

INTERNATIONAL ENGINEERING SCIENCES STUDENT CONGRESS

NOVEMBER 14-16, 2025 / SİVAS, TÜRKİYE

SIVAS CUMHURİYET UNIVERSITY FACULTY OF ENGINEERING



CONGRESS PROGRAM

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OPENNING CEREMONY

Date: 14.11.2025

ANKARA Time:

Sivas Cumhuriyet University, 100. Yıl Conference Center



15.11.2025, Saturday, Online Session-1, Hall-1
Ankara Local Time: 10:00-12:00
Zoom ID: 848 5448 4368 / Passcode: 151515

HEAD OF SESSION: Assoc. Prof. Dr. Serap ÇETİNKAYA

AUTHOR(S)	ORGANISATION	TOPIC TITLE
Rana ŞENOZ Can BAYRAKTAR Meral YILMAZ CANKILIÇ Nalan YILMAZ SARIOZLU	<i>Eskişehir Technical University, Türkiye</i>	BACTERIAL DIVERSITY IN SEYDISUYU STREAM, TÜRKİYE
Erçan OLMEZ İrem ÇON Dr. Halil İbrahim ÇETİNTAŞ	<i>Sivas Cumhuriyet University, Türkiye</i>	PLANT-BASED CARBON QUANTUM DOTS AND BIOIMAGING APPLICATIONS
Turan DERE Sevtap ÖZMEN Dr. Halil İbrahim ÇETİNTAŞ	<i>Sivas Cumhuriyet University, Türkiye</i>	CURRENT ADSORPTION STUDIES IN AZO DYES REMOVAL FROM WASTEWATER
Ahmet Kürşat Şahin Assoc. Prof. Dr. Serap Çetinkaya	<i>Sivas Cumhuriyet University, Türkiye</i>	CHARACTERIZATION OF OXALATE DECARBOXYLASE ENZYME FROM BACILLUS SUBTILIS BY LC/MS
Nurevşan KAYA Assoc. Prof. Dr. Serap ÇETİNKAYA	<i>Sivas Cumhuriyet University, Türkiye</i>	LC/MS-BASED CHARACTERIZATION OF DIHYDROLIPOYL DEHYDROGENASE FROM BACILLUS SUBTILIS
Dr. Mehmet Fatih KARAKAŞ Lect. Betül KARAKAŞ	<i>Erzincan Binali Yıldırım University, Türkiye</i>	TRAINING ARTIFICIAL NEURAL NETWORKS WITH METAHEURISTIC ALGORITHMS FOR AUTISM SPECTRUM DISORDER DIAGNOSIS IN CHILDREN, ADOLESCENTS, AND ADULTS
Dr. Mehmet Fatih KARAKAŞ	<i>Erzincan Binali Yıldırım University, Türkiye</i>	DECODING BRAIN SIGNALS FOR INNER SPEECH: EEG SIGNAL SUB-BAND DECOMPOSITION AND MACHINE LEARNING APPROACH



15.11.2025, Saturday, Online Session-1, Hall-2
Ankara Local Time: 10:00-12:00
Zoom ID: 848 5448 4368 / Passcode: 151515

