



POORNIMA

INSTITUTE OF ENGINEERING & TECHNOLOGY

Affiliated to RTU, Kota • Approved by AICTE & UGC under 2(f) • Accredited by NAAC and NBA

Department of Civil Engineering

Department is guiding 39 final year research projects which going to present in conference ICSIE-19 and also going for publication in STM Journals. Department is also working on 17 Non Syllabus project with students of II and III year students. In this NSP project student make working models and exhibit them in various exhibitions.

List of Final Year Projects Session 2018-19

S. NO.	NAME OF STUDENT	PROJECT TITLE	SENT FOR PUBLICATION IN JOURNAL
1	AVINASH AGRAWAL	CHARACTERIZATION OF SEWAGE AND DESIGN OF SEWAGE TREATMENT PLANT FOR SITAPURA INDUSTRIAL AREA JAIPUR	STM Journal
	APOORVA JAIN		
	ANKUR GOYAL		
2	AMIT CHOUDHARY	LAND PLANNING OF JAIPUR	STM Journal
	ATUL JAIN		
	ANISH KUMAR		
3	AMAN SHARMA	COMBINED EFFECTS OF WASTE CERAMICS AND FIBER MATERIAL ON CONCRETE PAVEMENT	STM Journal
	BHASKAR JANGID		
	ADIL KHAN		
4	ASHISH SHEKHAWAT	PLASTIC FIBRE REINFORCED SOIL	STM Journal
	AMIT SHARMA		
	AMIT SONI		
5	ANKIT MALAV	A STUDY ON STREAMBED HYDRAULIC CONDUCTIVITY OF RIVER BANAS, RAJASTHAN (INDIA)	STM Journal
	BABITA PANDEY		
	ASHISH KUMAR SEWALIYA		
6	AMIT SAHARAN	RURAL ROAD DEVELOPMENT	STM Journal
	ANMOL SETHI		
	ASHSIH MEENA V.M.		
7	AFROJ RANGREJ	PRE STRESSED CONCRETE BEAM	STM Journal
	ABDUL HADI		
	ASHISH MEENA (SM)		
	DILIP SINGH	REDUCING GREEN HOUSE	



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8	HITESH MEENA	GASES EMISSION FROM AGRICULTURE	STM Journal
	KUNAL SINGH RATHORE		
9	KISHOR KUMAR	THERMAL REDUCTION OF TEMPERATURE STRESS IN RIGID PAVEMENT BY ADDING PCM	STM Journal
	KAHNAIYA LAL SONI		
	DEVENDRA SUTHAR		
10	KULDEEP KUMAWAT	ENHANCING THE VARIOUS PROPERTIES OF PERVIOUS	STM Journal
	JITESH KUMAWAT		



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	BHAWANI SINGH RATHORE	CONCRETE BY ADDING IRON SLAG, FLY ASH AND ADMIXTURES	
11	CHIRAG MADHUKAR	MANUFACTURING OF CLAY BRICKS PRODUCE WITH SEWAGE SLUDGE	STM Journal
	DEV KISHAN GURJAR		
	HARSH SHRMA		
12	JITENDRA LAXKHAR	BIOFILTH SYSTEM FOR EFFECTIVE FILTRATION OF STORM WATER	STM Journal
	KULDEEP MEENA		
	BHRAMRAJ MEENA		
13	KAMLESH JANGID	ANALYSIS OF PEDESTRIAN BEHAVIOUR IN URBAN AREA	STM Journal
	KALPANA JAREDA		
	KESHAV GURJAR		
14	KUNAL SINGH	ENHANCING THE PROPERTIES OF CONCRETE BY PARTIAL REPLACEMENT OF CEMENT BY HYPO SLUDGE	STM Journal
	NIKHIL NAWARIYA		
	NANAK CHANDRA		
15	MANOJ KUMAR	ASSESSMENT OF ENCROACHMENT OF AREA AND WATER QUALITY OF CHANDLAI LAKE, JAIPUR	STM Journal
	MAYANK AGRAWAL		
	MD PARWEZZ MUSSHARF		
16	MANISH GAUTAM	A CASE STUDY ON WATER QUALITY ASSESSMENT OF JAWAI RIVER,PALI (RAJASTHAN)	STM Journal
	MOHIT MEENA		
	MOHIT AGRAWAL		
	MANOJ KUMAR MEENA		
17	MUSSARF ALI	WATER PURIFICATION BY HERBAL TECHNIQUES	STM Journal
	NAVEEN BUNDELA		
	MANISH PARYA		
18	MOHAN LAL MEENA	NEW TECHNOLOGY FOR RECYCLE OF WASTE WATER	STM Journal
	LEKHRAJ MEENA		
	KUSANK CHAUHAN		
19	MOHIT INANIYAN	UTILIZATION OF WASTE PAPER IN BLACK COTTON SOIL AS WELL AS COHESIVE SOIL	STM Journal
	NARESH SUTHAR		
	MOHAMMED NAUSHAD .		
	MANISH LAXKAR		



