

**UNIVERSITY OF ENGINEERING AND TECHNOLOGY, TAXILA**  
**DEPARTMENT OF CIVIL ENGINEERING**

**Dated:- 27.10.2016**

**FINAL LIST OF FINAL YEAR PROJECT SESSION-2013**

Sr. #	Project Title	Supervisor	No. of Students	Registration #	Name of Students			
1	A comparison of engineering properties of binders extracted from Rotovap and binder recovery apparatus	Dr. M. A. Kamal	3	13-CE-189	Gulbadin			
				188	Safarat Elahi			
				100	Muhammad Mehboob			
2	The rheological evaluation of asphalt binders extracted from reclaimed asphalt pavement(RAP)		Dr. M. A. Kamal	3	13-CE-15	Muhammaf Yousaf		
					91	M. Usman Anwar		
					53	M. Zeeshan Akram		
3	Evaluating the the fatigue characteristics of reclaimed asphalt pavement binder's			Dr. M. A. Kamal	3	13-CE-12	M. Hammad Hassan	
						04	Fiaz Hussain	
						76	Adil Mahmood	
4	Effect of modification on reclaimed asphalt pavement binder's eatigue properties				Dr. M. A. Kamal	4	13-CE-141	Ali Raza
							77	M. Haroon Iqbal
							33	Walli Ahmad
		117					Laraib Anzal	

Sr. #	Project Title	Supervisor	No. of Students	Registration #	Name of Students
5	Performance Assessment of Barrages of Pakistan(A case of Marala Barrage)	Dr. Hashim Nisar	3	13-CE-113	Shoaib Shafqat
				09	M. Usama
				112	Sadid Rasheed
6	Physical Model Studies of Energy Dissipation Systems of Re-modeled stilling Basin of Taunsa Barrage		3	13-CE-74	Zain Sohail
				96	M. Irtza Shafiq
				148	Jamshaid Akbar
7	Development of Gravity based Irrigation system for the command Area of Geater Thal canal		4	13-CE-95	Hafiz M. Abubakar
				52	Naeem Ejaz
				130	Muhammad Adnan
				43	Muhammad Haseeb
8	Experimental Study of Characteristics of Bed Deormation in Non-Cohesive bed materials		3	13-CE-119	Fahad Masood
		171		Uzair Mansoor	
		167		Saad Karim	
9	Parametric study for 2-l girder composite bridge to investigate the optimum economical design using software.	4	137	Israr Ahmad	
			85	M. Akram	
			125	Mehran Sadiq	
			165	Waqas Hussain Shah	
10	Sensitivity analysis of modal parameters to progressive damage in RC beam using ANSYS.	4	13-CE-14	M. Sohaib	
			82	M.Atasham ul Haq	
			22	Ali Hassan	
			42	M. Sohaib	
11	Detailed and idealized finite element(FE) modeling of the typical bridge pier in SEISMOSTRUCT software for establishing realistic elastic and inelastic seismic demand.	3	13-CE-116	Ahsan Khalil	
			124	Shafique Lal	
			132	Khadim Hussain	

Sr. #	Project Title	Supervisor	No. of Students	Registration #	Name of Students
12	Crack and displacement monitoring of a structural member using image processing	Dr. Qaiser uz Zaman	3	13-CE-41	Ayyaz Fareed
				105	Muhammad Sohaib
				109	Zubair Ellahi
13	Planning and scheduling of a multi storey building by primavera (P6)	Dr. Liaqat Ali Qureshi	3	13-CE-67	Jazib Affaq
				163	Allah Nawaz
				99	Sarmad khan
14	To investigate the compression strength of concrete by adding different types of fibers	Dr. Liaqat Ali Qureshi	3	13-CE-104	Zobia Mahmood
				120	M. Qavi Salam
				28	Safeer Hiader
15					
16					
17	Repairing and strengthening of fire damaged structures	Dr. M. Yaqub	3	13-CE-25	Umar Hayat
				07	Aqib Ali
				29	Mudassar Shah
18	Dynamic analysis and design of tall buildings	Dr. M. Yaqub	3	13-CE-01	Rana Dilawar Khan
				21	Haider Ali
				145	Junaid Aslam
19	Performance based analysis and design of buildings using push over analysis	Dr. M. Yaqub	3	13-CE-60	M. Khuram Shahzad
				24	M. Shoaib
				108	M. Sohaib
20	Mechanical and physical properties of soil-cement bricks and blocks using waste materials	Dr. M. Yaqub	3	13-CE-65	Zeeshan Akbar
				61	Hamid Mahmood
				45	Rashid Minhas
21	Durability Properties of Concrete containing Supplementary Cementous Materials	Dr. Ayub Elahi	3	13-CE-63	Afrasiab Karim
				134	Imran Siddique
				158	Abu Bakar

