

6th INTERNATIONAL SYMPOSIUM ON INNOVATIVE TECHNOLOGIES IN ENGINEERING AND SCIENCE
Symposium Program

TIME	Friday, November 09, 2018			
9:30-10:30	Registration			
10:30-11:15	Welcome and Introduction			
11:15 – 12:00	Keynote Speaker Prof. Dr. Ercan ÖZTE MEL Topic: Industry 4.0 Status of Digital Transformation and Turkey			
12:00 – 14:30	Lunch & Symposium Photo Session			
First Day 14:30 – 16:00	Scientific Section – A - I (Chair:) EN A ₅	Scientific Section – B - I (Chair:) EN A ₂	Scientific Section – C - I (Chair:) TR A ₂	Scientific Section – D - I (Chair:) TR A ₅
	ID-43 / ON THE RELATION BETWEEN COOLING RATE AND PARTS GEOMETRY IN POWDER BED FUSION ADDITIVE MANUFACTURING Nihat Yılmaz and Mevlüt Yunus Kayacan	ID-106 / INVESTIGATION OF MICROSTRUCTURE AND MECHANICAL PROPERTIES OF WELDED JOINTS OF ALUMINUM ALLOYS WELDED WITH TITANIUM BASED POWDER MATERIAL BY HIGH VELOCITY OXYGEN FUEL SPRAY METHOD (HVOF) COMBINED WITH FRICTION STIR WELDING METHOD Hüseyin Köken, Hasan Kaya, Ramazan Samur and Mehmet Uçar	ID-53 / SEYHAN HAVZASINDA PALMER KURAKLIK İNDEKSLERİ İLE KURAKLIK ANALIZI Mehmet Dikici and Cengiz İpek	ID-12 / OTONOM TAŞITLAR İÇİN HİPOSİKLOİD DİREKSİYON DİŞLİ KUTUSU TASARIMI VE PROTOTİP İMALATI Erkan Öztürk, Selim Köroğlu, Özer Can, Furkan Güler, Fatma Merve Bıyıklı, Murat Eren Balkan, Buse Belli and Akif Demirçali
	ID-44 / TOZ YATAK FÜZYON BİRLEŞTİRME (PBF) TİPİ EKLEMELİ İMALATTA, DESTEK YAPILARIN PARÇALARDA OLUŞAN KALINTI GERİLMELER AÇISINDAN İNCELENMESİ Mevlüt Yunus Kayacan and Nihat Yılmaz	ID-33 / WHEY POWDER IN THE PREPARATION OF PASTRY CREAMS Dilmi Bouras Abdelkader, Delmi Bouras Amina and Megatli Ismail	ID-60 / DETERMINATION OF ELEMENTAL CONTENTS OF LEPIDIUM PERFOLIATUM L. PLANT GROWING IN SALINE AREA WITH ICP-OES İbrahim Teğın and Gurbet Canpolat	ID-14 / GIDA SANAYİNDE KULLANILAN AISI304 VE AISI316 PASLANMAZ ÇELİKLERİN ELEKTRO EROZYON İLE İŞLEME (EE) PERFORMANSLARININ ARAŞTIRILMASI Oğuz Erdem
	ID-52 / MODAL AND STRESS ANALYSIS OF CELLULAR STRUCTURES PRODUCED WITH ADDITIVE MANUFACTURING BY FINITE ELEMENT ANALYSIS (FEA) Bekir Yalçın, Berkay Ergene and Uçan Karakılınç	ID-67 / EFFECT OF LUBRICATION AND FRICTION COEFFICIENT ON TEMPERATURE DISTRIBUTION FOR COMBINED BACKWARD FORWARD EXTRUSION PROCESS FOR ALLOY STEEL Ban Alamer, Çetin Karataş, Faruk Mert and Haitham Aljawad	ID-65 / YÜKSEK KAYMA GERİLMELİ KARIŞTIRICILARDA BESLEME HATTI TASARIMININ KARIŞTIRICI PERFORMANSINA ETKİSİ Furkan Korkmaz, Selim Ünal, Avni Ertaş and Hasan Karabay	ID-36 / EFFECT OF WELDING TEMPERATURE ON POLYETHYLENE 100 PIPE HOT BUTT WELD JOINT STRENGTH Hüseyin Uzun and Ayşe Gül Kocaman
	ID-103 / OPTIMIZING THE EFFECTS OF TEMPERATURE AND PRESSURE ON EXTRACTING OIL FROM PISTACIA ATLANTICA SEEDS BY PRESSING USING THE RESPONSE SURFACES METHOD Hakima Acheheb and Amina Adjout	ID-69 / THERMAL PERFORMANCE ANALYSIS FOR A CHEVRON TYPE HEAT EXCHANGER BY USING ARTIFICIAL NEURAL NETWORK WITH LIMITED EXPERIMENTAL DATA Mehmet Hakan Demir, Abdullah Yıldız and Mustafa Ali Ersöz	ID-133 / KANATÇIK GEOMETRİSİNİN ISI GEÇİŞİNE ETKİSİNİN PARAMETRİK İNCELENMESİ Halime Çelik and Nezaket Parlak	ID-128 / TÜRK KIZILAY'ININ AFETTEKİ ROLÜ Cengiz İpek, Mehmet Dikici, İbrahim Pay and İsmet Kandilli
