

**"INTERNATIONAL CONFERENCE ON MATERIAL SCIENCE, SMART
STRUCTURES AND APPLICATIONS (ICMSS 2019)"**

Conference Date: November 21-11- 2019

PROGRAM SCHEDULE

DAY - I 21.11.2019

- 07.45am-4.30pm-Registration
- 08.45am-09.15 am-Inauguration
- 09.15am-10.15 am-Keynote
Address
- 10.15am-10.45 am-Tea Break
- 10.30am-12.30 pm-Session I
- 12.30pm-02.00 pm-Lunch Break
- 01.30pm-03.30 pm-Session II
- 03.15pm-04.15 pm-Tea Break
- 03.45pm-06.00 pm-Session III

Presentation Time: 15 Minutes

Presentation Format: Power Point Presentation (PPT)

Session-I || Parallel Session -I
November 21 2019|| 10.30am-12.30 pm

TIME	TITLE/AUTHOR NAME
10.30 TO 10.45 AM	ELECTRODEPOSITION OF TIN SELENIDE THIN FILM, A HIGH TEMPERATURE THERMOELECTRIC MATERIAL PINAKI MANDAL, DIPALI BANERJEE, ANUP MONDAL
10.45 TO 11.00AM	EVALUATION OF OPTICAL AND ELECTRICAL PROPERTIES OF TIO ₂ THIN FILMS DOPED CU IONS LAITH RABIH, GHAZWAN GH. ALI , MARWAN H. YOUNUS
11.00 TO 11.15AM	CORN-STARCH /POLYVINYL ALCOHOL BIO-COMPOSITE FILM FOR FOOD PACKAGING APPLICATION NIRLIPTA MALLICK, DHARM PAL,A.B SONI,
11.15 TO 11.30AM	DESIGN AND DEVELOPMENT OF HEAT RECOVERY STEAM GENERATION SYSTEM FOR AUTOMOTIVE ENGINES R. UDAYAKUMAR , R. REEGHESH,C. PERIASAMY, ANEESH BABURAJ,
11.30 TO 11.45AM	APPLICATION OF DESIGN EXPERIMENTS FOR PHOTOCATALYSIS REDUCTION PROCESS-RSM BY CENTRAL COMPOSITE DESIGN
11.45 TO 12.00PM	BOX BEHNKAN DESIGN OF EXPERIMENTS FOR INVESTIGATION PROCESS OF DICOFOL REMOVAL
12.00 TO 12.15PM	DESIGN OF EXPERIMENTS BASED FACTORIAL DESIGN AND USABILITY OF RESPONSE SURFACE METHODOLOGY FOR SAPONIN EXTRACTION FROM TRIBULUS TERRISTRIS
12.15 TO 12.30PM	DATA ANALYTICS TO FIND OUT THE EFFECT OF FIREWORK EMISSIONS ON QUALITY OF AIR: A CASE STUDY DR. R. SUBHASHINI ,B. KEERTHI SAMHITHA, SUJA CHERUKULLAPURATH MANA, JITHINA JOSE

Session-I || Parallel Session -II
November 21 2019|| 10.30am-12.30 pm

TIME	TITLE/AUTHOR NAME
10.30 TO 10.45 AM	ADOPTED OCTAGONAL PHOTONIC CRYSTAL FIBER FOR ANALYTE LIQUIDS SENSING ASST.LECTURER.NOORA HUSSEIN ALI
10.45 TO 11.00AM	THE APPROACH OF TASK SCHEDULING BASED ON THE TWO-STAGE STRATEGY FOR THE ENVIRONMENTAL CLOUD COMPUTING MAZIN MOHAMMED ALWAN
11.15 TO 11.30AM	STOPPING POWER AND RANGE OF PROTON INTERACTION WITH AL ₂ O ₃ , ZRO ₂ AND SIO ₂ SHAIMA M. HADI, DR. BASHAIR M. SAIED
11.30 TO 11.45AM	APPROXIMATE METHOD FOR PHASE CHANGE IN SELF HEALING MATERIALS RAHUL BASU

