2.27	Motivation, Creativity and Team Building	EMGT	HA, RA, UK	Poly Faculty	10-14 May	GPW, Faridabad
1.2.28	Nanotechnology : Opportunity and Challenges	App Sc	All States	Poly Faculty	17-21 May	NITTTR CHD
1.2.29	Multimedia Technology	Comp Sc	All States	Poly Faculty	17-21 May	NITTTR CHD
1.2.30	Evaluation & Setting Question Papers	EMGT	DE, HA, J&K	Poly Faculty	17-21 May	NITTTR CHD
1.2.31	Digital Signal & Image Processing using MATLAB	E & CE	All States	Poly Faculty	17-21 May	NITTTR CHD
1.2.32	Business and Soft Skills Development in Institutions	Media Centre	National Level	Poly Faculty	17-21 May	NITTTR CHD
1.2.33	Orientation to the Scheme of Community Development Through Polytechnics(CDTP)	Rural Dev	UP	CDTPs Functionaries	17-21 May	NITTTR CHD
1.2.34	Competency Based Curriculum Development	CDC	UK	Poly Faculty	18-20 May	KL Poly, Roorkee
1.2.35	Advanced Microprocessors and Microcontrollers	Elect Engg	All States	Poly Faculty	24-28 May	NITTTR CHD
1.2.36	Orientation to the Scheme of Community Development Through Polytechnics(CDTP)	Rural Dev	DE, RA, UK	CDTPs Functionaries	24-26 May	NITTTR CHD
1.2.37	Application of AutoCAD in Civil Engineering	Civil Engg	All States	Poly Faculty	24-28 May	NITTTR CHD

O. Plan No.	Programme Title	Coordinating Department	Beneficiary State	Target Group	Schedule	Venue / Remarks
1.2.38	Linux Administration	Comp Sc	All States	Poly Faculty	24-28 May	NITTTR CHD
1.2.39	2 D and 3 D Animation and Graphics for Instructional Material Development	ETV/Comp Sc	All States	Poly Faculty	24-28 May	NITTTR CHD
1.2.40	VLSI System Design	E & CE	All States	Poly Faculty	24-28 May	NITTTR CHD
1.2.41	Auto CAD	Mech Engg	J&K	Poly Faculty	24-28 May	GP, Jammu
1.2.42	Advances in Pharmacy	IMCO	All States	Poly Faculty	To be decided	GPW, CHD
JUNE 2010						
1.2.43	Developing Healthy Work Culture in Technical Institutions	CDC	HP	Poly Faculty	01-03 Jun	GP, Sundernagar
1.2.44	Innovations and Creativity Development in Teachers & Students	Media Centre	All States	Poly Faculty	07-11 Jun	NITTTR CHD
1.2.45	Earthquake Resistant Construction	Rural Dev	PU	CDTPs Functionaries	07-11 Jun	Ludhiana
JULY 2010						
1.2.46	Reforms in Examination System	EMGT/CDC	DE	Poly Faculty	06-08 Jul	MB Poly, Delhi
1.2.47	Physics Laboratory Organization & Updating	App Sc	All States	Poly Faculty	19-23 Jul	NITTTR CHD
1.2.48	Computer Based Network Analysis (Primavera Project Planner Software)	Civil Engg	All States	Poly Faculty	19-23 Jul	NITTTR CHD
1.2.49	Technical and Vocational Education for the Differently Abled Persons	CPC	HP	Poly Faculty	19-23 Jul	NITTTR CHD
1.2.50	Videography and Studio Light Techniques	ETV	All States	Poly Faculty	19-23 Jul	NITTTR CHD
1.2.51	Modeling and Simulation Using MATLAB	Mech Engg	HP, J&K	Poly Faculty	19-23 Jul	GP Jammu/Hamirpur
1.2.52	Supervisory Development Programme for Workshop Instructors	Mech Engg	All States	Poly Faculty	19-23 Jul	NITTTR CHD
1.2.53	Mechanical Measurement Practices	Mech Engg	All States	Poly Faculty	19-23 Jul	NITTTR CHD
1.2.54	Modern Moulding and Casting Practices	Mech Engg	UP	Poly Faculty	19-23 Jul	IRDT, Kanpur
1.2.55	IPRs for Pharmaceutical Sector and Patent System in India	App Sc	National Level	Poly Faculty	26-30 Jul	NITTTR CHD
1.2.56	Design of RCC Structure using STAAD Pro	Civil Engg	All States	Poly Faculty	26-30Jul	NITTTR CHD