HEAD OF SESSION: Merve KUÇUK

AUTHOR(S)	ORGANISATION	TOPIC TITLE
AYNUR OZ Dr. Kübra ÖZKAN GÜNER Assoc. Prof. Dr. Ali Can ÖZARSLAN Res. Asst. Cem ÖZEL Lect. Erdi BULUŞ Salih ASKER Prof. Dr. Yeşim Müge ŞAHİN Prof. Dr. Sevil YÜCEL	<i>Yıldız Technical University İstanbul University İstanbul Arel University, Türkiye</i>	INVESTIGATION OF THERMAL PROPERTIES OF BORON-MAGNESIUM- VANADIUM CONTAINING BIOACTIVE GLASSES
Prof. Dr. Özgür DEMİRCAN Ahmad Abdelhakim ATALLAH SALEH	<i>Ondokuz Mayıs University, Türkiye</i>	DEVELOPMENT OF HALLOYSITE REINFORCED EPOXY BASED ADHESIVES TO BOND CFRP
Prof. Dr. Özgür DEMİRCAN Ahmad Abdelhakim ATALLAH SALEH	<i>Ondokuz Mayıs University, Türkiye</i>	IMPROVEMENT OF THE MECHANICAL PROPERTIES OF THE ADHESIVE USING HEMP IN THE BONDING OF CFRP-CFRP COMPOSITES WITH EPOXY
Karahan OCAK H. Hazar CAMCI Res. Asst. Fatih AKSU Res. Asst. F. Betül Yılmaz GÜLER Dr. Gülşah Aktaş ÇELİK Prof. Dr. Ş. Hakan ATAPEK	<i>Kocaeli University, Türkiye</i>	TRIBOLOGICAL CHARACTERIZATION OF PLASMA NITRIDED AND TiCrN + AlCrN COATED X45CrMoV5-3-1 HOT WORK TOOL STEEL"
Dilara AYMERGEN Ata Yiğit SÜRMELİ Res. Asst. F. Betül YILMAZ GÜLER Res. Asst. Fatih AKSU Reza BAHRAMI Prof. Dr. Ş. Hakan ATAPEK	<i>Kocaeli University, Türkiye</i>	STRUCTURAL CHARACTERIZATION OF INCONEL 939 SUPERALLOY PRODUCED BY SELECTIVE LASER MELTING METHOD
Serkan KALKAN Tuba ÖZEREN Rıza KÖSELER Çağrı UYANIK Gamzenur GÖZÜAK Prof. Dr. Ş. Hakan ATAPEK	<i>Çelik Halat and Wire Industry Inc., Kocaeli University, Türkiye</i>	EFFECT OF CARBON CONTENT AND THE HEATING-COOLING- DEFORMATION CYCLE ON FRACTURE IN HIGH-STRENGTH STEEL WIRE PRODUCTION
Sude MUMCUOĞLU Res. Asst. Fatih AKSU Res. Asst. Betül YILMAZ GÜLER Yunus Emre ERBAY Dr. Gülşah AKTAŞ ÇELİK Prof. Dr. Ş. Hakan ATAPEK	<i>Kocaeli University, Türkiye</i>	STRUCTURAL CHARACTERIZATION OF Fe-Al ALLOY PRODUCED BY POWDER METALLURGY



15.11.2025, Saturday, Online Session-1, Hall-3
Ankara Local Time: 10:00-12:00
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HEAD OF SESSION: Prof. Dr. Şükran KONÇA

AUTHOR(S)	ORGANISATION	TOPIC TITLE
Zeynep KILIÇ Dr. Ertürk ERDAĞI	<i>İstanbul Medeniyet University, Türkiye</i>	ANALYSIS OF CHANGES IN EARTHQUAKES AND WEATHER CONDITIONS IN TURKEY USING MACHINE LEARNING AND DEEP LEARNING METHODS
Yaren ÇİĞDEM Dr. Ertürk ERDAĞI	<i>İstanbul Medeniyet University, Türkiye</i>	COMPARATIVE ANALYSIS OF MACHINE LEARNING AND DEEP LEARNING MODELS FOR TIME SERIES-BASED ANOMALY DETECTION IN SMART MANUFACTURING SYSTEMS
Büşra DOĞAN Beyza Nur BİRİNCİ Sena Gökçe ALTINTAŞ Dr. Nuh AZGINOĞLU	<i>Kayseri University, Türkiye</i>	TIDBI&TECH: A MOBILE LEARNING APPLICATION INTRODUCING SCIENCE AND TECHNOLOGY FROM THE TURKISH AND ISLAMIC WORLD
Prof. Dr. Şükran KONÇA Derya ZÂRİÇ KÖKÇÜ	<i>İzmir Bakırçay University, Türkiye</i>	AN APPLICATION FOR SOLVING THE TRAVELING SALESMAN PROBLEM USING THE RED PANDA ALGORITHM IMPROVED WITH CHAOTIC MAPPING
Ayşe ODUNCU Dr. Savaş ÖZTÜRK	<i>Muğla Sıtkı Koçman University, Türkiye Marmara University, Türkiye</i>	THE ROLE OF LARGE LANGUAGE MODELS (LLMs) IN PROCEDURAL CONTENT GENERATION (PCG) FOR GAMES
Furkan AVCIOĞLU Prof. Dr. Ersen YILMAZ	<i>Bursa Uludağ University, Türkiye</i>	SENTIMENT ANALYSIS IN TEXTS WITH LARGE LANGUAGE MODELS
Mansur IBISHOV Dr. Arzu IBISHOVA	<i>Johannes Kepler University, Austria Azerbaijan Medical University, Azerbaijan</i>	TO WHAT EXTENT CAN ARTIFICIAL INTELLIGENCE REPLACE A PATHOLOGIST?



