Conference Programme

Plenary Session : 23.11.2023 - Thursday (09:30 - 10:30) (GMT +3)	
Seminar Room 414	Chair : Nurettin Dogan Session Link : https://zoom.us/j/99585667041
	0112 : NEUROEVOLUTION FROM THE PERSPECTIVE OF EVOLUTIONARY ALGORITHMS MUSTAFA SERVET KIRAN Presenter: MUSTAFA SERVET KIRAN

Session 1 : 23.11.2023 - Thursday (10:45 - 12:15) (GMT +3)	
Seminar Room 414	Chair : Nurettin Dogan Session Link : https://zoom.us/j/99585667041
	0103 : ROBUST FUZZY LOGIC FLIGHT CONTROL FOR UNMANNED AERIAL VEHICLES UAVS CENGIZ OZBEK Presenter: CENGIZ OZBEK
	0222 : SYNTHESIS OPTIMIZATION AND CHARACTERIZATION OF METAL ORGANIC FRAMEWORKS MOF AS EFFICIENT ELECTROCATALYSTS FOR HYDROGEN PRODUCTION FROM WATER KINDA JOUNA VETTI Presenter: KINDA JOUNA VETTI
	0246 : OPTIMAL SPHERICAL MECHANISM DESIGN FOR SUN TRACKING ON TWO AXIS ZIYA OZCELIK, OSMAN ACAR, AZIM HANSU Presenter: AZIM HANSU
	0122 : EFFECT OF NANO ZINC OXIDE POWDERS GLASS FIBER AND ALTERNATIVE CURRENT ON MORTAR HYDRATION TEMPERATURE ISMAIL HOCAOGLU Presenter: ISMAIL HOCAOGLU
	0266 : ENHANCING ON TIME PERFORMANCE THROUGH FLIGHT TIME PREDICTION A MACHINE LEARNING APPROACH SEDA SOYKAN, SEFER BADAY Presenter: SEDA SOYKAN
	0267 : ENHANCING AIR TRAVEL EXPERIENCE FOR PASSENGERS THROUGH MACHINE LEARNING BASED FLIGHT DELAY PREDICTION ESMA ERGUN, SUHA TUNA Presenter: ESMA ERGUN
	0244 : PERFORMANCE EVALUATION OF GRAPH CUT AND SNAKE ALGORITHMS ON SKIN LESION SEGMENTATION SEVDA GUL, GOKCEN CETINEL Presenter: BEKIR MURAT AYDIN
	0243 : SKIN LESION SEGMENTATION WITH SEMANTIC SAM PROS AND CONS SEVDA GUL, BEKIR MURAT AYDIN, DEVRIM AKGUN, RABIA OZTAS KARA, HAMIDULLAH NAZARI, GOKCEN CETINEL Presenter: BEKIR MURAT AYDIN

Session 2 : 23.11.2023 - Thursday (13:30 - 15:00) (GMT +3)	
Virtual Hall I	Chair : Mahir Kaya Session Link : https://zoom.us/j/99585667041
	0141 : A SOFTWARE PACKAGE TO COMPUTE EQUIVALENT WATER THICKNESS CHANGES DIRECTLY FROM GRACE GGMS ESKAD EMEL ZERAY OZTURK, RAMAZAN ALPAY ABBAK Presenter: EMEL ZERAY OZTURK
	0156 : A DEEP LEARNING BASED MEDICATION RECOGNITION SYSTEM PREVENTING ERRORS OF DRUG USE SIBEL GULER, KENAN ZENGIN Presenter: SIBEL GULER
	0185 : DETERMINATION OF DIABETIC RETINOPATHY GRADES USING A DEEP LEARNING BASED CLASSIFICATION NUR SENA OZTEKIN, ALI SAGLAM Presenter: NUR SENA OZTEKIN
	0129 : BREAKDOWN PREDICTION WITH MACHINE LEARNING METHODS AZHAR MURZAEVA, SEVINC ILHAN OMURCA, BERK OZSOY, KADIR YUNUS KOC, ENES DENIZ, MUHAMMMED GUNDOGDU Presenter: ENES DENIZ
	0265 : OPTIMIZATION OF CONVOLUTIONAL NEURAL NETWORKS FOR THE CLASSIFICATION OF RETINAL DISEASES MAHIR KAYA Presenter: MAHIR KAYA
	0270 : PERFORMANCE EVALUATION OF CLASSIFICATION ALGORITHMS FOR DEFECT DETECTION IN PATTERNED FABRIC IMAGES YUNUS EMRE MERAL, OSMAN GOKALP Presenter: YUNUS EMRE MERAL

