



8th INTERNATIONAL MODERN SCIENCES CONGRESS

"Mata Sundri College for Women, University of Delhi"
September 11-12,2023 / Delhi, India



CONGRESS PROGRAM

ONLINE

Zoom ID: 860 5266 6988

Passcode: 112233

<https://us02web.zoom.us/j/86052666988?pwd=aVhSdlF2ODZ5SER3YnZpSDNpa2F3dz09>

Participant Countries (16):

India, Türkiye, Azerbaijan, Algeria, Ethiopia, Indonesia, Italy, Libya, Morocco, Nigeria, Pakistan, Poland, Romania, Russia, United Arab Emirates, United Kingdom

Önemli, Dikkatle Okuyunuz Lütfen

- Kongremizde Yazım Kurallarına uygun gönderilmiş ve bilim kurulundan geçen bildiriler için online (video konferans sistemi üzerinden) sunum imkanı sağlanmıştır.
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- Her oturumdaki sunucular, sunum saatinden 5 dk öncesinde oturuma bağlanmış olmaları gerekmektedir.
- Tüm kongre katılımcıları canlı bağlanarak tüm oturumları dinleyebilir.
- Moderatör – oturumdaki sunum ve bilimsel tartışma (soru-cevap) kısmından sorumludur.

Dikkat Edilmesi Gerekenler - TEKNİK BİLGİLER

- Bilgisayarınızda mikrofon olduğuna ve çalıştığına emin olun.
- Zoom'da ekran paylaşma özelliğini kullanabilmelisiniz.
- Kabul edilen bildiri sahiplerinin mail adreslerine Zoom uygulamasında oluşturduğumuz oturuma ait ID numarası gönderilecektir.
- Katılım belgeleri kongre sonunda tarafınıza pdf olarak gönderilecektir.
- Kongre programında yer ve saat değişikliği gibi talepler dikkate alınmayacaktır.

Important, Please Read Carefully

- To be able to attend a meeting online, login via <https://zoom.us/join> site, enter ID "Meeting ID or Personal Link Name" and solidify the session.
- The Zoom application is free and no need to create an account.
- The Zoom application can be used without registration.
- The application works on tablets, phones and PCs.
- The participant must be connected to the session 5 minutes before the presentation time.
- 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.

Points to Take into Consideration - TECHNICAL INFORMATION

- Make sure your computer has a microphone and is working.
- You should be able to use screen sharing feature in Zoom.
- Attendance certificates will be sent to you as pdf at the end of the congress.
- Requests such as change of place and time will not be taken into consideration in the congress program.

Zoom'a giriş yapmadan önce lütfen örnekteki gibi salon numaranızı, adınızı ve soyadınızı belirtiniz
Before you login to Zoom please indicate your hall number, name and surname

exp. H-1, Gamze TURAN

-Opening Ceremony-

Date: **11.09.2023**

Delhi Local Time: **11:30-12:30**

Ankara Local Time: **09:00-10:00**

Place: **Online via Zoom**

ZOOM ID: 821 3936 1854

ZOOM PASSCODE: 667607

<https://us06web.zoom.us/j/82139361854?pwd=VEpHVUJEa284dDd1RzFLWnY2YVJjUT09>

Dr. Mustafa Latif EMEK

President of the Institute of Economic Development and Social Research

“Welcoming Speech”

Prof. Harpreet Kaur

Principal, Mata Sundri College for Women, University of Delhi

Congress Head

“Welcoming Speech”

Prof. Vandana Mishra

Mata Sundri College for Women, University of Delhi

“Fast Fashion's Ripple Effect: Assessing Impact and Taking Steps”

Dr. Uzma Nadeem

Mata Sundri College for Women, University of Delhi

Organizing Committee Head

“Welcoming Speech”



ONLINE PRESENTATIONS

11.09.2023 / Session-1, Hall-1



INDIA LOCAL TIME



13 00 : 15 00



ANKARA LOCAL TIME



10 30 : 12 30

ZOOM ID: 860 5266 6988

ZOOM PASSCODE: 112233

<https://us02web.zoom.us/j/86052666988?pwd=aVhScdlF2ODZ5SER3YnZpSDNpa2F3dz09>

HEAD OF SESSION: **Asst. Prof. Sümeyye GÜR MAZLUM**

| AUTHORS | AFFILIATION | TOPIC TITLE |
|---|---|---|
| Asst. Prof. Sümeyye GÜR MAZLUM | Gümüşhane University | ON THE EVOLUTE CURVES OF ANY NON-UNIT SPEED CURVE IN EUCLIDEAN 3-SPACE |
| Şenda YILDIRIM ÇELİK Merve SÖYLEMEZ Prof. Dr. Ahmet Deniz YÜCEKAYA Asst. Prof. Mustafa HEKİMOĞLU | Dogus Technology Kadir Has University | CUSTOMER-BASED VEHICLE SALES FORECAST IN AFTER SALES SERVICES WITH MACHINE LEARNING METHODS |
| Dr. Fikret SÖNMEZ | Manisa Celal Bayar University | ANALYSIS OF TOOL WEAR DUE TO CUTTING TIME ON DIFFICULT-TO-CUT MATERIALS |
| Dr. Fikret SÖNMEZ | Manisa Celal Bayar University | THE EFFECT OF FEED AND DEPTH OF CUT PARAMETERS ON SURFACE ROUGHNESS IN STAINLESS STEEL MATERIALS |
| Öznur ÖZGAN Assist. Prof. Dr. Dilek YASAR | Istanbul Aydın University | A COMPARISON OF THE ISSUES WITH AND POTENTIALS OF COATING MATERIALS USED ON INDOOR VERTICAL SURFACES |
| Asst. Prof. Dr. Mustafa ARMAĞAN Emirhan ÇALIM Assoc. Dr. Berzah YAVUZYEGİT Asst. Prof. Dr. Yasemin YILDIRAN AVCU Asst. Prof. Dr. Eray ABAKAY Assoc. Prof. Dr. Egemen AVCU | Istanbul Medeniyet University Kocaeli University University of Portsmouth Sakarya University | EFFECTS OF STANDOFF DISTANCE AND PROCESSING DURATION PARAMETERS ON PRIMARY DEFORMATION ZONE IN WATER JET PEENING OF Ti6Al4V ALLOY |
| Şirin Gonca PERÇİN Dr. Hazal CEYHAN Assoc. Prof. Zehra ÖZDEMİR | Amasya University Ankara University | EXAMINATION OF GROWTH DEPENDENT TO THE ELLIPSOID SURFACE |
| Esra PARLAK Dr. Hazal CEYHAN Assoc. Prof. Zehra ÖZDEMİR | Amasya University Ankara University | HYPERBOLIC MOTION OF THE POLARIZED LIGHT WAVE |