15.11.2025, Saturday, Online Session-1, Hall-4
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HEAD OF SESSION: Dr. Kazi Md Salim Newaz

AUTHOR(S)	ORGANISATION	TOPIC TITLE
OGUNSOLA T. M. ABRAHAM A. NWADINIGWE U. ADEBAYO O. I WILLIAMS C. OFRABOR K.	<i>Maritime Academy of Nigeria</i>	MODIFICATION OF A SURFACE DRONE FOR OIL SPILLAGE DETECTION AND MAPPING
OGUNSOLA T. M. HENSHAW E. ASUQUO I. SHITTU A. BASSEY I.	<i>Maritime Academy of Nigeria</i>	DESIGN AND CONSTRUCTION OF PLASTIC CRUSHING MACHINE FOR RECYCLING PURPOSE
Md. Mehedi Hasan Riaz Mohd Rasidi Bin Ibrahim	<i>University Tun Hussein Onn Malaysia, Malaysia</i>	AERODRILL-X: INTELLIGENT PREDICTION FRAMEWORK FOR OPTIMIZING DRILLING PERFORMANCE IN AIRCRAFT COMPONENT MANUFACTURING
Harwinder Singh Dr. Harminder Singh Dr. Ravinder Singh Sawhney Dr. Kuldeep Singh	<i>Guru Nanak Dev University, India</i>	SUSTAINABLE AND AUTONOMOUS TRIBOELECTRIC NANOGENERATOR SENSOR
Dr. Kazi Md Salim Newaz	<i>Universiti Malaya, Malaysia</i>	ENHANCING HEAT TRANSFER AND REDUCING FOULING IN HEAT EXCHANGERS USING POLYMERS AND NANOMATERIALS
Dr. Jai Gopal Gupta	<i>National Institute of Technology Sikkim, India</i>	PERFORMANCE ANALYSIS OF DIESEL ENGINE USING METHANOL DIESEL BLEND
Shantanu HALDER Sathia Vasagan AL ANBALAGAN Md Mehedi Hasan RIAZ Trishananda AL SUBRAMANIAM	<i>University Tun Hussein Onn Malaysia (UTHM), Malaysia</i>	THERMODYNAMIC OPTIMIZATION OF A STEAM POWER PLANT USING A REHEAT- REGENERATIVE RANKINE CYCLE



15.11.2025, Saturday, Online Session-1, Hall-5
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HEAD OF SESSION: Assoc. Prof. Tinatin MSHVIDOBADZE

AUTHOR(S)	ORGANISATION	TOPIC TITLE
Nana Cherkezishvili Assoc. Prof. Tinatin Mshvidobadze	Gori State University, Georgia	LAWS OF INFORMATION TECHNOLOGY IN THE COMPUTER AGE
Oyewole O. T. Oluwaranti A. I.	Obafemi Awolowo University Osun State University, Nigeria	AN IOT MODEL FOR SEMANTIC INTEROPERABILITY IN A SMART HOME
Samar Jamal Hassan Mahmoud Noor Maizura Binti Mohamad Noor Zuriana Abu Bakar	Universiti Malaysia Terengganu, Malaysia	ENHANCING E-TRANSPORTATION MOBILE APPLICATION FOR VISUALLY IMPAIRED USERS
Faruku Muhammad Aliero Zaharaddeen Adamu Khamisu Umar M. Adam Shafiu Abubakar Abdulrahman Ibrahim	Abdullahi Fodio University, Nigeria	PHISHING WEBSITE DETECTOR
Akintola Mayode Mercy	University of Ibadan, Nigeria	A ROBUST AND FAIR EFFICIENTNET-B5 FRAMEWORK FOR SKIN CANCER CLASSIFICATION UNDER DATASET IMBALANCE AND ETHNIC DIVERSITY
Anano Kurtauli Assoc. Prof. Tinatin Mshvidobadze	Gori State University, Georgia	PROFESSIONAL SOFTWARE MAINTENANCE SYSTEMS
Irshad Ullah Aamna Saleem Khan	AbdulWali Khan University Mardan, Pakistan	DATA ANALYSIS WITH SI ALGORITHM IN ENGINEERING
Aamna Saleem Khan	AbdulWali Khan University Mardan, Pakistan	HOW DATA CAN BE ANALYZED WITH SI ALGORITHM
Venkitesh Sasikumar Dr. Hema P. Menon	Sreepathy Institute of Management and Technology, India	BRAIN MRI SCANS AND DYSLEXIA: UNCOVERING PATTERNS IN CORPUS CALLOSUM AND GYRIFICATION FOR ACCURATE CLASSIFICATION



15.11.2025, Saturday, Online Session-1, Hall-6
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HEAD OF SESSION: Ameer Fawad ZAHOOR