O. Plan No.	Programme Title	Coordinating Department	Beneficiary State	Target Group	Schedule	Venue / Remarks
1.2.57	V.B. Net	Comp Sc	All States	Poly Faculty	26-30 Jul	NITTTR CHD
1.2.58	Computer Aided Power System Analysis	Elect Engg	All States	Poly Faculty	26-30 Jul	NITTTR CHD
1.2.59	Entrepreneurial Creativity, Innovation and Incubation using Blue Ocean Strategies	EDIC	National Level	Poly Faculty	26-30 Jul	NITTTR CHD
1.2.60	Competencies for 21 st Century(Life Skills, Generic Skills)	EMGT	DE, HA, J&K	Poly Faculty	26-30 Jul	NITTTR CHD
1.2.61	CAD/CAM	Mech Engg	National Level	Poly Faculty	26-30 Jul	NITTTR CHD
1.2.62	Renewable Energy Based Technologies	Rural Dev	All States	Poly Faculty	26-30 Jul	NITTTR CHD
1.2.63	Fashion Technology	IMCO	RA & other states	Poly Faculty	To be decided	GMPC, Jaipur
AUGUST 2010						
1.2.64	Optical Fibers and their Applications	App Sc	All States	Poly Faculty	02-06 Aug	NITTTR CHD
1.2.65	Repair and Rehabilitation of Structures	Civil Engg	All States	Poly Faculty	02-06 Aug	NITTTR CHD
1.2.66	Web Based Designing	Comp Sc	All States	Poly Faculty	02-06 Aug	NITTTR CHD
1.2.67	Effective Teaching	EMGT	HA, J&K	Poly Faculty	02-06 Aug	GP, Jammu
1.2.68	Planning for Effective Instruction	EMGT/CDC	HA	Poly Faculty	03-05 Aug	GP, Manesar
1.2.69	Internet Collaborative Tools for Librarians	Library	All States	Librarians/ Lib.Sc. Teachers	09-11 Aug	NITTTR CHD
1.2.70	Computer Networking and Trouble Shooting	Comp Sc	All States	Poly Faculty	09-13 Aug	NITTTR CHD
1.2.71	Quality Assurance and NBA/AICTE Accreditation in Technical Institutions	EDIC	National Level	Poly Faculty	09-13 Aug	NITTTR CHD
1.2.72	Communication and Presentation Skills	EMGT	HA, J&K	Poly Faculty	09-13 Aug	NITTTR CHD
1.2.73	Robotics and Automation	Mech Engg	All States	Poly Faculty	09-13 Aug	NITTTR CHD
1.2.74	Integrated Rural Development – A Practical Approach	Rural Dev	HP, UP	CDTPs Functionaries	09-13 Aug	GP, Kanpur
1.2.75	Application of Remote Sensing, Digital Mapping and GPS in Civil Engineering	Civil Engg	All States	Poly Faculty	16-20 Aug	NITTTR CHD
1.2.76	Fundamentals of Computer for Office Staff	Comp Sc	All States	Poly Staff	16-20 Aug	NITTTR CHD

O. Plan No.	Programme Title	Coordinating Department	Beneficiary State	Target Group	Schedule	Venue / Remarks
1.2.77	Managerial Skills	EMGT	HA, J&K, RA	Poly Faculty	16-20 Aug	NITTTR CHD
1.2.78	CNC Machines : Operation and Programming	Mech Engg	All States	Poly Faculty	16-20 Aug	NITTTR CHD
1.2.79	Teaching Practices in Engineering Drawing	Mech Engg	CH	Poly Faculty	16-20 Aug	CCET, CHD
1.2.80	Integrating Generic Skills with Diploma Curriculum	CDC	UP	Poly Faculty	17-19 Aug	IRDT, Kanpur
1.2.81	OFC system Design and Performance Evaluation	App Sc	National Level	Poly Faculty	23-27 Aug	NITTTR CHD
1.2.82	Earthquake Retrofitting Solution and Strengthening of Structures	Civil Engg	All States	Poly Faculty	23-27 Aug	NITTTR CHD
1.2.83	Computer Animation	Comp Sc	All States	Poly Faculty	23-27 Aug	NITTTR CHD
1.2.84	Advertising Research	ETV	All States	Poly Faculty	23-27 Aug	NITTTR CHD
1.2.85	e-Governance in Technical Education	Media Centre	All States	Poly Faculty	23-27 Aug	NITTTR CHD
1.2.86	Energy Efficient Buildings	Rural Dev	All States	CDTPs Functionaries	23-27 Aug	NITTTR CHD
SEPTEMBER 2010						
1.2.87	Computer Applications in Physics	App Sc	All States	Poly Faculty	06-10 Sep	NITTTR CHD
1.2.88	Modern Building Materials and Construction Practices	Civil Engg	All States	Poly Faculty	06-10 Sep	NITTTR CHD
1.2.89	E-Commerce	Comp Sc	All States	Poly Faculty	06-10 Sep	NITTTR CHD
1.2.90	Energy Management	Elect Engg	All States	Poly Faculty	06-10 Sep	NITTTR CHD
1.2.91	Strategic Planning and Management in Technical Institutions – Indian and Global Initiatives	EDIC	J&K	Poly Faculty	06-10 Sep	GPW, Srinagar
1.2.92	Stress and Time Management	EMGT	National Level	Poly Faculty	06-10 Sep	NITTTR CHD
1.2.93	Mechatronics	Mech Engg	All States	Poly Faculty	06-10 Sep	NITTTR CHD
1.2.94	Advances in Automobile Engineering	Mech Engg	All States	Poly Faculty	06-10 Sep	NITTTR CHD
1.2.95	Water Conservation and Management	Civil Engg	All States	Poly Faculty	13-17 Sep	NITTTR CHD
1.2.96	Strategic Management and SWOT Analysis for Achieving Excellence	CEC	National Level	Poly Faculty	13-17 Sep	NITTTR CHD
1.2.97	Matlab Programming	Comp Sc	All States	Poly Faculty	13-17 Sep	NITTTR CHD