ONLINE PRESENTATIONS

11.09.2023 / Session-1, Hall-2



INDIA LOCAL TIME



13⁰⁰ : 15⁰⁰



ANKARA LOCAL TIME



10³⁰ : 12³⁰

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<https://us02web.zoom.us/j/86052666988?pwd=aVhSc1F2ODZ5SER3YnZpSDNpa2F3dz09>

HEAD OF SESSION: Assoc. Dr. Müslüme Melis SAVAŞ

| AUTHORS | AFFILIATION | TOPIC TITLE |
|--|--|--|
| Assoc. Dr. Müslüme Melis SAVAŞ | Karadeniz Technical University | A TURKISH INVENTION IN INDIAN LAND: THE CHANDAL MANDAL GAME |
| Assist. Prof. Dr. Hülya Kalyoncu | Istanbul Topkapi University | ASSESSING THE PERSPECTIVE ON WOMEN IN THE OTTOMAN EMPIRE THROUGH THE SYMBOLIC EXPRESSIONS OF OSMAN HAMDI BEY'S 'PORTRAYALS OF WOMEN' PAINTINGS |
| Assoc. Dr. Funda ÖZŞENER | Yüzüncü Yıl University | EXPRESSION PLANES AND USE OF DRAMATIC MOTIFS IN D. KOVACIVIC'S PLAY PROFESSIONAL |
| Bağirova Tamilla Əli qızı | Azerbaijan State Pedagogical University | IMAGINATION - AS A FORM OF REALIZATION OF THE CREATIVE PROCESS |
| Assoc. Dr. Serap SARIBAŞ | Karamanoglu Mehmetbey University | ED GEIN'S INFLUENCE ON AMERICAN POPULAR CULTURE AND THE HORROR MOVIES HE INSPIRED |
| Assoc. Dr. Serap SARIBAŞ | Karamanoglu Mehmetbey University | CRIME AND PUNISHMENT: ALEX AND THE LUDOVICO TECHNIQUE IN ANTHONY BURGESS'S A CLOCKWORK ORANGE WITHIN THE CONTEXT OF MASTER-SLAVE DIALECTIC |
| Assist. Prof. Dr. Fadime ÖZLER KAYA | Erciyes University | "THE ARCHITECTURE CAPTURING IMMORTALITY" POWER, MAGNIFICENCE AND THE THEME OF DEATH IN MUGHAL DYNASTY TOMBS |
| Assoc. Dr. Türkan Askerova Samira Mamedova | Azerbaijan National Academy of Sciences Azerbaijan State Pedagogical University | XIV- XVI. PARALLEL USAGE OF ARABIC AND PERSIAN WORDS IN AZERBAIJAN (TURKISH) LITERATURE LANGUAGE OF THE CENTURY |
| Lect. Mujkan MEMMEDZADE | Azerbaijan State Academy | CONSIDERATION IN SPECIAL DESIGNATED EDUCATIONAL INSTITUTIONS - AS A MEANS OF ELIMINATING DIFFICULTIES IN OFFICER'S PROFESSIONAL ACTIVITY |
| Assoc. Dr. Ergenekon SAVRUN | Ufuk University | THE IMPACTS OF THE TURKISH WAR OF INDEPENDENCE ON THE INDIAN INDEPENDENCE MOVEMENT |



ONLINE PRESENTATIONS

11.09.2023 / Session-1, Hall-3



INDIA LOCAL TIME



13⁰⁰ : 15⁰⁰



ANKARA LOCAL TIME



10³⁰ : 12³⁰

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<https://us02web.zoom.us/j/86052666988?pwd=aVhSc1F2ODZ5SER3YnZpSDNpa2F3dz09>

HEAD OF SESSION: Assoc. Dr. Kadir GÖKOĞLAN

| AUTHORS | AFFILIATION | TOPIC TITLE |
|--|---|---|
| Assoc. Dr. Kadir GÖKOĞLAN Hüseyin SEVİM | Dicle University | A FIELD STUDY ON CUSTOMER PERCEPTIONS ON GREEN BANKING |
| Assist. Prof. Dr. Salih AKA | Erzincan Binali Yıldırım University | WHAT ARE THE REASONS FOR NOT PREFERRING OF SUBOPTIMAL FOODS? |
| Merve Demirci Assoc. Dr. Gökhan KERSE | Karamanoglu Mehmetbey University Kafkas University | WORK ENGAGEMENT: AN EXAMINATION ACCORDING TO DEMOGRAPHIC VARIABLES AND SECTOR DIFFERENCES |
| Assist. Prof. Dr. Doğuş YÜKSEL | OSTİM Technical University | AN ANALYSIS OF THE PERFORMANCE OF ADVERTISEMENTS TARGETING COMPETITOR BRAND NAMES |
| Assist. Prof. Dr. Zuhâl AKBELEN | Bursa Uludağ University | THE IMPACT OF DOUBLE TAXATION TREATIES ON TAX REVENUES |
| Dr. Ferhat Çağrı ARAS Dr. Yasin Çağlar KAYA | Karadeniz Technical University | GLOBAL COOPERATION IN THE FIGHT OF THE GLOBAL PANDEMIC: PANDEMIC AGREEMENTS |
| Assist. Prof. Dr. Tuğçe SARIOĞLU Assoc. Dr. Ahmet Duran ÇELİK | Hatay Mustafa Kemal University | TOMATO FOREIGN TRADE OF TURKEY AND COMPETITIVENESS IN THE INTERNATIONAL MARKET |