AUTHOR(S)	ORGANISATION	TOPIC TITLE
Bakhtaoui Yassmina Ben Ali Majda El Azzouzi Nabila Srhir Bousalham	University Ibn Tofail, Morocco University Mohammed V, Morocco	DEVELOPMENT AND CHARACTERIZATION OF A POLYANILINE-BASED BIOCOMPOSITE WITH AGRICULTURAL BIOMASS: APPLICATION FOR THE ADSORPTION OF ORANGE G DYE
Majda Ben Ali Yassmina Bakhtaoui Souad El Hajjaji	University Ibn Tofail, Morocco University Mohammed V, Morocco	MULTI-RESPONSE OPTIMIZATION OF THE ADSORPTION PROPERTIES OF ACTIVATED CARBON PRODUCED FROM H ₂ SO ₄ ACTIVATED SLUDGE: EFFECTS OF WASHING WITH HCL
Mouheb Sboui Youssef O. Al-Ghamdi	Majmaah University, Saudi Arabia, University of Sfax, Tunisia	FLEXIBLE AG-AGCL/TiO ₂ /CELLULOSE BIOHYBRID FILM FOR SOLAR-DRIVEN ENVIRONMENTAL DECONTAMINATION
Iman Ouchrif Soumaya Talbi Abdelghani Boussetta Achraf Hibot Hajiba Ouchetto Khadija Ouchetto Mostafa Khouili Salha Hamri	Sultan Moulay Slimane University, Morocco	INNOVATIVE BIO-COMPOSITE MATERIALS FROM NATURAL RESOURCES: TOWARD SUSTAINABLE APPLICATIONS
Tahmina Khondkar Mitu Sharif Md. Al-Reza Shahin Aziz	Bangladesh Islamic University, Bangladesh Council of Scientific and Industrial Research, Bangladesh	BIOSYNTHESIS, CHARACTERIZATION AND BIOACTIVITY OF SILVER NANOPARTICLES USING DIFFERENT PARTS OF ABROMA AUGUSTA
Mustapha Oukbab Abdelilah Chtaini	Sultan Moulay Slimane University, Morocco	DEVELOPMENT OF A MICROBIAL ELECTROLYTIC CAPACITOR FOR ENERGY STORAGE
Sara Aichouni Ahmed Boucherdoud Abdelkarim Seghier Meriem Bendjelloul El Hadj Elandalousi	University of Relizane, Algeria	DFT STUDY OF THE PHYSICAL, MECHANICAL, AND THERMAL PROPERTIES OF A QUATERNARY HEUSLER ALLOY WITH AN ASSESSMENT OF ITS THERMOELECTRIC PERFORMANCE
Rukhsana KAUSAR Asim MANSHA Ameer Fawad ZAHOOR Muhammad HAROON	Government College University Faisalabad, Pakistan	SYNTHESIS AND COMPUTATIONAL INVESTIGATION OF COUMARIN DERIVATIVES AS CORONAVIRUS INHIBITORS
Dr. Tufael	Parul University, India	COMPUTATIONAL ASSESSMENT OF PLANT- DERIVED STING INHIBITORS: PROMISING NATURAL ALTERNATIVES TO CONVENTIONAL NSAID THERAPY
Latiful Kabir Won-Chun Oh	Hanseu University, Korea	DESIGN OF A FUNCTIONALIZED NON- ENZYMATIC ELECTROCHEMICAL SENSOR WITH A TERNARY MXENE NANOCOMPOSITE TO IDENTIFY CREATININE IN VARIOUS BIOLOGICAL SAMPLES



15.11.2025, Saturday, Online Session-2, Hall-1
Ankara Local Time: 12:30-14:30
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HEAD OF SESSION: Prof. Dr. Ulker Ashi GULER