	ID-165 / INVESTIGATION OF SUSPENSION BALL JOINT PULL OUT FORCE BASED ON FEA METHOD AND EXPERIMENTAL STUDY Alimurtaza Rutci and Fatih Selman Eren	ID-80 / EFFECT OF DIE ANGLE ON TEMPERATURE DISTRIBUTION FOR AL6061 IN ECAP PROCESS Haitham Aljawad, Faruk Mert, Çetin Karataş and Ban Alamer	ID-139 / ZAYIF ZEMİNLER ÜZERİNDEKİ YOL DOLGULARINDA KONSOLİDASYONUN HIZLANDIRILMASI Recep Akan, Sedat Sert and Ertan Bol	ID-90 / PULTRÜZYON YÖNEMİ İLE ÜRETİLMİŞ OLAN CAM ELYAF TAKVİYELİ POLİMERLERİN SÜRÜNME ÖZELLİKLERİNİN İNCELENMESİ İsmail Topcu and Mehmet Dikici
	ID-167 / BALANCING ASSEMBLY LINE OF SOFA SETS IN A FURNITURE FACTORY AND MEASURING THE EFFICIENCY OF THE SYSTEM BY A SIMULATION Halil İbrahim Kuruca, Utku Köker, Samia Chehbi-Gamoura and Serhat Uluşık	ID-87 / THE DESIGN AND PRODUCTION OF TRANSFER TROLLEYS USED IN MARBLE INDUSTRY Abdurrahman Aydın and Erdem Kurtmen	ID-146 / KIRMIZI KALİFORNİYA SOLUCANLARININ YAŞAM ORTAMLARININ MİKRODENETLEYİCİ İLE İZLENMESİ Hakan Üçgün, Oğuz Kocaman, Çağrı Çiçekdemir and Uğur Yüzgeç	ID-93 / BİTKİSEL ESASLI KESME YAĞINA NANO GRAFİT İLAVESİNİN VİSKOZİTE VE TERMAL İLETKENLİK ÜZERİNDEKİ ETKİLERİ Şenol Şirin, Turgay Kıvak, Çağrı Vakkas Yıldırım, Emine Şirin and İlyas Uygur
	16:00 – 16:15	Coffee Break - I		

	Scientific Section – A - II (Chair:) EN A1-A2-A3-A4-A6	Scientific Section – B - II (Chair:) EN A7-A8	Scientific Section – C - II (Chair:) TR A1-A2-b1-b7	Scientific Section – D - II (Chair:) EN B3
First Day 16:15 – 17:45	ID-127 / EFFECTS OF TENSION REINFORCEMENT RATIO ON DUCTILITY OF MID-RISE REINFORCED CONCRETE STRUCTURES Onur Onat and Burak Yön	ID-9 / PATH PLANNING OF MOBILE ROBOTS BASED ON QR CODE Gokhan Atali, Zeynep Garip, Durmuş Karayel, Sinan Serdar Ozkan and Mahmoud Al Abrash	ID-84 / INNOVATION PROCESS AND IDEA MANAGEMENT SYSTEM Müjgan Çetin	ID-187 / THERMODYNAMIC ANALYSIS ON MICROWAVE PLASMA GASIFICATION PERFORMANCE OF SAWDUST Aytaç Şanlısoy and Melda Ö. Çarpınıoğlu
	ID-32 / WHEY POWDER IN THE PREPARATION OF SPECIAL BREAD Delmi Bouras Amina, Megatli Ismail and Dilmi Bouras Abdelkader	ID-58 / NANOFUIDS AND HEAT PIPE LIMITATIONS Maroua Mekcem	ID-85 / 3B BASKI TEKNOLOJİSİ KULLANILARAK HIZLI PROTOTİPLEME YAPIMI VE NESNELERİN ÜRETİMİ Abdurrahman Aydın and Fatih Kahraman	ID-177 / SUPPLIER SELECTION WITH FUZZY TOPSIS AND VIKOR METHOD IN A TRAILER MANUFACTURING COMPANY Seher Arslankaya
	ID-109 / OPTIMIZED FPGA IMPLEMENTATION OF FFT USING VIVADO HLS TOOL Amin Jarrah	ID-114 / NUMERICAL ANALYSIS OF CARBON FIBER/EPOXY COMPOSITES INTERLEAVED WITH POLYAMIDE 6,6 (PA 6,6) NANOWEB INTERLAYERS Bertan Beylergil, Metin Tanoğlu and Engin Aktaş	ID-129 / MARMARA BÖLGESİNDE AFET ÇALIŞMALARININ DEĞERLENDİRİLMESİ II Cengiz İpek, Mehmet Dikiçi, İbrahim Pay and İsmet Kandilli	ID-178 / USING PRINCIPAL COMPONENT ANALYSIS AND ARTIFICIAL NEURAL NETWORKS FOR FAULT TYPE FORECASTING IN AN AUTOMOTIVE COMPANY Tülay Korkusuz Polat
