



## II.INTERNATIONAL CONGRESS ON ADVANCED RESEARCH AND APPLICATIONS

September 19-20, 2024

Sivas Cumhuriyet University, Sivas, Türkiye

# CONGRESS PROGRAM



**Meeting ID: 862 1528 3413**  
**Passcode: 202020**

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- ◆ Bilgisayarınızda mikrofon olduğuna ve çalıştığına emin olun.
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- ❖ All congress participants can connect live and listen to all sessions.
- ❖ Moderator is responsible for the presentation and scientific discussion (question-answer) section of the session.

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- ◆ Make sure your computer has a microphone and is working.
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- ◆ Requests such as change of place and time will not be taken into consideration in the congress program.

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**exp. Hall-1, Seda BEYAZ**

## OPENING CEREMONY

19.09.2024

Ankara Local Time: 10:00 – 10:30

**Moderator: Assoc. Prof. Dr. Ebru YABAŞ**

**Dr. Mustafa Latif EMEK**  
*President of IKSAD Institute*

**Prof. Dr. Mehmet ŞİMŞİR**  
*Sivas Cumhuriyet University*  
CONGRESS CHAIR

**Prof. Dr. Vilayat VALIYEV**  
*Rector of Azerbaijan Technical University*  
CONGRESS HONORARY CHAIR

**Prof. Dr. Alim YILDIZ**  
*Rector of Sivas Cumhuriyet University*  
CONGRESS HONORARY CHAIR

## INVITED SPEAKERS

19.09.2024

Ankara Local Time: 10:30 – 11:30

**Moderator: Assoc. Prof. Dr. Ebru YABAŞ**

**Prof. Dr. Mustafa GÜDEN**  
*Sabancı University*

**Prof. Dr. Fabienne DUMOULIN**  
*Acibadem Mehmet Ali Aydınlar University*

**Prof. Dr. Salih Zeki YILDIZ**  
*Sakarya University*

Session-1, Hall-1

19.09.2024

Moderator: Prof. Dr. Salih Cem İNAN

Meeting ID: 862 1528 3413 / Passcode: 202020

Ankara Local Time: 14:00 – 16:00

Title	Author(s)	Affiliation
FABRICATION AND CHARACTERIZATION OF WS <sub>2</sub> /AIN/Si HETEROJUNCTION STRUCTURES	Meltem DÖNMEZ KAYA	Gazi University, Ankara, Türkiye
COMPARATIVE STUDY: INVESTIGATION OF THE ELECTRICAL PROPERTIES OF DIODES BASED ON GRAPHENE QUANTUM DOTS WITH AND WITHOUT DOPING OF RARE EARTH ELEMENTS	Elanur DİKİCİOĞLU Aslıhan ANTER Elif ORHAN	Yüksek İhtisas Üniversitesi, Ankara, Türkiye Gazi University, Ankara Türkiye
INVESTIGATION OF THE Z <sup>+</sup> BOSON PREDICTED IN 3-3-1 MODELS AT HIGH ENERGY MUON COLLIDERS	Aysuhan OZANSOY Beyzanur AKA	Ankara University, Ankara, Türkiye
COMPARATIVE STUDY: SYNTHESIS AND CHARACTERIZATION OF CARBON-BASED NANOCOMPOSITES WITH AND WITHOUT LANTHANIDE DOPING	Zeynep BERKTAŞ Prof. Dr. Elif ORHAN	Gazi University, Ankara, Türkiye
INVESTIGATION OF THE EMI SHIELDING PERFORMANCE OF RAPIDLY SOLIDIFIED COBALT, NICKEL, AND IRON-BASED SOFT MAGNETIC RIBBONS	Mehmet KARACA Muhammed Fatih KILIÇASLAN Ekrem YARTAŞI Tahsin AYDIN	Sivas University of Science and Technology, Sivas, Türkiye
NOISE AND HEARING LOSS, PROTECTION METHODS	Mansur DOĞAN	Sivas Cumhuriyet University, Sivas, Türkiye
SEARCH FOR THE RS MODEL IN THE MUON COLLIDER	Salih Cem İNAN	Sivas Cumhuriyet University, Sivas, Türkiye
INVESTIGATION OF ANOMAL INTERACTIONS OF HIGGS BOSON AT THE CLIC	Salih Cem İNAN	Sivas Cumhuriyet University, Sivas, Türkiye

All participants must join the conference 10 minutes before the session time.

Every presentation should last not longer than 10-12 minutes.