O. Plan No.	Programme Title	Coordinating Department	Beneficiary State	Target Group	Schedule	Venue / Remarks
1.2.98	Building Positive Attitudes	EMGT	DE, J&K, PU, RA	Poly Faculty	13-17 Sep	NITTTR CHD
1.2.99	3-G Communication	E & CE	All States	Poly Faculty	13-17 Sep	NITTTR CHD
1.2.100	Women Empowerment through Capacity Building	Rural Dev	National Level	CDTPs Functionaries and Poly Faculty	13-17 Sep	NITTTR CHD
1.2.101	Nuclear Radiations and their Applications	App Sc	All States	Poly Faculty	20-24 Sep	NITTTR CHD
1.2.102	Oracle	Comp Sc	All States	Poly Faculty	20-24 Sep	NITTTR CHD
1.2.103	Power Electronics	Elect Engg	All States	Poly Faculty	20-24 Sep	NITTTR CHD
1.2.104	Institutional Management and Evaluation	EMGT	J&K, PU	Poly Faculty	20-24 Sep	GPW, Ludhiana
1.2.105	Watershed Management Rainwater Harvesting	Rural Dev	All States	CDTPs Functionaries	20-24 Sep	VBRI, Udaipur
1.2.106	Project Planning and Execution	CDC	HA	Poly Faculty	21-23 Sep	VTI, Rohtak
1.2.107	Photoshop and Flash	Comp Sc	All States	Poly Faculty	27 Sep to 01 Oct	NITTTR CHD
1.2.108	Labour Market Analysis and Industry-Institute Partnership in Technical Institutions	EDIC	All States	Poly Faculty	27 Sep to 01 Oct	NITTTR CHD
1.2.109	Computer Networking	E & CE	All States	Poly Faculty	27 Sep to 01 Oct	NITTTR CHD
OCTOBER 2010						
1.2.110	Modern Office Management	EMGT	J&K	Poly Faculty	04-08 Oct	NITTTR CHD
1.2.111	Cataloguing of Non Book Materials by AACR2	Library	National Level	Librarians/ Lib.Sc. Teachers	04-08 Oct	NITTTR CHD
1.2.112	Material Testing and Heat Treatment	Mech Engg	All States	Poly Faculty	04-08 Oct	NITTTR CHD
1.2.113	Managing Yourself	CEC	All States	Poly Faculty	11-15 Oct	NITTTR CHD
1.2.114	Wireless Network	Comp Sc	All States	Poly Faculty	11-15 Oct	NITTTR CHD
1.2.115	Implementation of TQM and ISO 9001: 2008 in Technical Institutions	EDIC	All States	Poly Faculty	11-15 Oct	NITTTR CHD
1.2.116	Personality Development	EMGT	J&K, PU	Poly Faculty	11-15 Oct	NITTTR CHD
1.2.117	Video Film Production	ETV	National Level	Poly Faculty	11-15 Oct	NITTTR CHD
1.2.118	Lasers and their Applications	App Sc	All States	Poly Faculty	11-15 Oct	NITTTR CHD

O. Plan No.	Programme Title	Coordinating Department	Beneficiary State	Target Group	Schedule	Venue / Remarks
1.2.119	Curriculum Development Process	CDC	RA	Poly Faculty	12-14 Oct	GP, Bikaner
1.2.120	PLC Applications in Mechanical Engineering	Mech Engg	All States	Poly Faculty	18-22 Oct	NITTTR CHD
1.2.121	Disaster Management	Civil Engg	All States	Poly Faculty	25-29 Oct	NITTTR CHD
1.2.122	Advances in Cement and Concrete including Mix Design	Civil Engg	All States	Poly Faculty	25-29 Oct	NITTTR CHD
1.2.123	Repair and Maintenance of Computer	Comp Sc	All States	Poly Faculty	25-29 Oct	NITTTR CHD
1.2.124	Positive Attitudes	EMGT	PU	Poly Faculty	25-29 Oct	NITTTR CHD
1.2.125	Low Cost Housing – A Practical Approach	Rural Dev	All States	CDTPs Functionaries	25-29 Oct	NITTTR CHD
1.2.126	Application of Technology and Skill Development	Rural Dev	Assam	SIRD, Assam	Oct, 2010	NITTTR CHD
NOVEMBER 2010						
1.2.127	Operation and Maintenance of Latest Instructional Media	Media Centre	All States	Poly Faculty	08-10 Nov	NITTTR CHD
1.2.128	Mapping by Total Station	Civil Engg	All States	Poly Faculty	08-12 Nov	NITTTR CHD
1.2.129	Building Digital Repository	Comp Sc	All States	Poly Faculty	08-12 Nov	NITTTR CHD
1.2.130	Personality Development	EMGT	All States	Poly Staff	08-12 Nov	NITTTR CHD
1.2.131	MATLAB Programming for Engineers	E & CE	All States	Poly Faculty	08-12 Nov	NITTTR CHD
1.2.132	Classification by DDC Scheme	Library	All States	Librarians/ Lib.Sc. Teachers	08-12 Nov	NITTTR CHD
1.2.133	Developing Practical Skills amongst Students	CDC	UP	Poly Faculty	09-11 Nov	GPW, Varanasi
1.2.134	Green Buildings – Concept and Practices	Civil Engg	All States	Poly Faculty	10-12 Nov	NITTTR CHD
1.2.135	FPGA Based DSP Applications	E & CE	National Level	Poly Faculty	22-26 Nov	NITTTR CHD
1.2.136	Repair and Maintenance of Machine Tools	Mech Engg	All States	Poly Faculty	22-26 Nov	NITTTR CHD
1.2.137	Tool Book/Web Based Content Development	Comp Sc	National Level	Poly Faculty	29 Nov to 03 Dec	NITTTR CHD
1.2.138	Dissemination of Appropriate Technologies	Rural Dev	All States	CDTPs Functionaries	29 Nov to 03 Dec	NITTTR CHD

