NATIONAL INSTITUTE OF TECHNICAL TEACHERS' TRAINING & RESEARCH, BHOPAL
(Under Govt. of india Ministry of Human Resource Development)

राष्ट्रीय तकनीकी शिक्षक प्रशिक्षण एवं अनुसंधान संस्थान, भोपाल
(मानव संसाधन विकास मंत्रालय, भारत सरकार के अधीन)

प्रशिक्षण कार्यक्रम

अप्रैल 2020 - मार्च 2021
एआईसीटीई स्वीकृत तकनीकी संस्थाओं के लिए

TRAINING PROGRAMMES

April 2020 - March 2021
For AICTE Approved Technical Institutes

VISION

To be the world class leader for integrated development of technical education and training systems catering to the changing needs while achieving highest level of client satisfaction/ quality/ professional values and contributing to technological/ economic and social development of the country.

MISSION

NITTTR Bhopal will act as a centre of excellence to:

Intensify teacher education for improving quality and performance of technical institutions.

Make the technical education a vibrant learning system for producing competent man power to steer technological and economic development.

Provide a wide spectrum of client driven services and products through various modes.

Strengthen networking and synergic partnership with technical institutions; industries/ field agencies/ and premier national and international organizations.

Promote creativity/ innovations/ research and development/ professional management practices/ concept of learning organization/ benchmarking and economics of education amongst client systems.

Enthuse the spirit of professionalism/ values and work ethics/ networking and partnership with industry and other organizations and technical institutions.

PREFACE FROM THE DIRECTOR

National Institute of Technical Teachers' Training and Research (NITTTR), Bhopal, established in 1965, has the vision to be a world class leader for comprehensive development of technical education and technical teachers training systems. With a mission to be the change agent, over the years, it has made innovations and reforms in the technical education system through research, training, development, dissemination and facilitation. In tune with the global needs, the institute has already introduced outcome-based interventions for technical education system and in teacher training in the western region.

Director, NITTTR Bhopal

NITTTR Bhopal offers need-based technical teachers training programmes every year based on training need analysis conducted and the felt needs of its stakeholders. The training programmes given in this calendar are based on the training needs assessment carried out in all the states of western region, recent developmental trends in the country and feedback of participants of previous training programmes. During April 2020 to March 2021, the institute plans to conduct approximately 86 training programme of two-week duration and more than 168 training programmes of one-week duration in which approximately 10000 participants are expected to be trained. This Annual Training Calendar has the details of the training schedules, regulations and procedures for registration, assessment and other details related to participation in the various programmes. Like every year, during 2020-21, 300 inter-disciplinary, subject-specific, state-specific training programmes are planned.

Last year online system of application for participation in a specific training programme was implemented in order to optimize the NITTTR Bhopal resources to better serve the states and institutes. The same system will be effectively implemented in the year 2020-21. All the states, institutions and faculty members are requested to follow the online system of NITTTR, Bhopal. Participation in any training programme will be through invitation from particular training programme coordinator only. So, application for attending training programmes will not be accepted through any other mode.

All the training programmes offered in the year 2020-21 are planned to be activity-based and all the participants are expected to maintain their portfolio of learning outcomes. There will be post-test to measure the impact of the training programmes. NITTTR Bhopal will issue the certificate to only those participants who have attended all the sessions during the programme, created a portfolio up to pre-defined level and successfully qualified in the post-test.

The application and registration for the Training programmes is made online. To ensure the participation Rs 2000.00 refundable fee will be charged from the participants for confirming the participation. This fee will be refunded to participants on attending the training programme. There is exemption of this fee for the participants whose name is sponsored by the Director Technical Education and have applied on line.

The institute has undertaken a project on Massive Open Online Courses **(MOOCs)** in the area of technical teacher education sponsored by **MHRD** under **SWAYAM** Platform. All the faculty members of technical institutions are requested to register for these programmes also.
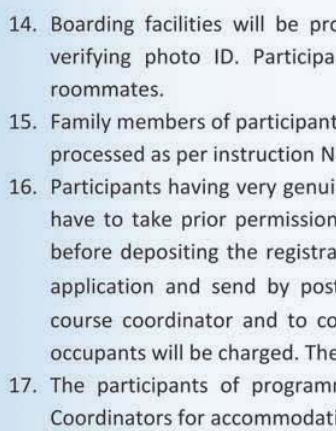
We hope that all states and technical institutions would avail the opportunity this year with added vigor to improve the quality of technical work force in the country.

Dr C Thangaraj

INSTRUCTIONS TO THE PARTICIPANTS

1. Training programmes scheduled at Bhopal are open for participants across the country unless otherwise specified.
2. Training programmes scheduled at other specific locations are state specific and open only for respective state participants.
3. Participants should ascertain and ensure their eligibility for specific programme before applying online.
4. All the participants are requested to apply online through the web site of NITTTR Bhopal (www.nitttrbpl.ac.in) only after obtaining permission from their competent authority. Participants are advised to go through the section on guidelines for on-line registration. If online registration facility is not available/difficult to access, participants may contact the course coordinator through e mail. The email address of all the NITTTR, faculty members is given in the soft copy of the calendar.
5. In this training calendar, target population is specified for each programme with the eligibility requirements for participation. Faculty members of all disciplines means faculty members of Engineering, Science and Humanities working in Technical Institutions like Engineering Colleges, Polytechnic Institutes, Pharmacy Institutes, Management Institutes and Deemed Universities of technical programmes, approved by the AICTE.
6. If the name of the participants for a particular programme appear in the list-issued by DTE of respective state then there is no need to deposit registration fee, but online application before 30 days of commencement of the programme is essential.
7. Participants are requested to apply on NITTTR website portal for any schedule calendar program even if DTE has not issued the order later on, if their name appears in DTE list they may update the DTE order no. 30 day before the commencement of the program.
8. The details of deposit of Registration fee are not required from the candidates whose name appear in DTE list.
9. Participation will be confirmed before 20 days of commencement of the programme. **Only confirmed participants should proceed for training others will not be entertained even if their names appears in DTE list.**
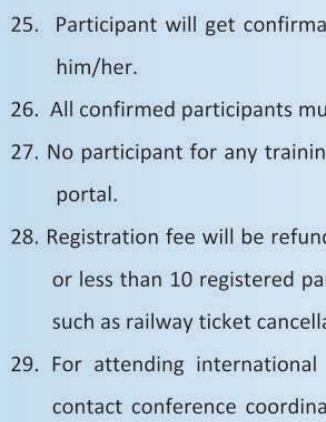
COURSE FEE, BOARDING AND LODGING

10. No fees will be charged from participants of the Government and Govt.-Aided Technical Institute and they will be reimbursed TA/DA as per NITTTR Bhopal norms. All eligible participants (Govt. and Govt.-aided Institutes) are advised to attach journey tickets (for both trains as well as bus travel modes) in TA bill, which has to be submitted by them on first day of the programme. This is applicable for Bhopal programmes and respective states programmes.
11. Training programme fees of Rs.2000.00 per day per participant plus 18% GST will be charged from the participants of self-financed, private institutes. Same charges will be applicable for tailor-made demand specific programmes for Government or Government-aided Institutes. Such participants will not be paid TA/DA by NITTTR Bhopal. These participants may avail Boarding and Lodging facilities as per allotment done by the Professor In-charge of accommodation facility, NITTTR Bhopal campus by paying charges as applicable. (Current Rates: Rs. 400.00 per day per participant for Lodging and Rs. 280.00 per day per person for Boarding. For latest charges, visit NITTTR Bhopal website).
12. The participants will bear the cost of online payments charged by M.P. Online. Currently it is Rs. 50 (Rs. Fifty only) + applicable taxes per transaction.
13. For Bhopal based programmes, depending upon the availability, the boarding arrangements will be made at any of the guest houses or hostels in the Institute campus.

14. Boarding facilities will be provided on "sharing basis" and on "first come first serve" basis after verifying photo ID. Participants have to mutually ensure that inconvenience is not caused to roommates.

15. Family members of participants are not allowed to stay in Guest house. Special cases will be processed as per instruction No. 16.

16. Participants having very genuine reasons for accommodating family members to stay in guest house have to take prior permission from Director, NITTTR, Bhopal. They are advised to take permission before depositing the registration fee of Rs. 2000/-. Participant should give justified reasons in the application and send by post/e-mail (director@nitttrbpl.ac.in). A copy should be given to the course coordinator and to competent authority of her/his institution. Payment for the additional occupants will be charged. The additional occupant has to produce photo ID.

17. The participants of programmes at NITTTR Regional Centers ought to contact Regional Center Coordinators for accommodation confirmation and food facility. No accommodation is available at RC Pune, RC Goa, and RC Raipur. So, participants are requested to make their own arrangements.

GUIDELINES FOR ONLINE REGISTRATION

18. NITTTR Bhopal will not reimburse the TA/DA, Boarding and Lodging expenses of the participants for training programmes which are offered on triple sharing basis. For triple sharing type of programmes participants are requested to apply for the programme which is offered in nearest institute and where they can make their own arrangement for boarding and lodging. Host institute will extend all training support facilities like seminar hall for 30 participants, drinking water, photocopying facility and clerical facility. They will also appoint local coordinator for managing the training programme.

19. A web interface would be provided to participant to login into the NITTTR, Bhopal POC Online system. Participant can sign up the online POC system using their email ID and mobile number. After sign-up, each candidate will be provided with a login ID and password by the administrator.

20. After the receipt of login-id and password, participants can login into the system and access his/her information.

21. Participant can apply only through online for any training programme till 30 days before the commencement of the programme.

22. Invitation to participants will be sent by programme coordinator within a week after last date for application to deposit the registration fee of Rs. 2000.00 (Rs. Two Thousand only).

23. Participant should do online payment of registration fee Rs. 2000.00 (within a period of minimum one day and maximum ten days) after receiving the invitation from training programme coordinator. This registration fee will be refunded on attending the training programme otherwise forfeited. It will neither be transferred to other candidates nor for the same candidate wants to apply for other programme. For many programmes demand is very high so after receiving the fee/DTE order for 30 participants online system will show seats are full means you can not deposit registration fee. In such cases please do not proceed for training.

24. Participants are required to update the online payment details on POC portal immediately after paying Rs.2000.00.

25. Participant will get confirmation (within a period of maximum ten days) after online payment made by him/her.

26. All confirmed participants must report at 9.30 am on the starting day of the training programme.

27. No participant for any training programme will be accepted unless confirmed online through NITTTR web portal.

28. Registration fee will be refunded if the programme is cancelled by NITTTR Bhopal for unavoidable reasons or less than 10 registered participants in that training programme. No other reimbursements of expenses such as railway ticket cancellation fee or other contingent expenses will be made by NITTTR Bhopal.

29. For attending international conferences, national conferences, seminars workshops participants may contact conference coordinators through e mail or on phone. A detailed Brochure of the same will be available on NITTTR web site.

ATTENDANCE

30 The participation is on confirmation basis. Hence participant who has not been confirmed or permitted by the Coordinator/ competent authority of NITTTR, Bhopal will not be allowed to attend the programme.

31 The confirmed participants are required to attend classes from 9.30 AM to 6.00 PM every day of the programme. No leave is permissible during the training programme, except in cases of emergency, with submission of evidence of reason. However, it is expected that participant taking leave for emergency reason should not remain absent for more than half day in one-week programme and one day in two weeks programmes.