Session-II || Parallel Session -I
November 21 2019|| 1.30pm-3.30 pm

TIME	TITLE/AUTHOR NAME
1.30 TO 1.45 PM	ROLE OF SMART SENSING TECHNOLOGIES IN CIVIL STRUCTURES JAISHREE DAMODHARAN
1.45 TO 2.00PM	IOT BASED RETURN PART ANALYSIS FOR AUTOMOTIVE EXHAUST GAS SENSOR SRINIDHI R, BINDUSHREE D V
2.00 TO 2.15PM	FREE AND FORCED VIBRATION OF COMPOSITE PLATES WITH AND WITHOUT PZT LAYER FOR VARIOUS FIBRE ORIENTATIONS VIJAYA RAGHAVAN. S, PRIYADHARSHINI. S, GOKUL RAJ. G, VINU M KURIAKOSE, V. M. SREEHARI,
2.15 TO 2.30PM	HYGRO THERMAL VIBRATION CHARACTERISTICS OF AN AXISYMMERIC PIEZO ELECTRIC FUNCTIONALLY GRADED ROD R.SELVAMANI, J.POONGKOTHAI,
2.30 TO 2.45PM	THERMO ELECTRO ENVIRONMENT EFFECTS IN A DISPERSION OF FUNCTIONALLY GRADED THERMO PIEZO ELECTRIC ROD COUPLED WITH INVISCID FLUID J.POONGKOTHAI, R.SELVAMANI,
2.45 TO 3.00PM	RECENT ADVANCES IN CU ₂ ZNSNS ₄ THIN FILMS AND ITS ENHANCED BY SPRAY PYROLYSIS TECHNIQUE FOR SOLAR CELL TENDERS RANJITH RAJASEKAR J., SENTHILKUMAR M. , SHANMUGAN S,RAMACHANDRA RAJA C,DHANASEKARAN D.
3.00 TO 3.15PM	OPTIMIZATION OF BITUMEN CONTENT USING MARBLE POWDER AND BRICK POWDER AS FILLER MATERIAL BABITHA RANI H, KHAIR UL FAISAL WANI, RAHUL MAHADEV KESARKAR
3.15 TO 3.30PM	APPROXIMATE METHOD FOR PHASE CHANGE IN SELF HEALING MATERIALS RAHUL BASU

Session-II || Parallel Session -II
November 21 2019|| 1.30pm-3.30 pm

TIME	TITLE/AUTHOR NAME
1.45 TO 2.00PM	STUDY OF THE MAGNETIC PROPERTIES OF THE SPINEL FERRITE NiZnFe ₂ O ₄ DEPOSITED ON GLASS BY USING PULSE LASER ABLATION METHOD TAHA H. LAZEM, KADHİM J. KADHİM, ATHEER I. A
2.00 TO 2.15PM	OPTIMIZATION OF PLASMA CUTTING PARAMETERS ON HAZ AND BEVEL ANGLE FOR LOW CARBON STEEL USING RESPONSE SURFACE METHODOLOGY VIAN.N. NAJM 1, SAMI ABBAS H.
2.15 TO 2.30PM	IMPROVING WORKING LIFE OF AUTOMOBILE WATER PUMP SHAFT BY HARD MATERIAL ZAINAB HUSSEIN MOHSEIN , DIANA ABED ALKAREEM NOORI KATTAB,
2.30 TO 2.45PM	THE FEKETE-SZEGOˆPROBLEM FOR CERTAIN SUBCLASSES OF P-VALENT FUNCTIONS ASSOCIATED WITH QUASI-SUBORDINATION INVOLVING THE FUNCTION K_{Δ} MOHAMMED H. SALOOMI,, ENAAM HADI ABD, REYADH.D.ALI
2.45 TO 3.00PM	STUDYING THE EFFECT OF CUTTING PARAMETERS ROTATION SPEED AND FEED RATE ON THE MECHANICAL PROPERTIES FOR FRICTION STIR WELDING AREA BETWEEN TWO ALUMINUM ALLOYS DIANA ABED ALKAREEM NOORI KATTAB
3.00 TO 3.15PM	CNT BASED ELECTRODES (WEARABLE & TEXTILE-BASED) FOR CARDIAC MONITORING IN LONG TERM & CONTINUOUS FASHION MALTI BANSAL, BANI GANDHI
3.15 TO 3.30PM	ANALYSIS OF PROPELLANT TANK MADE OF DIFFERENT TYPES OF COMPOSITES KRISHNA VAMSI B, VINU M KURIAKOSE, SREEHARI V M,