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**Session-1, Hall-2**

**19.09.2024**

**Moderator: Assoc. Prof. Dr. Sayiter YILDIZ**

**Meeting ID: 862 1528 3413 / Passcode: 202020**

**Ankara Local Time: 14:00 – 16:00**

Title	Author(s)	Affiliation
INVESTIGATION OF RADAR ABSORPTION PERFORMANCES OF MAGNETIC CARBON MATERIALS	Beyza KALKAN Ebubekir Sıddık AYDIN	Sivas University of Science and Technology, Sivas, Türkiye
EVALUATION OF BARIUM AND CALCIUM OXIDE ADDITIVES IN LITHIUM SILICATE GLASSES FOR RADIATION SHIELDING APPLICATIONS	Hatice YILMAZ ALAN	Ankara University, Ankara, Türkiye
WELD OPTIMIZATION AND PERFORMANCE ANALYSIS OF DIFFERENT SHAFT FORMS FOR ST37 AND C35 MATERIALS IN LOAD HOOKS OF COMMERCIAL VEHICLES	Mehmet Ali BAYAR	Kocaeli University, Kocaeli, Türkiye
INVESTIGATION OF THE USE OF AMORPHOUS NANOCRYSTAL STRIPS AS MICROSTRIP PATCH ANTENNAS IN THE ISM BAND	Muhammed Fatih KILIÇASLAN Muhammed Sencer PALA	Sivas University of Science and Technology, Sivas, Türkiye
REACTIVE RED 120 DYE REMOVAL FROM AQUEOUS SOLUTION WITH COPPER OXIDE NANOPARTICLES	Sayiter YILDIZ Gamze TOPAL CANBAZ	Sivas Cumhuriyet University, Sivas, Türkiye
DROUGHT INDICES: DEVELOPMENT, APPLICATION AREAS AND FUTURE DIRECTIONS	Sayiter YILDIZ Can Bülent KARAKUŞ	Sivas Cumhuriyet University, Sivas, Türkiye
URBAN LIFE QUALITY BASED ON INDEX-BASED APPROACHES AND LIVABLE CITY EXAMPLES IN THE WORLD	Can Bülent KARAKUŞ Sayiter YILDIZ	Sivas Cumhuriyet University, Sivas, Türkiye

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**Session-1, Hall-3**

**19.09.2024**

**Moderator: Assoc. Prof. Dr. Ebru YABAŞ**

**Meeting ID: 862 1528 3413 / Passcode: 202020**

**Ankara Local Time: 14:00 – 16:00**

Title	Author(s)	Affiliation
EFFECTS OF THE ADDED ELEMENT ON THE MORPHOLOGY OF THE Al-Si-Mg ALLOY	Levent ELEN Halil Ahmet GÖREN	Karabük University, Karabük, Türkiye Sinop University, Sinop, Türkiye.
EXPERIMENTAL VALIDATION OF THE PMG OPTIMIZATION SCHEMA FOR A NON-VACUUM CRYOSTAT	Ali Suat YILDIZ	Sivas University of Science and Technology, Sivas, Türkiye
3D SURFACE ANALYSIS WITH HORIZONTAL AND VERTICAL FRINGE PATTERNS	Tahsin AYDIN Ayşe Vildan SERT Mehmet KARACA Ekrem YARTAŞI	Sivas University of Science and Technology, Sivas, Türkiye
NEW GENERATION PROPOLIS EXTRACTION USING ALTERNATIVE GREEN TECHNOLOGIES	Esen Bilge BİÇER Ebru YABAŞ	Sivas Cumhuriyet University, Sivas, Türkiye
PLANT-MEDIATED GREEN SYNTHESIS OF METAL OXIDE NANOSTRUCTURES FOR ENERGY APPLICATIONS	Gülbahar BİLGİÇ TÜZEMEN	Nevsehir Hacı Bektas Veli University, Turkey
PREPARATION OF DEEP EUTECTIC SOLVENTS AND THEIR USE IN THE PRECONCENTRATION OF HEAVY METALS IN ENVIRONMENTAL SAMPLES	Sezgin BAKIRDERE Ozan YAĞMUROĞLU	Yıldız Technical University, İstanbul, Türkiye National Defence University, İstanbul, Türkiye
INVESTIGATION OF T-JOINT BUTT WELDING OF STAINLESS AND PLAIN CARBON STEELS WITH METAL ACTIVE GAS WELDING IN PB POSITION	Güler ULAŞ Mehmet ŞİMŞİR	Sivas Cumhuriyet University, Sivas, Türkiye
NEW GENERATION HYBRID NANOMATERIALS IN FUTURE MATERIALS TECHNOLOGIES	Ebru YABAŞ Mehmet ŞİMŞİR	Sivas Cumhuriyet University, Sivas, Türkiye

