

SEVENTH SEMESTER EXAM SCHEDULE OF CE- 409 FINAL YEAR DESIGN PROJECT

Date: 16 March, 2022 (Wednesday)

Venue: Undergraduate Computer Centre-Lab 1

Venue: Undergraduate Computer Centre-Lab 2

Group No.	Project Title	Name (Internal Supervisor)	Name (Co-Supervisor)	Time	Group No.	Project Title	Name (Internal Supervisor)	Name (Co-Supervisor)
G-1	Integrating Construction Process Simulation in BIM	Prof. Dr. Rizwan Ul Haque Farooqui		9:00 - 9:30	G-13	Design of Long Span Steel Structure and Underground Basement for Marquee Structure	Prof. Dr. Tehmina Ayub	
G-2	nD BIM Modelling for Infrastructure – A Case Study of Airport	Prof. Dr. Rizwan Ul Haque Farooqui		9:30 - 10:00	G-29	Strength Optimisation of Waste Plastic Pavers and Blocks	Prof. Dr. Sadaqat Ullah Khan	Dr. Tehmina Ayub
G-45	Probabilistic Analysis of Slope Stability of Earth Dams During Rainfall Infiltration	Dr. Sadaf Qasim	Engr. Sadia Moin	10:00 - 10:30	G-41	Behaviour of UHPFRC Using Recycled Fine Aggregate	Prof. Dr. Tehmina Ayub	Engr. Wajeeha Mahmood
G-25	Design of Low-cost Residential Housing Units Using Lightly Reinforced Masonry	Dr. Syed Salman Mobeen		10:30 - 11:00	G-32	Surveying and Mapping of Potential Clay Reserves in KPK Region	Prof. Dr. Tehmina Ayub	Dr. Tariq Jamil
G-27	Effect of Reinforcing and Stabilizing Agents on the Dynamic Properties of Soil	Prof. Dr. Amanullah Marri	Engr. Sadia Moin	11:30 - 12:00	G-44	Use of Slag as Replacement of Cement and Aggregate in Concrete	Dr. Muhammad Aslam Bhutto	Dr. Fayaz Hussain
G-55	4D Applications of GIS in Construction Management	Mr. Muhammad Saqib	Engr. Farhan Jamil	12:00 - 12:30	G-34	To Study the Rutting Susceptibility of Flexible Pavement Using Recycled Concrete Aggregates	Mr. Sajjad Ali	Engr. Farhan Jamil
G-57	Energy Optimization of a Building Using BIM and Structural Equation Modeling	Mr. Farhan Saleem	Engr. Muhammad Saqib	12:30 - 1:00	G-35	Numerical Investigation of Pre-stressed RC Slabs	Dr. Shamsoon Fareed	Engr. Rida Nasir

Prayers and Lunch Break (1:00 - 2:00)

G-22	Design of Concrete Flexural Members Using Bamboo Reinforcement	Dr. Syed Salman Mobeen	Engr. Muhammad Saad Khan	2:00 - 02:30	G-9	Development at Portable Domestic, Wastewater Treatment Plant for Recycling	Dr. Atif Mustafa	Dr. Sadia Khan
G-26	Behaviour of Fibre Reinforced Ferrocement Members	Dr. Fawwad Masood	Dr. Syed Salman Mobeen	2:30 - 3:00	G-17	Spatio-temporal Analysis of Urban Pollution Based on Arterial Type	Mr. Sajjad Ali	
G-37	Behaviour of RC Beams Under High Mass Low Velocity Impact	Dr. Shamsoon Fareed	Engr. Samra Masood	3:00 - 03:30	G-19	Effectiveness of Bio-waste for the Removal of Oil from Wastewater	Dr. Sadia Khan	Dr. Mehmood Ali
G-15	Design and Operational Feasibility Analysis of Red-line Bus Rapid Transit System Karachi	Mr. Syed Muhammad Noman	Engr. Saima Khan	3:30 - 4:00	G-20	Application of Bio-sorbents to Remove Organic and Inorganic Pollutants from Wastewater.	Dr. Mehmood Ali	Dr. Sadia Khan
G-23	Behaviour of Bio-mass Concrete	Prof. Dr. Sadaqat Ullah Khan	Engr. Wajeeha Mahmood	4:00 - 4:30	G-24	Green Rooftops Using Hydroponics and Recycled Water	Dr. Atif Mustafa	Prof. Dr. Syed Imran Ahmed

