

No.	Content	Page No.
1	<b>A comparative Isothermal and Kinetic Study of the Removal of Lead (II) from Aqueous Solution using different sorbents</b> Prof. Dr. Ahmed A. Mohammed Environmental Engineering Department/University of Baghdad/ Iraq. Dr. Ziad T. Abd Ali Environmental Engineering Department/University of Baghdad/ Iraq. Zehraa B. Masood Environmental Engineering Department/University of Baghdad/ Iraq.	1 - 21
2	<b>Evaluation of Maintenance Management System in Iraqi Oil Refineries - Najaf Oil Refinery as a case study</b> Sedqi Esmael Rezouki Collage of engineering University of Baghdad Ali Moosa Taqi Collage of engineering University of Baghdad	22-42
3	<b>Effect of Waste Glass Powder as a Supplementary Cementitious Material on the Concrete Mix Properties</b> Assit. Proff. Dr. Abeer I. Alward Environmental Department/ Baghdad University/ Iraq Dr. Suhair K. A. Al-Hubboubi Building Research Directorate / Ministry of Construction and Housing Raghda Abedalnabi Rasen Environmental Department/ Baghdad University/ Iraq	43-54
4	<b>Effect of Temperature Variation on Seepage Flow and Factor of Safety</b> Abdul Kareem Esmat Zainal Baghdad University / College of Eng./ Civil Eng. Dept.	55-63
5	<b>The Effect of Operating Parameters of MAF Process on the Surface Roughness for Ferromagnetic Materials</b> Dr.Saheb.M .Hameed University of Kufa/ Faculty of Engineering Material Department	64-73
6	<b>ANFIS OPTIMIZATION OF CUTTING PARAMETERS FOR MRR IN TURNING PROCESSES</b> Dr. Shukry H. Aghdeab Production engineering and metallurgy / University of Technology Adil shbeeb jabber Production engineering and metallurgy / University of Technology Mohammed Sattar Jabbar Production engineering and metallurgy / University of Technology Baqer Ayad Ahmed Production engineering and metallurgy / University of Technology	74-84
7	<b>FPGA Based Adujsted Step Size LMS Algorithm for Adaptive Noise Cancellation</b> Associate Prof. Thamer Muhammed Jamel University of Technology / Department of Communications Engineering /Baghdad / Iraq Associate Lecturer Haider Abd Al-Latif Mohamed University of Technology / Department of Communications Engineering /Baghdad / Iraq	85-104

8	<b>Experimental Study of Local Scour Around Elliptic and Semi-parabolic Groynes in Straight Channels</b> Ali khairi Ibrahim College of Engineering- Baghdad University Dr. Hayder A.K. AL-Thamiry College of Engineering- Baghdad University	105-116
9	<b>Evaluation of Overhead Costs in Iraqi Construction Industry</b> Sawsan M. Rashed College of Engineering / University of Baghdad Salman A. M. Al-Dhaheri College of Engineering / University of Baghdad	117-137
10	<b>Performance of composite unprotected steel Beam-deck floor exposed to high temperature (fire flame)</b> Assist. Prof. Dr. Amer Farouk Izzet Department of Civil Engineering, University of Baghdad/ Al-Jaderia , Baghdad, Republic of Iraq Ammar Abdulsattar Abdulmajeed Department of Civil Engineering, University of Baghdad/ Al-Jaderia , Baghdad, Republic of Iraq	138-158
11	<b>Improvement of Domestic Wastewater Treated Effluent from Sequencing Batch Reactor Using Slow Sand Filtration</b> Dr. Basim Hussein Khudair / Engineering College /University of Baghdad Shatha Abdulrazzak Jasim / Engineering College /University of Baghdad	159-173
12	<b>Removal of Pharmaceuticals from Synthetic Wastewater by Ozone</b> Asst. Prof Dr.Shahlaa E. Ebrahim/ College of Engineering/Baghdad University/ Baghdad\ Iraq Prof. Dr. Ir. Stijn Van Hulle / Gent University Ibtihal A. Sheikha / College of Engineering/Baghdad University/ Baghdad\ Iraq	174-184
13	<b>An Estimation Study on Fatigue transition Life of Nanocomposites Reinforced by <math>AL_2O_3</math></b> Al-Alkawi Hussain Jasim Mohammed University of Technology, Electromechanical Eng. Department, Baghdad. Ibtihal A. Mahmood, University of Technology, Mechanical Eng. Department, Baghdad. Mamoon A. A. Al- Jaafari University of Al-Mustansiriya, Mechanical Eng. Department, Baghdad	185-202
14	<b>Effect of wells location on underground natural gas storage in UM EL-Radhuma formation / Ratawie field</b> Sameera Mohamed Hamd-Allah University of Baghdad/College of Engineering/Petroleum Engineering Department Hayder Saeed Fukaa University of Baghdad/College of Engineering/Petroleum Engineering Department	203-212
15	<b>STUDY OF THE EFFECTS of CHANNEL DESIGN ON THE PERFORMANCE OF THE POLYMER ELECTRODE MEMBRANE FUEL CELL</b> Yasir Abduwahhab Abed Al-Okbi University of Baghdad	213-224

16	<p><b>The Role of Detail in Sustainable Curtain Walls Renovations of Buildings' Elevations after Explosion Accidents in IRAQ</b></p> <p>Anas H. Majeed Al-Jubori Architectural Department/College of Engineering, University of Baghdad/ Baghdad, Iraq</p>	225-235
17	<p><b>Theoretical and Numerical Analysis of the Attitude Control of a 3U CubeSat - Iraqi Satellite (TIGRISAT)</b></p> <p>Hussein Abdulwahab A. Alarazah/ Mechanical Engineering Dept/ University of Baghdad\ College of Engineering Prof. Paolo Teofilatto/ Sapienza University</p>	236-257
<b>Index</b>		