ONLINE PRESENTATIONS

11.09.2023 / Session-1, Hall-4



INDIA LOCAL TIME



13⁰⁰ : 15⁰⁰



ANKARA LOCAL TIME



10³⁰ : 12³⁰

ZOOM ID: 860 5266 6988

ZOOM PASSCODE: 112233

<https://us02web.zoom.us/j/86052666988?pwd=aVhSc1F2ODZ5SER3YnZpSDNpa2F3dz09>

HEAD OF SESSION: Asst. Prof. Emine BAŞ

| AUTHORS | AFFILIATION | TOPIC TITLE |
|--|--|---|
| Asst. Prof. Emine BAŞ | Konya Technical University | PERFORMANCE OF SNAKE OPTIMIZER ON CEC-C06 2019 TEST FUNCTIONS |
| Asst. Prof. Emine BAŞ | Konya Technical University | A NEW BINARY SNAKE OPTIMIZER FOR 0-1 KNAPSACK PROBLEMS |
| Elif AKYILDIRIM Erkan ZİLELİ Z. Sude SARI Prof. Dr. M. Fatih AKAY | Trendyol Çukurova University | DEVELOPMENT OF SERVICE CATALOG AND SERVICE MATURITY APPLICATION INFRASTRUCTURE |
| Ecem Ozkan Ali Tangel | Kocaeli University | AN ANALOG ARRAY IMPLEMENTATION FOR HIGH RESOLUTION SEMI-FLASH ADC DESIGNS USING COMPLEMENTARY COMPARATOR METHOD |
| Aslı OĞUZHAN Assoc. Prof. Dr. Hüseyin ŞEVİK Prof. Dr. Nurcan ÇALIŞ AÇIKBAŞ | Mersin University | THE EFFECT OF BETA SILICON NITRIDE PARTICLES ON THE HARDNESS OF AZ91D MAGNESIUM ALLOY |
| Ichraq El yaakouby Miloudi Hlaibi Nourredine Kamil | Hassan II University of Casablanca | HETEROGENEOUS CATALYSIS FOR THE SYNTHESIS OF RENEWABLE BIODIESEL BY ESTERIFICATION PROCESS |
| CHARIF Rania SRITI Fatima Zohra | University of Biskra | SYNTHESIS OF PEROVSKITE MATERIAL BASED ON THE RUDDLESDEN-POPPER STRUCTURE VIA CERAMIC METHOD |
| Toumi Meriem Abdelli Islem Safia Addou Ahmed Abdelmalek Fatiha | University of Mostaganem Abdelhamid Ibn Badis | CALCULATION OF CH4 EMISSION RATE IN SETIF LANDFILL SITE WITH LANDGEM MATHEMATICAL MODEL |
| Yusuf Donat | --- | EFFECT OF A BI ELEMENT ON HARDNESS AND TENSILE STRENGTH IN SILVER BASED SOLDERING WIRE |



ONLINE PRESENTATIONS

11.09.2023 / Session-1, Hall-5



INDIA LOCAL TIME



13⁰⁰ : 15⁰⁰



ANKARA LOCAL TIME



10³⁰ : 12³⁰

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<https://us02web.zoom.us/j/86052666988?pwd=aVhSc1F2ODZ5SER3YnZpSDNpa2F3dz09>

HEAD OF SESSION: Dr. Uzma Nadeem

| AUTHORS | AFFILIATION | TOPIC TITLE |
|---|----------------------------------|--|
| Prof. Dr. R. Saravanan | Bharath Institute | SYNTHESIS AND EVALUATION OF SILVER NANOPARTICLES FROM ETHANOLIC LEAF EXTRACT OF TRIDAX PROCUMBENS.L |
| Maryam Ehsan Wafa Majeed Muhammad Saad Tariq Muhammad Ali | University of Agriculture | THE IMPACT OF ROHIFOLIN ON THE MODULATION OF GLUCOSE AND INFLAMMATORY MARKERS IN STREPTOZOTOCIN-INDUCED DIABETIC RATS |
| PREMANAND.G SARAVANAN.R SRINIVASAN.R | Bharath Institute | IMMUNOTHERAPY |
| M.MONICA Dr.R.SARAVANAN Dr.R.SRINIVASAN | Bharath Institute | ETHNOPHARMACOLOGICAL AND PHYTOCHEMICAL REVIEW ON AN ANTILEPROTIC DRUG HYDNOCARPUS |
| D. Anushya Dr.Saravanan Dr. Srinivasan | Bharath Institute | URINARY TRACT INFECTION |
| G. Asma Begum Dr. R. Saravanan Dr. R. Srinivasan | Bharath Institute | PARKINSON DISEASE |
| P. Pooja Dr. R. SARAVANAN Dr. R. SRINIVASAN | Bharath Institute | PHYTOCHEMICAL AND ANTIMICROBIAL ANALYSIS OF MYSTETOE LEAVES |
| GURUPRASANTH.M SARAVANAN.R SRINIVASAN.R | Bharath Institute | MARINE ORGANISMS AS POTENTIAL SOURCES OF DRUG |
| Anella Saviano Federica Raucchi Asif Jilani Iqbal Francesco Maione | University of Naples Federico II | DEVELOPMENT AND PHARMACOLOGICAL CHARACTERIZATION OF NEW BIOLOGIC (AB-IPL-IL17™) FOR IL-17-MEDIATED INFLAMMATORY DISEASES |
| Hadeel Almeily Ghazalla Benhusein | University of Tripoli | KNOWLEDGE LEVELS OF BASIC FIRST-AID PRACTICES AMONG PRIMARY SCHOOL TEACHERS IN TRIPOLI |