	ID-109 / OPTIMIZED FPGA IMPLEMENTATION OF FFT USING VIVADO HLS TOOL Amin Jarrah	ID-141 / THERMAL CHARACTERIZATION OF POLY(METHYLMETHACRYLATE)/ZINC OXIDE NANOCOMPOSITES Leila Djahnit, Nousaiba Sened, Khaled El-Miloudi, Miguel Angel Lopez-Manchado and Nacerredine Haddaoui	ID-153 / GÖRÜNTÜ İŞLEME TEKNİKLERİ VE YSA İLE BİR PLAKA TANIMLAMA SİSTEMİNİN OLUŞTURULMASI Busra Altun, Gokhan Atali, Sinan Serdar Ozkan and Durmuş Karayel	ID-88 / RECOVERING DATA USING MFT RECORDS IN NTFS FILE SYSTEM Suleyman Gokhan Taskin and Ecir Ugur Kucuksille
	ID-86 / DEVELOPMENT OF MICROCONTROLLER BASED TWO STAGE STUDENT ATTENDANCE MANAGEMENT SYSTEM Hakan Ügün, Enes İleri, Uğur Yüzgeç and Ridvan Yayla	ID-150 / NEXT GENERATION HYBRID NANOFIBER BASED ELECTROCHROMIC DEVICES Cigdem Dulgerbaki, Aliihsan Komur and Aysegül Uygun Oksuz	ID-175 / DİJİTAL DÖNÜŞÜM VE MAKİNE İMALAT SEKTÖRÜNDE OLASI ETKİLERİ Ferhat Güngör and Ayhan Etyemez	ID-120 / DESIGN AND IMPLANTATION OF A VOLUNTARY READING MOBILE APPLICATION FOR PEOPLE WHO ARE VISUALLY IMPAIRED Afnan Abouelwafa, Nadia Selim, Hanan Alateeq, Dalal Alzaid, Shiroq Al-Megren and Heba Kurdi
	ID-137 / CONTROLLING THE FLOW STRUCTURE OF CIRCULAR CYLINDER BY USING CONCENTRICALLY INSTALLED PERFORATED CYLINDER AND SPLITTER PLATE Engin Pinar, Arda Yeniçun, Göktürk Memduh Özkan, Tahir Durhasan, Umutkan Olmus, Hüseyin Akilli and Beşir Şahin	ID-152 / TUNGSTEN OXIDE NANOFIBERS FOR ELECTROCHROMIC DEVICE APPLICATION Cigdem Dulgerbaki, Aliihsan Komur and Aysegül Uygun Oksuz	ID-23 / A Study on The Processes of Realization of WSN Protocols in Open Modeler Gürkan Doğan, Güngör Yıldırım and Yetkin Tatar	ID-164 / DETECTION OF CIRRUS CLOUDS BY STEREOVISION SYSTEM Mohamed Nadjib Kouahla, Brahim Farou, Zineddine Kouahla and Hamid Seridi
17:45 – 18:00	Coffee Break - II			
First Day 18:00 – 19:30	Scientific Section – A - III (Chair:) EN A9	Scientific Section – B - III (Chair:) EN A9-A11	Scientific Section – C - III (Chair:) TR A10-A9	Scientific Section – D - III (Chair:) TR A7-A9
	ID-20 / TRIBOLOGICAL STUDY OF THE STEEL COUPLES IN DYNAMIC CONTACT ACCORDING TO HARDNESS Abdelmalek Elhadi, Jomaa Walid, Yasser Zedan and Philippe Bocher	ID-145 / THE EFFECTS OF PHYSICAL PROPERTIES OF FIBERS IN NETTLE FIBER/POLYESTER COMPOSITES ON THE THERMAL CONDUCTIVITY COEFFICIENT Murat Koru and Kenan Büyükkaya	ID-28 / FARKLI TASARIMLARDAKİ REZONANS ENDÜKTANSLARININ (LR) LLC DÖNÜŞTÜRÜCÜ VERİMİ ÜZERİNE ETKİSİ Mehmet Caner Başol, Koray Yılmaz Kaya and Ömer Emre Pepeç	ID-134 / ROBOTİK UYGULAMALAR İÇİN SU ÜSTÜNDE TİTREŞİME DAYALI HAREKET EDEN YENİLİKÇİ BİR İLERLEME MEKANİZMASI Ahmed Burak Tapan And Murat Reis
	ID-54 / INFLUENCE OF MINERAL ADDITIONS ON THE MICROSTRUCTURE OF CONCRETE IN CHLORIDE ENVIRONMENT Walid Edris, Safwat Abdelkader, Encarnacion. Pozo and Amparo Terradesd	ID-154 / PREPARATION OF SNO ₂ THIN FILMS BY ECONOMIC APCVD TECHNIQUE AT DIFFERENT TEMPERATURES Sanaa Al-Delaimy	ID-29 / TAM DALGA DOĞRULTUCU-KAPASİTE DEVRESİNİN MATEMATİKSEL OLARAK İNCELENMESİ, SİMÜLASYONU VE GERÇEKLENMESİ Mehmet Caner Başol, Koray Yılmaz Kaya and Ömer Emre Pepeç	ID-151 / EFFECT OF SLOT OPENING ON THE PERFORMANCE METRICS OF PERMANENT MAGNET SYNCHRONOUS MOTORS Ali Bakbak and Erkan Meşe