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22	Deterioration Mechanism in Concrete containing Superlementary Cementous Materials.	Dr. Ayub Elahi	3	13-CE-161	Aslam Yaqoob		
				166	M. Sohail Mehdi		
				169	Bilal Haider		
23	Durability Properties of Self Compacting Mortar		Dr. Ayub Elahi	3	13-CE-101	Usama Tariq	
					81	M. Ahsan	
					13	Shahid Zaman	
24	Durability Properties of Concrete containing Conventional Ingredients			Dr. Ayub Elahi	3	13-CE-121	M. Saeed Qasim
						70	M. Nauman
						66	M. Farrukh Javid
25	Experimental study of compound weir characteristics in an open channel	Dr. Usman Ghani			3	13-CE-59	Uzair Abbas
						103	Ahmad Bakhtair
						79	M. Sumair pervaiz
26	Calculation of discharge co-efficient for inclined trapezoidal weir		Dr. Usman Ghani		3	13-CE-10	M. Haseeb
						142	M. Farrukh
						126	Rizwan Jamil
27	Laboratory study of $C_d$ for inclined circular crested weirs			Dr. Usman Ghani	3	13-CE-05	M. Tayyab Kharal
						156	Ali Riaz
						57	M. Abbas
28	To study the adhesion properties of reclaimed asphalt pavement binder's using bituminous bond strength test	Dr. Imran Hafeez			3	13-CE-80	Shahzeb Saleem
						56	Shawaiz Hassan
						72	H. Muhammad Umair
29	Evaluating the fatigue characteristics of reclaimed asphalt pavement(RAP)		Dr. Imran Hafeez		3	13-CE-111	M. Aaqib Zulfiqar
						03	M. Aizaz Ahsan
						107	Rizwan Zubair
30	Assessing the rutting propensity of reclaimed asphalt pavement (RAP) using wheel tracker			Dr. Imran Hafeez	3	13-CE-64	Fatima Ashfaq
						20	Jawad Arshad
						16	M. Rizwan

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31	Improvements of geotechnical properties of soil by using different waste materials	Dr. Naeem Ejaz	4	13-CE-129	M. Zauraiz Haider	
				133	Rehan Ashraf	
				69	M. Shakeel	
				149	Abdullah	
32	Treatment of heavy metals by using suitable local wastewater plants		4	13-CE-93	Mansoor Ahmad	
				154	Zulfiqar AliSZ	
				190	Badr Hamood	
13R/11-CE-223	Waqas Amin					
33						
34	Study of physical modeling for optimal waterway and alignment of bridges	Dr.Usman Ali Naeem	3	13-CE-68	M. Hasan Maaz	
				51	Waleed Ali	
				136	Abdurrehman Asim	
35	To estimate glacier extent of Hunza watershed using remote sensing		4	13-CE-123	Usama Zahid	
				87	M. Haseeb	
				71	S. Ahmad Bilal	
				47	Khawar Mukhtar	
36	To estimate Hunza river flows under possible climate change scenarios		3	13-CE-152	Muazzam Ali	
				88	Sheraz Masood	
				172	Zaeem Rana	
37	Study of seismic behavior of RCC beams		Dr. M. Fiaz Tahir	3	13-CE-180	Masood Khan
					84	Muhammad Ali
		164			Hafiz Nauman	
38	Performance of concrete containing different additives	4		13-CE-06	Qaswar Abbas	
				40	Nabeel Afzal	
				86	M. Tahir	
				36	M. Umar Hayat jam	
39	Finite element modeling of RCC structures	3		13-CE-162	Nazar Shah	
				90	Faizan Saeed	
			174	Suliman Khan		