O. Plan No.	Programme Title	Coordinating Department	Beneficiary State	Target Group	Schedule	Venue / Remarks
DECEMBER 2010						
1.2.139	Mapping of TVET Resources for Development of States	Media Centre	All States	Poly Faculty	08-10 Dec	NITTTR CHD
1.2.140	Wireless and Mobile Communication	ETV	All States	Poly Faculty	13-17 Dec	NITTTR CHD
1.2.141	OFC Networks and Trouble Shootings	App Sc	All States	Poly Faculty	20-24 Dec	NITTTR CHD
JANUARY 2011						
1.2.142	Nuclear Energy and Power	App Sc	All States	Poly Faculty	10-14 Jan	NITTTR CHD
1.2.143	Application of Fluid Mechanics including CFD in Chemical and Allied Industries	App Sc	All States	Poly Faculty	17-21 Jan	NITTTR CHD
1.2.144	Manufacturing of Electrical Machines	Elect Engg	All States	Poly Faculty	17-21 Jan	BHEL Haridwar
1.2.145	Benchmarking Curriculum and Instruction for Soft Skills Development	Media Centre/ EDIC	All States	Poly Faculty	17-21 Jan	NITTTR CHD
1.2.146	ASP Net	Comp Sc	All States	Poly Faculty	24-28 Jan	NITTTR CHD
1.2.147	Generic Skills for Industrial Placement of Students	EDIC	All States	Poly Faculty	24-28 Jan	NITTTR CHD
1.2.148	Independent Study Techniques	Library	All States	Librarians/ Lib.Sc. Teachers	24-28 Jan	NITTTR CHD
FEBRUARY 2011						
1.2.149	Vastu Shastra in Building Construction	Civil Engg	All States	Poly Faculty	07-09 Feb	NITTTR CHD
1.2.150	Linux Administration	Comp Sc	All States	Poly Faculty	07-11 Feb	NITTTR CHD
1.2.151	Rehabilitation, Education and Training of the Differently Abled Persons	CPC	All States	Poly Faculty	07-11 Feb	NITTTR CHD
1.2.152	Advances in Welding Technology	Mech Engg	All States	Poly Faculty	07-11 Feb	NITTTR CHD
1.2.153	Exploring Identity, Role and Organization for Excellence	CEC	All States	Poly Faculty	14-18 Feb	NITTTR CHD
1.2.154	Digital Signal Processing	Comp Sc	All States	Poly Faculty	14-18 Feb	NITTTR CHD
1.2.155	Programmable Logic Devices	E & CE	All States	Poly Faculty	14-18 Feb	NITTTR CHD
1.2.156	Advanced Manufacturing Methods	Mech Engg	All States	Poly Faculty	14-18 Feb	NITTTR CHD
1.2.157	Induction Training Programme for Newly Recruited Teachers	EMGT	All States	Poly Faculty	14-25 Feb	NITTTR CHD
1.2.158	Fiber Optics, Communication and Sensing Applications	App Sc	All States	Poly Faculty	21-25 Feb	NITTTR CHD

O. Plan No.	Programme Title	Coordinating Department	Beneficiary State	Target Group	Schedule	Venue / Remarks
1.2.159	Communication using MATLAB	E & CE	All States	Poly Faculty	21-25 Feb	NITTTR CHD
1.2.160	Projects in Electrical and Electronics Engineering	Elect Engg	All States	Poly Faculty	21-25 Feb	NITTTR CHD
1.2.161	Multimedia Tools and Technology	ETV/Comp Sc	All States	Poly Faculty	21-25 Feb	NITTTR CHD
1.2.162	Environmental Issues, Pollution Control and Management	Civil Engg	All States	Poly Faculty	Feb	NITTTR CHD
MARCH 2011						
1.2.163	Internet Technologies	Comp Sc	All States	Poly Faculty	05-09 Mar	NITTTR CHD
1.2.164	Digital Library Management	Library	All States	Librarians/ Lib.Sc. Teachers	07-09 Mar	NITTTR CHD
1.2.165	Recent Developments in Refrigeration and Airconditioning	Mech Engg	All States	Poly Faculty	07-11 Mar	NITTTR CHD
1.2.166	Network Security	Comp Sc	All States	Poly Faculty	12-16 Mar	NITTTR CHD
1.2.167	TCP/IP Based Computer Networking	E & CE	All States	Poly Faculty	14-18 Mar	NITTTR CHD
1.2.168	Cyber Laws	Comp Sc	All States	Poly Faculty	19-22 Mar	NITTTR CHD
1.2.169	Building Excellence	EMGT	All States	Poly Faculty	21-25 Mar	NITTTR CHD
1.2.170	Introduction to Embedded Systems	E & CE	All States	Poly Faculty	21-25 Mar	NITTTR CHD
1.2.171	Distributed Operating System	Comp Sc	All States	Poly Faculty	26-30 Mar	NITTTR CHD
*1.2.172	Enhancing Teachers' Competence	IMCO	All States	Poly Faculty	As per need	NITTTR CHD
*1.2.173	Planning for Effective Teaching	IMCO	All States	Poly Faculty	As per need	NITTTR CHD
*1.2.174	Total Quality Management	MC / EDIC	All States	Poly Faculty	As per need	NITTTR CHD

***States are requested to note that in case of less participation in the courses in a particular week, either of the programmes mentioned at S. No. 1.2.172, 1.2.173 and 1.2.174 will be offered by combining the participants of such courses.**