	ID-108 / ELECTRODEPOSITED COPPER ON INDIUM TIN OXIDE. REACTION AND NUCLEATION MECHANISMS Zouaoui Ahmed	ID-158 / NEW COMPLEX BEARING END-TO-END DICYANAMIDE AS A DOUBLE BRIDGING LIGAND: CRYSTALLOGRAPHY STUDY AND MAGNETIC PROPERTIES Abderazak Addala, Fatima Setifi and Piotr Konieczny	ID-68 / EGZOZ ATIK İSİSİNDAN TERMOELEKTRİK MODÜLLE ENERJİ ÜRETMEN SİSTEM TASARIMI VE OPTİMİZASYONU Murat Karabektaş and Gülden Bolatlı	ID-162 / CHENİLLE İPLİĞİNİN BÜKÜMÜNÜN BİLGİSAYARLA GÖRÜ YÖNTEMİYLE ÖLÇÜLMESİ MEASUREMENT OF TWIST OF CHENILLE YARN BY USING COMPUTER VİSİON İhsan Süle
	ID-112 / PROPERTIES OF SELF-COMPACTING MORTARS WITH DIFFERENT CONTENTS OF SYNTHETIC MACRO FIBER Serkan Etili, Selim Cemalgil and Onur Onat	ID-168 / ELECTROOXIDATION OF ALKYD RESIN PRODUCTION WASTEWATER BY BOREN DOPED DIAMOND ELECTRODE Nevin Atalay Gençec, Erhan Gençec, Orhan Taner Can and Mehmet Kobya	ID-122 / ANALYSIS OF Z-SOURCE MICROINVERTER FOR PHOTOVOLTAIC APPLICATIONS USING MATLAB/SIMULINK ENVIRONMENT Mustafa Sacid Endiz and Ramazan Akkaya	ID-170 / LAZERLE UZAKLIK ÖLÇÜMÜ VE BU ALANDA KULLANILAN ÖLÇÜM YÖNTEMLERİNİN KARŞILAŞTIRILMASI Şerafettin Erel
	ID-136 / STRUCTURAL CHARACTERIZATION OF ZNO/POLYSTYRENE NANOCOMPOSITE THIN FILMS Larbi Fadila and Djahnit Leila	ID-100 / ESTABLISHING NEW DIFFUSE SOLAR RADIATION EQUATIONS FOR ANTALYA, TURKEY Ceyda Aksoy Tirmikçi and Cenk Yavuz	ID-147 / ÇOKLU ÇARPAN JETLİ DİKDÖRTGEN KANALDA YÜZEY İSİ GEÇİŞİNİN DENEYSEL ARAŞTIRILMASI Ünal Uysal and Metin Sözbir	ID-185 / Isı Yalıtım Malzemelerinin Ses Yalıtım Özelliklerinin Değerlendirilmesi Ahmet Fertelli and Sinan Aydın
ID-140 / STRUCTURAL, VIBRATIONAL AND THERMODYNAMIC PROPERTIES OF (NH ₄) ₂ SO ₄ AND NH ₄ NO ₃ : AB INITIO STUDY Saïda Bourahla and Soumia Kouadri Moustefai	ID-101 / DETERMINING THE NUMBER OF SOLAR MODULES OF A 1KW SOLAR ENERGY SYSTEM IN ANTALYA, TURKEY Ceyda Aksoy Tirmikçi and Cenk Yavuz	ID-99 / ENDÜSTRİYEL MUTFAKLARDA ATIK YAĞ GERİ KAZANIMI İLE METİL ESTERİ ÜRETİMİ Zafer Kahraman, Murat Hacı and Hakan Serhad Soyhan	ID-183 / MICROWAVE PLASMA GASIFICATION PERFORMANCE OF SAWDUST Aytaç Şanlısoy and Melda Ö. Çarpınıoğlu	
20:00 - 23:00	Symposium Dinner			

TIME	Saturday, November 10, 2018			
Second Day 09:30 – 11:00	Scientific Section – A - IV (Chair:) EN A10	Scientific Section – B - IV (Chair:) EN C1	Scientific Section – C - IV (Chair:) TR C1	Scientific Section – D - IV (Chair:) TR C3
	ID-3 / SUPER-CAPACITORS AS AN ALTERNATIVE FOR RENEWABLE ENERGY UNSTABLE SUPPLY Collins Ineneji, Olusola Bamisile and Mehmet Kuşaf	ID-21 / PERCEPTION OF TURKISH ENGINEERING STUDENTS TOWARDS INNOVATION AND SELF-INNOVATIVENESS Dilara Albayrak Serin	ID-72 / DÖRT TARAFINDAN ANKASTRE MESNETLİ BERKİTİMSİZ DİKDÖRTGEN NARİN LEVHALARIN FARKLI KALINLIK VE BOYUTLARDA KARŞILIKLI KENARLARINDAN DÜZGÜN YAYILI YÜKLE YÜKLENMESİ DURUMUNDA TAŞIMA DAVRANIŞININ BELİRLENMESİ Ahmet Necati Yelgin, Hüseyin Yelgin, Akın Özmen and Uğur Külekçi	ID-18 / EFFECT OF ENERGY DIRECTOR TYPES ON GLAS FIBER RINFORCED PP ULTRASONIC WELD JOINT STRENGTH Hüseyin Uzun and Melih Tuyan