AUTHOR(S)	ORGANISATION	TOPIC TITLE
Prof. Dr. Ülker Ashi GÜLER	<i>Sivas Cumhuriyet University, Türkiye</i>	DETERMINATION OF GREENHOUSE GAS EMISSIONS FROM ROAD TRANSPORTATION IN SIVAS PROVINCE
Ayben POLAT BULUT Mustafa ÖZTÜRK	<i>Sivas Cumhuriyet University, Türkiye</i>	BIOFILM CARRIERS FOR BIOFILM REACTORS USED IN WASTEWATER TREATMENT
Mustafa OZTURK Ayben POLAT BULUT	<i>Sivas Cumhuriyet University, Türkiye</i>	ASSESSMENT OF THE ENVIRONMENTAL IMPACTS OF BIOPLASTS
Lect. BAŞAK YILDIRIM Prof. Dr. Sayiter YILDIZ	<i>Adnan Menderes University Sivas Cumhuriyet University, Türkiye</i>	NEW APPROACHES IN ADVANCED OXIDATION PROCESSES (AOPS): PLASMA OXIDATION AND HYBRID SYSTEMS
Lect. BAŞAK YILDIRIM Prof. Dr. Sayiter YILDIZ	<i>Adnan Menderes University Sivas Cumhuriyet University, Türkiye</i>	THE FUTURE PERSPECTIVE OF MICROPLASTICS AND NANOPLASTICS AND TREATMENT STRATEGIES
Deniz AYIÇI Dr. Feyza KIROĞLU ZORLUGENÇ	<i>Nevşehir Hacı Bektaş Veli University, Türkiye</i>	PRODUCTION AND CHARACTERIZATION OF ACTIVATED CARBON FROM PINE CONES
Irem TEKİN Hilal ERKAN Assoc. Prof. Dr. Ali Can ÖZARSLAN Res. Asst. Cem ÖZEL Res. Asst. Mine KUÇAK Emine YAPICI Aygun Israyilova Prof. Dr. Sevil YÜCEL	<i>Baku State University Istanbul University Yıldız Technical University, Türkiye</i>	PRODUCTION AND CHARACTERIZATION OF ENVIRONMENTALLY FRIENDLY POLY (VINYL ALCOHOL)-SODIUM ALGINATE-GELATIN (PVA-SA-GEL) BIOCOMPOSITE FILMS WITH DIFFERENT NANO SILICA AEROGEL ADDITIVES



15.11.2025, Saturday, Online Session-2, Hall-2
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HEAD OF SESSION: Prof. Dr. Nevcihan GURSOY

AUTHOR(S)	ORGANISATION	TOPIC TITLE
Gulshan MAMMADZADA Prof. Dr. Nevcihan GURSOY	Sivas Cumhuriyet University, Türkiye	INVESTIGATION OF THE PROPERTIES OF PALM OIL VARIETIES OBTAINED BY DIFFERENT METHODS
Sumeyya ERDOĞMUŞ Prof. Dr. Nevcihan GURSOY	Sivas Cumhuriyet University, Türkiye	INNOVATIVE APPROACHES TO SAFETY AND QUALITY CONTROL IN READY-TO-EAT MEALS (RTEMS)
Sumeyya ERDOĞMUŞ Prof. Dr. Nevcihan GURSOY	Sivas Cumhuriyet University, Türkiye	STABILITY OF PROBIOTICS IN FOOD SYSTEMS AND ADVANCED ENCAPSULATION TECHNOLOGIES
Beyza BEŞKARDEŞ Doç. Dr. Esin EREN	Süleyman Demirel University, Türkiye	PREPARATION AND CHARACTERIZATION OF MXENE/ POLYPYRROLE COMPOSITE
Prof. Dr. Mehtap GORGUN ERŞAN Dr. Duygu ANAKLI Nisa UÇKUN Zehra ÇELİK Rabia AKYOKUŞ	Sivas Cumhuriyet University, Türkiye	APPLICATION AREAS OF NANOTECHNOLOGY IN ENGINEERING
Prof. Dr. Mehtap GORGUN ERŞAN Dr. Duygu ANAKLI Duygu YANIK Nilsu BEKTAŞ Sultan Nisa KÖĞÇE	Sivas Cumhuriyet University, Türkiye	BIOFUELS: DEFINITION, PRODUCTION AND THEIR FUTURE ROLE
Mohamad ALHAYEK Neşe KEKLİKCİOĞLU ÇAKMAK	Sivas Cumhuriyet University, Türkiye	CARBON: NATURE'S LIVING ELEMENT
Mohamad ALHAYEK Neşe KEKLİKCİOĞLU ÇAKMAK	Sivas Cumhuriyet University, Türkiye	SYNTHESIS, CHARACTERIZATION AND STABILITY STUDY OF CHITOSAN-SILVER NANOCOMPOSITE



15.11.2025, Saturday, Online Session-2, Hall-3
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HEAD OF SESSION: Assoc. Prof. Dr. Serdar KOÇKANAT