32. Participants are required to register on first day of the programme at 9.30 am at Programme Organization Cell (POC) at Bhopal or at respective training venue.

33. The participants will be relieved only on the last day of the programme at 6.00 pm. If participants do not attend the full programme, neither certificate nor TA/DA will be paid to them. Participants are requested to provide online feedback on quality of training programme.

34. We do not have Boarding facilities at RO Pune, RC Raipur, and RC Goa.

35. For attending Induction Phase-II, successful completion of Induction Phase-I conducted through NITTTR, Bhopal is compulsory.

AWARD OF CERTIFICATE

36. Award of certificate is subject to satisfactory performance with respect to academic participation, assignments, presentations, test, attendance etc. of trainees during the training programme.

37. 100% attendance is expected during all the days of the training and achievement of minimum 60% marks in assessment scheme. The certificate will be issued to only those participants who will sincerely and punctually attend the programme.

38. A trainee is expected to achieve minimum 'B' grade i.e. 60% percentage marks for getting the certificate. Otherwise the trainee will be issued only the relieving letter.

ASSESSMENT SCHEME FOR ISSUING CERTIFICATE OF ACHIEVEMENT

S.No.	Assessment Criteria	Weightage in %
1.	Output of Assignments, tasks, activities, ability demonstration	50%
2.	Achievement Test	50%
	Total marks obtained out of 100	
	Grade Obtained	

Percentage Marks to grade conversion guideline: 80-100%: A grade; 60-79%: B grade; 40- 59 %: C grade; Below 40 %: D grade

CALENDAR PROGRAMMES (2020-21) AT A GLANCE

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ABBREVIATIONS USED

S. No.	Abbreviations	
1.	RC	Regional Centre
2.	IP	Induction Programmes
3.	ID	Interdisciplinary Programmes
4.	ITEC	Indian Technical and Economic Cooperation
5.	MOOC	Massive Open Online Courses
6.	NBA	National Board of Accreditation
7.	SAWAYAM	Study Webs of Active –Learning for Young Aspiring Minds
8.	DAS	Department of Applied Science
9.	DCEE	Department of Civil and Environmental Engineering
10.	DCEA	Department of Computer Engineering and Applications
11.	DEEE	Department of Electrical and Electronics Engineering
12.	DME	Department of Mechanical Engineering
13.	DEM	Department of Electronic Media
14.	DVEED	Department of Vocational Education and Entrepreneurship Development

15.	DERM	Department of Education Research and Management
16.	MH	Maharashtra State
17.	MP	Madhya Pradesh State
18.	GUJ	Gujarat State
19.	GOA	Goa State
20.	SS	Supporting Staff
21.	CDTP	Community Development Training Programme
22.	IC	International Conference
23.	NAC	National Conference

INTERDISCIPLINARY PROGRAMMES

Code	Title	Target Population	Duration	Venue	Faculty	Coordinating Department
ID-1	Research Paper and Research Proposal Writing	Faculty members of all disciplines	20-24 April 2020	NITTTR Bhopal	BS/AAD	DAS
ID-2	Laboratory Management and Upkeep	Faculty members of all disciplines	11-15 May 2020	NITTTR Bhopal	CM/ASW	DEM
ID-3	Innovative Teaching Techniques in Science and Engineering	Faculty members of all disciplines	18-22 May 2020	NITTTR Bhopal	DS/SA	DAS
ID-4	Blended Learning and MOOCs	Faculty members of all disciplines	15-19 June 2020	NITTTR Bhopal	KJM/RKK/PK*	DERM
ID-5	Green Energy and Sustainable Development	Faculty members of all disciplines	22-26 June 2020	NITTTR Bhopal	AAD/Expert	DERM
ID-6	Building Excellence in Technical Education	Faculty members of all disciplines	29 June - 03 July 2020	NITTTR Bhopal	RBS/BLG	DERM
ID-7	Guidance, Counselling and Mentoring Skills	Faculty members of all disciplines	06-10 July 2020	NITTTR Bhopal	ATK/AD	DERM
ID-8	Technology Enabled Teaching and Learning	Faculty members of all disciplines	20-24 July 2020	NITTTR Bhopal	DSK/KJM	DCEA
ID-9	Prepare Students for Job Interview	Faculty members of all disciplines	27-31 July 2020	NITTTR Bhopal	ND/AM	DVEED
ID-10	NBA Accreditation	Faculty members of all disciplines	10-14 Aug 2020	NITTTR Bhopal	BLG/MAR	DERM

Code	Title	Target Population	Duration	Venue	Faculty	Coordinating Department
ID-11	Managerial Skills	Faculty members of all disciplines and administrators	31 Aug -04 Sept 2020	NITTTR Bhopal	AAD/PD	DERM
ID-12	Innovations and Management of Change	Faculty members of all disciplines	07-11 Sept 2020	NITTTR Bhopal	RBS /RP	DERM
ID-13	Accreditation of Diploma Programmes	Faculty members of all disciplines	14-18 Sept 2020	NITTTR Bhopal	BLG/AR	DERM
ID-14	Entrepreneurship and Start-ups	Faculty members of all disciplines	05-09 Oct 2020	NITTTR Bhopal	ND/AM	DVEED
ID-15	Outcome Based Curriculum Implementation	Faculty members of all disciplines	12-16 Oct 2020	NITTTR Bhopal	KJM/RP	DEM
ID-16	Environment Pollution and e-Waste Management	Faculty members of all disciplines	19-23 Oct 2020	NITTTR Bhopal	PKP/BS	DAS
ID-17	Lab Manuals for Outcome Based Curriculum	Faculty members of all disciplines	02-06 Nov 2020	NITTTR Bhopal	SP/CSR	DME
ID-18	Developing Transition Pathways for Climate Change Mitigation and Adaptation	Faculty members of all disciplines	7-18 Dec 2020	NITTTR Bhopal	AAD/PD AAD/Expert	DERM
ID-19	MOOCs Courseware Development (*Two weeks*)	Faculty members of all disciplines	11-22 Jan 2021	NITTTR Bhopal	KJM/ SSK BLG /KJM	DEM
ID-20	2D Animation	Faculty members of all discipline	01-12 Feb 2021	NITTTR Bhopal	SSK/AAK SSK/Expert	DEM
ID-21	Effective Teaching for Developing Communication Skills	Faculty members of all discipline	22-26 Feb 2021	NITTTR Bhopal	ATK/AD	DERM

INDUCTION PROGRAMME – PHASE I

Code	Title	Target Population	Duration	Venue	Faculty	Coordinating Department
IP-1	Induction Programme Phase I	Faculty Members of all disciplines	13-24 April 2020	NITTTR BHOPAL	SK/ DS KS/ VHR	DEEE
IP-2	Induction Programme Phase I		27 April-08 May 2020	NITTTR BHOPAL	AP/ DSK VHR/ ND	DEEE
IP-3	Induction Programme Phase I		11-22 May 2020	NITTTR BHOPAL	KKJ/AKS RBS/RP	DME
IP-4	Induction Programme Phase I		01-12 June 2020	NITTTR BHOPAL	ATK/ASW PKP/AD	DERM
IP-5	Induction Programme Phase I		08-19 June 2020	NITTTR BHOPAL	SKG/SRY SP/ AR	RC Ahmedabad
IP-6	Induction Programme Phase I		22 June-03 July 2020	NITTTR BHOPAL	VS/DS RKD/AD	DME
IP-7	Induction Programme Phase I		06-17 July 2020	NITTTR BHOPAL	SRY/JPT AR/BLG	DCEE

Code	Title		Duration	Venue	Faculty	Coordinating Department
IP-8	Induction Programme Phase I		20-31 July 2020	NITTTR BHOPAL	CM/SKG DSK /PS	DEM
IP-9	Induction Programme Phase I		10-21 Aug 2020	NITTTR BHOPAL	MCP/CM AAK/ASW	DCEE
IP-10	Induction Programme Phase I		17-28 Aug 2020	NITTTR BHOPAL	JE/ SS SS/SSk	DEEE
IP-11	Induction Programme Phase I		31 Aug-11 Sept 2020	NITTTR BHOPAL	ATK /PS RP/SSM	DERM
IP-12	Induction Programme Phase I		14-25 Sept 2020	NITTTR BHOPAL	AAD/PS SS/AAK	DERM
IP-13	Induction Programme Phase I		12–23 Oct 2020	NITTTR BHOPAL	AKS/SK PD/AAD	DME
IP-14	Induction Programme Phase I		16 –27 Nov 2020	NITTTR BHOPAL	CM/SSK VHR/CSR	DEM
IP-15	Induction Programme Phase I		07–18 Dec 2020	NITTTR BHOPAL	MAR/ JPT CSR/ SKG	DCEA
IP-16	Induction Programme Phase I		28 Dec–08 Jan 2021	NITTTR BHOPAL	AAK/DS RKD/AD	DEM
IP-17	Induction Programme Phase I		11-22 Jan 2021	NITTTR BHOPAL	DSK/ATK SKG/SK	DCEA
IP-18	Induction Programme Phase I		08-19 Feb 2021	NITTTR BHOPAL	KS/KKJ VS/ASW	DERM
IP-19	Induction Programme Phase I		22Feb–05 March 2021	NITTTR BHOPAL	SS /RKK JE /MCP	DCEA
IP-20	Induction Programme Phase I		08-19 March 2021	NITTTR BHOPAL	BS/VS SA/MAR	DAS

INDUCTION PROGRAMME – PHASE II

Code	Title	Target Population	Duration	Venue	Faculty	Coordinating Department
IP-21	Induction Programme Phase II		13-24 April 2020	NITTTR BHOPAL	VS/SSK VHR/CSR	DME
IP-22	Induction Programme Phase II		27 April-08 May 2020	NITTTR BHOPAL	RP/KKJ JE/AAD	DERM
IP-23	Induction Programme Phase II		11-22 May 2020	NITTTR BHOPAL	AR/RP AM/KS	DVEED
IP-24	Induction Programme Phase II		01-12 June 2020	NITTTR BHOPAL	MCP/RKD JPT/PD	DCEE
IP-25	Induction Programme Phase II		08-19 June 2020	NITTTR BHOPAL	VHR/ND AKS/VS	DERM
IP-26	Induction Programme Phase II		15-26 June 2020	NITTTR BHOPAL	CM/ SS AAK/HJK	DEM
IP-27	Induction Programme Phase II		22 June-03 July 2020	NITTTR BHOPAL	SA/KS AAD/CM	DCEA
IP-28	Induction Programme Phase II		06-17 July 2020	NITTTR BHOPAL	PS/KJM RP/KS	DEM
IP-29	Induction Programme Phase II		20-31 July 2020	NITTTR BHOPAL	PS/JPT SSK/VHR	DEM
IP-30	Induction Programme Phase II		10-21 Aug 2020	NITTTR BHOPAL	KS/AM MCP/AD	DERM