	ID-22 / MODELLING AND DYNAMIC SIMULATION OF A SOLAR VEHICLE FOR TRACK EVENTS Onur Serin	ID-37 / PBENCH: A PARALLEL, REAL-TIME BENCHMARK SUITE Sevil Serttaş and Veysel Harun Şahin	ID-73 / DÖRT TARAFINDAN ANKASTRE MESNETLİ VE ÜÇ KENARI MAFSALLI MESNETLİ DİĞER KENARI BOŞ TA BERKİTİMSİZ DİKDÖRTGEN NARİN LEVHALARIN TAŞIMA DAVRANIŞLARININ BELİRLENMESİ Ahmet Necati Yelgin and Hüseyin Yelgin	ID-79 / BÜYÜK VERİ SETLERİNDE VARLIK TANIMA: EN SIK GEÇEN E-POSTA, WEB ADRESLERİNİN VE EMOJİLERİN TESPİT EDİLMESİ Ahmet Arslan, Ahmet Alkılıç and Bekir Taner Dinçer
	ID-26 / USEFUL LIFE PREDICTION OF ALUMINUM ELECTROLYTIC CAPACITORS USED IN MOTOR DRIVE APPLICATIONS Volkan Süel, Halil Onay, Kenan Akıncı and Tayfun Özgen	ID-42 / ROBOTIC FLIGHT SYSTEMS AND APPLICATIONS Dilehan Avcı and Gökhan Avcı	ID-74 / ÖN DÖKÜMLÜ BETONARME DÖŞEMENİN EPOKSİ REÇİNESİ YARDIMIYLA ÇELİK PLAKALARLA GÜÇLENDİRİLMESİNDE ELDE EDİLEN KOMPOZİT KİRİŞLERDE EPOKSİ REÇİNESİNİN DAVRANIŞININ İNCELENMESİ Ahmet Necati Yelgin and Özgür Çetin	ID-89 / KABİNLİ TRAKTÖRLERDE ÇUBUKLU DEBRİyaj VE DİREKSİYON ALTI SHUTTLE KOLONUN KİLİTLEME MEKANİZMASININ TASARIMI VE ANALİZİ Zafer Çakır, Ali Kullukçu, Durmus Karayel, Gökhan Atalı and Sinan Serdar Özkan
	ID-30 / A SERIES HYBRID ELECTRIC VEHICLE SIMULATION AND ANALYSIS OF FUEL CONSUMPTION ALTERATION IN DIFFERENT DRIVING CYCLES Onur Serin and Dilara Albayrak Serin	ID-107 / SYSTEM FOR VIRTUAL COUNTING BY DYNAMIC SIMULATION OF A GAS NETWORK Mohamed Chérif Abdel-Fettah Touabti	ID-95 / SİVRİSİNEKLERDEN KORUYUCU TEKSTİL ÜRÜNLERİNİN İNCELENMESİ İsmail Yuca	ID-113 / OTOMATİK KÜTLE YÜKLEMELİ PİSTONLU BASINÇ STANDARDI İLE REFERANS BASINÇ UYGULAMASI Recep Yılmaz and Abdullah Hamarat
	ID-39 / NUMERICAL INVESTIGATION OF TRANSITIONAL FLOW OVER A FLAT PLATE UNDER CONSTANT HEAT FLUXES Gökhan Canbolat, Alperen Yıldızeli, Haluk Anıl Köse and Sertaç Çadırcı	ID-123 / DESIGN OF A PREVENTION SYSTEM OF FRONTAL CAR CRASHES FOR "SACH" CARS Miguel Ángel Risetto and Miguel Prat	ID-96 / COMPARISON OF FLOOD DISCHARGE ESTIMATES OF RIVERS WITHOUT CURRENT MONITORING STATIONS USING ASTER IMAGES AND 1/25000 SCALED TOPOGRAPHIC MAPS Tülay Ekemen Keskin, Halil İbrahim Çetiner, Hatice Betül Umarusman, Sıdar Genç, Halis Yusuf Kılıç and Suat Başdağ	ID-117 / LAZER KESİM MAKİNASI KÖPRÜ SİSTEMİNİN SAYISAL DİNAMİK ANALİZİ Recep Yılmaz and Ahmet Samancı
ID-40 / NUMERICAL INVESTIGATION OF CONJUGATE HEAT TRANSFER IN RECTANGULAR MICRO-CHANNEL HEAT SINKS UNDER LAMINAR FLOW CONDITIONS Haluk Anıl Köse, Alperen Yıldızeli, Gökhan Canbolat and Sertaç Çadırcı	ID-142 / MODELING OF 6-PHASE INDUCTION MACHINE INCLUDING STATOR SLOTS EFFECT Zahra Yasmine Kecita and Mohammed Yazid Kaikaa	ID-148 / TEORİK NİHAİ KAZIK TAŞIMA GÜCÜ HESAPLAMALARI İLE KAZIK YÜKLEME YÖNTEMLERİN KARŞILAŞTIRMALI ANALİZİ Halil Kabaca and İsa Vural	ID-118 / GEZİ TEKNELERİNİN BATMASI ÜZERİNE BİR VAKA ÇALIŞMASI Huseyin Yilmaz	
11:00 – 11:15	Coffee Break - III			