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20	MANOJ KUMAR MEENA	CONCENTRATED SOLAR POWER CLEANING WATER	STM Journal
	MOHIT SHARMA		



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21	DEVENDRA SINGH CHUNDAWAT	REINFORCED CONCRETE	STM Journal
	VISHAL SONI		
	SHIVAM VERMA		
22	YOGENDRA SINGH CHOUHAN	ALTERNATIVE DAM CONSTRUCTION TECHNIQUE	STM Journal
	VINAY KUMAR BAJAD		
	VISHAL VERMA		
23	SANJAY MEENA	USE CERAMIC WASTE IN METAL ROAD	STM Journal
	SHAHID KHAN		
	SWAROOP SINGH		
24	SAHIL PRABHU	USE OF WASTE KOTA STONE AND MARBLE SLURRY IN BITUMINOUS MIX DESIGN	STM Journal
	SAWAN KUMAR SHARMA		
	VIKAS BHATT		
25	VINAY RAJ MEENA	STRENGTH ASSESSMENT & REDUCTION OF AREA AND VOLUME OF STRUCTURAL MEMBER BY USING CFRP	STM Journal
	VIVEK KUMAR .		
	DHARMENDRA KUMAR MEENA		
26	VIKRAM KUMAR	SELF CURING CONCRETE	STM Journal
	VIKRAMADITYA .		
	KAPIL KUMAWAT		
27	SIDDHARTH JEPH	USE OF WASTE GLASS IN CONCRETE	STM Journal
	SUBHAM PARMAR .		
	SUNEEL KUMAR SHARMA		
28	MD ZAHID SIDDIQUI	PARTIAL REPLACEMENT OF CEMENT MARBLE SLURRY & SAND WITH GLASS POWDER IN CONCRETE	STM Journal
	YOGESH MEENA		
29	PRADYUMAN MEENA	ADVANCEMENT IN STEADY TRAFFIC FLOW IN URBAN OR RURAL AREA BY USING SYNTHETIC ROAD BLOACK TO FIX THE POT HOLES	STM Journal
	PRAKASH MEENA		
	PRASHANT SINGH		
30	ROSHAN SAINI	USE OF WASTE KOTA STONE AND MARBLE SLURRY IN RIGID PAVEMENT	STM Journal
	SUDESH KHATOR .		
	VIKASH SHARMA		



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31	PAVAN KUMAR	USE OF MARBLE AND KOTA	STM Journal
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	PRASHANT MEENA	STONE WASTE IN UNBOUNDED ROADS	
	PRIYANKA SEHRA		
32	VISHNU KUMAR	MANUFACTURING BRICK FROM SAND AND WASTE PLASTIC	STM Journal
	YOGESH KUMAR MEENA		
	ANKIT KUMAR		
33	PAWAN KUMAR MEENA	TRAFFIC SURVEY OF SOUTHERN JAIPUR TO ASSESS ROAD CONGESTION.	STM Journal
	PRAMOD KUMAR INANIYA		
	RAM PRAKASH GODARA		
34	SAURAV KUMAR	REMOVAL OF SALT FROM SALINE WATER USING MINI DESALINATION PLANT WITH MINIMUM USES OF ENERGY	STM Journal
	SHUBHAM JAIN		
	SUNNY BHATNAGAR		
35	PAYAL KUMARI	PARTIAL REPLACEMENT OF CEMENT BY COCONUT HUSK ASH AND SUGAR CANE	STM Journal
	PEEYUSH GUPTA		
	RAVI MEENA		
36	NISHIT JAIN	ENHANCEMENT IN THE CHARACTERISTICS OF THE PERVIOUS CONCRETE	STM Journal
	PRATEEK CHATURVEDI		
	RAHUL JATAV		
37	VISHNU KUMAR MALI	LOW COST SEWAGE TREATMENT PLANT FOR A SINGAL UNIT	STM Journal
	YUVRAJ SHARMA		
	MOHD WASIM KHAN		
38	RAKESH KUMAWAT	USE OF KOTA STONE SLURRY AND RESIGN IN TILE MANUFACTURING	STM Journal
	RIYAZUDDIN ANSARI		
	RAHUL KUMAR		
39	SAGAR TANK	WATER WATER TREATMENT PLANT	STM Journal
	TUSHAR SHARMA .		
	VIKASH KUMAR MEENA		