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**Session-1, Hall-4**

**19.09.2024**

**Moderator: Marija Radmilović-Radjenović**

**Meeting ID: 862 1528 3413 / Passcode: 202020**

**Ankara Local Time: 14:00 – 16:00**

Title	Author(s)	Affiliation
ENHANCED CURRENT -MODE KHN UNIVERSAL BI-QUAD FILTER DESIGN USING OPERATION TRANSADMITTANCE AMPLIFIER (OTA) WITH FINFET TECHNOLOGY	Arsen Ahmed MOHAMMED, Hüseyin DEMİREL	Kirkuk University, IRAQ Ankara Yıldırım Beyazıt University, Ankara, Turkey
ON THE EFFICIENCY OF RADIOFREQUENCY TUMOR ABLATION	Marija Radmilović-Radjenović, Srdjan Nikolić, Nikola Bošković, Branislav Radjenović	University of Belgrade, Serbia
ON THE GEOMETRY AND THERMODYNAMICS OF NANOSTRUCTURES	Darko Vasiljević, Bojana Bokić, Branislav Radjenović, Marija Radmilović-Radjenović, and Branko Kolarić	University of Belgrade, Serbia
BASED ON CARBOXYMETHYL CHITOSAN, AMMONIA NITRATE AND ETHYLENE CARBONATE SOLID POLYMER ELECTROLYTES CHARACTERIZATION AND PREPARATION	Santu KHATUA, Dr. Ratnesh TIWARI, Dr. Samit TIWARI	Dr. C.V. Raman University, Kota, Bilaspur, (C.G.), India Bhilai Institute of Technology, Durg, India
SYNTHESIS OF CARBAZOLE DERIVATIVES AS SARS-CoV-2 INHIBITORS	Saba MUNAWAR, Ameer Fawad ZAHOR	Government College University Faisalabad, Faisalabad-38000, Pakistan
EXPLORING THE BIOLOGICAL POTENTIAL OF NAPHTHOFURAN DERIVATIVES AS EFFICIENT BACTERIAL TYROSINASE INHIBITORS VIA IN VITRO AND IN SILICO STUDIES	Aqsa MUSHTAQ, Ameer Fawad ZAHOR, Shagufta KAMAL	Government College University Faisalabad, Faisalabad-38000, Pakistan
CHEMICAL ANALYSIS OF SPRING WATER QUALITY IN BAICA IN LIPJAN MUNICIPALITY - CORRELATION WITH EU STANDARDS	Prof.Dr. Skender Demaku Ma. Donika Sylemani Ma. Arbnorë Aliu Krenare Dibrani	University of Prishtina
EFFECT OF VARIOUS BINDERS ON PROPERTIES OF FUEL PELLETS	Michael IOELOVICH	Institute of Wood Chemistry, Riga LV-1006, Latvia

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**Session-2, Hall-1**

**19.09.2024**

**Moderator: Assist. Prof. Dr. Çağrı TÜZEMEN**  
**Meeting ID: 862 1528 3413 / Passcode: 202020**  
**Ankara Local Time: 16:30 – 18:30**

