

حكومه تی هه ریمی كوردستان- عێراق  
ئه نجومه نی وه زیران  
وه زاره تی خویندنی باله و توویننه وه ی زانستی  
زانكۆی سه لاهه دین- هه ولیر  
كۆلیژی ئه ندازیاری / یه كۆی دلنیا یی جۆری  
و پروگرامه كان



حكومه اقلیم كوردستان- العراق  
مجلس الوزراء  
وزارة التعليم العالي و البحث العلمي  
جامعة صلاح الدين- اربيل  
كلية الهندسة / شعبه چمان جوده التعليم  
و المناهج

Kurdistan Regional Government  
Council of Ministers  
Ministry of Higher Education & Scientific Research  
Salahaddin University-Erbil  
College of Engineering / Division of Quality Assurance and Curriculum Development

No.:

Date:

ژماره : ١٤٤٥/٥٤٧٧

ریکەوت ٥/٩ / 2022 زاینی

2022/ /

### فه رمانی کارگێری

به یی ئه وه سه لاته ی كه پیماندراره بریارماندا به :  
په سه ندردن و نه ژمارکردنی خال بو ئه و سیمینارانه ی كه له سالی خویندنی (2021-2022) له گشت  
به شه زانستیه كانی كۆلیژی ئه ندازیاری پیشكه ش كراوه ، هه روه كه له خشته ی خواره وه ئاماژه ی پیکراوه

ژ	به شی زانستی	ژماره ی سیمیناری پیشكه ش كراو
1	ئه ندازیاری شارستانی	129
2	ئه ندازیاری كاره با	79
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5	ئه ندازیاری پروگرامسازی و ئیفۆرماتیک	74
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پ.د. نژاد احمد حسین

راگر

هاوپیچ :

- لیستی سیمیناری پیشكه ش كراوی به شه زانستیه كان.

وینهك بو //

دلنیا یی جۆری .

راگه یانندن .