ONLINE PRESENTATIONS

11.09.2023 / Session-2, Hall-1



INDIA LOCAL TIME



15³⁰ : 17³⁰



ANKARA LOCAL TIME



13⁰⁰ : 15⁰⁰

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<https://us02web.zoom.us/j/86052666988?pwd=aVhSc1F2ODZ5SER3YnZpSDNpa2F3dz09>

HEAD OF SESSION: Dr. Harinder Sandhu & Assoc. Prof. Dr. Manisha Mathur

| AUTHORS | AFFILIATION | TOPIC TITLE |
|---|---|--|
| Siri Amry Muhammad Mufid Ahmad Burhanuddin | UIN K.H. Abdurrahman Wahid Pekalongan | INTER-MOSLIM RELATIONS WITHIN THE FRAME OF RELIGIOUS MODERATION IN INDONESIA |
| NITA ABELIA Maghfur Tarmidzi Karimatul Khasanah | UIN K.H. Abdurrahman Wahid Pekalongan | JAVANESE CULTURATION OF THE DEVELOPMENT OF ISLAM IN INDONESIA |
| NAMA KALIAN Hendri Hermawan ADINUGRAHA Ade GUNAWAN Ria Anisatus SHOLIHAH | UIN K.H. Abdurrahman Wahid Pekalongan | EXPORT OF HALAL COSMETIC PRODUCTS: POTENTIAL AND OPPORTUNITIES IN INDONESIA |
| Assoc. Prof. Dr. Manisha Mathur | University of Delhi | PAPA WAS A MAMA'S BOY: IMAGES OF WOMEN IN ERNEST HEMINGWAY'S "THE SUN ALSO RISES" AND "A FAREWELL TO ARMS" |
| Assist. Prof. Dr. Kirandeep Kaur | University of Delhi | ETHICAL DILEMMAS AND MORAL CHOICES IN THE MAHABHARATA: EXPLORING THE COMPLEXITIES OF DHARMA |
| Isha Sharma | University of Delhi | PREVALENCE OF DEPRESSION AMONG ELDERLY WOMEN |
| Assoc. Prof. Dr. Barkha Devi Prof. Dr. Bidita Khandelwal | Sikkim Manipal University | VIDEO BASED DEMONSTRATION AS A COMPLEMENT OR REPLACEMENT FOR THE CONVENTIONAL METHOD ON ANTENATAL EXAMINATION |
| Moirangthem Thoibi Devi | Sikkim Manipal University | EFFECTIVENESS OF VIDEO ASSISTED TEACHING MODULE (VATM) ON CONTRACEPTIVE METHODS ON KNOWLEDGE AND ATTITUDE OF THE COUPLES IN THE VILLAGES OF SIKKIM |
| Major Giurgiu Gheorghe Prof. Dr. Cojocaru Manole Dr. Simona Criste | Deniplant-Aide Sante Medical Center Titu Maiorescu University Central Clinic Military Hospital | DENIPLANT NUTRACEUTICALS MAY HELP FOR ENDOMETRIOSIS PAIN |



ONLINE PRESENTATIONS

11.09.2023 / Session-2, Hall-2



INDIA LOCAL TIME



15³⁰ : 17³⁰



ANKARA LOCAL TIME



13⁰⁰ : 15⁰⁰

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HEAD OF SESSION: **Assoc. Prof. Dr. Beyazıt Yaşar SEYHAN**

| AUTHORS | AFFILIATION | TOPIC TITLE |
|---|---|---|
| Orhan YILDIZ Prof. Dr. Assiye AKA | Çanakkale Onsekiz Mart University | THE ROLE AND EFFECTS OF DIGITAL LOCAL STUDENTS IN SOCIAL STRUCTURE AND stratification: IN THE CASE OF BİLSEM STUDENTS |
| Assoc. Prof. Dr. Mustafa Hulki CEVİZOĞLU | -- | THE MORALITY OF THE MASS AND THE SOCIALITY OF EVIL IN UNTESTED CONDITION |
| Assoc. Prof. Dr. Beyazıt Yaşar SEYHAN | Osmaniye Korkut Ata University | BELKIS KISA'S INTERPRETATION IN TERMS OF IDENTITY POLITICS AND FAITH DEVELOPMENT |
| Serdar NÜKTE | Izmir Bakircay University | A GENUINE SOCIOLOGIST IN THE CRITICISM OF MODERN CAPITALISM: WERNER SOMBART |
| Assist. Prof. Dr. Mehmet DEMİR | Gaziantep Islam Science and Technology University | THE ISSUE OF VEILING IN THE QUR'AN AND THE ATTITUDE OF İBLİS |
| Dr. Sare EVCİMİK | Elazığ Provincial Mufti | USE OF TECHNOLOGY IN RELIGIOUS TEACHING: ADVANTAGES AND LIMITATIONS |
| Büşra BAŞ Assist. Prof. Dr.Hüseyin Bilal MACİT | Burdur Mehmet Akif Ersoy University | A BRIEF REVIEW ON INSTAGRAM ADVERTISING |
| Assoc. Prof. Dr. Sure SEYİD | Nakhchivan State University | ACTIVITY DYNAMICS OF INTERNET-JOURNALISM IN THE MODERN MEDIA SYSTEM |