1.3 WORKSHOPS

O. Plan No.	Programme Title	Coordinating Department	Beneficiary State	Target Group	Schedule	Venue / Remarks
1.3.1	Annual Review-cum-Operational Plan Preparation Workshop under PWD	CPC	All States	PWD Project Polytechnics	May,2010	NITTTR CHD
1.3.2	Two Day Workshop on Autism	CPC	All States	Principals & PCs of PWD Project Polys & NGOs	Aug/Sep	NITTTR CHD
1.3.3	National Workshop on Advances in Water Proofing Materials & Techniques	Civil Engg	National Level	Poly/Engg Faculty/ Industry	22-23 Sep	NITTTR CHD
1.3.4	Review of CDTP Scheme for the State of Uttar Pradesh	Rural Dev	UP	CDTPs Functionaries	04-05 Oct	NITTTR CHD/ UP
1.3.5	Review of CDTP Scheme for the State of Uttar Uttarakhand	Rural Dev	UK	CDTPs Functionaries	11 Oct	NITTTR CHD/ Uttarakhand
1.3.6	National Workshop on Evaluation and Strengthening of Flexible Pavements	Civil Engg	National Level	Poly/Engg Faculty/ Industry	12-13 Oct	NITTTR CHD
1.3.7	Review of CDTP Scheme for the State of Punjab, Himachal Pradesh and Chandigarh	Rural Dev	CH, HP, PU	CDTPs Functionaries	13 Oct	NITTTR CHD
1.3.8	Review of CDTP Scheme for the State of Haryana and Jammu & Kashmir	Rural Dev	HA, J&K	CDTPs Functionaries	15 Oct	NITTTR CHD
1.3.9	Review of CDTP Scheme for the State of Delhi	Rural Dev	DE	CDTPs Functionaries	20 Oct	NITTTR CHD/ Delhi
1.3.10	Review of CDTP Scheme for the State of Rajasthan	Rural Dev	RA	CDTPs Functionaries	21 Oct	NITTTR CHD/ Rajasthan
1.3.11	Preparation of Operational Plan for the year 2011-12 and Review of work done during 2010-11 under the CDTP Scheme for the State of Uttar Pradesh	Rural Dev	UP	CDTPs Functionaries	01-02 Mar	NITTTR CHD/ UP
1.3.12	Preparation of Operational Plan for the year 2011-12 and Review of work done during 2010-11 under the CDTP Scheme for the State of Uttarakhand	Rural Dev	UK	CDTPs Functionaries	07 Mar	NITTTR CHD/ Uttarakhand

O. Plan No.	Programme Title	Coordinating Department	Beneficiary State	Target Group	Schedule	Venue / Remarks
1.3.13	Preparation of Operational Plan for the year 2011-12 and Review of work done during 2010-11 under the CDTP Scheme for the State of Punjab, Himachal Pradesh and Chandigarh	Rural Dev	CH, HP, PU	CDTPs Functionaries	09 Mar	NITTTR CHD
1.3.14	Preparation of Operational Plan for the year 2011-12 and Review of work done during 2010-11 under the CDTP Scheme for the State of Haryana and J&K	Rural Dev	HA, J&K	CDTPs Functionaries	11 Mar	NITTTR CHD
1.3.15	Preparation of Operational Plan for the year 2011-12 and Review of work done during 2010-11 under the CDTP Scheme for the State of Delhi	Rural Dev	DE	CDTPs Functionaries	14 Mar	NITTTR CHD/ Delhi
1.3.16	Preparation of Operational Plan for the year 2011-12 and Review of work done during 2010-11 under the CDTP Scheme for the State of Rajasthan	Rural Dev	RA	CDTPs Functionaries	15 Mar	NITTTR CHD/ Rajasthan

1.4 SEMINARS / CONFERENCES

O. Plan No.	Programme Title	Coordinating Department	Beneficiary State	Target Group	Schedule	Venue / Remarks
1.4.1	National Conference on Case Study Presentations of Entrepreneurs, Technology Business Incubators, Science and Technology Parks and Innovators	EDIC	All States	Poly/Engg College Faculty/industry Personnel	09-10 Nov	NITTTR CHD
1.4.2	National Conference on Qualification Framework in TVET and Skill Standards for India	Media Centre	All States	Poly/Engg College Faculty/industry Personnel	17-18 Nov	NITTTR CHD
1.4.3	National Seminar on Emerging Trends in Civil Engineering Practices	Civil Engg	All States	Poly/Engg College Faculty/industry Personnel	15-16 Feb	NITTTR CHD
1.4.4	National Seminar on Organic Farming : Prospects and Challenges for India	Rural Dev	All States	CDTPs, RD Organizations, NGOs	24-25 Mar	NITTTR CHD

2. CURRICULUM DEVELOPMENT

2.1 CURRICULUM DESIGN

O. Plan No.	Programme Title	Coordinating Department	Beneficiary State(s)	Schedule (Starting Month)
Diploma Programmes in :				
2.1.1	Textile Chemistry	CDC	Haryana	April, 2010
2.1.2	Mechanical Metallurgy			
2.1.3	Mechanical (Foundry & Forging)			
2.1.4	Printing Technology			
2.1.5	Packaging Technology			
2.1.6	Civil (Construction)			
2.1.7	Civil (Brick Technology)			
Curriculum Development for CDTPs Scheme in the areas of :				
2.1.8	Electrical Engineering and Electronics Engineering	Rural Dev	All States	April, 2010
2.1.9	Civil Engineering			
2.1.10	Mechanical Engineering			