Session 3 : 23.11.2023 - Thursday (15:30 - 17:00) (GMT +3)	
Virtual Hall I	Chair : Ali Saglam Session Link : https://zoom.us/j/99585667041
	0254 : GENERATING SYNTHETIC BRAIN MRI IMAGES WITH GENERATIVE ADVERSARIAL NETWORKS UVEYS YILDIZ, EMRE UNSAL, RUKIYE KARAKIS Presenter: RUKIYE KARAKIS
	0144 : A LOCATION BASED AUGMENTED REALITY APPLICATION WITH MACHINE LEARNING METHODS KUBRA KAPICI, ALI OZTURK Presenter: KUBRA KAPICI
	0145 : DETECTION OF EMERGENCY WORDS WITH AUTOMATIC IMAGE BASED LIP READING METHOD BEYZA ULKUMEN, ALI OZTURK Presenter: BEYZA ULKUMEN
	0171 : TURKISH AND ENGLISH DATASETS IN PARAPHRASE GENERATION TASK WITH BART MODEL HILAL TEKGOZ, SEVINC ILHAN OMURCA Presenter: HILAL TEKGOZ
	0182 : A NON GEOMETRICAL FEATURE IMPACT COMPARISON FOR REMOTE SENSING IMAGE CLASSIFICATION ALI SAGLAM Presenter: ALI SAGLAM
	0183 : A COMPARISON OF THREE FAST GRAPH BASED SEGMENTATION ALGORITHMS ON 3D POINT CLOUDS ALI SAGLAM, NURDAN AKHAN BAYKAN Presenter: ALI SAGLAM

Session 4 : 23.11.2023 - Thursday (17:30 - 19:00) (GMT +3)	
Virtual Hall I	Chair : Darius Sabaliauskas Session Link : https://zoom.us/j/99585667041
	0169 : EVALUATION OF THE DEEP Q LEARNING MODELS FOR MOBILE ROBOT PATH PLANNING PROBLEM MEHMET GOK Presenter: MEHMET GOK
	0155 : MULTI LINGUAL SPEECH EMOTION RECOGNITION SYSTEM USING MACHINE LEARNING ALGORITHMS EMEL COLAKOGLU, SERHAT HIZLISOY, RECEP SINAN ARSLAN Presenter: EMEL COLAKOGLU
	0164 : LANE TRACKING AND COLLISION AVOIDANCE USING DEEP LEARNING IN AUTONOMOUS VEHICLES CEMRE BELEMIR SAFAK, ALI OZTURK Presenter: CEMRE BELEMIR SAFAK
	0240 : VEHICLE DETECTION AND COUNTING IN TRAFFIC VIDEOS USING DEEP LEARNING AHSEN BATTAL, YUNUS EMRE AVCI, ADEM TUNCER Presenter: AHSEN BATTAL
	0232 : A DISTRIBUTED ALGORITHM FOR BACKBONE CONSTRUCTION IN THREE DIMENSIONAL WNSNS OMER GULEC Presenter: OMER GULEC
	0172 : DETECTING DDOS ATTACKS WITH DEEP LEARNING METHODS SABAHAT SUMEYYE GUCLU, ALI OZTURK Presenter: SABAHAT SUMEYYE GUCLU
	0272 : ON TRENDS OF INVESTMENT PORTFOLIO MANAGEMENT A BIBLIOMETRIC ANALYSIS DARIUS SABALIAUSKAS, JOLANTA MILIAUSKAITė Presenter: DARIUS SABALIAUSKAS
	0174 : DEVELOPMENT OF MULTI MATERIAL SANDWICH STRUCTURE PRODUCTION TECHNIQUE FOR ELECTRIC VEHICLES ERMAN ZURNACI, MURAT KOYUSTU Presenter: MURAT KOYUSTU
	0252 : DEVELOPING A DESKTOP APPLICATION FOR REAL TIME DETECTION OF ACROMEGALY FROM FACIAL IMAGES WITH ARTIFICIAL INTELLIGENCE MEHMET OZEL, NURETTIN DOGAN, RUKIYE KARAKIS, MUHAMMED KIZILGUL, MUHAMMED MUTLU YAPICI, ELVAN DUMAN Presenter: MEHMET OZEL