AUTHOR(S)	ORGANISATION	TOPIC TITLE
Mehmet Eren ULUÇINAR Asst. Prof. Dr. Metin ÖZTÜRK	Ankara Yıldırım Beyazıt University, Türkiye	PROPAGATION-AWARE CELL SWITCHING FOR ENERGY AND THROUGHPUT OPTIMIZATION
Mehmet Ali KURT Asst. Prof. Dr. Hacı Ali ERTAŞ	Sivas Cumhuriyet University, Türkiye	PREDICTIVE MODELING OF WEAR DEPTH IN IRON-BASED ALLOYS PRODUCED BY SINTERING, BOROSINTERING, AND SINTERBORIDING: A COMPARATIVE MACHINE LEARNING APPROACH
Ali SARIMERMER Dr. Aydın DEMİR	Sivas Cumhuriyet University, Türkiye	SELECTING PLATE THICKNESS FOR INDUSTRIAL INSTALLATIONS WITH ELASTOMER INSULATORS
Adem AKTAŞ Dr. Lutuf ERTÜRK	Sivas Cumhuriyet University, Türkiye	AERODYNAMIC AND STATIC STRUCTURAL ANALYSIS OF DIFFERENT NOSE CONE DESIGNS WITH ANSYS
Mehmet Mustafa ATLAN Muhammed Musab BAYAT Serdar KOÇKANAT	Sivas Cumhuriyet University, Türkiye	PARAMETRIC OPTIMIZATION OF ADAPTIVE NLMS FILTER USING GREY WOLF OPTIMIZER AND SUPPRESSION OF POWER LINE INTERFERENCE IN FETAL ECG SIGNALS
Mert ERIŞ	Yıldız Technical University, Türkiye	PERFORMANCE COMPARISON OF LIGHT SOURCES FUNCTIONALITY AFTER ENDURANCE TESTS WITHIN THE SCOPE OF REGULATION (EU) 2019/2020
Nazrin MIRZAZADA Vugar KHUĐAVERDIEV	National Aviation Academy, Azerbaijan	THE ROLE OF MODERN COMPOSITE MATERIALS IN ENSURING FIRE AND EXPLOSION SAFETY IN CIVIL AVIATION AIRCRAFT



15.11.2025, Saturday, Online Session-2, Hall-4
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HEAD OF SESSION: Safae ZRIKI

AUTHOR(S)	ORGANISATION	TOPIC TITLE
PhD. Vanina Kanini PhD. Jola Bojaxhi Assoc. Prof. Edita Stojani MSc. Reko Dida	<i>Polytechnic University of Tirana, Albania</i>	INTEGRATING ARTIFICIAL INTELLIGENCE IN ESP TEACHING FOR ENGINEERING STUDENTS IN ALBANIAN HIGHER EDUCATION; OPPORTUNITIES, CHALLENGES, AND PEDAGOGICAL IMPLICATIONS
Kiranveer Singh	<i>Guru Nanak Dev University, India</i>	CARDIAC AND MENTAL STRESS PREDICTION IN OUTDOOR AGRICULTURAL WORKERS USING IOT AND EDGE AI/ML
Babita Gupta	<i>Integral University, India</i>	ADVANCING FOOD SAFETY IN ARTIFICIAL INTELLIGENCE: CURRENT PROGRESS, CHALLENGES, AND FUTURE DIRECTIONS
Prof. As. Dr. Gazmend Deda Prof. Asoc. Dr. Arben Tërstena MSc. Cand. Yllka Jaha MSc. Cand. Kastriot Jaha Prof. Asoc. Dr. Ismail Mehmeti	<i>University of Applied Sciences in Ferizaj, Kosovo</i>	THE IMPACT OF TECHNOLOGICAL INNOVATION ON COMPETITIVE ADVANTAGE FOR ECONOMIES IN TRANSITION – FOCUS WESTERN BALKAN COUNTRIES
Asst. Prof. Sathisha A. B. Assoc. Prof. Ashwini M. RAO Prof. K. S. BASAVARAJAPPA	<i>Government First Grade College, India Bapuji Institute of Engineering and Technology, India</i>	MATHEMATICAL ANALYSIS ON PHYSIOLOGICAL EFFECT OF CHRONIC OBSTRUCTIVE PULMONARY CANCER DUE TO HABIT OF SMOKING
Dr. Raja Mohammad Latif	<i>Prince Mohammad Bin Fahd University, Saudi Arabia</i>	ARPS – COMPACT AND ARPS – LINDELOF TOPOLOGICAL SPACES
Dr. Raja Mohammad Latif	<i>Prince Mohammad Bin Fahd University, Saudi Arabia</i>	SEMI - CONTINUOUS AND SEMI – IRRESOLUTE MAPPINGS IN TOPOLOGICAL SPACES
Ayodeji A. A. Onyeka-Übaka J. N.	<i>Yaba College of Technology, Nigeria University of Lagos, Nigeria</i>	APPLICATION OF VECTOR ERROR CORRECTION MODEL USING POPULATION DATA IN NIGERIA
Safae ZRIKI Badiä AIT EL HAJ Aboubakr BOUAYAD Abdelkhalek KAMMOUNI Khalid HOUMMADA	<i>Moulay Ismail University (UMI), Morocco Aix Marseille University, France</i>	IMPACT OF COMBINED LIQUID METAL TREATMENT ON THE SOLIDIFICATION PARAMETERS OF HYPOEUTECTIC Al–Si ALLOYS
Gurleen KAUR	<i>Guru Nanak Dev University, India</i>	AI-IoT ENABLED WEARABLE SYSTEM FOR PREDICTING MENSTRUAL HEALTH USING ENVIRONMENTAL AND PHYSIOLOGICAL SIGNALS



