

**PROF. DR. A. R. GHUMMAN**

1	Study of Impacts of Climate Change on Precipitation in Arid Areas of Pakistan <b>Samreen Javed 2K12-PT-MS-C-WRI-05</b>	Dr. A. R. Ghumman
2	Design of Small Hydel Scheme on LBDC <b>Fiaz Hussain 2K13-PT-MS-C-WRI-05</b>	Dr. A. R. Ghumman
	Simulation of Operation and Management of Water of Chashma Right Bank Canal <b>Muhammad Adeel 2K13-PT-MS-C-WRI-10</b>	Dr. A. R. Ghumman
2	Investigation of Sediment Transport in Canals of Punjab Using Numerical Modeling <b>Intezar Hussain 2K14-FT-MS-C-WRI-02</b>	Dr. A. R. Ghumman
	Modeling Sediment Flow Using SIC Mathematical Model: A Case Study of Punjab Chenab Canal) <b>Muhammad Waqar Hussain 2K14-PT-MS-C-WRI-04</b>	Dr. A. R. Ghumman

**PROF. DR. HASHIM NISAR HASHMI**

2	Ground Water Investigation Using Electrical Resistivity Method <b>Hafiz Muhammad Yousaf 2K11-PT-MS-C-WRI-04</b>	Prof. Dr. Hashim Nisar Hashmi
	Flood Inundation Mapping for Flood Risk Management for Chenab River <b>Abdul Rehman 2K11-FT-MS-C-WRI-01</b>	Prof. Dr. Hashim Nisar Hashmi
1	Investigation of Sediment Patterns at Mangla Reservoir <b>Muhammad Adeel Akram 2K12-PT-MS-C-WRI-07</b>	Prof. Dr. Hashim Nisar Hashmi
2	Optimization of Performance of Small Dams in Potohar Region <b>M. Shahbaz Abbas 2K13-PT-MS-C-WRI-06</b>	Prof. Dr. Hashim Nisar Hashmi
	Optimization of Low Head Hydropower Project on Marala Ravi Link Canal at RD 307+00 <b>Qaiser Shahzad 2K13-PT-MS-C-WRI-03</b>	Prof. Dr. Hashim Nisar Hashmi

**PROF. DR. QAISER UZ ZAMAN KHAN**

2	Evaluation of Structural Properties of Hybrid Fiber Reinforced Concrete Using Steel Fibers and Polypropylene Fibers <b>Mir Afsar 2K12-PT-MS-C-STR-10</b>	Prof. Dr. Qaiser uz Zaman Khan
	Experimental Investigation of Hybrid Concrete in Beams <b>Qasim Khan 2K12-PT-MS-C-STR-08</b>	Prof. Dr. Qaiser uz Zaman Khan
1	Investigation of Structural Behavior of Hybrid Concrete Material in Beam-Column Joints <b>Ali Rehan Saleem 2K13-PT-MS-C-STR-09</b>	Dr. Qaiser uz Zaman Khan
1	Investigation of Structural Behavior of Hybrid Concrete Material in One Way Slab <b>M. Talha Ejaz 2K14-FT-MS-C-STR-03</b>	Dr. Qaiser uz Zaman Khan

## PROF. DR. LIAQAT ALI QURESHI

1	Retrofitting of Flexural Deficient Reinforced Concrete Beams with CFRP Sheets <b>Umair Ashraf 2K12-PT-MSC-STR-11</b>	Prof. Dr. Liaqat Ali Qureshi
3	Experimental Investigation on Effect of Single Walled Carbon Nanotubes on the Behavior of Concrete <b>Syed Shujat ul Hassan Gillani 2K13-PT-MSC-STR-06</b>	Prof. Dr. Liaqat Ali Qureshi
	Application of Multi-Walled Carbon Nanotubes in Civil Engineering <b>Israr Ahmad 2K13-PT-MSC-STR-05</b>	Prof. Dr. Liaqat Ali Qureshi
	To Investigate the Structural Behavior of Ferro Cement Beams Incorporating Polypropylene Fibers and Silica Fume <b>M. Omair Jamil 2K13-PT-MSC-STR-12</b>	Dr. Liaqat Ali Qureshi
4	Effect of Quartz Content on Physical Parameters of Locally Developed Reactive Powder Concrete <b>Raja Muhammad Tasaddiq 2K14-FT-MSC-STR-01</b>	Dr. Liaqat Ali Qureshi

## PROF. DR. AYUB ELAHI

1	“Performance Of Self Compacting Concrete (Scc) With Mineral Admixtures”. <b>M. Kashif Akram (11-MS-PT-STR-08)</b>	Dr. Ayub Elahi
1	“Strengthening of flexure efficient reinforced concrete beams with modified mortar”. <b>Faiza Khalid (12-MS-PT-STR-04)</b>	Dr. Ayub Elahi.
1	“Performance Evaluation Of Uniaxially Loaded Raft Footing On Cohesive Soils”. <b>Rana M. Waqas (13-MS-FT-STR-06)</b>	Dr. Ayub Elahi.
1	Behavior Of Self Compacting Fiber Reinforced Concrete Containing Marble Powder <b>Atizaz Ali 2K14-FT-MSC-STR-02</b>	Dr. Ayub Elahi

## PROF. DR. MUHAMMAD YAQUB

1	Effect of Rheological, Mechanical and Environmental Properties of Concrete Using Bentonite Clay as a Partial Replacement of Cement <b>Usman Ahmed Kiani 2K13-PT-MSC-STR-01</b>	Dr. Muhammad Yaqub
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## DR. IMRAN HAFEEZ