Session 5 : 24.11.2023 - Friday (09:00 - 10:30) (GMT +3)	
Virtual Hall I	Chair : Nihat Cankaya Session Link : https://zoom.us/j/97095517949
	0134 : DETERMINATION AND MATHEMATICAL MODELING OF ENERGY CONSUMPTION PROFILE OF COMMERCIAL BUILDINGS NIHAT CANKAYA Presenter: NIHAT CANKAYA
	0150 : REDUCING ENERGY CONSUMPTION OF PNEUMATIC FANS IN MILLS NIHAT CANKAYA Presenter: NIHAT CANKAYA
	0216 : TUBULAR PERMANENT MAGNET LINEAR MOTOR DESIGN FOR AIRCRAFT ACTUATOR INSTEAD OF HYDRAULIC ACTUATORS HALIT UZUNER, KADIR ERKAN Presenter: HALIT UZUNER
	0253 : DESIGN AND IMPLEMENTATION OF BLDC MOTOR THRUST MEASUREMENT AND TEST SYSTEM ALPASLAN DURMUS, EROL DUYMAZ, AHMET MURAT KADIOGLU, FATIHA BAYKAL, CEBRAIL OLMEZ, HUDAVER ATASOY Presenter: ALPASLAN DURMUS
	0271 : AGRIVOLTAIC SYSTEMS COMBINING FOOD AND ENERGY PRODUCTION MUSTAFA SACID ENDIZ Presenter: MUSTAFA SACID ENDIZ
	0263 : PERMANENT MAGNET SYNCHRONOUS MOTOR DESIGN FOR ROPE DRIVEN GEARLESS ELEVATOR MACHINE AHMET FENERCIOGLU, DAGHAN ATAKAY, EMRE PINARBASI Presenter: AHMET FENERCIOGLU
	0126 : SYNTHESIS OF GRAPHENE NANOSHEETS FROM PLASTIC WASTE FOR HYDROGEN STORAGE APPLICATIONS NASRIN POURMOGHADDAM, NEZIHE AYAS Presenter: NASRIN POURMOGHADDAM

Session 6 : 24.11.2023 - Friday (10:45 - 12:15) (GMT +3)	
Virtual Hall I	Chair : Muhammed Kursad Ucar Session Link : https://zoom.us/j/97095517949
	0199 : DEVELOPING A RULE BASED DIAGNOSTIC ALGORITHM USING MACHINE LEARNING METHODS FOR THE DIAGNOSIS OF ANEMIA HACER OZCAN, MUHAMMED KURSAD UCAR Presenter: HILAL HAZEL YORDAN
	0257 : IMPACT OF FEATURE AND SENSOR SELECTION ON EMG SIGNAL PROCESSING EMIN MOLLAHASANOGLU, YUSUF SEVIM Presenter: EMIN MOLLAHASANOGLU
	0260 : MACHINE LEARNING BASED CLASSIFICATION OF NEONATAL HYPERSPECTRAL SIGNATURES MUHAMMET MUSTAFA ERGIN, MUCAHIT CIHAN, MURAT CEYLAN Presenter: MUHAMMET MUSTAFA ERGIN
	0188 : RULE BASED DIAGNOSTIC ALGORITHM UTILIZING PATHOLOGICAL FINDINGS IN BREAST CANCER HILAL HAZEL YORDAN, MUHAMMED KURSAD UCAR Presenter: HILAL HAZEL YORDAN
	0268 : BRAIN TUMOR SEGMENTATION AND CLASSIFICATION FROM MRI IMAGES BEKIR HAKAN AKSEBZECI, MAHMUT BUYUKBAS, ALPEREN OZCELIK, HASAN HUSEYIN ERKEN Presenter: ALPEREN OZCELIK
	0262 : COMPARISON OF DIFFERENT SEGMENTATIONS IN AUTOMATED DETECTION OF HYPERTENSION USING ELECTROCARDIOGRAPHY WITH EMPIRICAL MODE DECOMPOSITION YUNUS EMRE ERDOGAN, ALI NARIN, WALID HARIRI Presenter: YUNUS EMRE ERDOGAN