**Continue Academic Development (CAD) 2021-2022**  
**List of seminars schedule-Civil Department**

No.	Seminar Tiles	Presenter	Date
1	Bologna Process	Sirwan Khudhur Malla	September 16, 2021
2	Shell structures	Sinan Abdulkhaleq Yaseen	October 21, 2021
3	Hot weather concreting	Dillshad Khidhir Hamad	
4	Experimental investigation and numerical analysis on the bond behavior between FRP bars and concrete	Feirusa Salih Hamad	October 24, 2021
5	Linear dynamic response using Haar and Daubechies wavelets	Salahuddin Abdulrahman Ahmed	
6	Stability Analysis Behaviour of Contiguous Replacement Pile System	Yousif Ismael Mawlood	
7	Behavior and Applications of Geopolymer Ferrocement Elements	Dalshad Kakasor Ismael	
8	Optimum Flexural Strengthening for different depth Reinforced Concrete T-Beam by PostTensioning ratio and position Change	Sinan Abdulkhaleq Yaseen	
9	Behaviour of Loaded High Strength Concrete Columns Intersected by Lower Strength Concrete beams	Ahmed Heidayet Mohammad	October 25, 2021
10	Shear Strengtening of FRP-Reinforced Concrete Beams Using Carbon Fiber Reinforced Polymer(CFRP)	Ali Ramadhan Yousif	
11	Applicability of the Laminated Plate Theory on the Strengthened Reinforced Concrete Slabs.	Salahuddin Abdulrahman Ahmed	
12	Shear Strengthening of FRP-reinforced Concrete Deep Beams Using Glass Fiber CSM Sheet	Ali Ramadhan Yousif	
13	Evaluating Bond Strength of Synthetic Fiber Reinforced Polymer Modified Cement Mortar for Adhesive and Repair Applications	Dillshad Khidhir Hamad	
14	An Investigation into the Applications of Lean Management in Construction Projects in KRG-Iraq	Khalil Ismail Wali	
15	Identification and Evaluation of the Defects Facing the Current Residential buildings Projects in Erbil City, KRG-Iraq	Khalil Ismail Wali	October 28, 2021
16	The legal value of the real estate sale contract outside the real estate registry	Zina Muneam Mudheher	
17	Some Instructions about Quality Assurance	Quality Assurance Committee	
18	Knowledge Management in Construction Projects.	Khalil Ismail Wali	November 4, 2021
19	Application of Artificial Neural Network (ANN) in Pavement Engineering	Aso Faiz Talabany	
20	Tall Building	Sirwan Khudhur Malla	
21	Segment Length effect on the capacity of Post-Tension Box Girder Bridge.	Omar Qarani Aziz	November 7, 2021
22	Structural Behaviour of Rectangular Concrete Columns Reinforced with Basalt FRP.	Ali Ramadhan Yousif	
23	Punching Shear Behavior of Two-way concrete Flat Slabs Reinforced with Basalt-FRP bars.	Feirusa Salih Hamad	
24	Strength and Behavior of Non-prismatic Concrete Beams Reinforced with Basalt Fiber Reinforced Polymer Rebars.	Ali Ramadhan Yousif	
25	Punching Shear Behavior of High Strength Edge Slabs Reinforced with Basalt FRP.	Sinan Abdulkhaleq Yaseen	
26	Mechanical and Durability Performances of Fiber reinforced geopolymer concrete as tunnel lining segments	Dillshad Khidhir Hamad	
27	Evaluation of Field swelling potential with standard and different sample size.	Rizgar Ali Hummadi	
28	Geotechnical Properties and Bearing Capacity of Tanjero Formation in Sulaimany City Kurdistan Region-Iraq.	Yousif Ismael Mawlood	
29	Applicability of Superpave Mix Design and Gyrotory Compaction Levels in Iraqi Kudistan Region.	Aso Faiz Talabany	November 8, 2021
30	Hydrological Modeling and Assessment of Water Budget for Erbil Basin KAPRAN, CENTRAL, BASHTEPA Using GIS, MODFLOW and AQUAVEO Softwares.	Dana Khider Mawlood	
31	Analysis of Flood risk in Erbil City and vulnerability assessment with support GIS, HES-RAS and WMS	Dana Khider Mawlood	
32	Investigation of Groundwater Resources in Erbil Basins Using Environmental Isotopes.	Dana Khider Mawlood	
33	Treatment of Oily Wastewater using combined dissolved air flotation and modified moving bed biofilm reactor processes	Shuokr Qarani Aziz	
34	Wastewater Treatment Using Modified Sequencing Batch Reactor (SBR) Technology combined with Filtration Process for Reusing in Erbil City.	Shuokr Qarani Aziz	