IP-31	Induction Programme Phase II		17-28 Aug 2020	NITTTR BHOPAL	AR/SP JPT/BLG	DVEED
IP-32	Induction Programme Phase II		31 Aug-11 Sept 2020	NITTTR BHOPAL	RKD/ASR KKJ/VHR	DCEE
IP-33	Induction Programme Phase II	Faculty Members of all disciplines	14-25 Sept 2020	NITTTR BHOPAL	SRY/PKP JPT/JE	DCEE
IP-34	Induction Programme Phase II		12–23 Oct 2020	NITTTR BHOPAL	SS/AD SRY/RBS	DCEA
IP-35	Induction Programme Phase II		28 Sept-09 Oct 2020	NITTTR BHOPAL	ATK/AP PS/SK	DERM
IP-36	Induction Programme Phase II		16-27 Nov 2020	NITTTR BHOPAL	AKJ/ASW AR/SKG	DCEE
IP-37	Induction Programme Phase II		30 Nov-11 Dec 2020	NITTTR BHOPAL	VHR/AD ATK/RKD	DERM
IP-38	Induction Programme Phase II		07-18 Dec 2020	NITTTR BHOPAL	ASR/KS AKS/ND	RC Goa
IP-39	Induction Programme Phase II		28 Dec–08 Jan 2021	NITTTR BHOPAL	PD /BS KKJ/ DS	DERM
IP-40	Induction Programme Phase II		11-22 Jan 2021	NITTTR BHOPAL	RKK/SS AM /AAK	DCEA
IP-41	Induction Programme Phase II		01-12 Feb 2021	NITTTR BHOPAL	KS/AM MCP/PS	DERM
IP-42	Induction Programme Phase II		08-19 Feb 2021	NITTTR BHOPAL	PD/AP PS/SK	DERM
IP-43	Induction Programme Phase II		15-26 Feb 2021	NITTTR BHOPAL	ND/BLG RP/SP	DVEED
IP-44	Induction Programme Phase II		22 Feb-05 March 2021	NITTTR BHOPAL	JPT/JE SRY/PKP	DCEE
IP-45	Induction Programme Phase II		08-19 March 2021	NITTTR BHOPAL	PD/JPT AAK/VHR	DERM

DEPARTMENT OF APPLIED SCIENCES

Code	Title	Target Population	Duration	Venue	Faculty	Coordinating Department
DAS-1	Nanotechnology and Nano Materials	Faculty members of Physics and Chemistry	01-05 June 2020	NITTTR Bhopal	BS/HJK	DAS
DAS-2	Open Source Tools for Mathematics	Faculty members of Physics and Chemistry	27-31 July 2020	NITTTR Bhopal	DS/HJK	DAS
DAS-3	Cheminformatics and soft computations	Faculty members of Physics and Chemistry	24-28 Aug 2020	NITTTR Bhopal	BS/EXP	DAS
DAS-4	Making Mathematics Interesting and Understandable	Faculty members of Mathematics	21-25 Sept 2020	NITTTR Bhopal	DS/HJK	DAS
DAS-5	Operation and Maintenance of Science Lab Equipment	Faculty members of Mathematics	12-16 Oct 2020	NITTTR Bhopal	PKP/HJK	DAS
DAS-6	Nano Materials and Nanostructures and its Applications	Faculty members of Applied Science, Mechanical and Electronics	02-06 Nov 2020	NITTTR Bhopal	HJK/BS	DAS
DAS-7	Nuclear Science and its Engineering Applications	Faculty members Applied Science and Mechanical	23-27 Nov 2020	NITTTR Bhopal	HJK/PKP	DAS

Code	Title	Target Population	Duration	Venue	Faculty	Coordinating Department
DAS-8	Mathematics with SCILAB	Faculty members of Applied Science and Mathematics	30 Nov - 4 Dec 2020	NITTTR Bhopal	DS/HJK	DAS
DAS-9	Simulation of Physics Experiments with Scilab	Faculty members of Physics, and Electronics	28 Dec – 01 Jan 2021	NITTTR Bhopal	HJK/SK	DAS
DAS-10	Optimization Techniques & its Engineering Application	Faculty members of Applied Science and all engineering disciplines	11-15 Jan 2021	NITTTR Bhopal	DS/EXP.	DAS
DAS-11	Differential Equations and Partial Differential Equations with Engineering Applications	Faculty members of Applied Science and all engineering disciplines	18-22 Jan 2021	NITTTR Bhopal	DS/EXP	DAS
DAS-12	Research Paper & Research Proposal writing for Science Stream	Faculty members of Applied Science	01-12 Feb 2021	NITTTR Bhopal	DS/PKP BS/	DAS
DAS-13	Simulation Tools for Science Experiments	Faculty members of Physics, Chemistry and Civil Engineering	15-19 March 2021	NITTTR Bhopal	HJK/DS	DAS
DAS-14	Design of Low-Cost Lab experiments for Applied Sciences	Faculty members of Physics, Chemistry and electronics	22-26 March 2021	NITTTR Bhopal	PKP/BS	DAS

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

Code	Title	Target Population	Duration	Venue	Faculty	Coordinating Department
CE-1	Green Buildings Construction Technology	Faculty members of Civil Engineering	20-24 April 2020	NITTTR Bhopal	SRY/AKJ	DCEE
CE-2	Energy Efficient Building Designs and Rating for Sustainable Development	Faculty members of Civil Engineering	11-15 May 2020	NITTTR Bhopal	JPT/Expert	DCEE
CE-3	Life Assessment, Repair and Restoration of Structures	Faculty members of Civil Engineering	01 -05 June 2020	NITTTR Bhopal	SRY/Expert	DCEE
CE-4	Artificial Intelligence in Civil Engineering	Faculty members of Civil Engineering	22-26 June 2020	NITTTR Bhopal	RKD/JPT	DCEE
CE-5	Appropriate Building Materials and Construction Technologies	Faculty members of Civil Engineering	13-17 July 2020	NITTTR Bhopal	AKJ/MCP	DCEE
CE-6	Advances in Construction Technology and Management	Faculty members of Civil Engineering	17-21 Aug 2020	NITTTR Bhopal	SRY/AKJ	DCEE
CE-7	Structural Design using STAAD software	Faculty members of Civil Engineering	07-11 Sept 2020	NITTTR Bhopal	MCP/ Expert	DCEE
CE-8	Environmental Pollution and E-Waste Management	Faculty members of Civil Engineering	05-09 Oct 2020	NITTTR Bhopal	JPT/Expert	DCEE

Code	Title		Duration		Faculty	Coordinating Department
CE-9	Auto CAD	Faculty members of Civil Engineering	16-20 Nov 2020	NITTTR Bhopal	JPT/Expert	DCEE
CE-10	Water Harvesting System	Faculty members of Civil Engineering	14-18 Dec 2020	NITTTR Bhopal	SRY/Expert	DCEE
CE-11	Use of Plastics in road construction	Faculty members of Civil Engineering	18-22 Jan 2021	NITTTR Bhopal	SRY/Expert	DCEE
CE-12	Use of materials obtained from dismantling of Civil Engineering Structure	Faculty members of Civil Engineering	08-12 Feb 2021	NITTTR Bhopal	SRY/Expert	DCEE
CE-13	Industrial Training for faculties of Civil Engineering Department	Faculty members of Civil Engineering	15-19 March 2021	NITTTR Bhopal	RKD/MCP	DCEE

DEPARTMENT OF COMPUTER ENGINEERING AND APPLICATIONS

Code	Title	Target Population	Duration	Venue	Faculty	Coordinating Department
CA-1	Cloud Computing	Faculty members of Computer and allied disciplines	07-11 Sept 2020	NITTTR Bhopal	SS/Expert	DCEA
CA-2	Core Java Programming	Faculty members of Computer Engineering	14- 18 Sept 2020	NITTTR Bhopal	SS/PNH*	DCEA
CA-3	Network Management and Administration in Linux	Faculty members of Computer and IT	21-25 Sept 2020	NITTTR Bhopal	SA/Expert	DCEA
CA-4	Advanced Java Web Programming (Servlet, JSP and Tomcat)	Faculty members of Computer and IT	05-09 Oct 2020	NITTTR Bhopal	SS/PNH*	DCEA
CA-5	Python Programming	Faculty members of Computer and IT	12-16 Oct 2020	NITTTR Bhopal	DSK/RKK	DCEA
CA-6	Network Administration and Server Management using Windows	Faculty members of Computer and IT	19-23 Oct 2020	NITTTR Bhopal	RKK/MAR	DCEA
CA-7	Web based Application Development using PHP	Faculty members of Computer and IT	02-06 Nov 2020	NITTTR Bhopal	MAR/RKK	DCEA
CA-8	Advanced Java Framework (Spring, Hibernate and Java Server Faces)	Faculty members of Computer and IT	23-27 Nov 2020	NITTTR Bhopal	SS/PNH*	DCEA

Code	Title	Target Population	Duration	Venue	Faculty	Coordinating Department
CA-9	Open source education software	Faculty members of all disciplines	07-11 Dec 2020	NITTTR Bhopal	SA/DSK	DCEA
CA-10	Machine Learning and Data Analytics	Faculty members of all disciplines	14-18 Dec 2020	NITTTR Bhopal	SS/Expert	DCEA
CA-11	Learning Management System	Faculty members of all disciplines	04-08 Jan 2021	NITTTR Bhopal	SA/RKK	DCEA
CA-12	Web Based Courseware Development	Faculty members of all disciplines	18-22 Jan 2021	NITTTR Bhopal	DSK/SA	DCEA

*Technical Associate

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Code	Title	Target Population	Duration	Venue	Faculty	Coordinating Department
EE-1	Multisim for Analog and Digital Circuit Design	Faculty members of Electronics, Communication Engineering and Allied disciplines	13-17 April 2020	NITTTR Bhopal	AP/SSM	DEEE
EE-2	Lab Experiments Development in Electrical and Electronics Engineering for Outcome based Education	Faculty members of Electrical Engineering and Allied disciplines	18-22 MAY 2020	NITTTR Bhopal	ASW/SK	DEEE
EE-3	Small Wind Turbine Technology	Faculty members of Electrical, Electronics & Communication Engineering and Allied disciplines	27 April-01 May 2020	NITTTR Bhopal	JE/ASW	DEEE
EE-4	PLC and SCADA	Faculty members of Electrical, Electronics allied disciplines	04-08 May 2020	NITTTR Bhopal	CSR/AP	DEEE
EE-5	VLSI and VHDL	Faculty members of Electronics Engineering and Allied disciplines	11-15 May 2020	NITTTR Bhopal	SK/AP	DEEE
EE-6	Satellite and Mobile Communication	Faculty members of Electronics, Communication Engineering and Allied disciplines	18-22 May 2020	NITTTR Bhopal	AP/Expert	DEEE
EE-7	Embedded System	Faculty members of Electronics, Communication Engineering and Allied disciplines	15-19 June 2020	NITTTR Bhopal	SK /SSM	DEEE