Title	Author(s)	Affiliation
MODELING AND IMAGING OF SALT DOME TRAPS BY FINITE DIFFERENCE METHOD: A SYNTHETIC STUDY	Şerife BOĞAZKESEN	Atatürk University, Erzurum, Türkiye
BRAINWAVES UNLEASHED: NAVIGATING THE FRONTIER OF EEG AND GRAPH ANALYSIS TOOLS	Pınar OZEL	Istanbul University - Cerrahpasa, Istanbul, Türkiye.
PROCESSING AND DEVELOPMENT OF HIGH STRENGTH/TEMPERATURE SHAPE MEMORY ALLOYS	Guher TOKER Haluk KARACA	Bayburt Üniversitesi, TBMYO University of Kentucky
THE EFFECT OF BRACKET GEOMETRY TO SEAT BELT BUCKLE CONNECTOR DURABILITY	Gökhan TİRYAKİ	Kocaeli University, Kocaeli, Türkiye
INVESTIGATION OF IMPACT TEST EFFECT OF POLYPROPYLENE COMPOSITE MATERIALS WITH RUBBER POWDER ADDITIVES	Mehmet ALTUĞ Yakup YILMAZ Yunus ASLAN	İnönü University, Malatya, Türkiye
ASSESSING THE GLOBAL TECHNO-ECONOMIC PERFORMANCE OF FIXED AND SOLAR-TRACKING PV SYSTEMS	Hüseyin ANIL Cenk GEZEGİN	Ondokuz Mayıs University, Samsun, Türkiye
INVESTIGATION OF INTERLAYER ADHESION STRENGTH IN 3D PRINTED SPECIMENS PRODUCED WITH DIFFERENT PATTERN ANGLES	Elif TOPAL Aleyna TAŞKIN Cengiz Görkem DENGİZ	Ondokuz Mayıs University, Samsun, Türkiye
GENERATING A LIGHTWEIGHT AND DURABLE DESIGN OF A MACHINE PART WITH STRUCTURAL OPTIMIZATION	Mehmet Çağrı TÜZEMEN	Nevşehir Hacı Bektaş Veli University, Türkiye
GENERATIVE AI-BASED SYSTEM FOR CREATING ROBOTIC PROCESS AUTOMATION FROM TEXT: MINDPILOT	Mustafa Onur KILINÇ Tuğba TUNA İsmail İŞERİ	Arena Sanayi ve Ticaret A.Ş, Central District Ondokuz Mayıs University, Türkiye
EVALUATION OF ENERGY SAVING OPPORTUNITIES BY INVESTIGATING THE EFFECTS OF AIR LEAKS IN ENTERPRISES	Mahmut GÜNEŞ Ercan MACİT Aydın KALEOĞLU	Pakten Sağlık Ürünleri A.Ş, Ar-Ge Merkezi Gaziantep / Türkiye

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**Session-2, Hall-2**

**19.09.2024**

**Moderator: Assist. Prof. Dr. Gökçen DOĞAN**  
**Meeting ID: 862 1528 3413 / Passcode: 202020**  
**Ankara Local Time: 16:30 – 18:30**

<b>Title</b>	<b>Author(s)</b>	<b>Affiliation</b>
HAZELNUT AND THE IMPORTANCE IN HUMAN NUTRITION	Mustafa KILIÇ Adem SAVAŞ	Atatürk University, Erzurum, Türkiye
FISH CONSUMPTION AND HEALTH RELATIONSHIP; A BRIEF PERSPECTIVE ON HEAVY METALS	Mustafa KILIÇ Adem SAVAŞ	Giresun University, Giresun, Türkiye
USE OF METAVERSE IN NURSING EDUCATION	Tuba KARABEY M. Cagatay BOYRAZ	Tokat Gaziosmanpaşa University, Tokat, Türkiye
BERRY SET MECHANISMS IN VITICULTURE	Ferit FIRAT Mehmet Settar ÜNAL	Şırnak University, Şırnak, Türkiye
AREAS OF USE OF HORMONES IN VITICULTURE	Ferit FIRAT Mehmet Settar ÜNAL	Şırnak University, Şırnak, Türkiye
SYNTHESIS OF SILVER NANOPARTICLES USING SORBUS AUCUPARIA L. EXTRACT	Gönül SERDAR	Karadeniz Technicel University, Trabzon, Türkiye
VARIOUS DIET MODELS IN AUTISM SPECTRUM DISORDER	Hatice Kübra İLKUTLU Gökçen DOĞAN	Lokman Hekim University, Ankara, Türkiye

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**Session-2, Hall-4**

**19.09.2024**

**Moderator: Major Gheorghe GIURGIU**

**Meeting ID: 862 1528 3413 / Passcode: 202020**

**Ankara Local Time: 16:30 – 18:30**

Title	Author(s)	Affiliation
THE INFLUENCE OF PLANTS ON THE MICROBIOME IN PATIENTS WITH AUTOIMMUNE DISEASES	Major Gheorghe GIURGIU, Prof dr Manole COJOCARU, Prof dr Georgeta SINIȚCHI	Deniplant-Aide Sante Medical Center, Biomedicine, Bucharest, Romania Titu Maiorescu University, Faculty of Medicine, Bucharest, Romania Atopy Allergological Medical Center, Iasi
NAVIGATING THE NEXUS: UNRAVELING THE CHALLENGES OF INTEGRATION IN MIXED METHOD RESEARCH	Zunaira AZIZ, Dr.Unaiza Parvaiz HASHMI, Dr. Rubina BAROLIA, Dr. Pammla PETRUCKA	The Agha Khan University, Karachi. Jinnah medical and dental college, Karachi University of Saskatchewan, Canada
DELVING INTO THE REALM OF DIGITAL DENTISTRY AWARENESS AMONGST DENTAL PROFESSIONALS IN KARACHI; IN-DEPTH INQUIRY	Dr. Aman ASHAR, Dr. Mehwash KASHIF	
ARSENIC TREATMENTS MODIFIES IONOME PROFILES OF WHEAT PLANTS	Margherita-Gabriella De BIASI	University of Naples Federico II, Department of Pharmacy, Naples, Italy.
REAL-TIME DETECTION OF STRESS RESPONSES THROUGH FACIAL BLOOD CIRCULATION ANALYSIS USING THERMAL IMAGING	Gaytri GUPTA	Independent Researcher