15.11.2025, Saturday, Online Session-2, Hall-5
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HEAD OF SESSION: Dr. Habibur RAHMAN

AUTHOR(S)	ORGANISATION	TOPIC TITLE
Huma IKRAM Darakhshan J. HALEEM	University of Karachi, Pakistan	REGIONAL NEUROCHEMICAL PROFILE FOLLOWING CO-ADMINISTRATION OF APOMORPHINE AND BUSPIRONE IN AN ANIMAL MODEL OF ADDICTION
L. BENSASSI A. LAHOUALI M. SAIDJ A. CHOUAIIH	Abdelhamid Ibn Badis University of Mostaganem, Algeria	COMPUTATIONAL AND EXPERIMENTAL INVESTIGATION OF A NEWLY SYNTHESIZED ORGANIC HETEROCYCLIC COMPOUND
S. DEEPAK E. PRAVEENA A. PALANISAMY G. DAVID C. RAVI S. KALAIVANAN	Bharath Institute of Higher Education and Research, India	SUSTAINABLE DRUG MANUFACTURING: A GREEN CHEMISTRY APPROACH
Halimatu IBRAHIM Dr. Ahmed Lawal MASHI Dr. Aminu MUSA Magaji Ilu BARDE	Umaru Musa Yar'adua University Katsina, Nigeria	WO STAGE TRANSESTERIFICATION REACTION TOWARDS THE PRODUCTION OF BIOLUBRICANT FROM WASTE COOKING OIL
Dr. Habibur RAHMAN	Novel Global Community Educational Foundation, Australia	BIOTECHNOLOGICAL INTERVENTIONS IN AGING: CRISPR-BASED REGULATION OF SIRT1 AND MTOR SIGNALING
Most. Mokarroma Md. Sakawat Hosen SOURAV	University of Rajshahi, Bangladesh	ADVANCING CROP RESILIENCE AND FOOD SECURITY THROUGH MODERN BIOTECHNOLOGY AND BREEDING INNOVATIONS
Thanh-Dung NGUYEN Mai-Yuen NGUYEN	Can Tho University, Vietnam Hong Bang International University, Vietnam	VITY AND CHARACTERIZATION OF THE BIOACTIVE SECONDARY METABOLITES PRODUCED BY BACILLUS VELEZENSIS SB4R5 AGAINST ESCHERICHIA COLI AND STAPHYLOCOCCUS AUREUS
Maryam FATIMA Umar Abdul REHMAN Muhammad Bilal HUSSAIN Marwa WAHEED	Government College University Faisalabad, Pakistan	NUTRITIONAL CARDIO PROTECTION: UNVEILING THE POTENTIAL OF FUNCTIONAL FOODS
Mohamed EL MORSY Prof. Dr. Laila AFIA	Ibnou Zohr University, Morocco	SUSTAINABLE VALORIZATION OF ACID WHEY PROTEINS: AN INTEGRATED APPROACH FOR THE MOROCCAN DAIRY SECTOR



15.11.2025, Saturday, Online Session-2, Hall-6
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HEAD OF SESSION: Rania ARBAOUI