Session 7 : 24.11.2023 - Friday (13:30 - 15:00) (GMT +3)	
Virtual Hall I	Chair : Ugur Yesilyurt Session Link : https://zoom.us/j/97095517949
	0106 : REDUCING CROSSTALK IN ELECTRONIC CIRCUIT BOARDS SULEYMAN COSKUN, MERIH YILDIZ, TEMEL SONMEZOCAK Presenter: SULEYMAN COSKUN
	0140 : APPLIED COMBINATION OF VALUE STREAM MAPPING AND MODAPTS METHOD IN THE METAL SECTOR OMER ABDULAZIZ KORKMAZ, SELCUK OZCAN Presenter: OMER ABDULAZIZ KORKMAZ
	0167 : OPTIMAL CONTROL OF QUADROTOR UAVS WITH TIME DELAY S MERT OZER Presenter: S MERT OZER
	0184 : RANGE ANGLE BEAMPATTERN SYNTHESIS WITH LOGARITHMICALLY INCREASING CONCENTRIC CIRCULAR FREQUENCY DIVERSE ARRAY UGUR YESILYURT Presenter: UGUR YESILYURT
	0214 : ROLE OF ANTENNA STRUCTURES IN EARTHQUAKE APPLICATIONS ENHANCING MONITORING COMMUNICATION DISASTER RESPONSE DUYGU NAZAN GENCOGLAN Presenter: DUYGU NAZAN GENCOGLAN
	0191 : POLARIZATION AND OBLIQUE INCIDENCE INSENSITIVE DUAL BAND METAMATERIAL ABSORBER FOR WI FI APPLICATIONS BAHAR ILA, ERCAN YALDIZ Presenter: BAHAR ILA

Session 8 : 24.11.2023 - Friday (15:30 - 17:00) (GMT +3)	
Virtual Hall I	Chair : Mustafa Tolga Yavuz Session Link : https://zoom.us/j/97095517949
	0111 : NUMERICAL INVESTIGATION OF FLOW AND HEAT TRANSFER IN ASYMMETRICAL TRIANGULAR CORRUGATED CHANNELS WITH TRIANGULAR OBSTACLES SELMA AKCAY Presenter: SELMA AKCAY
	0242 : INVESTIGATING FREE VIBRATION OF RECTANGULAR PLATES IN THERMAL ENVIRONMENTS BY DIFFERENTIAL QUADRATURE METHOD MUSTAFA TOLGA YAVUZ, IBRAHIM OZKOL Presenter: MUSTAFA TOLGA YAVUZ
	0255 : NUMERICAL INVESTIGATION OF THE THERMAL AND ACOUSTIC EFFECT OF MATERIAL VARIATIONS ON THE EXHAUST MUFFLER HAYDAR KEPEKCI, MEHMET EMIN AGCA Presenter: MEHMET EMIN AGCA
	0206 : UNDERSTANDING THE IMPACT OF TEMPERATURE VARIATIONS ON WING STRUCTURE INTEGRITY MUSTAFA TOLGA YAVUZ Presenter: MUSTAFA TOLGA YAVUZ
	0175 : THERMAL ANALYSIS AND DESIGN OF COMPOSITE STRUCTURES UNDER REALISTIC FLOW CONDITIONS DAMLA PEHLIVAN, HASAN AYDOGAN Presenter: DAMLA PEHLIVAN
	0274 : SYSTEM HEAT TRANSFER OF USING ALUMINUM HONEYCOMB AS THERMAL RESISTANCE EXPERIMENTAL INVESTIGATION OF ITS EFFECTS ON CUMA ALI YILMAZ, ADNAN BERBER Presenter: CUMA ALI YILMAZ