Sr. #	Project Title	Supervisor	No. of Students	Registration #	Name of Students	
40	The effect of asphalt rejuvenator on the performance of reclaimed asphalt pavements	Dr. Jawad Hussain	3	13-CE-157	M. Usman	
				153	M. Usman Ahmad	
				37	Zahid Abbas	
41	Performance evaluation of reclaimed asphalt pavements.		3	13-CE-02	M. Nadem	
				98	M. Ismail	
				118	M. Waqas Akram	
42	Incorporating road safety through geometric design and visual aids on highways segments and intersection.		3	13-CE-114	Farhan Sarwar	
				18	M. Hinan Ch.	
				170	Taimoor Mustafa	
43		Engr. M. Salman				
44						
45	Monitoring dynamic response of a full scale instrumented structure under railway traffic vibrations.	Dr. Faheem Butt	3	13-CE-160	Haroon Shah	
				159	Shah Faisal Khan	
				177	Mohebullah	
46	Controlling dynamic response of a model building structure using Tuned Liquid Column Damper (TLCD)		4	13-CE-38	Farooq Hussain	
				62	M. Ali Ahsan	
				49	Nimra	
				155	Atif Munir	
47	Design optimization of building structures		Dr. Faisal Shabbir	3	13-CE-94	Hamza Manzoor
					50	Farhan Farooq
		146			Hira Ateeque	
48	Static and dynamic analysis of beam and frame structures.	4		13CE-173	M. Shahid	
				89	Intizar Mehdi	
				73	Kaleemullah	
				08	S. Muhammad Gillani	

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49	Bitumen-aggregate adhesion improvement using Nano technology	Dr. Naveed Ahmad	3	13-CE-48	Maria Saeed
				58	M. Minhaj Saeed
				102	Salmaan Ahsan
50	Pavement design parameter sensitivity analysis using mechanistic-empirical approach.		3	13-CE-127	
				35	
				55	
51	Static and Dynamic Strength Enhancement of Problematic Soils using Locally Available Cheap Materials.	Dr. Naveed Ahmad (Geo)	4	13-CE-54	Qaiser Abbas
				78	Mudassir Hussain
				30	Yasir Mushtaq
				110	Adeeb Ali
52					
53	Evaluation of Engineering Properties of fine grained soil mixed with bentonite	Engr. M. Usman Arshid	3	13-CE-39	Hafiz M. Hashim
				34	Faisal Rehman
				26	Usama Ali
54					
55	Mix design of concrete with innovative materials.	Engr. Mehwish Asad	3	13-CE-187	Khawar Ali
				175	Waseem Khan
				179	Hikmatullah
56	Structural analysis, design and detailing of a multi-storey building		3	13-CE-147	Ezaz Ahmad Shah
				143	Salal Sarfraz Sahi
				151	Haider Abbas Kazmi
57	Comparative study of analysis and design of high rise building in non seismic and different seismic zones	Engr. M. Saad	3	13-CE-31	M. Waqas Liaqat
				83	Ayyaz Rasool
				115	Mirza Muzaam

Sr. #	Project Title	Supervisor	No. of Students	Registration #	Name of Students
58	Development of high strength self compacting concrete	Engr. M. Saad	4	13-CE-182	Hafiz Zohaib
				178	Zabihullah
				181	Abdul Qadir
				185	M. Sanjaq
59		Engr. S. Saqib Mehboob			
60					
61	Effect of polypropylene fiber on mechanical behavior of self compacting concrete	Engr. M. Rameez Sohail	3	13-CE-27	Ashar Tariq
				128	Safwan aeem
				144	Imran Shabbir
62		Engr. M. Arslan yaqoob			
63	Design of overhead steel pedestrian bridge solid works and CSI bridge	Engr. Zulfiqar	3	13-CE-32	M. Naqeeb Nawaz
				150	Syeda Shiza Ijaz
				168	Amina
64	Estimation of Surface runoff using remote sensing and geographical information system	Engr. M. Afzal	3	13-CE-140	M. Imran
				138	M. Faheem Latif
				122	M. Asif Nadeem
65		Engr. Imran Khan			
66	Computer aided analysis & design of structures/construction materials	Engr. Usman Muhammad	3	13-CE-139	M. Ahsaan
				131	Ali Hassan
				19	Haji Waseem Akbar

(Dr. Naveed Ahmad)  
Focal Person  
Final Year Project(Session-2013)