ONLINE PRESENTATIONS

11.09.2023 / Session-2, Hall-3



INDIA LOCAL TIME



15³⁰ : 17³⁰



ANKARA LOCAL TIME



13⁰⁰ : 15⁰⁰

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HEAD OF SESSION: **Neslihan BALCI**

| AUTHORS | AFFILIATION | TOPIC TITLE |
|---|---|---|
| Assoc. Prof. Fatma BAŞAR | Kutahya Health Sciences University | ARTIFICIAL INTELLIGENCE AND NURSING |
| Assoc. Prof. Fatma BAŞAR | Kutahya Health Sciences University | VIOLENCE IN PREGNANCY AND ITS EFFECTS |
| Fatma KIZILBOĞA DURSUN Assoc. Prof. Rukiye TÜRK DELİBALTA | Kafkas University | BIRTH SUPPLEMENT OF THE HOLISTIC APPROACH IN MISSION |
| Ayşenur YILDIRIM Havva SERT | Sakarya University | (THE EFFECT OF POSITIONING APPLIED ON COVID-19 PATIENTS ON RESPIRATORY PARAMETERS) |
| Tuğba KARADENİZ | İzmir Tepecik Education and Research Hospital | RELATIONSHIP WITH TUMOR VOLUME, LARGEST SIZE AND LYMPHOVASCULAR INVASION IN ENDOMETRIUM CARCINOMAS |
| Assoc. Prof. Sevgin SAMANCIOĞLU BAGLAMA Assist. Prof. Ercan BAKIR Mehmet ASAM Busra USTUN | Mugla Sıtkı Kocman University Erzurum Teknik University Van Research and Training Hospital | THE EFFECT OF TOPICAL HOT COMPRESS APPLICATIONS WITH BLACK SEED OIL AND GINGER OIL ON PAIN AND PATIENT SATISFACTION IN PATIENTS WITH KNEE OSTEOARTHRITIS: A RANDOMIZED CONTROLLED STUDY |
| Elif KAYA AYDOĞDU Lect. Elif PAKLACI Assoc. Prof. Dr. Beseş ÖREN | Bakirkoy Dr. Sadi Konuk Training and Research Hospital Istanbul Kent University University of Health Sciences | DISASTER PREPAREDNESS AND RISK PERCEPTIONS OF INTENSIVE CARE NURSES |
| Burcu Ezgi EREGAR Prof. Dr. Özlem GÜZEL | Istanbul University | MECHANICAL VENTILATION AND PARAMETERS IN ANESTHETIZED DOGS AND CATS |
| Çağlar Kaan BOZBEK Asst. Prof. Dr. Meryem ŞENTÜRK | University of Erciyes | EFFECT OF LEVOTHYROXINE ADMINISTRATION ON OXIDATIVE STRESS AND CYTOKINE LEVELS IN RATS WITH EXPERIMENTAL HYPOTHYROID |
| Şükrü CANPOLAT Cemil İŞLEK Elif YÜRÜMEZ CANPOLAT İlgaz AKATA | Niğde Ömer Halisdemir University Ankara University | BIOCHEMICAL PROPERTIES AND IN VITRO ANTIMICROBIAL ACTIVITY OF Lentinula edodes |
| Dr. Bekir ÇOKSEVİM | Bilecik Şeyh Edebali University | INTERNET USE IN SECONDARY EDUCATION STUDENTS |
| Dr. Bekir ÇOKSEVİM | Bilecik Şeyh Edebali University | SECONDARY STUDENTS and MENTAL PERFORMANCE |



ONLINE PRESENTATIONS

11.09.2023 / Session-2, Hall-4



INDIA LOCAL TIME



15³⁰ : 17³⁰



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HEAD OF SESSION: Hatice ULUSOY

| AUTHORS | AFFILIATION | TOPIC TITLE |
|--|--|---|
| Dr. Erhan KAHYA Dr. Fatma Funda ÖZDÜVEN Berat Can CEYLAN | Tekirdag Namık Kemal University | YOLOv8 APPLICATION FOR SELECTIVE ROBOTIC PEPPER HARVESTING SYSTEMS |
| Prof. Dr. Ayse Gul INCE Prof. Dr. Mehmet KARACA | Akdeniz University | GENOME-WIDE COPMARISONS OF MICROSATELLITES IN GOSSYPIUM L. |
| Prof. Dr. Ayse Gul INCE Prof. Dr. Mehmet KARACA | Akdeniz University | PRELIMINARY RESULTS OF GRAFTING IN GOSSYPIUM HIRSUTUM & G. BARBADENSE CULTIVARS |
| Hüseyin PEKER Hatice ULUSOY | Artvin Coruh University Mugla Sifki Kocman University | THE EFFECTS OF WASTE VEGETABLE OILS ON SOME SURFACE PROPERTIES OF ANATOLIAN CHESTNUT (CASTANEA SATIVA MILL.) WOOD |
| Hüseyin PEKER Hatice ULUSOY | Artvin Coruh University Mugla Sifki Kocman University | DETERMINATION OF SOME SURFACE PROPERTIES OF BLACK LOCUST (ROBINIA PSEUDOACACIA L.) WOOD TREATED WITH WOOD BLEACHING CHEMICALS |
| Ayşenur BİLGİN Assist. Prof. Dr. Selma HELLİ | Sakarya University | FISH FAUNA OF LAKE LITTLE AKGÖL (Sakarya, TÜRKİYE) |
| Lect. Muhittin USLU Prof. Dr. Enver YAZAR | Yozgat Bozok Üniversitesi Selçuk Üniversitesi | REPRODUCTIVE TOXIC EFFECTS OF FLUROQUINOLONES |
| Lect. Muhittin USLU Prof. Dr. Enver YAZAR | Yozgat Bozok University Selcuk University | Use of Maropitant in the Pet Clinic |
| Levend COSKUNTUNA | Tekirdağ Namık Kemal University | IMPORTANCE OF DRY PERIOD İN DAIRY CATTLE |
| Levend COSKUNTUNA | Tekirdağ Namık Kemal University | WHAT IS THE TOTAL MIXED RATION |