EE-8	Installation, Testing and Maintenance of Electric Equipment and Instruments	Faculty members of Electrical Engineering	22-26 June 2020	NITTTR Bhopal	ASW/SK	DEEE
EE-9	Advance in Energy Management	Faculty members of Electrical, Engineering & Allied Engineering.	06-10 July 2020	NITTTR Bhopal	CSR/SSM	DEEE
EE-10	Fiber Optics Communication & Relevant Simulation Tool	Faculty members of Electronics, Communication Engineering and Allied disciplines	13-17 July 2020	NITTTR Bhopal	AP/Expert	DEEE
EE-11	Simulation Tools for Electronics & Telecommunication Engineering.	Faculty members of Electronics, Communication Engineering and Allied disciplines	07-11 SEPT 2020	NITTTR Bhopal	AP/SK	DEEE
EE-12	IOT Interfacing + Programming	Faculty members of Electronics, Communication Engineering and Allied disciplines	10-14 Aug 2020	NITTTR Bhopal	AP/SK	DEEE
EE-13	Programme On Adriano I0T & AI	Faculty members of Electronics, Communication Engineering and allied disciplines	17-21 Aug 2020	NITTTR Bhopal	SK/AP	DEEE
EE-14	Industrial Training Modalities	Faculty members of Electronics and Allied disciplines	21-25 Sept 2020	NITTTR Bhopal	SSM / available faculty	DEEE
EE-15	Renewable Energy with Emphasis on Wind and Solar	Faculty members of Electronics, Electrical Engineering and Allied disciplines	28 Sept - 02 Oct 2020	NITTTR Bhopal	JE/ASW	DEEE
EE-16	MATLAB	Faculty members of all disciplines	14-18 Dec 2020	NITTTR Bhopal	SSM/AP	DEEE
EE-17	LABVIEW	Faculty members of Electronics, Communication Engineering and Allied disciplines	11-15 Jan 2021	NITTTR Bhopal	AP/SK	DEEE
EE-18	SCILAB	Faculty members of all disciplines	08-12 Feb 2021	NITTTR Bhopal	SK/HJK	DEEE
EE-19	MATLAB FOR Electrical and Electronics Engineers	Faculty members of Electrical, Electronics & Communication Engineering and Allied disciplines	15-19 March 2021	NITTTR Bhopal	SSM/AP	DEEE

DEPARTMENT OF MECHANICAL ENGINEERING

Code	Title	Target Population	Duration	Venue	Faculty	Coordinating Department
ME-1	Assessment of laboratory Experiments in Mechanical Engineering	Teachers of Mechanical and Allied Discipline	27 April - 01 May 2020	NITTTR Bhopal	VS/SP	DME
ME-2	Solid Modeling and Assembly using CATIA Software	Teachers of Mechanical and Allied Discipline of Polytechnics and Engineering college	11-15 May 2020	NITTTR Bhopal	SP/Expert	DME
ME-3	Workshop Maintenance and Management for Workshop Superintendents and Instructor	Workshop Superintendents and Instructors of Mechanical Engineering	18-22 May 2020	NITTTR Bhopal	AKS/KKJ	DME
ME-4	Structural Analysis using Ansys Software	Teachers of Mechanical and Allied Discipline of Polytechnics and Engineering college	1-5 June 2020	NITTTR Bhopal	SP/Expert	DME
ME-5	CNC Part Programming	Teachers of Mechanical and Allied Discipline	24-28 Aug 2020	NITTTR Bhopal	AKS/ Expert	DME
ME-6	Recent Trends in Automotive Technology	Teachers of Mechanical and Allied Discipline	12-16 Oct 2020	NITTTR Bhopal	KKJ/ Expert	DME
ME-7	Resource Management for Manufacturing Sector	Teachers of Mechanical and Allied Discipline	02-06 Nov 2020	NITTTR Bhopal	AKS/KKJ	DME
ME-8	Automation in Manufacturing Industries	Teachers of Mechanical and Allied Discipline	22-26 March 2021	NITTTR Bhopal	VS/CSR	DME

PROGRAMMES FOR MAHARASHTRA STATE AT NITTTR REGIONAL CENTRE, PUNE

Code	Title	Target Population	Duration	Venue	Faculty	Coordinating Department
MH-1	Induction Phase-I	Faculty members of all disciplines	20 April- 01 May 2020	RC, Pune	RKD/SA ASR/CM	DCEE

MH-2	Induction Phase-II	Faculty members of all disciplines. Those who have completed Phase-I	11-22 May 2020	RC, Pune	AD/ATK JPT/PS	DERM
MH-3	Induction Phase-I	Faculty members of all disciplines	01-12 June 2020	RC, Pune	KKJ/CSR PS/SK	DME
MH-4	Induction Phase-II	Faculty members of all disciplines. Those who have completed Phase-I	15-26 June 2020	RC, Pune	AM /AD RBS/MCP	DVEED
MH-5	Induction Phase-I	Faculty members of all disciplines	13-24 July 2020	RC, Pune	SS/AAK SSK/VS	DCEA
MH-6	Induction Phase-II	Faculty members of all disciplines. Those who have completed Phase-I	17-28 Aug 2020	RC, Pune	RP/KJM CSR/RBS	DERM
MH-7	Induction Phase-I	Faculty members of all disciplines	07-18 Sept 2020	RC, Pune	MAR/DS VS/KKJ	DCEA
MH-8	Induction Phase-II	Faculty members of all disciplines. Those who have completed Phase-I	12-23 Oct 2020	RC, Pune	VHR/PS SA /ASW	DERM
MH-9	Induction Phase-I	Faculty members of all disciplines	04-15 Jan 2021	RC, Pune	AAK/KJM SRY/MCP	DEM
MH-10	Induction Phase-II	Faculty members of all disciplines. Those who have completed Phase-I	22 Feb-05 March 2021	RC, Pune	RKD/MCP SSM/RP	DCEE
MH-11	Leadership Development	Principal's and HOD's of Maharashtra State	08-10 March 2021	RC, Pune	RBS/BLG	DERM
MH-12	Leadership Development	Principal's and HOD's of Maharashtra State	15-17 March 2021	RC, Pune	RBS/AAD	DERM

PROGRAMMES FOR MAHARASHTRA STATE ON TRIPLE SHARING BASIS

Code	Title	Target Population	Duration	Venue	Faculty	Coordinating Department
MHS-1	Prepare Students for Job Interview	Faculty members of all disciplines.	13-17 April 2020	GP, Nandurbar	ND/AM	DVEED
MHS-2	Induction Phase-II	Faculty members of all disciplines. Those who have completed Phase-I	20 April-01 May 2020	GP, Mumbai	AD/AR PD/AKS	DERM

MHS-3	Accreditation of Diploma	Faculty members of all	18-22 May	Puranmal Lahoti	CSR/SP	DEEE
MHS-4	IOT (Internet of Things)	Faculty members of all disciplines.	8-12 June 2020	Puranmal Lahoti, GP Latur	AP/Expert	DEEE
MHS-5	Python Programming	Faculty members of all disciplines.	8-12 June 2020	GP, Mumbai	RKK/SA	DCEA
MHS-6	IOT Interfacing + Programming	Faculty members of all disciplines.	22-26 June 2020	GP, Kolhapur	AP/Expert	DEEE
MHS-7	ARDUINO PROGRAMMING	Faculty members of all disciplines.	14-18 Dec 2020	GP, Mumbai	SK/HJK	DEEE
MHS-8	Induction Phase-II	Faculty members of all disciplines. Those who have completed Phase-I	06-17 July 2020	GP, Nagpur	AR/KS AAD/CSR	DVEED
MHS-9	Managerial Skills	Faculty members of all disciplines and Administrators	27-31 July 2020	Puranmal Lahoti GP, Latur	PD/RBS	DERM
MHS-10	Skill Based Teaching & Learning	Faculty members of all disciplines	17-21 Aug 2020	GP, Mumbai	AKS/MAR	DME
MHS-11	Project Based Learning	Faculty members of all disciplines.	14-18 Sept 2020	GP, Thane	AAK/AD	DEM
MHS-12	Accreditation of Diploma Programmes	Faculty members of all disciplines.	7-11 Sept 2020	Institute of Civil & Rural Engineering Gargoti, Kolhapur	CSR/RKK	DEEE
MHS-13	Entrepreneurship and Start-ups	Faculty members of all disciplines.	21-25 Sept 2020	GP, Aurangabad	ND/AM	DVEED
MHS-14	Induction Phase-1	Faculty members of all disciplines.	05-16 Oct 2020	GP, Ahmednagar	BS /SKG SSK/CSR	DAS
MHS-15	MOOC Preparing Programme	Faculty members of all disciplines.	19-23 Oct 2020	GP, Mumbai	KJM/DSK	DEM
MHS-16	Induction Phase-1	Faculty members of all disciplines.	16-27 Nov 2020	GP, Aurangabad	PKP/BS AD/ RP	DAS
MHS-17	Blended Learning and MOOCs	Faculty members of all disciplines.	07-11 Dec 2020	GP, Aurangabad	KJM/ RKK	DERM

MHS-18	Induction Phase-1	Faculty members of all disciplines.	28 Dec-08 Jan 2021	GP, Nasik	JE/KKJ PKP/HJK	DEEE
MHS-19	Managerial Skills	Faculty members of all disciplines and Administrators	11-15 Jan 2021	Puranmal Lahoti GP, Latur	PD /RP	DERM
MHS-20	Startup Motivation to Students	Faculty members of all disciplines.	08-12 Feb 2021	GP, Jalgaon	AM/EXPERT	DVEED
MHS-21	Accreditation of Diploma Programmes	Faculty members of all disciplines.	22-26 Feb 2021	Institute of Civil & Rural Engineering Gargoti, Kolhapur	AR/BLG	DVEED
MHS-22	Guidance counseling and mentoring skills	Faculty members of all disciplines.	22-26 March 2021	GP, Aurangabad	ATK/AD	DERM

PROGRAMMES FOR GUJARAT STATE, NITTTR REGIONAL CENTRE, AHMEDABAD

Code	Title	Target Population	Duration	Venue	Faculty	Coordinating Department
Guj-1	Induction Phase-II	Faculty members of all disciplines. Those who have completed Phase-I	13-24 April 2020	RC, Ahmedabad	SKG/ AAK/PS	RC, A'BD
Guj-2	Rubrics for the computer science and allied Disciplines for diploma Programmes	Faculty members of computer science and allied Disciplines for diploma Programmes	20-24 April 2020	RC, Ahmedabad	MAR/ RKK	DCEA
Guj-3	Induction Phase-II	Faculty members of all disciplines	27 April-08 May 2020	RC, Ahmedabad	ATK/KS PS/MCP	DERM
Guj-4	Rubrics for the Mechanical and allied Disciplines for diploma Programmes	Faculty members of Mechanical and allied Disciplines for diploma Programmes	04-08 May 2020	RC, Ahmedabad	SKG/VS	RC, A'BD
Guj-5	Induction Phase-II	Faculty members of all disciplines	11-22 May 2020	RC, Ahmadabad	RBS/SKG AKJ/PD	DERM
Guj-6	Rubrics for the Civil and Allied Disciplines for Diploma Programmes	Faculty members of Civil and allied Disciplines for diploma Programmes	18-22 May 2020	RC, Ahmadabad	RKD/MCP	DCEE
Guj-7	Induction Phase-II	Faculty members of all disciplines	01 -12 June 2020	RC, Ahmadabad	JPT/ KS SRY/SS	DCEE
Guj-8	Rubrics for the Electrical and Allied Disciplines for Diploma Programmes	Faculty members of Electrical and allied Disciplines for diploma Programmes	08-12 June 2020	RC, Ahmedabad	JE/SSM	DEEE

