



مشاريع تخرج طلبة كلية الهندسة
هندسة التكييف والتبريد
(٢٠٢٤/٢٠٢٣)

البحوث المقترحة لقسم هندسة تقنيات التبريد والتكييف للعام الدراسي (٢٠٢٤/٢٠٢٣)			
ت	اسم التدريسي	عنوان البحث	نسبة الإنجاز
1	أ.د. حسين سالم كيطان	Analysis of parameters of genetic algorithm on a model for optimization design of sustainable supply chain network under distribution risks.	منجز
2	م. علي حمودي الوزير	Experimental and theoretical investigation of 5-(5-bromothiophen-2-yl)oxazole as a highly effective corrosion inhibitor for mild steel in 1 M hydrochloric acid	منجز
3	أ.م.د. رؤوف محمد راضي	Simulation of EGR effects on engine performance "CPEA application"	منجز
		Exergy Performance of Gas Turbine Power Plant using upstream cooling Techniques	منجز
		Exergy Performance of Gas Turbine Power Plant with Regenerative Application	منجز
4	م.م. حسين علي جعفر	Performance Evaluation of Solar Vortex Updraft Air Generator Under the Effect of Various Vanes Angles Operation Conditions	منجز
		Techno-economic and environmental analysis of a grid-connected rooftop solar photovoltaic system in three climate zones	منجز
5	م.م. ايهاب عمر عباس	Theoretical and experimental study of the effect of heat flux to lift water in a solar bubble pump	منجز
		Improvement of heat transfer within phase change materials using V-shaped rods	منجز
		Multispect analysis and optimization of a power and cooling cogeneration plant integrated with a multilevel waste heat recovery system	منجز
6	أ.د. حاكم سماوي سلطان	Optimization of Bearing Geometry with a Length to Diameter Ratio using Taguchi Method	منجز
		N-Phenyl-N'-(5-phenyl-1,2,4-thiazol-3-yl)thiourea: corrosion inhibition of mild steel in 1 M HCl	منجز
		Recent advances and developments of the application of hybrid in parabolic solar collector energy systems and guidelines for future prospects	منجز
7	أ.د. نهاد عبد الجليل حميد	Enhancement Of the Output Power of a Small Horizontal Axis Wind Turbine Based on The Optimization Approach	منجز
		Parallel Implementation of Optimized Lightweight Speck Cipher	منجز
		Enhancing the Performance of Speck Cryptography Executed over GPU Computing	منجز