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Date: 18 March, 2022 (Friday)

Venue: Undergraduate Computer Centre-Lab 1					Venue: Undergraduate Computer Centre-Lab 2			
Group No.	Project Title	Name (Internal Supervisor)	Name (Co-Supervisor)	Time	Group No.	Project Title	Name (Internal Supervisor)	Name (Co-Supervisor)
G-10	Behaviour of RC Slabs Subjected to Impact Loadings	Dr. Shamsoon Fareed	Engr. Samra Masood	9:00 - 9:30	G-4	Construction Risk Management Through BIM	Prof. Dr. Rizwan UI Haque Farooqui	
G-16	Behaviour of Recycled Aggregate Concrete Beams Subjected to Variable Loading	Prof. Dr. Asad-ur-Rehman Khan	Engr. Fatima Khalid	9:30 - 10:00	G-5	Achieving Low-cost Building Construction via Material and Technology Innovation	Prof. Dr. Rizwan UI Haque Farooqui	Dr. Rana Rabnawaz Ahmed
G-18	Structural Health Monitoring of Reinforced Concrete Slabs	Prof. Dr. Asad-ur-Rehman Khan	Engr. Fatima Khalid	10:00 - 10:30	G-3	City and Building Information Models for Solar Energy Optimization in Buildings	Prof. Dr. Rizwan UI Haque Farooqui	
G-31	Numerical Investigation of Pre-stressed Concrete Girders	Prof. Dr. Asad-ur-Rehman Khan	Engr. Rida Nasir	10:30 - 11:00	G-14	Analyzing Energy Consumption of Drinking Water Treatment Operation	Dr. Syeda Saria Bukhary	Dr. Abdul Ghaffar
G-28	Structural Health Monitoring of Reinforced Concrete Girders	Prof. Dr. Asad-ur-Rehman Khan	Engr. Fatima Khalid	11:30 - 12:00	G-30	Comparative Study of Deterministic and Non-deterministic Approaches for Slope Stability Assessment	Dr. Sadaf Qasim	
G-33	Behaviour of Beams Prepared with Recycled Aggregate Concrete Subjected to Torsion	Prof. Dr. Asad-ur-Rehman Khan	Engr. Fatima Khalid	12:00 - 12:30	G-36	Developing Decision Support System for Stormwater Management for an Urbanized Area	Prof. Dr. Syed Imran Ahmed	Engr. Shoaib Ahmed
Prayers and Lunch Break (12:30 - 2:00)								
G-39	Study of Flexural Behaviour of FRP Strengthened Members	Dr. Fawwad Masood	Dr. Syed Salman Mobeen	2:00 - 02:30	G-40	Effect of Curing on the Strength of Geopolymer Concrete at Ambient Temperature	Prof. Dr. Sadaqat Ullah Khan	Engr. Ayesha Ayub
G-48	Assessing the Suitability of HCM for Local Traffic	Dr. Afzal Ahmed		2:30 - 3:00	G-42	Mechanical Properties of Ultra-high Strength Concrete	Dr. Shamsoon Fareed	Engr. Samra Masood
G-43	Validation of Energy Efficiency Improvement Measures for Housing Units through Simulation and Living Lab Concept	Dr. Farrukh Arif	Engr. Faiza Saeed	3:00 - 03:30	G-21	Comparative Analysis of Conventional and Performance Based Design of RC Building Structure	Dr. Aslam Faqeer Mohammad	
G-8	Augmented Reality Information Modelling Integrated Construction Project Progress Monitoring	Dr. Farrukh Arif	Engr. Waleed Ahmed Khan	3:30 - 4:00	G-46	Use of Glass Fiber Reinforced Polymer (GFRP) Bars as Replacement of Steel Bars	Dr. Muhammad Aslam Bhutto	Dr. Ali Dad Chandio
G-12	Waste Estimations and Recycling Potential at the Construction Worksites of Academic Institutions	Dr. Rana Rabnawaz Ahmed		4:00 - 4:30	G-47	Use of Carbon Fiber Reinforced Polymer (CFRP) Bars as Replacement of Steel Bars	Dr. Muhammad Aslam Bhutto	Dr. Ali Dad Chandio