Guj-9	Induction Phase-II	Faculty members of all disciplines	15 -26 June 2020	RC, Ahmedabad	ATK/ ND KKJ/ PD	DERM
Guj-10	Rubrics for the Electronics and Allied Disciplines for Diploma Programmes	Faculty members of Electronics and allied Disciplines for diploma Programmes	22-26 June 2020	RC, Ahmedabad	SSM/CSR	DEEE
Guj-11	Induction Phase-I	Faculty members of all disciplines	29 June - 10 July 2020	RC, Ahmedabad	PS/SKG VS/AAK	DEM
Guj-12	Rubrics for the Computer Science and Allied Disciplines for Graduate Programmes	Faculty members of Computer Science and allied Disciplines for Graduate Programmes	06-10 July	RC, Ahmedabad	DSK/SA	DCEA
Guj-13	Induction Phase-I	Faculty members of all disciplines	13-24 July 2020	RC, Ahmedabad	RKK/ASW ATK/VHR	DCEA
Guj-14	Rubrics for the Mechanical and Allied Disciplines for Graduate Programmes	Faculty members of Mechanical and allied Disciplines for Graduate Programmes	20-24 July 2020	RC, Ahmedabad	KKJ/AKS	DME
Guj-15	Rubrics for the Civil and Allied Disciplines for Graduate Programmes	Faculty members of Civil and allied Disciplines for Graduate Programmes	03-07 Aug 2020	RC, Ahmedabad	JPT /MCP	DCEE
Guj-16	Induction Phase-I	Faculty members of all disciplines	17-28 Aug 2020	RC, Ahmedabad	SKG/KKJ /MCP	RC, A'BD
Guj-17	Research Paper and Research Proposal Writing	Faculty members of all disciplines	31 Aug- 04 Sept 2020	RC, Ahmedabad	BS/PKP	DAS
Guj-18	Rubrics for the Electrical and Allied Disciplines for Diploma Programmes	Faculty members of Electrical and allied Disciplines for Graduate Programmes	24-28 Aug 2020	RC, Ahmedabad	JE/ASW	DEEE
Guj-19	Guidance, Counselling and Mentoring Skills	Faculty members of all disciplines	07-11 Sept 2020	RC, Ahmedabad	PD/KS	DERM
Guj-20	Rubrics for the Electronics and Allied Disciplines for Graduate Programmes	Faculty members of Electronics and allied Disciplines for Graduate Programmes	19-23 Oct 2020	RC, Ahmedabad	SSM/AP	DEEE
Guj-21	Total Quality Management in Industries and Institutes	Faculty members of all disciplines	14-18 Sept 2020	RC, Ahmedabad	RBS/VHR	DERM
Guj-22	Statistical Tools for Science and Engineering Research	Faculty members of all disciplines	21-25 Sept 2020	RC, Ahmedabad	PKP/BS	DAS
Guj-23	Outcome based lab manual development (Electrical and Mechanical)	Faculty members of Electrical and Mechanical disciplines	05-09 Oct 2020	RC, Ahmedabad	VS/ASW	DME
Guj-24	Effective Teaching for Developing Communication Skills	Faculty members of all disciplines	23-27 Nov 2020	RC, Ahmedabad	KS/SSM	DERM
Guj-25	Effective Teaching for Mathematics	Faculty members of all disciplines	14-18 Dec 2020	RC, Ahmedabad	DS/PKP	DAS

Guj-26	Effective use of Office Software	Faculty members of all disciplines	11-15 Jan 2021	RC, Ahmedabad	ABD*/AC*	DCEA
Guj-27	Accreditation of Engineering Programmers	Faculty members of all disciplines	01-05 Feb 2021	RC, Ahmedabad	SP/ AR	DME
Guj-28	Managerial Skills for Senior Teachers	Faculty members of all disciplines	08-12 Feb 2021	RC, Ahmedabad	AAD/BLG	DERM
Guj-29	Outcome Based Curriculum Implementation	Faculty members of all disciplines	22-26 March 2021	RC, Ahmedabad	AAK/CM	DEM

*Technical Programme Assistance

PROGRAMMES FOR GUJARAT STATE ON TRIPLE SHARING BASIS

Code	Title	Target Population	Duration	Venue	Faculty	Coordinating Department
Gujs-1	Innovation in Teaching and Learning	Faculty members of all disciplines	18 - 22 May 2020	GP, Daman	MAR/BS	DCEA
Gujs-2	FDP on Advanced Pedagogy	Faculty members of all disciplines	13 - 17 July 2020	GP, Daman	SKG/JE	Ext. GUJ

PROGRAMMES FOR GOA STATE AT NITTTR REGIONAL CENTRE, GOA

Code	Title	Target Population	Duration	Venue	Faculty	Coordinating Department
Goa-1	Workshop for Finalizing Modalities for Industrial Training for Teachers	Faculty members of all disciplines	07-09 April 2020	RC Goa	ASR/CM	RC, Goa
Goa-2	Induction Programme Phase-II	Faculty members of all disciplines. Those who have completed Phase-I	04-15 May 2020	RC Goa	BS/MAR ASR/PKP	DAS
Goa-3	Effective Management of engineering Laboratory/Workshop	For technical and supporting staff	08-12 June 2020	RC Goa	ASW/VS	DEEE
Goa-4	Statistical Tools in Science and Engineering Research	Faculty members of all disciplines	06-10 July 2020	RC Goa	RP/ASR	DERM
Goa-5	Research Paper and Research Proposal Writing	Faculty members of all disciplines	20-24 July 2020	RC Goa	ASR/AD	RC, Goa
Goa-6	MOOCs Courseware Development	Faculty members of all disciplines	07-11 Sept 2020	RC Goa	KJM/ASR	DEM
Goa-7	Blended Learning and MOOCs	Faculty members of all disciplines	21–25 Sept 2020	RC Goa	RKK/DSK	DCEA
Goa-8	Innovative Teaching Techniques in Science and Engineering	Faculty members of all disciplines	05-09 Oct 2020	RC Goa	DS/ASR	DAS

Goa-9	Design, Development and use of Rubric in Students Assessment	Faculty members of all disciplines	19-23 Oct 2020	RC Goa	SP/BLG	DME
Goa-10	Guidance, Counselling and Mentoring Skills	Faculty members of all disciplines	02-06 Nov 2020	RC Goa	KS/ATK	DERM
Goa-11	Work Ethics for supporting staff	Faculty members of all disciplines	23-27 Nov 2020	RC Goa	ASR/AM	RC, Goa
Goa-12	Mathematics for Engineering Applications	Faculty members of all disciplines	07-11 Dec 2020	RC Goa	DS/Expert	DAS
Goa-13	Outcome Based Assessment	Faculty members of all disciplines	04-08 Jan 2021	RC Goa	JPT/ASR	DCEE
Goa-14	Laboratory Management and Upkeep	Faculty members of all disciplines	18-22 Jan 2021	RC Goa	VS/AR	DME
Goa-15	Energy efficiency in laboratory and workshop	For technical and supporting staff	01-03 Feb 2021	RC Goa	ASR/Expert	RC, Goa
Goa-16	Green Technologies for Sustainable Development	Faculty members of all disciplines	15-19 Feb 2021	RC Goa	AAD/ASR	DERM
Goa-17	Prepare Students for Job Interview	Faculty members of all disciplines	01-05 Mar 2021	RC Goa	ND/AM	DVEED

Note: Teacher of Govt. and Govt. aided Institution from Maharashtra, Gujarat, Madhya Pradesh and Chhattisgarh may also attend the programme at RC, Goa on the condition that they will not be reimbursed T.A., D.A., Boarding, Lodging expenses. Teachers from self-financed Institute may also attend the programme with the condition that they will pay the course fee of Rs. 2000/- per day person plus GST and bear the Travel, Boarding and lodging expenses.

PROGRAMMES FOR GOA STATE ON TRIPLE SHARING BASIS

Code	Title	Target Population	Duration	Venue	Faculty	Coordinating Department
Goas-1	NBA Accreditation	Faculty members of all disciplines	23-25 June 2020	GP, Panaji	SP/ASR	DME
Goas-2	NBA Accreditation	Faculty members of all disciplines	11-13 June 2020	GP, Bicholim	MAR/BS	DCEA
Goas-3	NBA Accreditation	Faculty members of all disciplines	15-17 June 2020	GP, Curchorem	DSK/ASR	DCEA
Goas-4	NBA Accreditation	Faculty members of all disciplines	03-05 Aug 2020	Institute of Shipbuilding Technology, Vasco	SRY/ASR	DCEE

PROGRAMMES FOR MADHYA PRADESH STATE AT NITTTR, BHOPAL

Code	Title	Target Population	Duration	Venue	Faculty	Coordinating Department
MP-1	MATLAB software	Faculty members of all disciplines	20-24 April 2020	NITTTR BHOPAL	SSM/AP	DEEE
MP-2	Blended Learning and MOOCs	Faculty members of all disciplines	01-05 June 2020	NITTTR BHOPAL	RKK/KJM	DCEA
MP-3	Entrepreneurship and Start-ups	Faculty members of all disciplines	22-26 June 2020	NITTTR BHOPAL	ND/AM	DVEED
MP-4	Environmental Pollution and Prevention	Faculty members of all disciplines	07-11 Sept 2020	NITTTR BHOPAL	JPT/SRY	DCEE
MP-5	Web based Courseware Development	Faculty members of all disciplines	05-09 Oct 2020	NITTTR BHOPAL	MAR/RKK	DCEA
MP-6	Self-Learning using Online Resources	Faculty members of all disciplines	23-27 Nov 2020	NITTTR BHOPAL	KJM/ DSK	DEM
MP-7	Materials and Stores Management	Faculty members of all disciplines	01-05 Feb 2021	NITTTR BHOPAL	AKS/HJK	DME
MP-8	Outcome based Assessment	Faculty members of all disciplines	22-26 Feb 2021	NITTTR BHOPAL	SA/CM	DCEA
MP-9	MOOCs Courseware Development	Faculty members of all disciplines	15-19 March 2021	NITTTR BHOPAL	SSK/BLG	DEM
MP-10	Lab Manuals for Outcome based curriculum	Technical Teachers of all disciplines	22-26 March 2021	NITTTR BHOPAL	SS/RBS	DCEA

PROGRAMMES FOR SUPPORTING STAFF

Code	Title	Target Population	Duration	Venue	Faculty	Coordinating Department
SS-1	Office Automation Applications	Secretarial Staff	13-17 April 2020	NITTTR BHOPAL	PNH*/ABD*	DCEA
SS-2	Effective Management of Laboratory/ Workshop	For Technical Supporting Staff	01-05 June 2020	NITTTR BHOPAL	SSM/VS	DEEE
SS-3	Work Ethics, Motivational Climate and Attitude Development	Technical and Office Staff	01-05 June 2020	NITTTR BHOPAL	RP/AAD	DERM
SS-4	Electrical and Electronics related application software (for technical supporting staff)	Faculty members of Electronics, Communication Engineering and allied disciplines	13-17 July 2020	NITTTR Bhopal	SSM/SK	DEEE