Second Day 11:15 – 12:45	Scientific Section – A - V (Chair:) EN A10-C1	Scientific Section – B - V (Chair:) EN C3	Scientific Section – C - V (Chair:) TR C2-C3-C4-C7	Scientific Section – D - V (Chair:) TR C3
	ID-57 / A STUDY ON A STEAM DISTRIBUTION TECHNOLOGY FOR USE IN HYDROGEN PRODUCTION AND POWER GENERATION Sunhee Oh, Jeachul Jang, Chongpyo Cho, Yong Tae Kang and Seong-Ryong Park	ID-2 / PROMOTING RENEWABLE ENERGY TECHNOLOGIES FOR RURAL DEVELOPMENT IN NIGERIA Abubakar Ahmed, Bashir Ahmed Danzomo and A.S Abubakar	ID-126 / YANGIN GÜVENLİĞİ VE TAHLİYE YÖNETİMİ Bülent Açıl, Orhan Oduncu, Tayfun Turalı, Selçuk Kömçü, Tuğrul Soysal, Gökhan Coşkun and Hakan Soyhan	ID-143 / PERDELİ-ÇERÇEVELİ BİNALARDA PERDE DUVARLARIN MOMENT ZORLANMASI HESABI İÇİN BASİT BİR YAKLAŞIM Sıla Yaman, Hamide Tekeli and Fuat Demir
	ID-105 / ACCURATE PREDICTION OF VOLTAGE GAIN OF THE LLC RESONANT CONVERTER FOR EV BATTERY CHARGE APPLICATIONS Sevilay Cetin	ID-10 / RISK CLASSIFICATIONS FOR CONSTRUCTION WORKERS' VIBRATION SYNDROME Sadık Alper Yıldızeli and Mehmet Ali Yurdusev	ID-131 / YANGINA MÜDAHALE TEKNİKLERİNDE VE YANGIN TEÇHİZATLARINDA ORGANİZASYONEL/TEKNOLOJİK İNNAVASYON Salim Turhan, Orhan Oduncu, Hakan Serhad Soyhan, Bülent Açıl and Gökhan Coşkun	ID-144 / SU SERTLİĞİNİN ANFİS İLE TAHMİN EDİLMESİ: KÖPRÜÇAY ÖRNEĞİ Kemal Saplöğlü and Tülay Suğra Küçükerdem
	ID-124 / INVESTIGATION ON THE CHANGES IN THE TEMPERATURE THAT IS CAUSED IN VORTEX TUBE Unal Uysal and Selahattin Kasar	ID-13 / DESIGN OF MICROSTRIP LOW PASS FILTERS Reşat Tüzün and Nursel Akçam	ID-81 / DESIGN OF ARDUINO SHIELD TO RECORD REAL-TIME ELECTROCARDIOGRAPHY SIGNALS Yalçın İşler and Onur Doğanay Çayataş	ID-155 / SİNYALİZASYONLU KAVŞAK YAKLAŞIMINDA ÜSTYAPI DÜZGÜNSÜZLÜĞÜ İLE SÜRÜCÜ DAVRANIŞI ETKİLEŞİMİNİN DEĞERLENDİRİLMESİ Ayşe Ünal, Meltem Saplöğlü and Melek Böcek
	ID-138 / A METHODOLOGY FOR ENERGY SIMULATION OF RISEIDENTIAL BUILDINGS: A CASE STUDY FOR AMMAN Ahmad Altarabsheh, İbrahim Altarabsheh, Sara Altarabsheh, Nisreen Rababaa, Ayat Smadi and Doha Obeidat	ID-41 / SONLU ELEMANLARA DAYALI DİNAMİK ANALİZ; ZEMİN İYİLEŞTİRME - DERİN TEMEL ÖRNEĞİ Hüseyin Mungan and Ayşe Bengü Sünbül	ID-116 / ACI DÜVELEKTEKİ BAZI ETKEN MADDELERİN ACHE VE BCHE OLAN ETKİSİNİN TEORİKSEL ARAŞTIRILMASI Faik Gökalp	ID-156 / ATÖLVE BİNALARININ DEPREM PERFORMANSINI ETKİLEYEN BAZI PARAMETRELERİN İNCELENMESİ Abdullah Gündoğay and Hamide Tekeli
	ID-179 / ESSENTIAL OIL COMPOSITION OF LAVANDIN (LAVANDULA X INTERMEDIA) CULTIVATED IN BISMIL-TURKEY Mustafa Abdullah Yılmaz	ID-119 / ONLINE TRANSIENT STABILITY ASSESSMENT VIA QUICK DETERMINATION OF CRITICAL CLEARING TIME Hamid Reza Shabani and Mohsen Kalantar	ID-111 / BLOCKCHAIN BASED DIPLOMA MANAGEMENT Ekrem Yasir İkizoğlu	ID-173 / CFRP İLE GÜÇLENDİRİLMİŞ EĞİLME YÜKÜ ETKİSİNDEKİ BETONARME KİRİŞLERİN SONLU ELEMANLAR YÖNTEMİ İLE ANALİZİ Wael Mansur Hussien, Ali Sarbryk and Emine Aydın
