

DEPARTMENT NAME: CIVIL ENGINEERING DEPARTMENT**FORMAT– OCTOBER – DECEMBER 2021****I. Details of ME Programmes**

ME Subjects	Batches	Name of the Faculty
Transportation Engineering	Regular-2020	Er. Ajay K Duggal/ Dr. Hemant Sood
Rural Construction Technology	Regular-2020	Dr. Sanjay Kr. Sharma/ Dr. Amit Goyal
Preliminary- Thesis	Regular-2020	All Faculty Civil Engineering Department
Construction Management	Regular-2021	Er. Vinod Kr. Sonthwal/ Er. Himmi Gupta
Concrete Construction Technology	Regular-2021	Dr. Hemant Sood
Pavement Design, Construction and Maintenance	Regular-2021	Er. Ajay K Duggal/ Dr. Hemant Sood
Construction Costing and Financial Management	Regular-2021	Er. Ajay K Duggal/ Dr. Amit Goyal
Pavement Lab.	Regular-2021	Er. Vinod Kr. Sonthwal
Advanced Structural Design and Detailing	Regular-2021	Er. Himmi Gupta
Environmental Engineering & Management	Modular- 2019, 20 & 21	Dr. Sanjay Kr. Sharma/ Er. Himmi Gupta
Transportation Engineering	Modular- 2019, 20 & 21	Er. Ajay K Duggal/ Dr. Hemant Sood

II.**A. STUDENT TRAINING Organized**

Sr. No.	Name of the Course along with dates & place	No. of weeks	Participation		Total No. of Participants
			Poly	Engg.	
1.	Industry Collaborated Student Training Program on “Design and Analysis of Civil Engineering Structures using Latest Softwares” on 14 th December, 2021.	1 Day	M.E. Students		24

B.. INTERNATIONAL CONFERENCES Organized

Sr. No.	Name of the Seminar/Conference	No. of Participants

C. NATIONAL CONFERENCES ORGANIZED:

Sr. No.	Name of the Seminar/Conference	No. of Participants

III WORKSHOPS CONDUCTED (OTHER THAN CURRICULUM DEVELOPMENT WORKSHOPS):

Sr. No.	Name of the Workshop along with dates and venue	No. of Participants

IV. INSTRUCTIONAL MATERIAL DEVELOPMENT

Sr. No.	Type of Instructional Material Developed	Author(s) / Team	Project Completed In progress	Specific Achievements during the year	Target date of completion
PRINT MATERIAL					
1.	"Lab Manual on RCC Beams Reinforcement Design using ABAQUS"	Himmi Gupta	Ongoing		
2.	Reader on Artificial Intelligence in Civil Engineering-Issue II	Himmi Gupta	Ongoing		
NON-PRINT MATERIAL					
1.	e-Learning web based module on Design of RCC Structures- Content updation	Dr. Sanjay Kr. Sharma/ Himmi Gupta	Ongoing		
2.	Video on Resource Efficient Bricks	Dr. Sanjay Kr. Sharma/ Himmi Gupta	Ongoing		

INSTRUCTIONAL MATERIAL DEVELOPMENT

Type of Instructional Material	No. Completed during 2020-21	Remarks (if any)
PRINT :		
Text Books		
Lab. Manuals	01	
Teachers' Manual		
Modules		
Readers	02	
Any other (Please specify)		
NON-PRINT :		
Video Films		
CAI Packages		
Experimental Kits		
Charts		
Any other (Please specify)		

Information above to be given only in case of completed Learning Resources. Title of the material(s) (topics/subjects as the case may be) should also be given.

V. CURRICULUM DEVELOPMENT

A. CURRICULA DESIGNED:

1.	Study scheme and 1st year subject contents of diploma programme in Civil Engineering as per NSQF Workshop on 18 Nov 2021 by NITTTR Chandigarh	Haryana
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B. CURRICULA REVISED:**C. CURRICULUM DEVELOPMENT WORKSHOPS:**

Sr. No.	Name of Curriculum	Number of Subjects/Course	Beneficiary States	Participation		
				Poly.	Ind.	Others

VI. RESEARCH AND DEVELOPMENT

Sr. No.	Name of Project	Team	Beneficiary State	Status of Project completed/ In progress	Specific work done during the year	Target date of completion
A. RESEARCH STUDIES						
1.	Gaurav Gupta	GG/ HS/ PK Gupta	All	In progress	Lab. Experimentation and writing of thesis	December, 2021
2.	Navdeep Mor	NM/ HS/ TG	All	In progress	First Draft Complete	May, 2022
3.	Mohit Nandal	MN/HS/ PKG	All	In progress	Course work Completed, Preparing for Synopsis	May, 2023
4.	Vivek Thakur	VT/ HS/ RK	All	In progress	Course work Completed, Preparing for Synopsis	May, 2023
5.	MD-Zia-ul-haq	MZ/ HS/ RK	All	In progress	Course work Completed, Preparing for Synopsis	May, 2023
6.	Neeraj Nain	NN/ HS/ HKV	All	In progress	Course work Completed	May, 2024
7.	Manoj Chauhan	MC/ HS/ RK	All	In progress	Eligibility Criteria not fulfilled	--
8.	Yeole Sanjay Ashok	YSA/SKS/ HKS	All	In progress	Practical Work going on	May, 2022
9.	Jagjeet Singh	JS/ SKS/ HKS	All	In progress	Practical Work going on	May, 2022
10.	Himmi Gupta	HG/ SKS/ HKS	All	In progress	Practical Work going on	May, 2022
11.	Ashmita Rupal	AR/ SKS/ GDT	All	In progress	Practical Work going on	May, 2022
12.	Abhishek Gupta	AG/ SKS/ GDT	All	In progress	Practical Work going on	May, 2022
13.	Charul Sharma	CS/ SKS/ DG	All	In progress	Practical Work going on	May, 2022
14.	Sivasankara Rao Meda	SRM/ SKS	All	In progress	Practical Work going on	December, 2022
15.	Ishan Tank	IT/ SKS/ AG	All	In progress	Practical Work	December,