SS-5	Computer Hardware Maintenance	Technical Staff	20-24 July 2020	NITTTR BHOPAL	ABD*/DP*	DCEA
SS-6	Library Management	Supporting Staff	24-28 Aug 2020	NITTTR BHOPAL	AAD/EXPERT	DERM
SS-7	Stores and Purchase management	Supporting Staff	7-11 Sept 2020	NITTTR BHOPAL	AKS/HJK	DME

*Technical Programme Assistance

PROGRAMMES ON COMMUNITY DEVELOPMENT THROUGH POLYTECHNIC SCHEME (CDTP)

Code	Title	Target Population	Duration	Venue	Faculty	Coordinating Department
CD-1	Review & Planning Workshop under CDTP Scheme for Madhya Pradesh & Chhattisgarh	Faculty responsible for CDTP scheme	9-11 June 2020	NITTTR BHOPAL	AKJ/CM	DCEE
CD-2	Review & Planning Workshop under CDTP Scheme for Gujarat state and Goa State	Faculty responsible for CDTP scheme	24-26 June 2020	Ahmadabad	AKJ/SKG	DCEE
CD-3	Review & Planning Workshop under CDTP Scheme for Maharashtra state (Aurangabad Pune and Mumbai Region)	Faculty responsible for CDTP scheme	7-9 July 2020	RC, Pune	AKJ/RKD	DCEE
CD-4	Review & Planning Workshop under CDTP Scheme for Maharashtra State (Nagpur Nashik and Amravati Region)	Faculty responsible for CDTP scheme	21-23 July 2020	NITTTR BHOPAL	AKJ/AR	DCEE
CD-5	Review & Planning Workshop under PWD scheme	Faculty responsible for PWD scheme	5-7 Aug 2020	NITTTR BHOPAL	AKJ/KS	DCEE
CD-6	Orientation programme for newly appointed Internal Coordinators and Community Development Consultants	Newly recruited faculty working for CDTP scheme	24-28 Aug 2020	NITTTR BHOPAL	AKJ/CM	DCEE
CD-7	Induction programme for Vocational instructors under CDTP Scheme	Faculty responsible for CDTP scheme	21-25 Sept 2020	NITTTR BHOPAL	AKJ/VHR	DCEE
CD-8	Induction programme for Vocational instructors under PWD Scheme	Faculty responsible for Vocational and PWD scheme	5-9 Oct 2020	NITTTR BHOPAL	AKJ/CM	DCEE

CD-9	Role of Technical institution in community development	Faculty responsible for CDTP scheme	7-11 Dec 2020	NITTTR BHOPAL	AKJ/VHR	DCEE
CD-10	Rural Entrepreneurship	Faculty responsible for CDTP scheme	1-5 Feb 2021	NITTTR BHOPAL	AKJ/ND	DCEE
CD-11	TOT on Welding and Fabrication under CDTP	Welding and Workshop Superintendent Instructors	15-19 March 2021	NITTTR Bhopal	AKS/AKJ	DME

CPSC SPONSORED INTERNATIONAL PROGRAMME

Code	Title	Duration	Venue	Co-Ordinator	Coordinating Department
CPSC-1	CPSC & NITTTR Regional Programme & International Conference on Training of Master Trainers for Competency based Training	20-24 April 2020	NITTTR Bhopal	BLG	DERM

ITEC PROGRAMMES FOR 2020-21

Code	Title	Target Population	Duration	Venue	Faculty	Coordinating Department
ITEC-1	Developing soft skills for academicians, administrators, entrepreneurs and other professionals: Indian experiences	Participates will be identified by MHRD	07-18 Sept 2020	NITTTR BHOPAL	AR, ND, CM, AM	DVEED
ITEC-2	Managerial skills for academicians and administrators	Participates will be identified by MHRD	05-16 Oct 2020	NITTTR BHOPAL	RP, PD, BLG, AAD	DERM
ITEC-3	Women entrepreneurship and start-ups: policy framework & skill development	Participates will be identified by MHRD	12-23 Oct 2020	NITTTR BHOPAL	ND, AR, CM, AM	DVEED
ITEC-4	Outcome-based curriculum and assessment	Participates will be identified by MHRD	19-30 Oct 2020	NITTTR BHOPAL	JE, SKG, SSM	DEEE
ITEC-5	Design of training and development programmes	Participates will be identified by MHRD	02-13Nov 2020	NITTTR BHOPAL	BLG, VHR	DERM
ITEC-6	Promoting green entrepreneurship for sustainable development	Participates will be identified by MHRD	16-27 Nov 2020	NITTTR BHOPAL	AM, AR, ND, CM	DVEED
ITEC-7	Design & development of massive open online course (MOOC)	Participates will be identified by MHRD	16 Nov-04 Dec 2020	NITTTR BHOPAL	KJM, AAK, SSK, PK*	DERM
ITEC-8	Women empowerment: issues, challenges and policy guidelines.	Participates will be identified by MHRD	30 Nov-11 Dec 2020	NITTTR BHOPAL	ATK, KS, AD	DERM

Code	Title	Participants	Duration	Venue	Faculty	Coordinating Department
ITEC-9	Frameworks for enhancing outreach of education by effective use of digital media	Participates will be identified by MHRD	12-23 Dec 2020	NITTTR BHOPAL	AAK, SSK, PS, VHR	DEM
ITEC-10	Effective strategies for resource management of educational institutes	Participates will be identified by MHRD	11-22 Jan 2021	NITTTR BHOPAL	AKS, VS, KKJ, SP	DME
ITEC-11	Industry 4.0 and TVET	Participates will be identified by MHRD	18-29 Jan 2021	NITTTR BHOPAL	SP, RKD, SSM	DME
ITEC-12	Digital media design for open education resources	Participates will be identified by MHRD	18 Jan-05 Feb 2021	NITTTR BHOPAL	SSK, KJM, AAK	DEM
ITEC-13	Outcome based education and accreditation	Participates will be identified by MHRD	01-12 Feb 2021	NITTTR BHOPAL	DSK, RKD, SA, SP	DCEA
ITEC-14	Renewable energy systems for sustainable environment	Participates will be identified by MHRD	01-12 Feb 2021	NITTTR BHOPAL	ASW, JE, SSM, CSR	DEEE
ITEC-15	Strategic HR management	Participates will be identified by MHRD	01-12 Feb 2021	NITTTR BHOPAL	BLG, PD	DERM
ITEC-16	Participatory community development	Participates will be identified by MHRD	08-19 Feb 2021	NITTTR BHOPAL	AKJ, AAD, CM, AKS	DCEE
ITEC-17	Resource management for sustainable development	Participates will be identified by MHRD	15-26 Feb 2021	NITTTR BHOPAL	JPT, RKD, AAD, BS	DCEE

NATIONAL CONFERENCE

Code	Title	Duration	Venue	Co-Ordinator	Faculty	Coordinating Department
NAC-1	Outcome based Accreditation: Learning from Experience	02-03 July 2020	NITTTR Bhopal	RKD/SA	DSK/AKJ/MAR /SRY/JPT/SP/ RKK/MCP	DCEE and DCEA

DEPARTMENT WISE LIST OF PROGRAMMES TO BE ORGANIZED WITH INDUSTRIAL COLLABORATION

Department	Title of Programme
DME	1. Machine Learning - The future for Mechanical Engineering. 2. Industrial Automation " Industry 4.0 Perspective" 3. Additive Manufacturing: Challenges, Trends and Application 4. Advances in Machining Technology
DEEE	1. Internet Of Things (IOT) 2. PLS and SCADA 3. Embedded Systems and Smart Sensor Technology 4. Smart Grid 5. MATLAB along with Statistics and Machine Learning Toolbox

DAS	1. Hazard Communication & Industrial safety Management 2. Energy storage: Trends and Opportunities 3. Environmental Pollution and Waste Management in Industries	
DERM	1. Strategic Human Resources Management 2. Data Analysis Tools for Research 3. Lean production Management, Kizen and QC 4. Marketing Strategies during turbulence period 5. Green Business for Sustainability 6. Soft Skills Development for Corporate Sector 7. Implications of Industry 4.0 8. Corporate Communication and Life Skills 9. Marketing in turbulence period for SMEs 10. Leadership in Change for SME Managers	
DCEA	1. Python for wen application development 2. Python for Machine Learning and Artificial Intelligence 3. Python for Scientific if Applications	
DCEE	1. Green building construction technology 2. Appropriate building materials and construction rechnologies 3. Retrofitting of building structures 4. Management of civil engineering projects	
DVEED	1. AR basics for Immersive Learning 2. VR Basics for Immersive Learning 3. ZED Manufacturing 4. Lean Manufacturing 5. Plastic Processing Techniques and Quality Control	
DEM	1. Virtual Reality and Augmented Reality based instructional material development- One Week. 2. Design and Development of Smart Classroom and Learning Material repository- One Week. 3. Developing print material using LaTeX software- One Week	

राजभाषा कार्यान्वयन समिति के तत्वावधान में, वर्ष 2020-21 में, हिंदी कार्यशाला / प्रशिक्षण

क्र.	प्रशिक्षण/कार्यशाला विषय	तिथियाँ	स्थान	समन्वयक	विभाग
HW-1	नेतृत्व विकास	07 अप्रेल 2020	एन आई टी टी टी आर, भोपाल	प्रो. बी. एल. गुप्ता	डी.ई.आर.एम.
HW-2	स्वयं का विकास	15 अप्रेल 2020	एन आई टी टी टी आर, भोपाल	प्रो. बी. एल. गुप्ता	डी.ई.आर.एम.
HW-3	समय प्रबंधन	12-13, मई, 2020	एन आई टी टी टी आर, भोपाल	डॉ. निशीथ दुबे	व्या.शिक्षा एवं उद्य. विकास विभाग
HW-4	प्रभावी सम्प्रेषण कौशल	29-30, जून, 2020	एन आई टी टी टी आर, भोपाल	डॉ. अंजना तिवारी	डी.ई.आर.एम.
HW-5	तनाव प्रबंधन	5-6 अगस्त, 2020	एन आई टी टी टी आर, भोपाल	डॉ. निशीथ दुबे	व्या.शिक्षा एवं उद्य.विकास विभाग
HW-6	सम्पूर्ण गुणवत्ता	3 सितंबर 2020	एन आई टी टी टी आर, भोपाल	प्रो. बी. एल. गुप्ता	डी.ई.आर.एम.
HW-7	हरित प्रौद्योगिकी	15-16 सितंबर 2020	एन आई टी टी टी आर, भोपाल	डॉ. बशीरुल्ला शेख	विज्ञान विभाग