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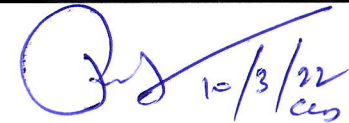
Date: 21 March, 2022 (Monday)

Venue: Undergraduate Computer Centre-Lab 1					Venue: Undergraduate Computer Centre-Lab 2			
Group No.	Project Title	Name (Internal Supervisor)	Name (Co-Supervisor)	Time	Group No.	Project Title	Name (Internal Supervisor)	Name (Co-Supervisor)
G-49	Mechanical Properties of Basalt Fibre Reinforcement	Prof. Dr. Abdul Jabbar Sangi		9:00 - 9:30	G-6	Developing Entrepreneurial Business Model for BIM Services	Prof. Dr. Rizwan UI Haque Farooqui	Dr. Rana Rabnawaz Ahmed
G-53	Evaluation of Existing Reinforced Concrete Structures Considering Earthquake and Tsunami Loadings	Dr. Aslam Faqeer Mohammad		9:30 - 10:00	G-7	To Develop A 7D BIM Model for High-rise Building	Prof. Dr. Rizwan UI Haque Farooqui	Dr. Rana Rabnawaz Ahmed
G-51	Comparative Analysis Between Two Different Types of Slab-wall Connections for Pre-cast Structures	Prof. Dr. Shuaib Haroon Ahmad	Dr. Aslam Faqeer Mohammad	10:00 - 10:30	G-54	A Multi Objective Approach for Optimal Prioritization of Energy Efficiency Measures in Building : Model, Software and Case-Study	Mr. Muhammad Saqib	Engr. Shahzad Ahmed
G-50	Effect of Reinforcing and Stabilizing Agents on the Static Properties of Soil	Prof. Dr. Amanullah Marri	Engr. Sadia Moin	10:30 - 11:00	G-56	Multi Objective Optimization of Energy Efficiency and Thermal Comfort in an Existing Institutional Building	Mr. Muhammad Saqib	Engr. Shahzad Ahmed
G-52	Development of Geodatic Control Point and Calibration of GNSS Data at NEDUET	Mr. Shoaib Ahmed	Dr. Muhammad Ahmed	11:30 - 12:00	G-58	Procedural Tool for Analysing Building Energy Efficiency : Structural Equation Modelling	Mr. Farhan Saleem	Engr. Muhammad Saqib
G-59	Water Quality Assessment of RO Plants in Karachi	Dr. Abdul Ghaffar		12:00 - 12:30	G-60	Comparative Statistical Analysis Between Different Types of Non-destructive Testing Techniques	Dr. Aslam Faqeer Mohammad	Engr. Adnan Rais Ahmed
G-61	Geo-Spatial Analysis of Road Traffic Accident	Dr. Muhammad Ahmed	Engr. Sajjad Ali	12:30 - 1:00	G-11	Estimating Biasness in the Satellite Rainfall Products	Mr. Haris Akram Bhatti	
Prayers and Lunch Break (1:00 - 2:00)								
G-38	Analysis of Fatigue in Passenger Vehicle Drivers	Mr. Sajjad Ali	Engr. Etikaf Hussain	2:00 - 02:30	Reserved slot			
				2:30 - 3:00				
				3:00 - 03:30				



Prepared By: Mr. Haris Akram Bhatti

FYDP Coordinator



Approved By: Prof. Rizwan UI Haque Farooqui

Chairman

Date: 9-March-2022