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**Session-1, Hall-1**

**20.09.2024**

**Moderator: Lect. Elif Gökçe İNBAŞI**

**Meeting ID: 862 1528 3413 / Passcode: 202020**

**Ankara Local Time: 10:00 – 12:00**

Title	Author(s)	Affiliation
UNMET NEEDS OF CAREGIVERS FOR RARE DISEASES: A SYSTEMATIC ANALYSIS OF BIOTINIDASE DEFICIENCY, PHENYLKETONURIA, AND MUCOPOLYSACCHARIDOSES	Özge Özgen Alihan Yeşil Dilek Güneş Mehmet Cihan Balcı Meryem Karaca Güliden Fatma Gökçay Fatmahan Atalar	İstanbul University, İstanbul, Türkiye.
ENHANCING THE EFFICACY OF BREAST CANCER TREATMENT: IN VITRO EFFECTS OF ALPHA-MANGOSTIN AND NAB-PACLITAXEL	Özge ÖZGEN İdil ÇETİN Fatmahan ATALAR Mehmet Rıfki TOPÇUL	İstanbul University, İstanbul, Türkiye
NEW APPROACH TO CITRUS FRUITS DRYING TECHNIQUES AND ITS ANTIOXIDANT EFFECT	Ahmet İsmail ÖZKAN Serap ULU DELİCE Deniz CANBOLAT GÜLTEKİN Ergün GÜLTEKİN Mesut NAMLI	Artvin Çoruh University, Artvin, Türkiye
ANTIOXIDANT ACTIVITIES OF TEA AND LAUREL LEAVES PULP	Uğur IŞIK Deniz CANBOLAT GÜLTEKİN Mesut NAMLI Kamil ÖZTÜRK Ahmet İsmail ÖZKAN	Artvin Çoruh University, Artvin, Türkiye
INVESTIGATION OF THE EFFECT OF THE CHANGE IN TUS QUOTAS ON BRANCH-BASED OCCUPANCY IN THE FIELD OF MICROBIOLOGY EXPERTISE	Mehmet KOCA	Devlet Malzeme Ofisi Genel Müdürlüğü, Ankara, Türkiye
WITH SOCIOLOGICAL AND ECONOMIC BALANCES; DRUG ADDICTION (2000-2002)	Zeynep Müjde SAKAR	Harran University, Türkiye
ECONOMIC DEFENSE METHOD; DETECTOR DOGS IN THE FIGHT AGAINST DRUGS	Zeynep Müjde SAKAR	Harran University, Türkiye
MULTIPLE SCLEROSIS DISORDERS AND OMEGA-3 FATTY ACIDS	Elif Gökçe İNBAŞI	Niğde Ömer Halisdemir University, Niğde, Türkiye