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List of Non Syllabus Projects Session 2018-19

S. NO.	NAME OF STUDENT	TOPIC	TYPE OF PROJECT
1	RONIT GHOTIA	LIGHT WEIGHT CEMENT CONCRETE BLOCK	WORKING MODEL
	ARVIND		
	NIRANJAN KRISHNIYA		
2	PUNEET DADHICH	EARTHQUAKE PROOF BUILDING DESIGN	EXPERIMENTAL PROJECT
	MUKESH KUMAWAT		
	GOVIND KUMAR SHARMA		
3	DEVENDRA BHATT	VERTICAL WIND TURBINES	WORKING MODEL
	DEEPAK CHOUDHARY		
	KRISHNA BAIRWA		
4	ADITYA GAUTAM	GRAY WATER MANAGEMENT	WORKING MODEL
	HARSHIT SISODIYA		
	CHANCHAL MEENA		
5	SIDDHARTH TILWANI	SMART IRRIGATION	WORKING MODEL
	RAHUL DEO		
	SHEETAL SISODIYA		
6	KRITESH MAHESHWARI	SMART TRANSPORT MANGMENT SYSTEM	CASE STUDY
	RAHUL SUKHWAL		
	RAKESH KUMAWAT		
7	LOKENDRA SINGH	BAMBOO REINFORCED CONCRETE	WORKING MODEL
	MANVENDRA SHEKHAWAT		
	JATIN AGRAWAL		
8	DEEKSHA SHARMA	RAINPROOF STADIUM PROJECT	WORKING MODEL
	RASHPREET SINGH ANAND		
	KOMAL SAHARIYA		
9	NILESH KUMAWAT	ELECTRICITY GENERATION BY SEWER FLOW	WORKING MODEL
	RAVI KUMAR BAIRWA (HPB)		
	RAVI KUMAR BAIRWA (SRB)		
10	MANISH SINGH SHEKHAWAT	HIGH STRENGTH PERMEABLE CONCRETE	EXPERIMENTAL PROJECT
	MAHENDRA KUMAR		
	RAHUL KUMAR JANGID		
11	ABHISHEK PRAJAPAT	CONCEPT OF FLYING TURBINE FOR REMOTE ARE	EXPERIMENTAL PROJECT
	KRISHNA YADAV		



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	KAMLESH KUMAR YADAV	DEVELOPMENT	
12	PRATHAM PRAJAPAT	ELECTICITY GENERATION	WORKING



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	SHAIENDRA SARSWAT PRAHLAD CHOUDHARY	FLOOR	MODEL
13	JULFIKAR ALI SHUBHAM KUMAR PRADHUMAN MEENA	STRUCTURAL ANALYSIS	EXPERIMENTAL PROJECT
14	AKASH SHARMA ATUL MEENA HITESH KUMAR SHARMA	COST EFFECTIVE ROAD CONSTRUCTION BY PLASTIC WASTE	WORKING MODEL
15	SURENDRA GOVLIYA VIRENDER KUMAR CHOPRA YOGESH KUMAR GOTHWAL	NO ELECTRICITY WATER PUMP	WORKING MODEL
16	AMAN VAISHNAV JITESH MEENA RAMBHAROS MEENA	USE OF WASTE IN TRANSPARENT CONCRETE	WORKING MODEL
17	DEEPAK SHARMA CHINMAY SHARMA CHARANPREET SINGH HARSH VARDHAN GAUR	SMART PARKING	EXPERIMENTAL PROJECT