HW-8	व्यक्तित्व विकास	26-27 अक्तूबर 2020	एन आई टी टी टी आर, भोपाल	डॉ. अंजना तिवारी	डी.ई.आर.एम.
HW-9	प्रयोगशाला प्रबंधन	9-10 नवंबर 2020	एन आई टी टी टी आर, भोपाल	डॉ हुसैन जीवाखान	विज्ञान विभाग
HW-10	एम.एस.ऑफिस	12-13 जनवरी 2021	एन आई टी टी टी आर, भोपाल	डॉ. संजय अग्रवाल	कंप्यूटर इंजी. विभाग
HW-11	पर्यावरण प्रदूषण एवं रोकथाम	18-19 जनवरी 2021	एन आई टी टी टी आर, भोपाल	डॉ. पी.के.पुरोहित	विज्ञान विभाग
HW-12	इमोशनल इंटेलिजेंस (भावनात्मक बुद्धि)	09-10 फरवरी, 2021	एन आई टी टी टी आर, भोपाल	डॉ. अंजना तिवारी	डी.ई.आर.एम.
HW-13	पी.सी. मेंटनेंस (कम्प्यूटर रखरखाव)	09-10 फरवरी, 2021	एन आई टी टी टी आर, भोपाल	डॉ. एम.ए.रिज़वी	कंप्यूटर इंजी. विभाग
HW-14	विज्ञान का सामाजिक जीवन में योगदान	11-12 फरवरी 2021	एन आई टी टी टी आर, भोपाल	डॉ. पी.के.पुरोहित	विज्ञान विभाग
HW-15	दैनिक जीवन में गणित एवं रसायन के अनुप्रयोग	9-10 मार्च 2021	एन आई टी टी टी आर, भोपाल	डॉ. दीपक सिंह	विज्ञान विभाग

SEARCH CONFRENCE FOR PREPARING CALENDAR 2020-21

Code	Title	Duration	Venue	Co-Ordinator	Faculty	Coordinating Department
TNA-1	TNA-MP	27 Aug 2020	NITTTR Bhopal	SA	SA/MAR	MP Co-ordinator
TNA-2	TNA-Chhattisgarh	17 Sept 2020	R.C Raipur	PD	PD/ASW	Chhattisgarh Co-ordinator
TNA-3	TNA-Goa	22 Sept 2020	RC Goa	ASR	ASR/MAR	Goa Co-ordinator
TNA-4	TNA-Maharashtra	24 Sept 2020	RC Pune	SSK	SSK/RKD	Maharashtra Co-ordinator
TNA-5	TNA-Gujarat	12 Oct 2020	RC, A'BD	SKG	SKG /JE	Gujarat Co-ordinator

DIRECTOR

Dr. Thangaraj, C.

Director

email:

director@nitttrbpl.ac.in

Key Areas:

❖ Technology Innovation and Management
❖ Epistemology
❖ Systems Theory
❖ Water Resources and Hydrology
❖ GIS and Remote Sensing
❖ Critical Thinking and Creativity

FACULTY AND THEIR KEY AREAS OF SPECIALIZATION

DEPARTMENT OF APPLIED SCIENCE

	Dr. Singh, Deepak Associate Professor & Head email: dsingh@nitttrbpl.ac.in	**Key Areas:** ❖ Functional Analysis ❖ Non-Linear Programming Problems ❖ Science Education & Research ❖ Training of Teachers
	Dr. Purohit, P.K. Professor e-mail: pkpurohit@nitttrbpl.ac.in	**Key Areas:** ❖ Space Weather studies with the help of GPS ❖ Antarctic and Arctic Studies ❖ Lab Management ❖ Science Education and Research ❖ Training of Teachers
	Dr. Shaik, Bashirulla Assistant Professor email: bshaik@nitttrbpl.ac.in	**Key Areas:** ❖ Molecular Modelling ❖ Computer Aided Drug Design ❖ QSAR Studies ❖ Nanotechnology
	Dr. Hussain, Jeevakhan Assistant Professor email: hjeevakhan@nitttrbpl.ac.in	**Key Areas:** ❖ FEL Theory and Harmonic undulator ❖ PWM method ❖ Instrumentation and low-cost lab experiments ❖ Nanotechnology ❖ SCILAB

DEPARTMENT OF COMPUTER ENGINEERING AND APPLICATIONS

	Dr. Rizvi, M.A. Associate Professor & Head -mail: marizvi@nitttrbpl.ac.in	**Key Areas:** ❖ Computer education ❖ CBT packages production ❖ Outcome based Education ❖ Curriculum Development ❖ Network Routing ❖ Learning Resource Development

	Dr. Karaulia, D.Singh Professor email: dskaraulia@nitttrbpl.ac.in	**Key Areas:** ❖ Computer education, training & research ❖ Teacher Training ❖ Planning, designing, implementing & evaluation of multilaterally funded projects in technical education ❖ Instruction resource & multimedia development ❖ Curriculum development & web-based learning ❖ Accreditation of PG Programmes
	Dr. Agrawal, Sanjay Professor e-mail: sagrawal@nitttrbpl.ac.in	**Key Areas:** ❖ Curriculum design in new technology ❖ Web Application Development ❖ Knowledge management in Education Learning and Content management System ❖ Network Technology ❖ Software Engineering ❖ Accreditation of UG Programmes
	Dr. Singh, Shailendra Professor e- mail: ssingh@nitttrbpl.ac.in	**Key Areas:** ❖ Machine Learning ❖ Cyber Security ❖ Programming Languages ❖ Software Development
	Dr. Kapoor, R.K. Associate Professor E-mail : rkkapoor@nitttrbpl.ac.in	**Key Areas:** ❖ Computer Education ❖ CBT packages production ❖ Web page designing and Web Application Development ❖ Computer networking ❖ Instructional resources design & development.

DEPARTMENT OF EDUCATION RESEARCH & MANAGEMENT

	Dr. Radhakrishnan, V.H. Professor of Curriculum Development (Engg. Related Fields) mail : vhradhakrishnan@nitttbpl.ac.in	**Key Areas:** ❖ Training & Development of Technical Teachers and other Human Resources; and Accreditation Training ❖ National Policy on Technical Teachers' Training ❖ Curriculum Design, Development & Evaluation -OBC ❖ Planning, Design, Management and Evaluation of Multilaterally Funded Technical Education Projects & Programmes ❖ Institutional Development and Reforms

	Key Areas:
Dr. Gupta, B. L. Professor E-mail : blgupta@nitttrbpl.ac.in	❖ Human Resource Development ❖ Organization diagnosis, evaluation and accreditation ❖ Visioning and Strategic planning ❖ Performance appraisal and Organizational Development, ❖ Policy formulation and analysis
Dr. (Mrs.) Saksena, Kiran Professor & Head e-mail: ksaksena@nitttrbpl.ac.in	**Key Areas:** ❖ Training of teachers in Technical Education and research methodology ❖ Research on Issues in Technician Education ❖ Personality Development
Dr. Tiwari, Anjana Assistant Professor e-mail: atiwari@nitttrbpl.ac.in	**Key Areas:** ❖ Communication skills ❖ Personality Development ❖ English Language ❖ English Literature
Dr. Dubey, Parag Professor	**Key Areas:** ❖ Marketing Management ❖ Strategic Management
Dr. Deshpande, Aashish Professor email: adeshpande@nitttrbpl.ac.in	**Key Areas:** ❖ Financial Management ❖ Energy and Environmental Economics ❖ Climate Change, Scenario Development and Policy Analysis ❖ International Finance
Dr. Dixit, Ajit Associate Professor e-mail: adixit@nitttrbpl.ac.in	**Key Areas:** ❖ Training of Teachers ❖ Soft skills development ❖ Communication Skills
Dr. Shivagunde, R. B. Professor E-mail : rbshivagunde@nitttrbpl.ac.in	**Key Areas:** ❖ Quality Management -TQM, Six Sigma and QC ❖ Leadership Development ❖ Planned Change and innovations ❖ Systems development, IB, OD and Marketing ❖ Project management

DEPARTMENT OF CIVIL AND ENVIRONMENTAL ENGINEERING

Dr. Jain, A.K.
Professor & Head
E-mail :
akjain@nitttrbpl.ac.in

Key Areas:
- ❖ Rural development
- ❖ Management of community development thrusts
- ❖ Appropriate technology development

Dr. Dixit, R.K.
Professor
E-mail :
rkdixit@nitttrbpl.ac.in

Key Areas:
- ❖ Design and management of Educational Projects
- ❖ Technical Education
- ❖ Accreditation
- ❖ Project and financial management

Dr. Tegar, J.P.
Professor
E-mail:
ptegar@nitttrbpl.ac.inl

Key Areas:
- ❖ Civil engineering - Geotechnical, Foundation Engineering and Green Building
- ❖ Technical Teachers Training on Pedagogy
- ❖ Post Graduate teaching and dissertation Guidance
- ❖ Civil Engineering Curriculum Design and Development
- ❖ Training on CADD (AutoCAD)

Dr. Roy, Subrat
Professor
E-mail:
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Key Areas:
- ❖ Pavement Materials
- ❖ Pavement Design
- ❖ Pavement Evaluation

Prof. Paliwal, M.C.
Associate Professor
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Key Areas:
- ❖ Structural Engineering
- ❖ Earthquake Resistant Building Construction
- ❖ Curriculum Design and Development
- ❖ Learning Resource Development
- ❖ Training of Technical Teachers
- ❖ Laboratory Managment

Dr. (Mrs.) Pradhan, Roli
Assistant Professor
email: rpradhan@nitttrbpl.ac.in

Key Areas:
- ❖ Bankruptcy prediction
- ❖ Security analysis
- ❖ Portfolio management
- ❖ Corporate Finance
- ❖ Risk Management

DEPARTMENT OF ELECTRONIC MEDIA

Prof. (Mrs.) Khajanchee, Asmita A.
Associate Professor & Head
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aakhajanchee@nitttrbpl.ac.in

Key Areas:
- ❖ Instructional system design & development
- ❖ Training of Teachers
- ❖ Developing appropriate media
- ❖ Video programmes production
- ❖ Curriculum development

Dr. Singh, Prabhakar
Professor
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Key Areas:
- ❖ Educational Television
- ❖ e-content Development
- ❖ Script writing
- ❖ Advertising
- ❖ Media Research

Prof. Kadar, S.S.
Associate Professor
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sskedar@nitttrbpl.ac.in

Key Areas:
- ❖ Instructional system design & development
- ❖ Video programme production
- ❖ Multimedia and e-content Development
- ❖ Curriculum development
- ❖ 2D, 3D Animation Development
- ❖ MOOC Production

Dr. Mathai, K. James
Associate Professor
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Key Areas:
- ❖ Online Education & Training
- ❖ Instructional resources design
- ❖ Curriculum design & development
- ❖ Computer aided instructional design
- ❖ Software System Design & Development

Prof. (Mrs.) Mehra Chanchal
Associate Professor
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Key Areas:
- ❖ Mechanical Engineering
- ❖ Technical and Vocational Education and Training
- ❖ Entrepreneurship Development
- ❖ Curriculum Design and Development
- ❖ Instructional System Design and development

DEPARTMENT OF ELECTRICAL & ELECTRONIC ENGINEERING

Prof. (Mrs.) Mathew, Susan S.
Associate Professor & Head
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ssmathew@nitttrbpl.ac.in

Key Areas:
- ❖ Outcome based Curriculum Design
- ❖ Laboratory Management
- ❖ Development of Laboratory Manuals and Assessment Systems
- ❖ Microprocessors and Microcontrollers
- ❖ Energy Conservation