2	Analysis of Vehicular Traffic Data on a National Highway in Pakistan and Propose Useful Input Parameters for Mechanistic Empirical Pavement Design Guide (MEPDG) Software <b>Mateen Raana Kazmi 2K12-PT-MSC-TRAN-01</b>	Dr. Imran Hafeez
	Pavement Response Prediction of Kashmir Highway Using Laboratory Based Testing and Mechanistic-Empirical Approach <b>Rajesh Kumar 2K12-PT-MSC-TRAN-03</b>	Dr. Imran Hafeez
2	An Instrumental Based Study of Current Practices of Signage Reflection in Pakistan <b>Arshad Jamal 2K14-FT-MSC-TRAN-01</b>	Dr. Imran Hafeez
	Assessing the Rutting Potential of Asphalt Mixtures Using Neural Network Technique <b>Ali Shan 2K14-FT-MSC-TRAN-02</b>	Dr. Imran Hafeez

### DR. USMAN GHANI

3	Experimental Investigation of Discharge Co-Efficient for Weir-Like Structures Over Flood Plains <b>M. Ayaz Siddique 2K13-FT-MS-C-WRI-07</b>	Dr. Usman Ghani
	Laboratory Study of Flow Characteristics Over a Board-Crested Weir with Varying Roughness Features Over the Weir <b>Zain ul Abadin 2K13-PT-MS-C-WRI-08</b>	Dr. Usman Ghani
	Evaluation of Water Shortage Problems at Chashma Right Bank Canal (CRBC) its Off taking Distributaries and Minors in Punjab (RD 513 to Tail) <b>Mujahid Kalim Khan 2K13-PT-MS-C-WRI-04</b>	Dr. Usman Ghani

### DR. USMAN ALI NAEEM

2	Flood Assessment of Rawal Dam Catchment Under Possible Landuse Change <b>Irfan Ahmad Abbasi 2K12-PT-MS-C-WRI-04</b>	Dr. Usman Ali Naeem
	Investigation of Performance of Snowmelt Runoff Model Under Various Snow Cover Extents <b>Syed Ali Wasi Bokhari 2K12-PT-MS-C-WRI-12</b>	Dr. Usman Ali Naeem

### DR. NAVEED AHMAD

1	The Study and Planning of Bus Rapid Transit System for Main GT Road Peshawar <b>Sufia Mariam 2K11-MS-C-PT-TRAN-15</b>	Dr. Naveed Ahmad
2	Capacity Analysis of Koral Chowk (Islamabad Highway) for Existing Traffic Using Micro simulation Study <b>Yasir Rehman 2K12-PT-MS-C-TRAN-02</b>	Dr. Naveed Ahmad
3	Effect of Again on Rheological Properties of Virgin & Modified Bitumen <b>Adhban Omar 2K13-PT-MS-C-TRAN-15</b>	Dr. Naveed Ahmad
	Study of Hardness and Shape Characteristics of Railway Ballast Using Los Angeles Abrasion Test and Image Analysis <b>M. Irsfan Khalid 2K13-FT-MS-C-TRAN-04</b>	Dr. Naveed Ahmad
	Capacity Analysis of Existing Motorway Link Road Considering New Islamabad International Airport Post Opening Scenario <b>Muhammad Sohail 2K13-PT-MS-C-TRAN-10</b>	Dr. Naveed Ahmad

### DR. JAWAD HUSSAIN

2	Use of Bailey Gradation Techniques to Improve the Resilient Properties of Unbound Base Course <b>M. Zahid Ismail 2K12-PT-MS-C-TRAN-15</b>	Dr. Jawad Hussain
	Evaluation of the Effect of Polymer Modified Bitumen on the Rutting Resistance of Asphalt Concrete <b>Mohsin Raza Abbasi 2K12-PT-MS-C-TRAN-04</b>	Dr. Jawad Hussain
1	Rutting Model of Unbound Granular Material (UGMs) of Flexible Pavement Under Repeated Loads <b>Khalid Mehmood 2K13-FT-MS-C-TRAN-06</b>	Dr. Jawad Hussain

### DR. FIAZ TAHIR

1	Experimental Behavior of Strip Confined Circular Columns Under Axial Load <b>Nimra Khan 2K12-PT-MS-C-STR-03</b>	Dr. Fiaz Tahir
1	"Effect Of Opening And Behavior Of RC Columns". <b>Sidra Mobeen 13-MS-PT-STR-03</b>	Dr. Fiaz Tahir

### **PROF. DR. SAEED AHMAD**

<b>26-11-2013</b>	"Effect Of Seismic Direction On Earthquake Response Of Reinforced Concrete Buildings" Scholar: Fehmina Zaman (12-PT-MSc-Str-07)	Prof. Dr. Saeed Ahmad.
<b>14-04-2014</b>	"Effect Of Use Of Recycled Aggregates On Properties Of Fresh Concrete". Scholar: Zulfiqar Ali (13-MS-FT-STR-04)	Prof. Dr. Saeed Ahmad
<b>14-04-2014</b>	"Development Of Relationship Among Various Factors Affecting Shear Strength In Deep Beams". Scholar: Syed Shabbir Raees Zaidi (13-MS-FT-STR-07)	Prof. Dr. Saeed Ahmad

### **PROF. DR. SHAUKAT ALI KHAN**

	Study of Collapse Potential of Sohawa Soil and Remedial Measures Ihtsham Haider 2K13-PT-MSC-GEO-02	Prof. Shaukat Ali Khan
	Physical Modeling for the Comparison of Geotechnical Properties of Virgin Soil M. Abdus Salam 2K13-PT-MSC-GEO-03	Dr. Shaukat Ali Khan