ONLINE PRESENTATIONS

11.09.2023 / Session-2, Hall-5



INDIA LOCAL TIME



15³⁰ : 17³⁰



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<https://us02web.zoom.us/j/86052666988?pwd=aVhSc1F2ODZ5SER3YnZpSDNpa2F3dz09>

HEAD OF SESSION: Assoc. Prof. Dr. Navita Malik

| AUTHORS | AFFILIATION | TOPIC TITLE |
|---|--------------------------------------|--|
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| Zohaib Hassan Sain | Superior University | STUDENTS ASSESSMENT OF ONLINE EDUCATION DURING THE COVID-19 EPIDEMIC: AN ANALYSIS |
| Zohaib Hassan Sain | Superior University | THE INFLUENCE OF INFORMATION TECHNOLOGY OF HIGHER EDUCATION IN PAKISTAN |
| Dr. Chandrasekharan Praveen | --- | RESOURCE MINING USING CHATGPT FOR TEACHER EDUCATION -A MINOR STUDY |
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| Mamta Pasrija Prof. Dr. Satyendra Gupta | Galgotias University | NEED OF LIFE SKILLS AMONG ADOLESCENTS FOR ENHANCING THEIR PERSONALITY AND INTELLIGENCE |



ONLINE PRESENTATIONS

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INDIA LOCAL TIME



18⁰⁰ : 20⁰⁰



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15³⁰ : 17³⁰

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HEAD OF SESSION: Assoc. Prof. Harleen Kaur

| AUTHORS | AFFILIATION | TOPIC TITLE |
|---|--|---|
| WÓJCIK-CZERNIAWSKA Agnieszka | Warsaw School of Economics | DIGITIZATION AS AN OPPORTUNITY FOR ASEAN COUNTRIES |
| Assist. Prof. Vandana Maurya Assoc. Prof. Paramita Ghosh | University of Delhi | FINANCING ECO-INNOVATIONS IN INDIA |
| Sumiran Sinha Dr. Meenakshi Sinha Swami | Dayalbagh Deemed University | GREEN FINANCE AND FITS FLEDGLING RAMIFICATIONS: COMPARATIVE STUDY OF INDIA, BRAZIL, JAPAN AND USA |
| Harkiran Kaur Dr. Meenakshi Sinha Swami | University of Delhi Dayalbagh Deemed University | FOOD BASKET VULNERABILITIES: ANALYSING FOOD SECURITY IN INDIA |
| Sapna Dhaliwal Harleen Kaur Yashika Ahuja Amandeep Kaur Moini Gupta | University of Delhi | THE IMPACT OF SOCIAL MEDIA ON YOUTH: AN ANALYSIS OF USAGE PATTERNS AND EFFECTS |
| Ms. Vaishali Dr. Meenakshi Sinha Swami | University of Delhi | UNSUSTAINABLE EXPORTS: NATURAL RESOURCE USAGE IN INDIAN EXPORTS |
| Santi Nailul IZATY Achmad Tubagus SURUR Abdul AZIZ | UIN K.H. Abdurrahman Wahid Pekalongan | TRADE AND MARKETING CONCEPTS IN ISLAM |
| Salsa ZAHROTUN Nurul Hikmah SOFYAN | UIN K.H. Abdurrahman Wahid Pekalongan | KONTRA RADIKALISME AGAMA DI ERA DISRUPSI DIGITAL DAN POST TRUTH |
| Rayan Ikram ADDOUN | University M'hamed Bougara of Boumerdes | NONLINEAR DEGENERATE p-LAPLACIAN ELLIPTIC EQUATIONS WITH SINGULAR GRADIENT LOWER ORDER TERM |
| Halima AIT CHAIT | University of Science and Technology Houari Boumediene | EXISTENCE AND UNIQUENESS FOR THE HYPERBOLO-ELLIPTIC PROBLEM |



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HEAD OF SESSION: Assoc. Prof. Rashmi Verma

| AUTHORS | AFFILIATION | TOPIC TITLE |
|---|--|---|
| Prabha Jha Assist. Prof. Gurpreet Kaur | University of Delhi | MANDELBROT SET: IT'S MATHEMATICS, MYSTIQUE AND SIMPLIFIED COMPLEX DYNAMICS |
| Preet Shukla Suramya Dinkar Archana Verma Rashmi Verma | University of Delhi | THE ROLE OF CRITICAL MINERALS IN THE INDIAN SEMICONDUCTOR INDUSTRY |
| Nainy Singh Gati Jain Rashmi Verma | University of Delhi | MATHEMATICS- THE FOUNDATION OF ARCHITECTURE |
| Deepa Chauhan Rashmi Rashmi Verma | University of Delhi | APPLICATIONS OF RAMANUJAN SUMMATION |
| Utku GÜRDAL | Burdur Mehmet Âkif Ersoy Üniversitesi | BIPOLAR METRIC SPACES THROUGH LAWVERE QUANTALE |
| Dinky Sethi Kashish Raghav Rashmi Verma | University of Delhi | AN OVERVIEW OF RUBIK'S CUBE |
| Nainy Singh Gati Jain Rashmi Verma | University of Delhi | APPLICATION OF GEOMETRY IN ARCHITECTURE |
| Sanjeev Gupta Archana Dixit Salim Shekh | GLA University | TSALLIS HOLOGRAPHIC DARK ENERGY SCENARIO IN VISCOUS $F(Q)$ GRAVITY WITH TACHYON FIELD |
| Manalebish Debalike Asfaw | Addis Ababa University | MATHEMATICAL MODELING OF GUINEA WORM DISEASE DYNAMICS |