					going on	2022
16.	Sayantana Ghosh	SG/HS/RK	All	In Progress	Practical Work in progress	December 2023
17.	Aditya Punia	AP/ SKS	All	In Progress	Joined Course work	--
18.	Shivani Guleria	SG/ HS/ HKV	All	In Progress	Joined Course work	--
19.	Lalit Dhak	LD/ HS/ HKV	All	In Progress	Joined Course work	--

VII. TRAINING PROGRAMMES ATTENDED BY THE INSTITUTE FACULTY/STAFF

Sr. No.	Title of Training Programme	Period of Training	Venue	Attended by
1.	Structural Health Monitoring for rehabilitation of structures in the era of Digitalization	9 th Oct 2021	Indian Association of Structural Engineers	Er. Himmi Gupta
2.	AICTE Training and Learning (ATAL) FDP on Earthquake Analysis and Design using Latest Civil Engineering Software's	18-22 Oct 2021	Coimbatore Institute of Technology, Coimbatore	Er. Himmi Gupta
3.	Webinar on Automation and Computational Design of Bridges,	23 rd October,2021	Indian Association of Structural Engineers	Er. Himmi Gupta
4.	Webinar on An Icon in Steel:Shiv Dhanush Bridge	11 th December, 2021	Ultratech Cement Ltd & Indian Concrete Institute-Ghaziabad Centre	Er. Himmi Gupta
5.	TAPAS-PRM: A course on Purposeful Research Methodology	16-20 December 2021	Research for Resurgence Foundation , Nagpur & Indian Institute of Technology - Guwahati	Er. Himmi Gupta
6.	Durability Design of Concrete Structures: Present Provisions and Future Changes in IS 456. Why and How?	25 th Dec 2021	Ultratech Cement Ltd	Er. Himmi Gupta
7.	Capacity Building Training Programme on Energy Efficiency & Conservation in Government Departments of Punjab	27 th Dec 2021	Mahatma Gandhi State Institute of Public Administration, Punjab, Chandigarh Sponsored by Bureau of Energy Efficiency, GOI	Er. Himmi Gupta

VIII. IN-HOUSE TRAINING PROGRAMMES

Sr. No.	Title of Training Programme	Period of Training	Attended by

IX. OTHER CONTRIBUTIONS INCLUDING INDIVIDUAL CONTRIBUTION

A. PATENTS/COPYRIGHT

Sr.No.	Name of Patents/Copyright	Author (s) Name

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B. PAPERS PUBLISHED BY THE INSTITUTE FACULTY:

SCI JOURNAL

Sr.No.	Name of the Paper Published	Author (s) Name

C. PAPERS PUBLISHED BY THE INSTITUTE:

INTERNATIONAL JOURNAL OTHER THAN SCI JOURNALS

Sr.No.	Name of the Paper Published	Author (s) Name

D. PAPERS PUBLISHED BY THE INSTITUTE FACULTY:

NATIONAL JOURNAL

Sr.No.	Name of the Paper Published	Author (s) Name

E. PAPERS PUBLISHED / PRESENTED IN:

INTERNATIONAL CONFERENCES/SEMINARS

Sr.No	Title of the Paper Presented/Accepted alongwith a Name of the Conference/Seminar (venue, with date)	Author (s) Name
International Conference on Innovative Technologies for Clean and Sustainable Development Chitkara University, HP & NITTTTR, Chandigarh- 14-15 Oct 2021		
1.	Development of Correlation between Ultrasonic Pulse Velocity and Rebound Hammer Test Results for Condition Assessment of Concrete Structures for Sustainable Infrastructure Development	Kamakshya Prasad Sahoo, Himmi Gupta, Sanjay Sharma
2.	Structural Behavior of Reinforced Concrete Column Using Diamond Tie Configuration under Elevated Temperatures for Sustainable Performance: A Review	Sudesh Kumar, Himmi Gupta

NATIONAL CONFERENCES/SEMINARS

Sr.No.	Title of the Paper Presented/Accepted alongwith a Name of the Conference/Seminar (venue, with date)	Author (s) Name

F. ANY OTHER ACTIVITIES:

EXTENSION SERVICES AND CONSULTANCY

Sr.No.	Name of Project	Team	Beneficiary Organization	Status of Project Completed/in Progress	Specific work done during the year
A. EXTENSION SERVICES PROJECTS:					
B. CONSULTANCY PROJECTS:					
Consultancy Project	Gross Value	Net IRG	Remarks		
<ul style="list-style-type: none"> • Testing of Materials, Design, Quality Control • Third Party Audit of Quality Control Inspection Stability of Structure 	11,21,295.00	9,50,250.00	Dr. HS/ Dr.SKS/Er. AKD/Er. VKS/ Dr. AG/Er. HG		
	11,74,756.00	9,95,555.00			
Total	22,96,051.00	19,45,805.00			