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**Session-1, Hall-2**

**20.09.2024**

**Moderator: Dr. Jogendra KUMAR**

**Meeting ID: 862 1528 3413 / Passcode: 202020**

**Ankara Local Time: 10:00 – 12:00**

Title	Author(s)	Affiliation
LITHOLOGICAL CLASSIFICATION USING LANDSAT 8-OLI, AND SENTINEL-2A DATA IN TIGHZA AREA, SOUTH HIGH ATLAS OF MARRAKECH, MOROCCO	Maryam ERRAMI Ahmed ALGOUTI Saloua AGLI	Cadi Ayyad University, Morocco
INVESTIGATING MACHINE LEARNING CLASSIFIERS AND TECHNIQUES FOR ENHANCING WEATHER PREDICTION ACCURACY	Dr.Jogendra KUMAR	G.B.Pant Institute of Engineering and Technology, Ghurdauri, India
DEVELOPING AND EVALUATING MACHINE LEARNING MODELS FOR WEATHER PRECIPITATION PREDICTION	Dr.Jogendra KUMAR	G.B.Pant Institute of Engineering and Technology, Ghurdauri, India
IDENTIFICATION OF PIVOTAL ACTORS IN THE INTERBANKING NETWORKS THROUGH VORONOI TESSELLATION ON NETWORKS	Saverio STORANI	Sapienza University of Rome, Italy
CODE BOOK LEARNING BASED NEAR FIELD BEAMFORMING IN MASSIVE MIMO COMMUNICATION SYSTEMS	S.A.ARUNMOZHI	Saranathan College of Engineering, India
AI-ENHANCED SMART GRID SYSTEMS FOR ENERGY EFFICIENCY	A. O. AMADI, O. C. NNANNA, B. J. ROBERT	Akanu Ibiam Federal Polytechnic Unwana-Ebonyi state
PERSONALIZED COSMETICS RECOMMENDATIONS USING ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	Chandani SHARMA	Maharishi Markandeshwar (Deemed to be University), Mullana-Ambala, Haryana
SOLAR POWERED ELECTRIC VEHICLE WITH MAXIMUM POWER POINT TRACKING USING ARTIFICIAL NEURAL NETWORKS	P. Krishna PRIYA, M. Chakresh VARMAN, Keshav SINHA, K. SUJATHA	MGR Educational and Research Institute, Chennai.

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**Session-1, Hall-3**

**20.09.2024**

**Moderator: Laura Diaconu Maxim**

**Meeting ID: 862 1528 3413 / Passcode: 202020**

**Ankara Local Time: 10:00 – 12:00**

Title	Author(s)	Affiliation
GENERATIVE CRYPTO POETICS: A NATURAL LANGUAGE SPECTRAL ANALYSIS APPROACH	Miguel Angel PONCE-CAMACHO Josue Aaron LOPEZ-LEYVA Monica ACOSTA-ALVARADO	Cetys Universidad, School Of Engineering, Mexicali, Mexico
TRAINING AND DEVELOPMENT IN IT SECTOR: AN ESSENTIAL INSTRUMENT FOR EFFECTIVENESS OF ORGANIZATIONAL PRODUCTIVITY AND SUSTAINABILITY	Md. SIRAJUDDIN, L.RAMANJANEYA	CMR College of Engineering & Technology, Hyderabad, Telangana, India
PROMOTIONAL PRICING AND PREMIUM STRATEGIES TO SUSTAIN CONSUMERS IN FAST MOVING SECTOR WITH REFERENCE TO HYDERABAD CITY	L. RAMANJANEYA, Chintala Satish YADAV	CMR College of Engineering & Technology, Hyderabad, Telangana, India.
THE MEANS OF STRIKING THE DECISION IN CIVIL PROCEDURES ACCORDING TO THE LAWS IN KOSOVO	Dr.Sc. Kastriote VLAHNA	University of Pristina “Hasan Prishtina”, Faculty of Law, Civile Law Department, Pristina, Kosovo
THE ALLOCATION OF THE BUDGET OF KOSOVO FOR THE YEAR 2024	Mr.Sc. Dafina VLAHNA	University of Pristina “Hasan Prishtina”, Faculty of Law, Civile Law Department, Pristina, Kosovo
THE SUSTAINABILITY OF AIR TRAFFIC: CONSTRAINS AND OPPORTUNITIES	Laura Diaconu MAXIM	“Alexandru Ioan Cuza” University of Iasi, Romania
A STUDY ON VISUAL MERCHANDISING IN TRIGGERING IMPULSIVE BUYING BEHAVIOUR AMONG GENERATION Z AND MILLENNIALS CUSTOMERS IN D MART	Raju Rathipelli G Sujatha	CMR College of Engineering & Technology
THE LIVED EXPERIENCES OF SELECTED CAFE MANAGERS DURING DISRUPTION	Klenton R. Torrevillas, Roel Renz S. Del Callar	Proponents