AUTHOR(S)	ORGANISATION	TOPIC TITLE
Hana MERAH Ikram BOUCETTA Mohammed JAMEEL	University of El-Oued, Algeria Biskra University, Algeria Sana'a University, Sana'a, Yemen	OPTIMAL POWER FLOW ANALYSIS USING THE KANGAROO ESCAPE ALGORITHM
Afonso Mateus CRUZ José Alberto FUINHAS Matheus BELUCIO	University of Coimbra, Portugal University of Évora, Portugal	SHOULD THE EUROPEAN UNION ADOPT ELECTRIC VEHICLES?
Abdelkader DILMI Abdelfateh BENMAKHOUL Salah BAHAH	Université Mohamed El Bachir El Ibrahimi Bordj Bou Arreridj, Algeria	USE OF ELECTRO-MICROBIAL TECHNOLOGY FOR REDUCING THE POLLUTANT LOAD OF DOMESTIC WASTEWATER FROM THE BORDJ BOU ARRERIDJ WASTEWATER TREATMENT PLANT (WWTP)
Poonam	Indira Gandhi University, India	EFFECT OF ELECTROLYTE ON CHARGE STORAGE PERFORMANCE IN A COMPOST- BASED SYMMETRIC DEVICE
R. SWATHI E. PRAVEENA S. RUBIN THARA	Bharath Institute of Higher Education and Research, India	RENEWABLE ENERGY AS A CATALYST FOR SUSTAINABLE ECONOMIC GROWTH
Sandeep YADAV Prof. Vijay KUMAR Dr. Sunil KUMAR	Indira Gandhi University, India	ELECTRODEPOSITED SnO ₂ AND SnO ₂ /POLYPYRROLE COATINGS ON COPPER ELECTRODES FOR ENHANCED PERFORMANCE AND STABILITY OF SOIL- COMPOST MICROBIAL FUEL CELLS
A. ELGHARBI M. SADIK Y. ARBA A. EL HACHMI H. LASSRI M. ABID	Université Hassan II de Casablanca, Morocco	STRUCTURAL AND OPTICAL PROPERTIES OF Eu _{0.2} La _{1.8} CuO ₄ CUPRATE FOR OPTOELECTRONIC APPLICATIONS
Rania ARBAOUI Prof. Rajaa AMZILE	Mohammed V University, Morocco	INDUSTRY 4.0 ADOPTION IN THE GLOBAL TEXTILE SECTOR: A GLOBAL SCIENTOMETRIC ANALYSIS OF BARRIERS AND RESEARCH FRONTS (2013–2025)



15.11.2025, Saturday, Online Session-2, Hall-7
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HEAD OF SESSION: Sakina ATAYEE

AUTHOR(S)	ORGANISATION	TOPIC TITLE
Abdelali LAÏD Abed ZOULIKHA	<i>University Djillali Liabes of Sidi Bel Abbès, Algeria</i>	OPTIMIZATION OF CIGS SOLAR CELL EFFICIENCY THROUGH ZINC SULFIDE INSULATION LAYER INTÉGRATION
Sakina ATAYEE	<i>Ahlul Bayt International University, Iran</i>	EXPERIMENTAL INVESTIGATION OF THE EFFECT OF DIFFERENT AMOUNTS OF FERROPHOSPHORUS ON THE SETTING TIME OF CEMENT MORTAR
Abdelfateh BENMAKHLOUF Nadhira BÏOUD Rabie MEZOUAR	<i>University Mohamed El Bachir El Ibrahimi of Bordj Bou Arreridj, Ferhat Abbas Setif University, Algeria</i>	HIGH-PRESSURE EFFECT ON STRUCTURAL AND MECHANICAL PROPERTIES OF CUPD: FIRST-PRINCIPLES STUDY
T. OGUNSOLA A. ABRAHAM U. NWADINIGWE O. ADEBAYO C. WILLIAMS K. OFRABOR	<i>Maritime Academy of Nigeria, Nigeria</i>	DEVELOP AN ONBOARD SYSTEM TO ANALYZE SENSOR DATA IN REAL TIME, REDUCING DELAYS IN SPILL DETECTION AND REPORTING
Ramireddy SUSHMITHA M. Hemanth KUMAR SV Garata REDDY Pathangi ESWANTH	<i>G. Pulla Reddy Engineering College, India</i>	USE OF ARTIFICIAL NEURAL NETWORK MODEL FOR PREDICTION OF RIVER WATER QUALITY
Abhi SAHA Dr. Mst. Jesmin SULTANA Dr. Fazle Rabbi Shakil AHMED	<i>University of Rajshahi, Bangladesh, Khawaja Yunus Ali University, Bangladesh</i>	ENVIRONMENTALLY BENIGN ROUTE FOR THE PRODUCTION OF COPPER NANOPARTICLES USING DIOSPYROS MALABARICA EXTRACT
Sadia Afrin Sayfa NEGABAN Mohammad Fahimul ISLAM Jannatul Ferdous JERIN	<i>University of Dhaka, Bangladesh</i>	ON OF WRF-ARW IN MODELLING THE STRUCTURE, TRACK, AND INTENSIFICATION OF EXTREMELY SEVERE CYCLONIC STORM MOCHA OVER THE BAY OF BENGAL