		Key Areas:
	Dr. Earnest, Joshua Professor E-mail : jearnest@nitttrbpl.ac.in	❖ Wind Power & Renewable Energy ❖ Curriculum Development and Outcome-based Education ❖ Development of laboratory manuals, assessment systems ❖ Instructional Design & Development ❖ Electrical Engineering
	Dr. (Mrs.) Rajeshwari, C.S. Professor E-mail : csrajeshwari@nitttrbpl.ac.in	**Key Areas:** ❖ Electrical machines- Generalized & CAD ❖ Instrumentation & Control Engineering ❖ Energy Conservation and audit ❖ Laboratory management ❖ Curriculum design & Development
	Prof. Walkey, A.S. Associate Professor E-mail : aswalkey@nitttrbpl.ac.in	**Key Areas:** ❖ Deregulated Power Systems ❖ Curriculum Design and Development ❖ Instructional Design & Development ❖ Development of laboratory manuals, assessment systems ❖ Electrical and Electronic equipment maintenance
	Dr. (Mrs.) Potnis, Anjali Assistant Professor E-mail : apotnis@nitttrbpl.ac.in	**Key Areas:** ❖ Digital Signal Processing ❖ Digital Image processing ❖ Communication and Instrumentation
	Prof. Kumar, Sanjeet Assistant Professor E-mail: skumar@nitttrbpl.ac.in	**Key Areas** ❖ Electronics Devices ❖ Microprocessor and Microcontroller ❖ VLSI technology ❖ Embedded system design

DEPARTMENT OF MECHANICAL ENGINEERING

	Dr. (Mrs.) Somkuwar, Vandana Associate Professor & Head E-mail : vsomkuwar@nitttrbpl.ac.in	**Key Areas:** ❖ Laboratory Development ❖ Mechanical Engineering ❖ Mechatronics ❖ Computer aided drafting and design

	Dr. Jain, K.K. Professor E-mail : kkjain@nitttrbpl.ac.in	**Key Areas:** ❖ Instructional system design & development ❖ Curriculum design & development ❖ Automobile Engineering ❖ CNC Technology ❖ Competency based supervisory skill development
	Dr. Pradhan, S. K. Associate Professor e-mail: spradhan@nitttrbpl.ac.in	**Key Areas:** ❖ Computer Aided Design & Finite Element Model Updating ❖ Optimization and Simulation of Manufacturing Processes ❖ Robotics ❖ Outcome based Curriculum Design & Development ❖ Competency based supervisory skill development
	Dr. Sarathe, A.K. Associate Professor E-mail : aksarathe@nitttrbpl.ac.in	Key Areas: ❖ CNC Programming & Operations ❖ Design & Development of low-Cost teaching aids ❖ Purchase & Stores Management ❖ Curriculum Design & Development ❖ Competency based supervisory skill development

DEPARTMENT OF VOCATIONAL EDUCATION & ENTREPRENEURSHIP DEVELOPMENT

	Dr. (Mrs.) Rawlley, Anju Professor & Head email: arawlley@nitttrbpl.ac.in	Key Areas: ❖ Outcome Based Curriculum Design and Development ❖ Laboratory Instructions ❖ Students' Assessment and Design of Assessment Rubric ❖ Instructional Material Development ❖ Training of Trainers
	Dr. Dubey, Nishith Professor -mail: ndubey@nitttrbpl.ac.in	Key Areas: ❖ Entrepreneurship development ❖ Intrapreneurship ❖ Corporate entrepreneurship
	Dr. Mishra, Atul Associate Professor email: amishra@nitttrbpl.ac.in	Key Areas ❖ Environment ❖ Corporate Relations ❖ Entrepreneurship Development ❖ Skill Development

NITTTR REGIONAL CENTRES

Coordinator details	Centre details
Dr. Gupta, S.K. Professor NITTTR Regional Centre, Gujarat e-mail: skgupta@nitttrbpl.ac.in	**Gujarat** **Address:** **Technology Bhavan, R. C. Technical Institute Campus,** Opposite New High Court, Sola, **Ahmedabad – 380060** **E-mail :** extnabd@nitttrbpl.ac.in **Contact No.:** 079- 27662931 **Fax:** 079-27476931
Dr. Kedar, S. S. Associate Professor Coordinator RC Pune E-mail : rbshivagunde@nitttrbpl.ac.in	**Maharashtra** **Address:** 412/D Shivajinagar, 1st Floor, Govt. Polytechnic for Distance Learning Building, Model Colony, Near Deep Bunglow Chowk, Opp. Om Super Market, Pune 41101 **E-mail :** extnpune@nitttrbpl.ac.in **Contact No.:** 020 25655521/25679151 **Fax:** 020 25655521
Dr. Rocha, Alan Sanjay Professor NITTTR Regional Centre, Goa e-mail: asrocha@nitttrbpl.ac.in	**Goa** **Address:** Alto – Porvorim, Bardez, **Goa** – 403521 **E-mail :** extngoa@nitttrbpl.ac.in **Contact No.:** 0832- 2411326
Dr. Dubey, Parag Professor NITTTR Regional Centre, Raipur email: pdubey@nitttrbpl.ac.in	**Chhattisgarh** **Address: Govt. Girls Polytechnic Campus, Byron Bazar,** **Raipur - 492001** **E-mail :** extnraipur@nitttrbpl.ac.in **Contact No.:**0771-2422255

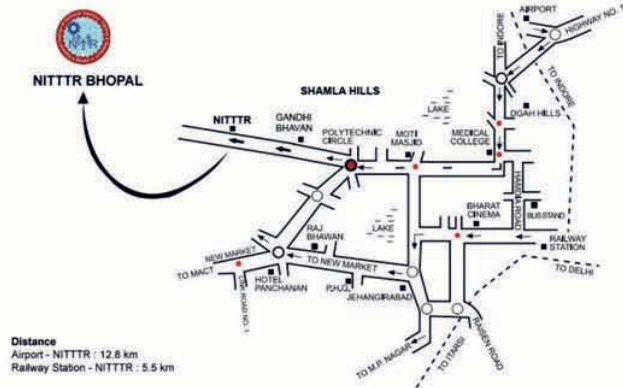## E-MAIL ADDRESSES AND PHONE NUMBERS OF FACULTY MEMBERS

Please confirm the status of the programme from the concerned programme Coordinator/Faculty before proceeding to attend the programme. Please dial 0755-2661600 followed by extension numbers to contact faculty at NITTTR, Bhopal.

S.No.	Name of the Faculty	Faculty Abbr	Email Address	Extension No.	Mobile No.
Director, NITTTR, Bhopal				
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	Department of Applied Science (DAS)				
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2.	Purohit, P.K.	PKP	pkpurohit@nitttrbpl.ac.in	382	9826098924
3.	Shaik, Bashirulla	BS	bshaik@nitttrbpl.ac.in	385	9981382711
4.	Jeevakhan, Hussain	HJK	hjeevakhan@nitttrbpl.ac.in	360	9977505152

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3.	Paliwal, M.C.	MCP	mcpaliwal@nitttrbpl.ac.in	373	9407271980
4.	Roy, Subrat	SRY	sroy@nitttrbpl.ac.in	377	7869529500
5.	Tegar, J.P.	JPT	jptegar@nitttrbpl.ac.in	376	9424476186
	Department of Computer Engineering & Applications (DCEA)				
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2.	Karaulia, D.S.	DSK	dskaraulia@nitttrbpl.ac.in	391	9424401975
3.	Agrawal, Sanjay	SA	sagrawal@nitttrbpl.ac.in	393	9425004434
4.	Singh, Shailendra	SS	ssingh@nitttrbpl.ac.in	395	9425011658
5.	Kapoor, R.K.	RKK	rkkapoor@nitttrbpl.ac.in	392	9425011468
6.	Hardaha, Prakash	PNH	pnhardaha@nitttrbpl.ac.in	434	9039296414
7.	Dube, Abhay	ADY	adube@nitttrbpl.ac.in	433	9893398425
	Department of Education, Research & Management (DERM)				
1.	Radhakrishnan, V.H.	VHR	vhradhakrishnan@nitttrbpl.ac.in	371	9425024687
2.	Gupta, B.L.	BLG	blgupta@nitttrbpl.ac.in	452	8989792268
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4.	Tiwari, Anjana	ATK	atiwari@nitttrbpl.ac.in	337	8889889876
5.	Dubey, Parag	PD	pdubey@nitttrbpl.ac.in	454	9425012819
6.	Deshpande, Aashish	AAD	adeshpande@nitttrbpl.ac.in	457	7869667016
7.	Dixit, Ajit	AD	adixit@nitttrbpl.ac.in	336	9685742594
8.	Shivagunde, R.B.	RBS	rbshivagunde@gmail.com	453	9826090776
9.	Pradhan, Roli	RP	rpradhan@nitttrbpl.ac.in	447	9893205011
	Department of Electrical & Electronics (DEEE)				
1.	Mathew, Susan S.	SSM	ssmathew@nitttrbpl.ac.in	363	9425649673
2.	Earnest, Joshua	JE	jearnest@nitttrbpl.ac.in	361	9406564239
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5.	Potnis, Anjali	AP	apotnis@nitttrbpl.ac.in	368	9424412709
6.	Kumar, Sanjeet	SK	skumar@nitttrbpl.ac.in	369	9039210521
	Department of Electronic Media (DEM)				
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	NITTTR Regional Centre, Raipur				
1.	Dubey, Parag	PD	pdubey@nitttrbpl.ac.in	454	9425012819

BHOPAL MAP

Distance
Airport - NITTTR : 12.8 km
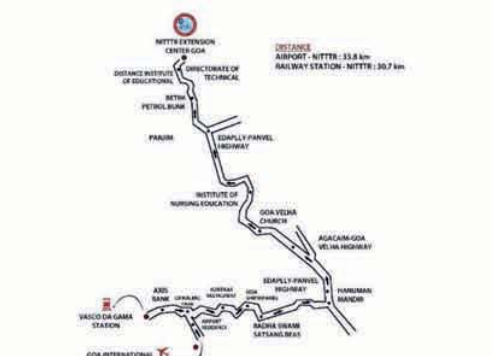Railway Station - NITTTR : 5.5 km

NITTTR Regional Centre, Technology Bhavan, R. C. Technical Institute Campus, Opposite New High Court, Sola, **Ahmedabad** – 380060, **Tel: (079) 27476931**

DISTANCE
AIRPORT - NITTTR : 14.3 km
RAILWAY STATION - NITTTR : 11.9 km

NITTTR Regional Centre, Distance Learning, Polytechnic Bldg. 412/D, Bahirat Patil Chowk, Shivaji Nagar, Pune – 411016 **Tel. (020) 25655521,25679151, Fax: 25655521**

DISTANCE
AIRPORT - NITTTR : 12.3 km
RAILWAY STATION - NITTTR : 5.4 km

NITTTR Regional Centre, SCERT building, FF, R. No.8/9, 13/14, Alto – Porvorim, Bardez, **Goa** – 403521, **Tel. (0832) 2411326**

DISTANCE
AIRPORT - NITTTR : 33.8 km
RAILWAY STATION - NITTTR : 30.7 km

NITTTR Regional Centre, In Campus of Govt. Girls Polytechnic, Byron Bazar, **Raipur** (Chhattisgarh) **Tel: (0771) 2424778**

DISTANCE
AIRPORT - NITTTR : 14 km
RAILWAY STATION - NITTTR : 5.3 km

CALENDAR COORDINATING TEAM

Dr. M.A. Rizvi, Prof. I/c Programmes (Calendar and Consultancy)

Dr. B.L. Gupta, Dean Academics and Research

Prof. (Mrs.) Susan S. Mathew, Associate Dean Academics and Research

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