35	Characterizing the Contribution of the Major Quality Influencing Factors on the Measurement Error of TLS scan	Dleen Mohammed Saleh	
36	Reconstruction LOD2 Model for buildings from VHR stereo Satellite Imagery Using Deep Learning Techniques.	Haval Abduljabbar Sadeq	
37	Geomatics applications for efficient cadastral system in Erbil City.	Mohammed Anwer Jassim	
38	Failure of Building	Ahmed Heidayet Mohammad	November 11, 2021
39	Gridshell Structures	Abdulkareem Darweesh	
40	Google scholar citations as NUR criteria-Advantages and weaknesses	Shuokr Qarani Aziz	November 18, 2021
41	Energy Dissipation Devices for Earthquake Resistant Building Design	Sinan Abdulkhaleq Yaseen	
42	Lean Management in Construction Projects.	Khalil Ismail Wali	November 23, 2021
43	Lean Management in Education		
44	Design of Reinforced Concrete Columns by ACI and Euro code2-Part I	Omar Qarani Aziz	November 25, 2021
45	Stressed Ribbon Bridge	Sinan Abdulkhaleq Yaseen	
46	Clay minerals	Rizgar Ali Hummadi	December 2, 2021
47	Tensegrity Structures	Abdulkareem Darweesh	
48	Design of Reinforced Concrete Columns by ACI and Euro code2-Part II	Omar Qarani Aziz	December 9, 2021
49	Journal Classifications	Shuokr Qarani Aziz	
50	Material flow analysis for household waste	تۆڤڤىنەھەي بىلاوكراوه	December 16, 2021
51	Use of Isotope Technique in Groundwater Investigation around Erbil City-Northern Iraq	Dana Khider Mawlood	
52	Estimating the Storativity by Recovery data in Khabat area		
53	Characteristics, Treatment Techniques, and Operational Limitations for Refinery Wastewater: Review	تۆڤڤىنەھەي بىلاوكراوه	December 19, 2021
54	Applying mass balance dilution technique for wastewater disposal to Greater-Zab river in Erbil, Kurdistan Region-Iraq	Shuokr Qarani Aziz	
55	Impact of COVID-19 Pandemic on Hand Washing Process and Water Consumption.		
56	Mass Haul Diagram	Mohammed Ali Ihsan	January 6, 2022
57	Fiber Polymer Material		
58	Ductility Approach		
59	Piled-raft foundation design by Safe program	Yousif Ismael Mawlood	February 2, 2022
60	Unique interpretation of the leaning tower of Pisa (Leaning Instability)	Ahmed Mohammed Hasan	
61	Design of Shell Structures	Omar Qarani Aziz	February 5, 2022
62	Reinforced Concrete Slab by CSI SAFE	Barzan omar mawlood	
63	Flexural and Tensile Strength of Concrete Using Two Different Types of Fibers (Polymer and Carbon) in One Mix	Sanaa Ismail Khalil	
64	Analysis and Design of Multi-story Building by Hand Calculations	Ali Ramadhan Yousif	
65	Heavy Weight Concrete Mix Design	Mohammed Ali Ihsan	
66	Structural Design of Commercial Building	Sirwan Khudhur Malla	
67	Design of Water Treatment Plant Units	Shuokr Qarani Aziz	
68	Cost Estimation for Darman Hospital Project in Erbil City	Khalil Ismail Wali	
69	Evaluation of Small Wastewater Treatment Plant	Evan Oghstin Slaiwa	
70	Design of Pedestrian Elevated Concrete Footbridge for 8 Lane Road	Sinan Abdulkhaleq Yaseen	
71	Optimum Position and Configuration of Shear Wall in High Rise Building Subjected to the Seismic Load	Feirusha Salih Hamad	
72	Effect of Plastic Waste Materials on Concrete Properties	Muhammad Ismaeil Omer	
73	Design and Analysis of Multi-Story Building	Salahuddin Abdulrahman Ahmed	
74	Design of Concrete Columns Reinforced with FRP Bars	Zrar Sedeeq Othman	
75	Design of Multi-Storey Building	Hemn Qader Ahmed	
76	Structural Analysis and Design of Multistory Reinforced Concrete Building	Dalshad Kakasor Ismael	
77	Analysis and Design of Multi Story Building with Different Concrete Strength for Columns and Beams	Ahmed Heidayet Mohammad	
78	Development Mixture Proportion and Properties of Air Entrained Concrete	Dillshad Khidhir Hamad	
79	Analysis and Design of Piled Raft Foundation Using Foundation Pro and CSI SAFE	Yousif Ismael Mawlood	