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**Session-1, Hall-4**

**20.09.2024**

**Moderator: Luminita DIACONU**

**Meeting ID: 862 1528 3413 / Passcode: 202020**

**Ankara Local Time: 10:00 – 12:00**

<b>Title</b>	<b>Author(s)</b>	<b>Affiliation</b>
WILDLIFE DISTRIBUTION STATUS IN LAMPUNG PROVINCE IN 2023	Achmad HARIS, Farhad Maryan SAPUTRA, Yuda FERDIWAN, Christine WULANDARI	University of Lampung
THE PROCEDURE OF ENVIRONMENTAL CONTROL REGARDING WATER POLLUTION AS AN ABIOTIC FACTOR	Luminita DIACONU	The Academy of Economic Studies of Moldova
DELINEATION OF TWO POPULATIONS OF BOBO CROAKER, PSEUDOTOLITHUS ELONGATUS (BOWDICH, 1825) IN NIGERIA USING GEOMETRIC MORPHOMETRICS ANALYSIS	Jolly Babangida KACHI, Darlina Md. NAIM	Universiti Sains Malaysia, 11800 Pulau Pinang, Malaysia Federal University Lokoja, PMB 1154, Lokoja Nigeria
CFD ANALYSIS TO EVALUATE THE EFFECTS OF ASPHALT PAVEMENT BURNING ON THE SAFETY OF RESCUE TEAMS IN THE EVENT OF A ROAD TUNNEL FIRE	Isidoro RUSSO	University of Salerno, Via Giovanni Paolo II, 132-84084 Fisciano, SA, Italy
MAPPING MAIN PARAMETERS THAT CAUSE DEGRADATION OF HERITAGE TRAIN MONUMENTS	Laura SHUMKA Çigdem ÇIFTCI Fatma KUNT	Barleti University, Faculty of Applied Sciences and Creative Industries, Tirana, Albania Necmettin Erbakan University
INVESTIGATION AND EVALUATION OF THE NEROIDIME RIVER'S WATER AND SEDIMENT QUALITY IN FERIZAJ	Prof.Dr. Skender Demaku Ma. Arbnorë Aliu Ma. Donika Sylejmani Kreshnik Nuredini	University of Prishtina
POTENTIAL UTILIZATION OF FISH BY-PRODUCT FROM FISH PROCESSING IN VIETNAM	Phúc Hồng LƯU, Phan Thanh HIỀN, Trương Thị XUÂN	Nha Trang University, Vietnam

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**Every presentation should last not longer than 10-12 minutes.**

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**Session-2, Hall-1**

**20.09.2024**

**Moderator: V. Ananthaswamy**

**Meeting ID: 862 1528 3413 / Passcode: 202020**

**Ankara Local Time: 12:30 – 14:30**

Title	Author(s)	Affiliation
ON ROLE OF LFSR IN MODERN CRYPTOGRAPHY	Afaq AHMAD	Modern College of Business & Science
DETERMINATION OF NON-LINEAR SYSTEM PRINCIPAL COMPONENTS USING THE ENERGY CONSERVATION PRINCIPLE	Benabdellah YAGOUBI	Mostaganem University, Algeria.
A MATHEMATICAL STUDY ON SIR EPIDEMIC MODEL DURING COVID-19	S. Meenakshi, V.Ananthaswamy, J. Anantha Jothi, V.K. Santhi	Madurai Kamaraj University, Madurai, Tamil Nadu, India
A SEMI-ANALYTICAL STUDY ON A SYSTEM OF SIMULTANEOUS DIFFERENTIAL EQUATIONS IN MAGNETOHYDRODYNAMIC FLUID FLOW ON THE MARANGONI BOUNDARY LAYER	M.Kalaivani, V.Ananthaswamy	Madurai Kamaraj University, Madurai, Tamil Nadu, India
A MATHEMATICAL STUDY ON THE TYPHOID DISEASE MODEL	M. Shruthi, V. Ananthaswamy	Madurai Kamaraj University, Madurai, Tamil Nadu, India
A MATHEMATICAL ANALYSIS OF NON-LINEAR REACTION-DIFFUSION EQUATIONS IN ELECTRO CHEMICAL SCIENCES	J. Anantha Jothi, V. Ananthaswamy	Madurai Kamaraj University, Madurai, Tamil Nadu, India
A NEW APPROXIMATE ANALYTICAL METHOD (ASM) FOR SOLVING SOME NON-LINEAR BOUNDARY VALUE PROBLEMS	V. Ananthaswamy, S. Sivasankari	Madurai Kamaraj University, Madurai, Tamil Nadu, India
A NOTE ON A GENERALIZATION OF A DEFINITE INTEGRAL INVOLVING THE BESSEL FUNCTION OF THE FIRST KIND	Showkat Ahmad DAR	Aligarh Muslim University, India