2.2 CURRICULUM REVISION

O. Plan No.	Programme Title	Coordinating Department	Beneficiary State(s)	Schedule (Starting Month)
2.2.1	Revision of Existing Diploma Courses as per need of the States	CDC	All States	April, 2010

3. INSTRUCTIONAL MATERIAL DEVELOPMENT

3.1 PRINT MATERIAL

O. Plan No.	Programme Title	Coordinating Department	Beneficiary State(s)	Team
Modules				
3.1.1	Fluid Mechanics and Applications in Industry	App Sc	All States	ANP
3.1.2	Case Studies – Technology Management	App Sc	All States	ANP
3.1.3	Case Studies on Engineering Applications	App Sc	All States	ANP
3.1.4	Earthquake Retrofitting Solution	Civil Engg	All States	SKS
3.1.5	Principles and Practices of Management and Organizational Behaviour	EDIC	All States	Deptt Faculty
3.1.6	Fundamentals of Entrepreneurship Development	EDIC	All States	Deptt Faculty
Manuals				
3.1.7	Good Chemistry Laboratory Practices	App Sc	All States	ANP
3.1.8	Experiments with Optical Fibres	App Sc	All States	BCC
3.1.9	Applied Physics	CDC	UK	Deptt Faculty
3.1.10	Applied Chemistry	CDC	UK	Deptt Faculty
3.1.11	General Workshop Practices	CDC	UK	Deptt Faculty
3.1.12	Revision of Laboratory Manual in Laboratory Practices in Metrology	Mech Engg	All States	Deptt Faculty
Readers				
3.1.13	Environmental Considerations in Hill Roads	Civil Engg	All States	AKD
3.1.14	Emerging Construction Technologies	Civil Engg	All States	HS
3.1.15	Box Girder Bridge	Civil Engg	All States	HS
3.1.16	Erosion Control of Embankment	Civil Engg	All States	AKD/VK
3.1.17	Project Management	Civil Engg	All States	VK
Others				
3.1.18	Course material on Reforms in Examination System	CDC	All States	Deptt Faculty
3.1.19	Course material on Integrating Generic Skills with Diploma Curriculum	CDC	All States	Deptt Faculty

3.2 NON PRINT INSTRUCTIONAL MATERIAL

O. Plan No.	Programme Title	Coordinating Department	Beneficiary State(s)	Team
Video Films				
3.2.1	Optical Fiber Configurations & Modes	App Sc	All States	BCC
3.2.2	Employment Opportunities for Differently Abled Persons	CPC	All States	JSS
3.2.3	Maintenance of Sloping Roofs	Civil Engg	All States	SKS
3.2.4	Repair of Parapet wall	Civil Engg	All States	SKS/VK
3.2.5	Relative Density of Soil	Civil Engg	All States	VK
3.2.6	Premeability of Soil (Falling Head Method)	Civil Engg	All States	VK
3.2.7	Road Roughness by Bump Integrator	Civil Engg	All States	AKD
3.2.8	Hot Mix Plant	Civil Engg	All States	AKD
3.2.9	MATLAB	ECE	All States	S Devi
3.2.10	Preparing Students for Job Interviews : An Overview	EMGT	All States	Deptt Faculty
3.2.11	Writing Job Resume	EMGT	All States	Deptt Faculty
3.2.12	Group Discussion	EMGT	All States	Deptt Faculty
3.2.13	Appearing in Job Interviews : Part I	EMGT	All States	Deptt Faculty
3.2.14	Appearing in Job Interviews : Part II	EMGT	All States	Deptt Faculty
3.2.15	Antenna Engineering & Wireless Communication Engineering	ETV	All States	Deptt Faculty
3.2.16	Civil and Electrical Engineering for Diploma Level	ETV	All States	Deptt Faculty
3.2.17	Food and Nutrition	Rural Dev	All States	PS
3.2.18	Sweet Revolution – Bee Keeping	Rural Dev	All States	UNR

Note : Video Films are developed by the staff of ETV Centre and respective department.

4. RESEARCH AND DEVELOPMENT

O. Plan No.	Programme Title	Coordinating Department	Beneficiary State	Team
4.1	Competency Profile of Diploma Holder in Electrical Engineering	CDC	All States	Deptt Faculty
4.2	Competency Profile of Diploma Holder in Civil Engineering	CDC	All States	Deptt Faculty
4.3	Competency Profile of Diploma Holder in Mechanical Engineering	CDC	All States	Deptt Faculty
4.4	Competency Profile of Diploma Holder in Architectural Assistantship	CDC	All States	Deptt Faculty
4.5	Environmental Scanning and Setting up of Technology Business Incubator(TBI)	EDIC	All States	Deptt Faculty
4.6	Critical Examination of Student Evaluation System in the state of J&K	EMGT	All States	Deptt Faculty
4.7	Developing Qualification Framework for TVET in India	Media Centre	All States	YKA/RKW
4.8	A Comparative Study of Effectiveness of Govt. and Private Polytechnics in the State of Rajasthan	Rural Dev	Rajasthan	RD Faculty & Principal, GPC, Kota
4.9	Education and Training Mapping in the State of Haryana	Media Centre	Haryana	YKA/RKW
4.10	Eco-Water Literacy and Sanitation Campaign – A DST sponsored Project	Rural Development	All States	UNR
4.11	ME Thesis in:			
a)	Construction Technology and Management	Civil Engg	All States	Deptt Faculty
b)	Computer Science and Engineering	Comp Sc	All States	Deptt Faculty
c)	Instrumentation and Control	Elect Engg	All States	Deptt Faculty
d)	Electronics and Communication Engineering	ECE, App Sc and ETV	All States	Deptt Faculty
e)	Engineering Education	EMGT	All States	Deptt Faculty
f)	Manufacturing Technology	Mech Engg	All States	Deptt Faculty
4.12	Ph.D Registrations under QIP	Concerned Deptt.	All States	Deptt Faculty