80	The Influence of Surcharge and Angle of Internal Friction on the Design of Earth Reinforced Retaining Structure	Ahmed Mohammed Hasan	
81	Effect of Crumb Tire on Properties of Asphalt Mix	Abdulahkim Othman Salih	
82	Determination of the Surface Area of a Land Using Electronic Distance Measurement Instruments	Ali Abdulwahed Mahmud	
83	Civil Engineering Faults During Construction	Omar Qarani Aziz	February 23, 2022
84	Forecasting and Modelling Time Series	Tariq	February 24, 2022
85	Quiz Competition	Muhammad Ismaeil Omer	March 8, 2022
86	Isotropic and Cross-Anisotropic Stiffness Parameters for Unsaturated Soils Using Conventional and Bishop's Stress State Variables	تۆڤزىنەھەي بىلاوكراھە	April 13, 2022
87	Preliminary experimental investigation on the inundating-induced collapse in collapsible soils improved by encased sand column	Ahmed Mohammed Hasan	
88	Solidification/Stabilization of Contaminated Soil in a South Station of the Khurmala Oil Field in Kurdistan Region, Iraq		
89	Flood Modeling on Koya Catchment Area Using Hyfan, Web Mep Service, and HEC-RAS Software	تۆڤزىنەھەي بىلاوكراھە	April 14, 2022
90	Analysing the Pollutants Dispersion in Erbil City-Kurdistan with Support of Statistical Analysis	Dana Khider Mawlood	
91	Use of Isotrop Technique in Grond Water Investigation around Erbil City-Northern Iraq		
92	Parameter Standards for Drinking Water and Wastewater as per Iraqi Standards	Kasro Kakil Dizayee	April 19, 2022
93	KRG instructions regarding wastewater treatments for investment projects		
94	PVC -FRP -concrete	Nawzad Abduljabar Abdulla	
95	PVC confined concrete under compression load		
96	Hydraulic Jump and Energy Dissipation	Othman Khorshed Mohammed	April 25, 2022
97	Flow Conditions for the Design of Downstream Floor Level and Length of Weirs		
98	Energy absorption of PVC-infill concrete	Nawzad Abduljabar Abdulla	
99	Recent Advances in concrete-encased with engineering plastics		
100	PVC-FRP confined concrete, structural mechanics		
101	Modified stiffness used in etabs	Ali Ramadhan Yousif	May 8, 2022
102	Detailing of special moment frame		
103	Acceptance of concrete compressive strength test results	Dillshad Khidhir Hamad	
104	Common Mistakes in Surveying	Mohammed Ali Ihsan	May 9, 2022
105	Strengthening RC flat slab-column connections with FRP composites: A review and comparative study	تۆڤزىنەھەي بىلاوكراھە	May 10, 2022
106	The Ultimate Capacity of Post-Tensioned Segmental Box Girder Bridges with Different Lengths of Segments: An Experimental Study	Omar Qarani Aziz	
107	Stress-Strain Relationship of High-Performance Concrete in Compression		
108	Mechanical Properties of Two stage Concrete	Zrar Sedeeq Othman	
109	Finite Element Method	Sanaa Ismail Khalil	May 11, 2022
110	Types of Finite Elements		
111	Judicial experience	Zina Muneam Mudheher	
112	Improving Your Computer Security	Mohammed Ali Ihsan	May 12, 2022
113	Selecting Ground Improvement Methods for Different Types of Soil	Hawkar Hashim Ibrahim	
114	Avoiding the Effect of Expansive Soil on Buildings		
115	Application of High Strength Concrete in Elements of High Rise Building	Ahmed Heidayet Mohammad	
116	چەند رېنمابىھە كى نوڤى دىنبايى جۆرى	Quality Assurance Committee	
117	چۆنئىھە تى پىر كىر دىنەھەي پىرۆفابىلى مامۆستا بۆ سالى ئە كادىمى 2022-2021		
118	Investigation the Effect of Using Crushed Glass Waste as Fine Aggregate and Filler in Asphalt Concrete Mixture Properties	Abdulahkim Othman Salih	
119	The Influence of Fines Content on the Properties of Aggregate for Subbase Course Material for Highway Construction		

120	Optimization of ACH coagulant, settling time and powdered activated carbon as coagulant aid with economic analysis	تۆڧزىنەھەى بىلاوكراوه	May 15, 2022
121	Wastewater sludge characteristics, treatment techniques and energy production		
122	The effect of blackwater disposal on municipal wastewater and soil properties with potential solutions: Erbil as a case study, Kurdistan Region, Iraq	Shuokr Qarani Aziz	
123	Sustainability of water supply management for Erbil City in the context of sustainable development agenda		
124	Ancient Mesopotamian Stone Bridge: Numerical Modeling and Structural Assessment	Feirusha Salih Hamad	
125	Comparative Analysis of Topology of Manhole Covers		
126	Groundwater recharge technology	Sarwah Othman Ismael	
127	Well development and efficiency		
128	Sources of Water Pollution	Evan Oghstin Slaiwa	
129	Etabs: Cad Import	Hemn Qader Ahmed	