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**Session-2, Hall-2**

**20.09.2024**

**Moderator: Dr. Ishwar Mittal**

**Meeting ID: 862 1528 3413 / Passcode: 202020**

**Ankara Local Time: 12:30 – 14:30**

Title	Author(s)	Affiliation
HOW PRODUCT AND SERVICE QUALITY SHAPE BANK REPUTATION	Dr. Ishwar Mittal Dr. Aarti Dr. Rosy Dhall Mikul	Maharshi Dayanand University, Rohtak Gandhinagar University, Gujarat
VIRIDESCENT INNOVATION: MALABAR SPINACH (BASELLA ALBA) PASTA- "A HEALTHY TWIST ON TRADITIONAL LINGUINE PASTA	Joven R. Raymond, Franchesca Nicole E. Kakilala, Shakira Claire Apolista, Malou L. Nuevo, Dr. Joan L. Fortuna	Cavite State University- Carmona City Campus
PHYTOCONSTITUENTS AND PHARMACOLOGICAL ASPECTS OF CALLISTEMON CITRINUS (CURTIS) SKEELS: A VALUABLE MEDICINAL TREE	Supriya Kumari Sharma, Afroz Alam	Banasthali Vidyapith (Rajasthan), India
IDENTIFICATION AND DEVELOPMENT OF NEW POTENT MICROBIAL STRAINS AND TRAINS FOR BIOFERTILIZERS AND BIOCONTROL AGENTS IN AGRICULTURE	Phúc Hồng Lưu, Phan Thanh Hiền, Trương Thị Xuân	Nha Trang University, Vietnam
ENRICHMENT OF PANDESAL WITH NUTRIENT- RICH CASSAVA (Manihot esculenta) LEAVES: A NOVEL APPROACH TO ENHANCE BREAD QUALITY AND NUTRITION VALUE	Argete Jan Marie Jean, Labbao Jennylyn, Fajilagmago Aira, Bequillo Rechelle Ann, Torrevillas Klenton	Cavite State University
DEHYDRATION OF KALABASA (Cucurbita moschata) PUREE IN THE DEVELOPMENT OF KALABASA FLOUR IN MAKING BISCUIT CRACKERS	Pasahol, Angelica L. Semaña, Jenny B. Tabaosaris, Bianca C.	Cavite State University
WILDLIFE DISTRIBUTION STATUS IN LAMPUNG PROVINCE IN 2023	Achmad Haris, Farhad Maryan Saputra, Yuda Ferdianwan, Christine Wulandari	University of Lampung

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**Session-2, Hall-3**

**20.09.2024**

**Moderator: Prachi BALIYAN**

**Meeting ID: 862 1528 3413 / Passcode: 202020**

**Ankara Local Time: 12:30 – 14:30**

Title	Author(s)	Affiliation
BIOLOGICAL REMEDIATION: HOW PLANTS COMBAT HEAVY METAL POLLUTION	Kiran CHOUDHARY	Department of Bioscience and Biotechnology, Banasthali Vidyapith, Tonk (Rajasthan), 304022, India
PHYTOCHEMICAL STUDY OF A BRYOPHYTE, HYOPHILA INVOLUTA FROM RAJASTHAN, INDIA	Tripti SHARMA, Afroz ALAM	Banasthali Vidyapith District Tonk, Rajasthan
GENETIC ANALYSIS ON HORSESHOE CRAB FOR PHYLOGENETIC TREE STUDY FROM JAMBI, BANGKA BELITUNG, CENTRAL JAVA, AND EAST JAVA PROVINCE, INDONESIA	Nenik Kholilah Gabriella Tarida Kurniatami Nining Nursalim Galank Fadqul Janarkho Eka Maya Kurniasih Ambariyanto Ambariyanto Diah Permata Wijayanti Sapto Purnomo Putro Ni Kadek Dita Cahyani	University of Mataram. Jl. Pendidikan No. 37, Indonesia Universitas Diponegoro, Jl. Prof. Soedarto, Indonesia. University of The RyukyusNishihara, Okinawa, Japan
A STUDY ON PURCHASE DECISION PROCESS TOWARDS ITC FOOD LIMITED WITH REFERENCE TO HYDERABAD	Chintala Satish Yadav Md. Sirajuddin	CMR College of Engineering & Technology, Hyderabad, Telangana, India.
STRATEGY FOR DEVELOPMENT AND MANAGEMENT OF ECOPRINT AS SECONDARY INCOME OF THE COMMUNITY IN THE SUKARAJA RESORT OF BUKIT BARISAN SELATAN NATIONAL PARK	Sausan Tadzkia Shalihah, Niken Aurora Iwais, Aldina Refa Vernanda, Christine Wulandari	University of Lampung
LEVERAGING CLIMATE-SMART AGRICULTURAL PRACTICES TO ENHANCE FOOD SECURITY AMIDST CLIMATE CHANGE CHALLENGES	Prachi BALIYAN	Banasthali university

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