5. EXTENSION SERVICES AND CONSULTANCY

EXTENSION SERVICES

O. Plan No.	Programme Title	Coordinating Department	Beneficiary State	Team
5.1	Providing assistance to Planning Commission, MHRD, AICTE, ISTE, NPIU, DTE, BTE, Engineering Colleges, Polytechnics, Industries and other Institutions/Organisations in the areas of:			
(a)	Curriculum Development	CDC	Planning, Commission, MHRD, AICTE, ISTE, NPIU, DTE/BTE, Polytechnics Including CPs and Other Agencies	Faculty of Concerned Department(s)
(b)	Educational Planning and Management	EMGT		
(c)	Industry Institute Interaction and Entrepreneurship Development	EDIC		
(d)	Engineering and Technology	Engg/Tech. Dept		
(e)	Community Development	Rural Dev		
(f)	Continuing Education	CEC		
(g)	Learning Resources	MC/All Concerned Departments		
(h)	Scheme on Persons with Disabilities	CPC		
(i)	Vocational Education	CDC		
5.2	Guidance/Assistance to PWD Polytechnics in Implementing the Scheme of Integrating Persons with Disabilities in Technical and Vocational Education	CPC	All States	JSS
5.3	Conduct of Entrepreneurial Awareness Camps(EACs) at Govt. Polytechnic, Ambala and Nilokheri	EDIC	Haryana	Deptt Faculty
5.4	Assistance to Engineering Colleges, Polytechnics and other organizations for promotion of Entrepreneurship and Industry-Institute Interaction activities	EDIC	All States	Deptt Faculty
5.5	Establishing Network of Polytechnics and Guiding/Assisting States/Polytechnics in Promoting Continuing Education and Innovation and Creativity Development in Students & Teachers	CEC	All States	Deptt Faculty
5.6	Guiding/Assisting States/Polytechnics in Media Design and Development	Media Centre	All States	Deptt Faculty
5.7	Guidance/Assistance to the Polytechnics in Implementing the Scheme of Community Development Through Polytechnic Activities	Rural Dev	All States	Deptt Faculty

CONSULTANCY PROJECTS

O. Plan No.	Programme Title	Coordinating Department	Beneficiary State	Team
5.8	Training of Students and Faculty from Engineering Colleges and Polytechnics	Comp Sc	All States	Deptt Faculty
5.9	Training of Students and Faculty from Engineering Colleges and Polytechnics	E&CE	All States	Deptt Faculty
5.10	Training of Students and Faculty from Engineering Colleges and Polytechnics	Elect Engg	All States	Deptt Faculty
5.11	Students Training, Specialized training for faculty, staff on video related fields, Video film production or related work for other agencies	ETV	All States	Deptt Faculty
5.12	Training of Students and Faculty from Engineering Colleges and Polytechnics	Mech Engg	All States	Deptt Faculty
5.13	Training of Students and Faculty from Engineering Colleges and Polytechnics	Civil Engg	All States	Deptt Faculty
5.14	Material Testing – Design and Technical Services to Industry	Civil Engg	All States	Deptt Faculty

6. COORDINATION ACTIVITIES

O. Plan No.	Programme Title	Coordinating Department	Beneficiary State	Schedule	Venue/ Remarks
6.1	Liaison With Secretaries, DTEs, MHRD, AICTE, EdCIL, Industry and other Organisations	IMCO	All States	2010-2011	NITTTR CHD/ States
6.2	Follow up of Projects and Programmes of States	IMCO	All States	2010-2011	NITTTR CHD/ States
6.3	Liaison With NPIU, SPFUs and other NITTTRs	IMCO	All States	2010-2011	NITTTR CHD/ States
ANNUAL NEED-ASSESSMENT WORKSHOPS FOR					
6.4	Himachal Pradesh	IMCO	HP	Oct/Nov	Sundernagar
6.5	Haryana	IMCO	HA	Oct/Nov	NITTTR CHD
6.6	Delhi	IMCO	DE	Oct/Nov	Delhi
6.7	Rajasthan	IMCO	RA	Oct/Nov	Jodhpur
6.8	Uttar Pradesh	IMCO	UP	Oct/Nov	Kanpur/Lucknow
6.9	Uttarakhand	IMCO	UK	Oct/Nov	Dehradun
6.10	Chandigarh and Punjab	IMCO	PU, CH	Oct/Nov	NITTTR CHD
6.11	Jammu and Kashmir	IMCO	J&K	Oct/Nov	Jammu
6.12	Annual Day Celebrations	IMCO	All States	18 Nov, 2010	NITTTR CHD
6.13	Preparation of Annual Report of 2009-2010	IMCO	NITTTR CHD	Apr to Oct	NITTTR CHD
6.14	Periodic Implementation /Review of Operational Plan 2010-2011	IMCO	NITTTR CHD	Jul/Oct/ Jan	NITTTR CHD
6.15	Preparation of Operational Plan for Polytechnics for the year 2011-2012	IMCO	NITTTR CHD	Nov-Mar	NITTTR CHD
6.16	Preparation of Operational Plan for Engineering Colleges for the year 2011-2012	IMCO	NITTTR CHD	Dec 2010/ Jan 2011	NITTTR CHD
6.17	Liaison with other organizations for Master/Ph.D Degree Programmes	Academic Cell	All States	2010-2011	NITTTR CHD/ States