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HEAD OF SESSION: Assoc. Prof. Dr. Gul Ahmed Jokhio

| AUTHORS | AFFILIATION | TOPIC TITLE |
|---|--|--|
| Charif Rania Sriti Fatima Zohra | University of Biskra | SYNTHESIS AND CHARACTERIZATION OF A K ₂ NiF ₄ STRUCTURAL MATERIAL |
| Rabiat Unekwu Hamzah Musa Bola Busari Rahinat Garba Hafsah Mustapha and Shem Yisa | Federal University of Technology | EFFECTS OF PTEROCARPUS MILDBRAEDII EXTRACTS ON SOME BIOCHEMICAL PARAMETERS IN LEAD AND CADMIUM CHLORIDE-INDUCED TOXICITY IN RATS |
| Ramzi EL IDRISSE Abdelkadir BACHA Fatima LMAI | Hassan II University | SELECTIVE HARMONIC ELIMINATION TECHNIQUE IN A SINGLE-PHASE UNIPOLAR H-BRIDGE INVERTER |
| Hayat EL HAMMI Loubna JABIR Mohammed NOR Omar AZOUGAGH SoumyaESSAYEH Soufian EL BARKANY Mohamed ABOU-SALAMA | Mohamed 1st University | MODIFICATION OF CELLULOSE BY GREEN WILLIAMSON HYDROPHOBIZATION: SYNTHESIS, CHARACTERIZATION AND APPLICATION |
| Bello, R. M. Shua'eb, A. I. Ndatsu, A. Masalachi, U. M. Koroka, M. U. S. | Federal University of Technology | PERCEPTION OF PEER-TUTORING PEDAGOGICAL APPROACH AMONG UNDERGRADUATE STUDENTS OF FEDERAL UNIVERSITY OF TECHNOLOGY, MINNA |
| Maria Taj Muhammad Nasir Uddin Khan | University of Karachi Jinnah University for women | CLEAN AND GREEN ENVIRONMENT BY USING NATURAL SURFACTANTS WITH BETTER SURFACTANT PROPERTIES THAN SYNTHETIC ONES |
| Loubna Jabir Hayat El Hammi Omar Azougagh Soufian El Barkany | Mohamed 1st University | TOWARD NA-ION BATTERIES- SYNTHESIS AND CHARACTERIZATION OF A NOVEL HIGH CAPACITY NA ION INTERCALATION MATERIAL |
| Ait Hamou Ouhesseine Rabab Alami Lamiae Berkani Mohamed | Sultan Moulay Slimane University | COMPARISON OF ANTIBACTERIAL ACTIVITY IN VEGETABLE OILS |
| MAJEKODUNMI RACHEAL ADEDAYO TITILAYO ELIZABETH ADESOKAN | Kwara State University | ISOLATION AND CHARACTERIZATION OF BACTERIAL CONTAMINANTS FROM ZOBO DRINK SOLD AT KWARA STATE UNIVERSITY CAMPUS, MALETE |



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HEAD OF SESSION: Assist. Prof. Ramireddy Sushmitha

| AUTHORS | AFFILIATION | TOPIC TITLE |
|--|--|---|
| Prof. Dr. Mehmet KARACA Prof. Dr. Ayse Gul INCE | Akdeniz University | MICROSATELLITE CONTENTS OF LONG NON-CODING RNAs IN GOSSYPIUM HIRSUTUM L. |
| Prof. Dr. Mehmet KARACA Prof. Dr. Ayse Gul INCE | Akdeniz University | GRAFTING RESPONSES OF SMALL NUCLEOLAR RNAs IN HOMOGRAFTED GOSSYPIUM HIRSUTUM L. |
| Assoc. Prof. Dr. Hasan ÖZ | Isparta University of Applied Sciences | BROCCOLI (<i>Brassica oleracea</i> var. <i>italica</i>) CULTIVATION WITH DIFFERENT MULCH TREATMENTS IN GREENHOUSE UNDER WINTER CONDITIONS |
| Leake Belay Emiru Birhane Amanuel Zenebe Askal Weldu Stella Nwawulu Chiemela Negasi Solomon | Mekelle University | RESEARCH TOPIC: EFFECTS OF STONE MINING ON WOODY PLANT SPECIES DIVERSITY AND SELECTED SOIL PROPERTIES IN ETHIOPIA |
| Saiqa Andleeb Irsa Shafique Farrukh Nasim | University of Azad Jammu and Kashmir | VERMICOMPOST: SUSTAINABLE AND ECO-FRIENDLY ORGANIC FERTILIZER FOR CROPS IMPROVEMENTS IN AZAD KASHMIR, PAKISTAN |
| Sowmya Sridhar | R.M.K Engineering College | MEMA -MEDICAL EMERGENCY AND MANAGEMENT APPLICATION |
| Assist. Prof. Ramireddy Sushmitha Assist. Prof. S.V Garata Reddy Assoc. Prof. E. Sanjeeva Rayudu | G. Pulla Reddy Engineering College | COMPARISON OF THE ENGINEERING PROPERTIES OF DGB MIXES WITH COAL ASH USING NATURAL FIBERS |
| Assist. Prof. Dr. Ramireddy Sushmitha | G. Pulla Reddy Engineering College | A STUDY ON ENGINEERING PROPERTIES OF DENSE GRADE BITUMINOUS MIXES WITH COAL ASH BY USING NATURAL FIBER |
| Subhashish Dey | Gudlavalleru Engineering College | E-WASTE MANAGEMENT FOR CONTROLLING THE ENVIRONMENT AND HUMAN HEALTH DEGRADATION IN INDIA |