Session 9 : 24.11.2023 - Friday (17:30 - 19:00) (GMT +3)	
Virtual Hall I	Chair : Mehmet Iskender Ozsoy Session Link : https://zoom.us/j/97095517949
	0116 : ANALYSIS OF SURFACE ROUGHNESS IN MACHINING OF AL SI BASED ALLOYS AN EXPERIMENTAL STUDY CEM ALPARSLAN, SENOL BAYRAKTAR Presenter: CEM ALPARSLAN
	0166 : THREE DEGREE OF FREEDOM SIMULATION AND CONTROL OF A QUADROTOR UNMANNED AERIAL VEHICLE ABDULHAMID HAN DOGRU, HUSEYIN ENES SALMAN Presenter: ABDULHAMID HAN DOGRU
	0133 : THE EFFECT OF BACKWARD TRIANGULAR TYPE VORTEX GENERATORS AT DIFFERENT CHORDWISE DIRECTIONS MEHMET SEYHAN, MUHAMMET AKIF OZDEN Presenter: MUHAMMET AKIF OZDEN
	0258 : INFLUENCE OF MILLED CARBON FIBER FILLERS ON MECHANICAL PROPERTIES OF JUTE FIBER REINFORCED EPOXY COMPOSITES MEHMET ISKENDER OZSOY Presenter: MEHMET ISKENDER OZSOY
	0259 : PASSIVE VIBRATION ISOLATION OF A PAYLOAD IN ROTARY WING UNMANNED AERIAL VEHICLE SYSTEM BERKAN ERTEN, VAHIT MERMERTAS Presenter: BERKAN ERTEN
	0273 : DETERMINATION OF TOOL WEAR SURFACE ROUGHNESS AND CUTTING TEMPERATURE PARAMETERS IN MILLING ST37 STEEL UNAL DEGIRMENCI, USAME ALI USCA, SERHAT SAP Presenter: UNAL DEGIRMENCI
	0210 : CONTROLLED DISCRETE CHIP FORMATION IN TURNING WITH CNC PROGRAMMING MUHAMMED EMIN DURSUN, SINAN KESRIKLIOGLU Presenter: MUHAMMED EMIN DURSUN
	0224 : INVESTIGATION OF THE IMPACT BEHAVIOR OF STRUCTURAL STEEL COATED WITH THERMAL FLAME SPRAYING METHOD SERAFETTIN EKINCI, BUKET CAKAR ACIKGOZ Presenter: BUKET CAKAR ACIKGOZ

Session 10 : 25.11.2023 - Saturday (09:00 - 10:30) (GMT +3)	
Virtual Hall I	Chair : Ahmet Ozbayrak Session Link : https://zoom.us/j/95484816828
	0125 : CHALLENGES ENCOUNTERED IN COLUMN TESTS UNDER ECCENTRIC AXIAL LOAD AND PROPOSED SOLUTIONS AHMET OZBAYRAK Presenter: AHMET OZBAYRAK
	0163 : MECHANICAL PROPERTIES OF ECO FRIENDLY WARM MIX ASPHALT CONTAINING NANO SIZED RAW COLEMANITE SEZAI KUTUK, TUBA KUTUK Presenter: SEZAI KUTUK
	0146 : USE OF LOCAL ZEOLITE AS A SUBSTITUTE FOR SILICA FUME IN UHSC DALAL AL ANI, LUTFULLAH TURANLI, FATIH BEKTAS Presenter: DALAL AL ANI
	0170 : USE OF CERAMIC FIBER IN CONCRETE WITH DIFFERENT CONTENTS ARAS DALGIC, BERIVAN YILMAZER POLAT Presenter: ARAS DALGIC
	0215 : INVESTIGATION ON FRESH PROPERTIES OF GEOPOLYMER MORTAR ASENA KARSLIOGLU KAYA, MEHMET INANC ONUR Presenter: ASENA KARSLIOGLU KAYA
	0131 : ESTIMATION OF THE UNCONFINED COMPRESSIVE STRENGTH OF CEMENT STABILIZED CLAY USING ARTIFICIAL NEURAL NETWORKS ANN ZAINAB RAZZAQ ALMAHMODI, SULEIMAN KHATRUSH, METIN MEHMETOGLU Presenter: ZAINAB RAZZAQ ALMAHMODI

Session 11 : 25.11.2023 - Saturday (10:45 - 12:15) (GMT +3)	
Virtual Hall I	Chair : Rifat Resatoglu Session Link : https://zoom.us/j/95484816828
	0107 : ARCH THEORY IN THE HISTORICAL PROCESS OF STRUCTURAL ANALYSIS ABDULLAH CETIN, SAHNAZ TIGREK Presenter: ABDULLAH CETIN
	0152 : COMPARATIVE STUDY OF ANALYSIS RECTANGULAR AND CIRCULAR UNDERGROUND WATER TANKS MOHAMED ABDINUR MOHAMED, RIFAT RESATOGLU, AYA AHMAD Presenter: AMER YASSIN
	0209 : NON LINEAR STATIC ANALYSIS OF SELECTED RC BUILDING MODELS BETWEEN DIFFERENT SEISMIC CODES AND SOIL PROPERTIES IN NORTHERN CYPRUS AMER YASSIN, RIFAT RESATOGLU Presenter: AMER YASSIN
	0227 : ANALYSIS OF CUT AND FILL SLOPES UNDER EARTHQUAKE ZAMZAM SHUAYB OSMAN, TAHA TASKIRAN Presenter: ZAMZAM SHUAYB OSMAN
	0237 : EVALUATING SLOPE STABILITY AND RETAINING WALL DEFORMATIONS IN HATAY AFTER THE 2023 KAHRAMANMARAS EARTHQUAKES HILAL UGURLU, TAHA TASKIRAN Presenter: HILAL UGURLU
	0123 : INVESTIGATION OF TORSIONAL AND SOFT STOREY BEHAVIOR OF A REINFORCED CONCRETE BUILDING IN ADANA PROVINCE ACCORDING TO TURKEY BUILDING EARTHQUAKE CODE 2018 DUYGU ERTURKMEN Presenter: DUYGU ERTURKMEN
	0277 : INVESTIGATION OF THE USE OF R134A AND R290 REFRIGERANTS IN REFRIGERATED DISPLAY CABINETS LCCP AND THERMODYNAMIC ANALYSIS MELIS ODER, ADNAN BERBER Presenter: MELIS ODER