ID-19 / EFFECTS OF SELECTED WARM MIX ASPHALT ADDITIVES ON VISCOSITY PROPERTIES OF BINDER Bekir Aktas, Şuayip Aytekin and Şevket Aslan	ID-130 / MODAL ANALYSIS OF MULTI PURPOSE HYDRAULIC DIE SPOTTING PRESS Mithat Can Özün, İker Murat Koç, Hasan Büyükdede, Ufuk Alemardoğlu and Fikret Dalkıran	ID-176 / MÜHENDİSLİK EĞİTİMİ VE YÜKSEKÖĞRETİMDE KALİTE GÜVENCE ÖLÇÜTLERİ Ferhat Güngör and Ayhan Etemez	ID-180 / ÇARPMA ETKİSİNDEKİ ULTRAYÜKSEK PERFORMANSLI LİFLİ BETONARME KİRİŞLERİN SONLU ELEMANLAR YÖNTEMİ İLE ANALİZİ Gamze Demirtaş, Naci Çağlar and Yusuf Sümer	
12:45 – 14:00	Lunch			

	Scientific Section – A - VI (Chair:) EN C2-C3-C4-C7	Scientific Section – B - VI (Chair:) EN C4-C7	Scientific Section – C - VI (Chair:) EN C7-b8	Scientific Section – D - VI (Chair:) TR A9
Second Day 14:00 – 15:30	ID-166 / INVESTIGATION OF SOIL STRUCTURE INTERACTION PROBLEM FOR A MASONRY BUILDING Asuman Iğil Çarhoğlu and Pınar Usta	ID-45 / THE EFFECT OF ATTENTIONAL FOCUS CONDITIONS ON PERFORMER'S EMG ACTIVITY Ayşe Nur Ay, Yaşar Banış Dolukan and Mustafa Zahid Yıldız	ID-161 / PROMOTING A RESEARCH-BASED EDUCATION THROUGH UNDERGRADUATE RESEARCH EXPERIENCE FOR ENGINEERING STUDENTS Maya Abi Akl, Othmane Bouhali and Yassine Toufique	ID-91 / SERAMİK TAKVİYELİ ALÜMİNYUM ESASLI METAL MATRİK KOMPOZİTLERİN AŞINMA ÖZELLİKLERİNİN İNCELENMESİ İsmail Topcu
	ID-171 / DETERMINATION OF FACTORS CAUSING CUSTOMER LOSS IN THE BANKING SECTOR USING DATA MINING METHODS Seher Arslankaya	ID-46 / DETERMINATION OF THE OPTICAL PROPERTIES OF BOVINE LIVER TISSUE USING INTEGRATING SPHERE TECHNIQUE Halil Arslan and Yasar Baris Dolukan	ID-163 / DESIGN OF A WATER DISTRIBUTION SYSTEM AS AN INNOVATIVE APPROACH FOR EFFECTIVE MULTI-DISCIPLINARY COURSE-FREE ENGAGEMENT OF AN UNDERGRADUATE ENGINEERING STUDENTS Taha Kubbar, Osamah Hindi, Elizabeth Abraham, Khaled Elsaid and Yasser Al Hamidi	ID-125 / Tİ-6AL-4V ALAŞIMININ KATI PARÇACIK EROZYON DAVRANIŞININ DENEYSEL VE SAYISAL OLARAK İNCELENMESİ Ali İhsan Budur and Hasan Gedikii
	ID-157 / PASSIVE VIBRATION ABSORBER APPLIED TO SIMPLE SUPPORTED EULER BERNOLLI BEAM WITH MOVING A SINGLE DOF CAR Mehmet Akif Koç, İsmail Esen And Mustafa Eroğlu	ID-102 / THERMAL AND DYNAMIC MECHANICAL ANALYSES OF POLY(LACTIC ACID)/POLY(ETHYLENE GLYCOL) BLENDS Benaniba Mohamed Tahar and Aouachria Kamira	ID-24 / EVALUATION OF CADAstral WORK DONE USING TOTAL STATION INSTRUMENT Mohammed Aldelgawy	ID-159 / DÜŞÜK DAYANIMLI BETONLARIN CFRP KOMPOZİTLER İLE GÜÇLENDİRİLMESİ VE SONLU ELEMAN YÖNTEMİ İLE ANALİZİ Ameen Alfaqeeh, Ali Sarbiyyk and Ergün Nart
	ID-160 / ESTIMATION OF FRICTION FORCE IN MINIMALLY INVASIVE SURGERY WITH TACTILE SENSORS Mithat Can Özın, Bilsay Sümer and İlker Murat Koç	ID-7 / THE DESIGN OF HARMONIC SIMULATOR BASED ON HARTLEY TRANSFORM Fahri Vatanserver and Nedim Aktan Yalcın	ID-64 / APPLIED TECHNIQUE FOR UTILIZING TOTAL STATION IN MONITORING DIFFERENTIAL SETTLEMENT Mohammed Aldelgawy	ID-180 / ÇARPMA ETKİSİNDEKİ ULTRAYÜKSEK PERFORMANSLI LİFLİ BETONARME KIRIŞLARIN SONLU ELEMANLAR YÖNTEMİ İLE ANALİZİ Gamze Demirtaş, Naci Çağlar and Yusuf Sümer