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HEAD OF SESSION: Prof. Pooja Wadhawan

| AUTHORS | AFFILIATION | TOPIC TITLE |
|---|--|--|
| Prof. Pooja Wadhawan Alhjit Kaur Malhotra Avneet Kaur Tanisha Tiwari | University of Delhi | WOMEN IN WORKFORCE: TURKEY & INDIA |
| Prof. Pooja Wadhawan Dr. Hemlata Krishnani Dr. Charanjeet Kaur | University of Delhi | CREATING A SOCIAL ECOSYSTEM FOR STRENGTHENING SELF-WORTH OF WOMEN |
| Prof. Garima Kumar | University of Delhi | EXPERIENCES OF EMOTIONAL LABOUR IN THE SERVICE INDUSTRY: SOME REFLECTIONS |
| Alide Zeynalova | Azerbaijan National Academy | ETHICAL CONSIDERATIONS OF USING AI IN EDUCATIONAL ASSESSMENTS |
| Nazmul Hossain Syod Ahsanul Islam Ashik Sahariya Afroje | PEOPLES' FRIENDSHIP UNIVERSITY OF RUSSIA | INFLUENCE OF SOCIAL MEDIA IN THE PRACTICE OF JOURNALISM IN BANGLADESH |
| Simge GÜNEŞER Pınar ŞAŞMAZ KAVAS | Girne American University | NATURE-INSPIRED STRUCTURES: THE ECOLOGICAL DESIGN POTENTIAL, POWER OF COMMUNICATION, AND MARKETING APPROACHES OF BIOMIMETIC ARCHITECTURE |
| Simge GÜNEŞER Pınar ŞAŞMAZ KAVAS | Girne American University | SUSTAINABLE MEDIA PRODUCTION: GREEN ENERGY, DIGITAL CARBON FOOTPRINT, AND SUSTAINABLE COMMUNICATION STRATEGIES |
| Assist. Prof. Tinatin Tcharkhalashvili | Georgian Technical University | SOCIAL-EMOTIONAL DEVELOPMENT IN A STRESSFUL ENVIRONMENT |



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HEAD OF SESSION: Prof. Daljit Kaur & Prof. Pooja Jaggi

| AUTHORS | AFFILIATION | TOPIC TITLE |
|--|---------------------------------|--|
| Muskan Supriya Guchhait Daljit Kaur | University of Delhi | RANI CHENNAMMA: "THE MORNING STAR" OF INDIA'S FREEDOM STRUGGLE |
| Bhoomika Bhandari Kulwinder Kaur Daljit Kaur | University of Delhi | ARCHITECTURAL MARVELS: GOLDEN TEMPLE, AMRITSAR AND BRIHADESHWARA TEMPLE, TAMIL NADU (A COMPARATIVE STUDY) |
| Jigyasa Singh Assist. Prof. Dr. Dipika | University of Delhi | A COMPARATIVE STUDY OF WELL BEING, MINDFULNESS, ANXIETY AND CREATIVITY IN ASMR USERS AND NON-USERS |
| NATASHA MEHTA SAANVI DHAR DR. JYOTI GUPTA | University of Delhi | TO UNDERSTAND THE RELATIONSHIP OF WORKING AND NON-WORKING MOTHER'S ON A CHILD'S SELF-ESTEEM AND AGGRESSION |
| Jagrati Suneja Hema Gupta Dr. Archana Verma | University of Delhi | NARCOTIC USAGE AMONG STUDENTS: A CASE STUDY |
| Aishah H.O. Al Shehhi Assoc. Prof. Dr. Gul Ahmed Jokhio | The British University in Dubai | THE ENVIRONMENTAL AND ECONOMIC IMPACTS OF THE USE OF RECYCLED ASPHALT DURING THE PREVENTIVE MAINTENANCE OF ROADWAYS IN THE UAE |
| Sonia Aneja | University of Delhi | MEASURING CHAOS AND COMPLEXITY IN EPIDEMIC MODELS |
| Soraya Harding Mo Adda Loretta Dumebi Ibe | University of Portsmouth | EMPLOYING BLOCKCHAIN TECHNOLOGY TO COUNTER IOT DIGITAL FORENSICS CHALLENGES |
| Dr. Gülçin GÜREL GÜNAL | Ege University | COMPARATIVE ANALYSIS OF MARKET ENTRY IN THE MANUFACTURING INDUSTRY: SMALL-MEDIUM-LARGE SCALE ENTERPRISES |

THE EFFECT OF BETA SILICON NITRIDE PARTICLES ON THE HARDNESS OF AZ91D MAGNESIUM ALLOY**Aslı OĞUZHAN**

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Abstract

There is a huge demand for lightweight composite materials with good strength-to-weight ratios as well as high hardness and fracture resistance in advanced technological applications. Magnesium-based alloys are a great option for composite matrix preparation due to their lightweight. AZ91 Mg-based composites stand out among the numerous types of magnesium matrix composites due to their amazing features, such as good damping capacity, superior weldability, and low density. However, the hardness of the AZ91D Mg alloy is low and needs improvement. Silicon nitride is a desirable reinforcement phase for metal matrix composites due to its exceptional properties such as high hardness (15-20 GPa), low density (3.19 g/cm³), high elastic modulus (320 GPa), high fracture toughness (5-10 MPam^{1/2}) and so on. For this reason, in this study, composites were produced by adding β -Si₃N₄ particles with an average particle size of 10 μ m in different amounts (0.5, 1, 2 wt%) to improve the hardness of AZ91 alloys. β -Si₃N₄-reinforced Mg matrix composites were produced in an induction melting furnace using SF₆ and CO₂ gas under a controlled atmosphere using a SiC crucible. Brinell hardness (HB) values of the manufactured composites were determined using test conditions of 31.25/2.5/30. Each test sample was subjected to 10 measurements in order to get acceptable results. The highest and minimum values were then eliminated, and the average of the remaining 8 readings was accepted as the result. As a result of the studies, it was shown that the hardness values rose proportionately with the addition of Si₃N₄. While the hardness value of AZ91 alloy was 63.38, with the addition of 0.5% Si₃N₄ particles, the hardness value improved to 65.63, 67.13 with the addition of 1%Si₃N₄ and 69.88 Brinell hardness with the addition of 2% Si₃N₄.

Keywords: AZ91 Mg- based composite, Si₃N₄ reinforcement, Hardness

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