Session 12 : 25.11.2023 - Saturday (13:30 - 15:00) (GMT +3)	
Virtual Hall I	Chair : Timucin Alp Aslan Session Link : https://zoom.us/j/95484816828
	0180 : MODAL ANALYSIS OF RECESSED REINFORCED CONCRETE RECTANGULAR WATER TANK USING MATLAB PARTIAL DIFFERENTIAL EQUATION TOOLBOX OLGUN KOKSAL, ZEKI KARACA, ERDEM TURKELI Presenter: OLGUN KOKSAL
	0192 : EFFECT OF MESH SIZE ON FINITE ELEMENT ANALYSIS OF FUNCTIONALLY GRADED POROUS DOMES ASENA PINAR OZER, AHMAD RESHAD NOORI, YURDAKUL AYGORMEZ Presenter: ASENA PINAR OZER
	0193 : EFFECT OF POROSITY ON NATURAL FREQUENCIES OF THE FUNCTIONALLY GRADED POROUS SANDWICH PIPES AHMAD RESHAD NOORI, ASENA PINAR OZER, MUSTAFA NURI, OGUZHAN MURAT HALAT Presenter: ASENA PINAR OZER
	0205 : DESIGN OF SMART GLASSES TO MAKE LIFE EASIER FOR THE VISUALLY IMPAIRED BY DETECTING OBJECTS ABDULLAH GENC, AYSE TOY, HAVVA GULSUM ALTINAY, ISMAIL SAHIN FURAL Presenter: EMRE KOYUN
	0204 : ARTIFICIAL INTELLIGENCE SUPPORTED UNMANNED AERIAL VEHICLE WITH SEMI AUTONOMOUS FLIGHT CONTROL FOR FOREST FIRE DETECTION ABDULLAH GENC, EMRE KOYUN Presenter: EMRE KOYUN
	0189 : STEADY STATE SEEPAGE ANALYSIS OF DAM FOUNDATION MADE OF DIFFERENT LAYERS TIMUCIN ALP ASLAN, BEYTULLAH TEMEL Presenter: TIMUCIN ALP ASLAN

Session 12 : 25.11.2023 - Saturday (13:30 - 15:00) (GMT +3)	
Virtual Hall II	Chair : Mehmet Ozgur Session Link : https://zoom.us/j/4426059103
	0110 : IMPLEMENTATION OF A SECURE VOTING SYSTEM USING BLOCKCHAIN OMAR AHMED SALAD, AHMET SENOL Presenter: OMAR AHMED SALAD
	0226 : SCOUR MONITORING AT BRIDGE PIERS WITH TIME DOMAIN REFLECTOMETRY MEHMET OZGUR Presenter: MEHMET OZGUR
	0120 : NON DISABLED MODULAR USB CHARGE SUPPORTED EMBEDDED STOP BUTTON DESIGN AND APPLICATION FOR BUSES CEM EKER, ALEV YUKSEL PECELI, FERHAT COMERT, YUNUS EMRE TARHAN, DAMLA CEREN TEKTAS, EDA NUR UYUK MADEN, YAVUZ CATMAZ, ABDULLAH VIDINLIOGLU, DUYGU CELIK, ENES GENC Presenter: ALEV YUKSEL PECELI
	0135 : ERGONOMIC DISABLED RAMP DESIGN AND APPLICATION FOR PUBLIC TRANSPORTATION VEHICLES CEM EKER, OMER DOGAN DOGANCIK, SEMIH ICYUZ, METEHAN ONAT, YAVUZ CATMAZ, ELIF CAK, DUYGU CELIK, ALEV YUKSEL PECELI Presenter: ALEV YUKSEL PECELI
	0249 : DEVELOPMENT OF WASHER DISINFECTOR PROTOTYPE FOR VARIOUS GLASS MEDICAL PRODUCTS ZAFER KAHRAMAN, MURAT HACI, SONER GURCU, HAKAN SERHAD SOYHAN Presenter: ZAFER KAHRAMAN
	0225 : DEVELOPMENT OF AN INNOVATIVE COMMERCIAL STEAM PEELING SYSTEM FOR VARIOUS VEGETABLE PEELS ZAFER KAHRAMAN, MURAT HACI, ORKUN UGUR Presenter: ZAFER KAHRAMAN

