

ENGLISH SECTION CONTENTS

No.	Title	Pages
1.	<p style="text-align: center;">EFFECT OF SHOT PEENING TIME ON MECHANICAL PROPERTIES OF ALUMINUM ALLOYS AA2017-T4 AND AA6063-T5</p> <p style="text-align: center;">Ali A.Ali¹, Esam A.Ebrahim², Mohammed H.Sir³, Barazan A.Hamah Said⁴</p> <p style="text-align: center;">^{1,2,3} Technical College, Baghdad University, ⁴Technical College, Sulaimania University</p>	1-8
2.	<p style="text-align: center;">FLEXURAL CAPACITIES OF REINFORCED CONCRETE TWO-WAY BUBBLEDECK SLABS OF PLASTIC SPHERICAL VOIDS</p> <p style="text-align: center;">Amer M. Ibrahim¹, Nazar K. Ali², Wissam D. Salman³</p> <p style="text-align: center;">^{1,3} Engineering College, Diyala University, ² Engineering College, Baghdad University</p>	9-20
3.	<p style="text-align: center;">REPAIRED REINFORCED CONCRETE BEAMS WITH NORMAL AND HIGH STRENGTH CONCRETE</p> <p style="text-align: center;">Emad Yassin Khudhair</p> <p style="text-align: center;">Engineering College, Diyala University</p>	21-37
4.	<p style="text-align: center;">DESIGN AND SIMULATION OF HYBRID SYSTEM FOR ELECTRICITY GENERATION IN IRAQI RURAL REGIONS</p> <p style="text-align: center;">Qusay Abdul-Jabbar Jawad¹, Kareem Kadhum Gasem², Mohammed Ridha Jawad³</p> <p style="text-align: center;">^{1,2}Energy and Renewable Energies Technology Center, University of Technology, ³Engineering College, Diyala University</p>	38-56
5.	<p style="text-align: center;">EVALUATION OF WATER QUALITY OF HEMREN LAKE</p> <p style="text-align: center;">Saad Sh. Sammen</p> <p style="text-align: center;">Engineering College, Diyala University</p>	57-76
6.	<p style="text-align: center;">GENERATION OF ENTANGLED PHOTONS BY A SHORT COHERENCE LENGTH VIOLET DIODE LASER</p> <p style="text-align: center;">Ra'ad Subhi Abbood¹, Ahmed I. Khaleel², Shelan Kh. Tawfeeq³</p> <p style="text-align: center;">^{1,2,3}Institute of Laser for Postgraduate Studies, University of Baghdad</p>	77-85

7.	<p style="text-align: center;">DESIGN AND MANUFACTURING OF A HYDROSTATIC EXTRUSION APPARATUS FOR COMPOUND CYLINDERS FROM AL AND MG</p> <p style="text-align: center;">Mohsen J. Joaij¹, Moneer H. Tlafeh², Abdullah D. Assi³, Esam T. Abdullah⁴</p> <p style="text-align: center;">¹Engineering College, Nahreen University, ^{2,4}Technical College, Baghdad University, ³Technical Instiute, Baghdad</p>	86-102
8.	<p style="text-align: center;">A COMPREHENSIVE FRAMEWORK PLANNING FOR RECONSTRUCTION AND DEVELOPMENT OF THE KURDISTAN REGION IRAQ</p> <p style="text-align: center;">Othman Karim Mohammed Sulaimanyia Technical College</p>	103-121
9.	<p style="text-align: center;">EXPERIMENTAL INVESTIGATION OF PRESSURE DISTRIBUTION ALONG MAKHOOL DAM SPILLWAY</p> <p style="text-align: center;">Muhanad Mohammed Abbas Engineering College, Diyala University</p>	122-138
10.	<p style="text-align: center;">STUDYING THE EFFECT OF REINFORCING BY SICP ON THE DRY SLIDING WEAR BEHAVIOR AND MECHANICAL PROPERTIES OF AL- 4% CU MATRIX ALLOY</p> <p style="text-align: center;">Israa .A.K Department of Production Eng. & Metallurgy, University of Technology</p>	139-153