

EXPERIMENTAL INVESTIGATION OF SOME THERMAL APPLICATIONS USING FRESNEL LENS CONCENTRATOR IN IRAQ

Ahmed Hussein Obaid Mohammed



STUDY OPERATION OF STEAM GENERATION SYSTEM USING DIFFERENT FUELS

KARRAR SALAH HASAN RAHEEMAH



NUMERICAL AND EXPERIMENTAL STUDY OF SOLAR WATER HEATER IN HEATING A SPACE

MOHAMMED JASIM OBAID



**Controlled Vibration System to Enhance the
Performance of Heat pipe Evacuated Tube
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Experimental Study**

Sarah Hassan Ali



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EXPERIMENTAL STUDY OF UNDERGROUND HEAT EXCHANGER WITH DOUBLE LAYERS

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EXPERIMENTAL AND NUMERICAL SIMULATION OF A DUAL-PURPOSE SOLAR THERMAL COLLECTOR

JAFER SHANDAL MUTAR



INVESTIGATION THE EFFECT OF ENHANCING EVAPORATION – CONDENSATION PROCESS ON A CONVENTIONAL SOLAR STILL PERFORMANCE

ZAHRAA ABDULKAREEM JAAFAR M.T



STUDY THE EFFECT OF USING DIFFERENT TYPES OF TWISTED TAPES ON THERMAL PERFORMANCE IN SOLAR COLLECTOR

Ali Majeed Abdu AL Kareem



EXPERIMENTAL INVESTIGATION OF PRESSURE DISTRIBUTION OVER SURFACE AIRFOIL NACA 0012 TYPE

YOUSIF FAYEZ YOUSIF



APPLICATION OF NANOTECHNOLOGY (TiO₂/PVA) TO IMPROVE THE SOLAR CELL EFFICIENCY

Ali Kadhim Naser



An Experimental Study To Enhance The Cooling Performance Of Power Distribution Transformer

AYMEN ABDUL KAREEM ABBAS



APPLICATION OF NANOFUID IN AUTOMOTIVE ENGINE RADIATORS

KARAAR MAHDI SALEH



**AN EXPERIMENTAL STUDY OF AXIAL
CONDUCTION THROUGH AN
EVACUATED TUBE HEAT PIPE SOLAR
COLLECTOR INTEGRATED WITH
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NOORA SALEH MAHDI



**EXPERIMENTAL STUDY FOR
ENHANCEMENT OF HEAT TRANSFER
BY USING TINY AIR BUBBLES
INJECTION INSIDE A SHELL AND
COILED INTERNALLY- EXTERNALLY
FINNED TUBE HEAT EXCHANGER**

SAIF SALAH HASAN RAHEEMAH



BIODIESEL FOR INTERNAL COMBUSTION ENGINE

MOHAMMED HUSSEIN ABDZAID



EXPERIMENTAL INVESTIGATION OF THE THERMAL PERFORMANCE OF HELICAL COILED FINNED TUBE HEAT EXCHANGER WITH THE EFFECT OF AIR INJECTION TECHNIQUE

MUNA ALI TALIB



**INVESTIGATION THE EFFECTS OF
PREHEATING WATER AND COOLING
OF GLASS COVER ON THE
PERFORMANCE OF SINGLE SLOPE
SOLAR STILL**

ZAHRAA ABBAS FAISAL



**EXPERIMENTAL AND NUMERICAL
STUDY TO IMPROVE THE
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WATER COOLING SYSTEM**

SARAH YAHYA HATTAM



Study of Thermal Parameters of Vertical Geothermal Heat Exchanger in Engineering Technical College Najaf

Waleed A .Asker



EXPERIMENTAL STUDY AND EVALUATION OF SINGLE SLOPE SOLAR STILL COMBINED WITH PARABOLIC TROUGH USING NANOFLUID

Hawraa Fadhel Abd Hassan



EXPERIMENTAL STUDY THE EFFECT OF NANOPARTICLE FILL FINS OF HEAT EXCHANGER ON THE PRODUCTIVITY OF ADISTILLATION WATER

AHMED RAHEEM QAID



Experimental Investigation of the Performance and Energy saving of Air Conditioning Unit with Indirect Evaporative Cooled Condenser

Abd-Albasit Thary Yousif



NANO-COMPOSITE MATERIAL COATING TO IMPROVE THE SOLAR CELL EFFICIENCY IN HOT WEATHER CONDITION

ALI MAJID ABBOOD



EXPERIMENTAL AND NUMERICAL STUDY TO INCREASE THE EFFICIENCY OF THE PHOTOVOLTIC THERMAL SYSTEM USING PCM

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EFFECT OF VARIABLE CONDITIONS ON COMBUSTION PARAMETERS BY USING CONSTANT VOLUME CHAMBER

SALAM HASAN MAHDI



**A CONVECTIVE HEAT TRANSFER
ENHANCEMENT UTILIZING
BUOYANCY INDUCED FLOW IN A
VERTICAL CHANNEL**

WALAA ALI NAJE



**EXPERIMENTAL STUDY OF SOLAR
FLAT PLATE COLLECTOR WITH V-
GROOVES AND MANY SHAPE TUBES
DESIGN**

**ABDULABBAS ABDULNABI WALI
HAMMADI**



**PERFORMANCE OF RECTANGULAR
SINGLE PASS SOLAR AIR HEATER
DUCT USING MULTI-TYPES
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GHAITH MONEEM FADHALA



Thermal Design Of A Single Slope Solar Still With Preheater Unit By Fresnel Lens Applications

DOAA CHFAT HASAN



**INVESTIGATION OF THE
PERFORMANCE OF DYE-SENSITIZED
SOLAR CELLS BY COATING WITH
NATURAL DYES WITH
NANOMATERIALS**

ZAINAB HAIDER ABD AL-REHMAN



STUDY THE PERFORMANCE AND EMISSIONS FOR ENGINE WITH RENEWABLE FULE

ALI SADOON MOHAMMED



**AN EXPERIMENTAL STUDY THE
PERFORMANCE OF SINGLE - SLOPE
SOLAR STILL UTILIZING PARABOLIC
TROUGH COLLECTOR WITH FRESNEL
LENSES**

AKEEL SALMAN AHMOED



Investigation The Performance of Double-Pass Solar Air Heater with Various Types of Absorption Plates

Fatima Abd-Allatif Tali



EXPERIMENTAL AND NUMERICAL INVESTIGATION OF AERODYNAMIC PERFORMANCE FOR AN EJECTOR SHROUDED HORIZONTAL AXIS WIND TURBINE

Mohanad Mohammed Naji



IMPROVEMENT OF PV CELL PERFORMANCE BY USING DIFFERENT CLEANING METHODS

Safa Faisal Saleh



PARAMETRIC INVESTIGATION OF THERMAL PERFORMANCE FOR PARABOLIC TROUGH SOLAR COLLECTOR

HUSSEIN ALI JABBAR HAMMOUD