Session 13 : 25.11.2023 - Saturday (15:30 - 17:00) (GMT +3)	
Virtual Hall I	Chair : Sezai Kutuk Session Link : https://zoom.us/j/95484816828
	0130 : ON THE DEMAGNETIZATION FACTOR IN THE CALCULATION OF PERMANENT MAGNET FIELDS ANATOLII PODOLSKII Presenter: ANATOLII PODOLSKII
	0143 : EFFECT OF SILVER ADDITION ON THE SODIUM AMOUNT AND THE GRAIN SIZE OF THE CHALCOPYRITE THIN FILMS DEPOSITED ON DIFFERENT BACK CONTACT MATERIALS SEMIH AGCA Presenter: SEMIH AGCA
	0158 : STRUCTURAL AND ELECTRICAL CHARACTERISTICS OF REBCO 358 SUPERCONDUCTORS PRODUCED USING A MODIFIED MPMG METHOD SEZAI KUTUK, SULEYMAN BOLAT Presenter: SEZAI KUTUK
	0179 : STRUCTURAL MORPHOLOGICAL AND MAGNETIC INVESTIGATIONS OF HALF DOPED LA0 5BA0 5MNO3 PEROVSKITE NANOPARTICLES YUSUF SAMANCIOGLU Presenter: YUSUF SAMANCIOGLU
	0251 : USE OF DRINKING WATER TREATMENT SLUDGE AND EGG SHELL FOR CLAY FREE BRICK PRODUCTION GIZEM BAKIROGLU, ALI YARAS Presenter: GIZEM BAKIROGLU
	0250 : STATISTICAL ANALYSIS OF HARDNESS OF HIGH DENSITY POLYETHYLENE COMPOSITES ECEM AYDIN, ALI YARAS, BILAL DEMIREL, BILAL KURSUNCU Presenter: ECEM AYDIN

Session 13 : 25.11.2023 - Saturday (15:30 - 17:00) (GMT +3)	
Virtual Hall II	Chair : Arif Dogan Session Link : https://zoom.us/j/4426059103
	0207 : METAL BAND SAW MACHINES FROM TRADITIONAL DESIGN TO MODERN TECHNOLOGY SERKAN YILDIZ, SAIT ALI UYMAZ, ERSIN KAYA, EMIN YESIL Presenter: EMIN YESIL
	0208 : PERFORMANCE EVALUATION OF A VERTICAL COOLER FOR FEED PELLETS EMIN YESIL, MUHARREM HILMI AKSOY, MAHMUD BAKIRHAN Presenter: EMIN YESIL
	0220 : VEHICLE CRASH SYSTEM DESIGN ARIF DOGAN, BULENT AYDEMIR Presenter: ARIF DOGAN
	0221 : THE FEASIBILITY STUDY OF A VEHICLE CRASH SYSTEM ARIF DOGAN, BULENT AYDEMIR Presenter: ARIF DOGAN
	0187 : MANIPULATOR FLEXING MECHANISM IN PANEL BENDING MACHINES MERT YALCINTAS, FATIH AYDEMIR, RECEP DONMEZ Presenter: MERT YALCINTAS
	0256 : Deep Learning in Vegetable Classification and Comparison of Pooling Methods ABUBAKAR MAYANJA, ILKER ALI OZKAN, SAKIR TASDEMIR Presenter: ABUBAKAR MAYANJA