	ID-172 / PINCH FORCE MEASUREMENT IN MINIMALLY INVASIVE SURGERY WITH TACTILE SENSORS Mithat Can Özın, Bilsay Sümer and İlker Murat Koç	ID-8 / THE DESIGN OF EDUCATIONAL SIMULATOR FOR NOISE AND FILTER TYPES IN IMAGE PROCESSING Fahri Vatanserver and Nedim Aktan Yalcın		ID-173 / CFRP İLE GÜÇLENDİRİLMİŞ EĞİLME YÜKÜ ETKİSİNDEKİ BETONARME KIRIŞLARIN SONLU ELEMANLAR YÖNTEMİ İLE ANALİZİ Wael Mansour Hussien, Ali Sarbiyyk and Emine Aydın
	ID-182 / ANALYSES OF HEAVY CONSTRUCTION EQUIPMENT ACCIDENTS AND SAFETY PREVENTION Niyazi Bilim, Bilgehan Kekec and Atiye Bilim	ID-149 / ENHANCING THE STUDENT LEARNING IN ENGINEERING EDUCATION WITH THE VIRTUAL REALITY EXPERIENCES Ali Sheharyar and Othmane Bouhali		ID-186 / NANOPARTİKÜL VE YÜZEY PÜRÜZLÜLÜĞÜNÜN YAPIŞMA MUKAVEMETİNE ETKİLERİNİN İNCELENMESİ Sinan Aydın and Ahmet Fertelli
15:30 – 15:45	Coffee Break - IV			
	Scientific Section – A - VII (Chair:) EN B7-B8	Scientific Section – B - VII (Chair:) EN	Scientific Section – C - VII (Chair:) TR	Scientific Section – D - VII (Chair:)
Second Day 15:45 – 17:15	ID-115 / GENERATING A GENERAL BOUNDARY MAP FOR LAND WITH SPATIAL DECISION SUPPORT SYSTEMS Huseyin Hakli	ID-184 / A REVIEW ON THE EVOLUTION OF THE TURKEY MINING SECTOR Bilgehan Kekec, Niyazi Bilim and Dhikra Ghiloufi	ID-189 / BULANIK AHP VE BULANIK MOORA YÖNTEMLERİ KULLANILARAK TEDARİKÇİ SEÇİMİ Özer Uygun, Fatih Dalkılıç and Enes Furkan Erkan	
	ID-17 / DESIGN OF MICROSTRIP PATCH ANTENNA WITH INSET FEED IN CST FOR EBS CHANNEL Muğtaba Ali, Muhammad Khan and Omer Farooq	ID-25 / CLASSIFICATION OF ALCOHOL AND CARBON MONOXIDE USING GAS SENSORS BY HEURISTIC ALGORITHM BASED NEURAL NETWORK M. Fatih Adak and Nejat Yumusak	ID-192 / GENÇ SÜRÜCÜ DAVRANIŞLARININ TRAFİK GÜVENLİĞİ KONSEPTİNDE ANALİZİ Hakan Aslan	
	ID-63 / ON FORMAL VERIFICATION OF WIRELESS SENSOR NETWORKS PROTOCOL IN MAC LAYER Tahar Abbas Mounir, Bechar Rachid and Senouci Mohamed	ID-182 / ANALYSES OF HEAVY CONSTRUCTION EQUIPMENT ACCIDENTS AND SAFETY PREVENTION Niyazi Bilim, Bilgehan Kekec and Atiye Bilim	ID-193 / ÖLÜMLÜ VE YARALANMALI TRAFİK KAZALARININ PARAMETRİK VERİ MADENCİLİĞİ ANALİZİ: SAKARYA ÖRNEĞİ Z. Çağla Çağlar, Hakan Aslan	
	ID-169 / EXPERIMENTAL AND NUMERICAL INVESTIGATION OF THICKNESS DISTRIBUTION IN FORMING OF SUPERPLASTIC ZN-22AL ALLOY Mehmet Emin Çetin, Ömer Necati Cora and Hasan Sofuoğlu	ID-190 / DEVELOPMENT AND EVALUATION OF THE POROUS STRUCTURE AND ITS EFFECT ON THE CONDUCTIVITY OF CONDUCTIVE POLYMER COMPOSITES Abdelhafid Merzouki and Naceredine Haddaoui	ID-49 / TIBBİ METİN DOKÜMANLARININ SINIFLANDIRILMASINDA TERİM AĞIRLIKLANDIRMA YÖNTEMLERİNİN BAŞARIMLARININ KIYASLANMASI Turgut Doğan and Alper K. Uysal	
	ID-174 / PROPELLANT BUDGET CALCULATION OF GEOSTATIONARY SATELLITES Şenol Gülgönül and Nedim Sözbir	ID-191 / THE DEVELOPMENT OF USING ELEVATORS IN DIFFERENT BUILDINGS Lamis Sayed Abdelkader	ID-62 / SAĞLIK ALANI İÇİN KİŞİSELLEŞTİRİLMİŞ NESNELERİN İNTERNETİ PLATFORMU Emine Sezer, Murat Osman Ünali, Furkan Yıldız, Akın Gümüşkavak and Nuri Akçay	
	ID-188 / AN APPLICATION OF ANALYTIC HIERARCHY PROCESS AND FUZZY ANALYTIC HIERARCHY PROCESS TO THE CASE TYPE SELECTION PROBLEM Tülay Korkusuz Polat			
17:15 – 17:30	Coffee Break - IV			
17:30 – 18:00	Closing Ceremony			