7. INFRASTRUCTURE DEVELOPMENT, PRODUCTION AND SERVICE FACILITY AT THE INSTITUTE

O. Plan No.	Programme Title	Coordinating Department	Beneficiary State	Team
7.1	Printing of Journal of Engineering & Technology Education	Academic cell	All States	Institute Faculty
7.2	Printing of Institute Newsletter	IMCO	All States	RC/TNT/MMS
7.3	Improving Services of Instructional Resources Market Unit	IRMU	All States	SKG
7.4	Modifications in Existing Buildings and Civil Structures to provide Disabled Friendly Facilities at the Institute	CPC	All States	JSS
7.5	Development and Up-gradation of Existing Laboratories	E & CE/ESC	All States	Deptt. Faculty
7.6	Servicing of Test and Measuring Equipments	E & CE/ESC	All States	Deptt. Faculty
7.7	Development of Advanced Electrical Measurement, Instrumentation and Control Laboratory	Elect Engg	All States	Deptt. Faculty
7.8	Modernisation of Existing Laboratories	Elect Engg	All States	Deptt. Faculty
7.9	Development and Upgradation of Existing Laboratories	ETV	All States	Deptt. Faculty
7.10	Upgradation of Existing Laboratories	Mech Engg	All States	Deptt. Faculty
7.11	Setting up of Bamboo Resource-cum-Technology Display Centre	Rural Dev	All States	Deptt. Faculty
7.12	Expansion/Strengthening of Display Centre, Networking Information Centre, Appropriate Technology Park, Energy Centre	Rural Dev	All States	Deptt. Faculty
7.13	Setting up of Technology Park for Emerging Technologies for Rural Development	Rural Dev	All States	Deptt. Faculty

ABBREVIATIONS USED

Departments/Centres/Units of the Institute		Miscellaneous	
App Sc.	Applied Science	AICTE	All India Council for Technical Education
Civil Engg	Civil Engineering	BOG	Board of Governors
Comp Sc.	Computer Science	BTE	Board of Technical Education
CEC	Continuing Education Centre	CAD	Computer Aided Design
CDC	Curriculum Development Centre	CAM	Computer Aided Manufacturing
CPC	Centre for Physically Challenged	CNC	Computer Numerical Control
EDIC	Entrepreneurship Development and Industrial Coordination	CPs	Community Polytechnics
EMGT	Education and Educational Management	DSP	Digital Signal Processing
Elect Engg	Electrical Engineering	DTE	Director Technical Education
ECE	Electronics and Communication Engineering	EACs	Entrepreneurial Awareness Camps
ESC	Electronics Service Centre	EDPs	Entrepreneurship Development Programmes
ETV	Educational Television Centre	EdCIL	Educational Consultant India Ltd
IRMU	Instructional Resources Marketing Unit	HODs	Head of Departments
IMCO	Information Management and Coordination	III	Industry Institute Interaction
Lib	Library	ISO	International Standard Organisation
Mech Engg	Mechanical Engineering	ISTE	Indian Society for Technical Education
MC	Media Centre	MHRD	Ministry of Human Resources Development
RD/ Rural Dev	Rural Development	NPIU	National Project Implementation Unit
States / UTs		Orgn (s)	Organisation(s)
All States	All States of Northern Region	PLCs	Programmable Logic Controllers
CH	Chandigarh	Polys	Polytechnics
DE	Delhi	PWDs	Persons with Disabilities
HA	Haryana	SPFU	State Project Facilitation Unit
HP	Himachal Pradesh		
J & K	Jammu and Kashmir		
MA	Maharashtra		
PU	Punjab		
RA	Rajasthan		
UK	Uttarakhand		
UP	Uttar Pradesh		

IMPORTANT TELEPHONE NUMBERS

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Sr. No.	Name of the Department	Contact Person	Extension Number (Office/Residence)
1.	Applied Science	Dr. A N Pathak	595/625
2.	Civil Engineering	Dr. Sanjay Sharma	514
3.	Computer Science	Mrs. Maitreyee Dutta	693
4.	Continuing Education/ Media Centre	Dr. Y K Anand	504
5.	Curriculum Development Centre	Dr. K M Rastogi	542/535
6.	Education and Educational Management	Dr. P K Tulsi	577
7.	Educational Television Centre	Dr. S S Pattnaik	562/619
8.	Electrical Engineering	Dr. S Chatterji	543/518
9.	Electronics and Communication Engineering /Electronics Service Centre	Shri O S Khanna	614
10.	Entrepreneurship Development and Industrial Co-ordination	Dr. D D Sharma	579/635
11.	Information Management & Coordination Unit	Dr. S S Banwait	552
12.	Mechanical Engineering	Dr. S C Laroia	507/519
13.	Rural Development / CPC	Dr. J S Saini	578/639
14.	Academic Cell	Dr. Sunil Dutt	594
15.	Library	Shri Manmohan Singh	586
16.	Administration	Shri K L Singla	502
17.	Accounts	Shri P P Kaushik	590