Session 14 : 25.11.2023 - Saturday (17:30 - 19:00) (GMT +3)	
Virtual Hall I	Chair : Stefan ţălu Session Link : https://zoom.us/j/95484816828
	0160 : RECENT DEVELOPMENTS ON REFRIGERATION SYSTEMS THAT USE EJECTORS AS EXPANDERS FOR PERFORMANCE ENHANCEMENT OGUZ CALISKAN, H KURSAD ERSOY Presenter: OGUZ CALISKAN
	0201 : DESIGN OF A WRIST WEARABLE AUXILIARY ALERT SYSTEM FOR THE HEARING IMPAIRED MUCAHIT EGE, GOZDE KONUK EGE, HUSEYIN KAYGISIZ, IZZET PARUG DURU, RIZA DILEK Presenter: MUCAHIT EGE
	0264 : CLASSIFICATION OF BREAST ULTRASOUND IMAGES BASED ON REGIONAL AND MORPHOLOGICAL FEATURES ZEYNEP AK, SERIFE GENGEC BENLI Presenter: ZEYNEP AK
	0148 : USING MATLAB TOOLBOXES IN BIOMEDICAL IMAGE PROCESSING YASIN NUHOGLU, YAHIA ADWAN, AYTEN ATASOY Presenter: YASIN NUHOGLU
	0276 : THE EYE STRUCTURE OF THE COENONYMPHA PAMPHILIUS BUTTERFLY SPECIES STUDIED BY ATOMIC FORCE MICROSCOPY RASHID DALLAEV, STEFAN ţăLU, TATIANA PISARENKO, PETR SADOVSKY, DINARA SOBOLA Presenter: RASHID DALLAEV
	0275 : ANALYSIS OF THE WING STRUCTURE OF THE COENONYMPHA PAMPHILIUS BUTTERFLY SPECIES USING ATOMIC FORCE MICROSCOPY RASHID DALLAEV, STEFAN ţăLU, TATIANA PISARENKO, VLADIMIR HOLCMAN Presenter: RASHID DALLAEV
	0190 : IN SILICO ANALYSIS OF SNPS IN DVL3 AND LRP5 GENES ASSOCIATED WITH BREAST CANCER FATMA TANER, ESMA ERYILMAZ DOGAN Presenter: GULSAH UNAL
	0228 : BIOINFORMATIC ANALYSIS OF SFRP1 AND AXIN2 GENES SNPS ASSOCIATED WITH BREAST CANCER GULSAH UNAL, ESMA ERYILMAZ DOGAN Presenter: GULSAH UNAL

Session 14 : 25.11.2023 - Saturday (17:30 - 19:00) (GMT +3)	
Virtual Hall II	Chair : Baris Altan Session Link : https://zoom.us/j/4426059103
	0147 : CHARACTERISTICS OF FOAM CONCRETE WITH CAPRIC ACID DIATOMITE COMPOSITE SULTAN ASLANTAS, ALI YARAS Presenter: SULTAN ASLANTAS
	0165 : FOAM CONCRETES CONTAINING CAPRIC ACID EXPANDED PERLITE COMPOSITE PHYSICO MECHANICAL PROPERTIES ZELIHA YUKSEL, ALI YARAS Presenter: ZELIHA YUKSEL
	0213 : IMPROVING THE QUALITY OF IN SITU PRETREATED TEXTILE WASTEWATER FOR REUSE APPLICATIONS BY ADSORPTION GOKHAN KORKMAZ, NAZLIM AKTAY, BURCU PALAS, GULIN ERSOZ, SUHEYDA ATALAY Presenter: GOKHAN KORKMAZ
	0195 : INVESTIGATION OF STRUCTURAL MAGNETIC AND MAGNETOCALORIC PROPERTIES OF LA0 8AG0 2MN0 9A0 1O3 A MN CU CO NI MO COMPOUNDS BARIS ALTAN, ATILLA COSKUN Presenter: BARIS ALTAN
	0173 : INTELLIGENT CONTROL OF ELECTROACTIVE POLYMER ACTUATORS VIA NEURAL NETWORK TUNED SLIDING MODE PID CONTROLLER EZGI KESTEK, BESIM SOGUT Presenter: BESIM SOGUT
	0269 : NEURAL NETWORK BASED SELF TUNING PID AND SMC PID CONTROLLERS FOR POSITION CONTROL OF ELECTROACTIVE POLYMER ACTUATORS EZGI KESTEK, BESIM SOGUT Presenter: BESIM SOGUT
	0278 : USING BIG DATA FOR OPTIMIZING ADVERTISING CAMPAIGNS IN SOCIAL NETWORKS ARJAN KRASNIQI, BERAT MAKSUTAJ, ERBLIN JANUZAJ Presenter: YLBER JANUZAJ