Session-III || Parallel Session -I
November 21 2019|| 1.30pm-3.30 pm

TIME	TITLE/AUTHOR NAME
3.45 TO 4.00 PM	EFFECT OF TIO ₂ AND ZRO ₂ NANO ADDITIVES IN DI DIESEL ENGINE TO ANALYSE PERFORMANCE AND EMISSION CHARACTERISTICS BY USING WHEAT GERM OIL BLENDED WITH DIESEL J.SENTHIL KUMAR,B.R.RAMESH BAPU
4.00 TO 4.15 PM	EFFECT OF LASER IRRADIATION ON AG3.54IN10.62SB49.56TE36.28 C. RANGASAMIA, K. V. GUNAVATHY
4.15 TO 4.30PM	MODELING OF DEFECT-DEPENDENT SELF-HEATING EFFECT IN ALGAN/GAN HEMT” L. ARIVAZHAGAN, D. NIRMAL, D. GODFREY, J. S. RAJKUMAR, S. BHAGYA LAKSHMI,J. AJAYAN,
4.30 TO 4.45PM	OPTIMIZATION OF PASSIVATION MATERIAL FOR ALGAN/GAN HEMT ARIVAZHAGAN,D. NIRMAL,J AJAYAN,D GODFREY,S BHAGYA LAKSHMI
4.45 TO 5.00PM	A-N-DERIVATIONS IN PRIME NEAR – RINGS ENAAM FARHAN ADHAB
5.00 TO 5.15PM	EFFECTIVE NUMBER OF ELECTRONS AND IONIZATION POTENTIAL OF ORGANIC AND INORGANIC COMPOUNDS OF SWIFT PROTON ALYAA A. HASAN, KHALID A. AHMED, BAIDA M. AHMED
5.15 TO 5.30PM	COMMON FIXED POINTS AND S-BEST COAPPROXIMATION IN 2-BANACH SPACES REYADH DELFI ALI, ALI MUSADDAK DELPHI
5.45 TO 6.00PM	SPECTROSCOPIC CHARACTERISTICS AND ENERGY TRANSFER OF BACTERIAL PIGMENT: (PYOCYANIN / CURCUMIN) ALI KADHIM WADDAY, ZEYAD A. SALEH, MOHAMMED FRAJ AL-MARJANI

Session-III || Parallel Session -II
November 21 2019|| 1.30pm-3.30 pm

TIME	TITLE/AUTHOR NAME
3.45 TO 4.00 PM	ANALYSIS OF PROPELLANT TANK MADE OF DIFFERENT TYPES OF COMPOSITES KRISHNA VAMSI B, VINU M KURIAKOSE, SREEHARI V M,
4.00 TO 4.15 PM	ENHANCEMENT OF DRAIN CURRENT IN ALGAN/GAN HEMT USING ALN PASSIVATION ARIVAZHAGAN L, D. NIRMAL, J.AJAYAN, D GODFREY, J.S.RAJKUMAR, S.BHAGYA LAKSHMI,
4.15 TO 4.30PM	MODELING OF SELF-HEATING FOR ALGAN/GAN HEMT WITH THERMAL CONDUCTIVITY DEGRADATION EFFECT ARIVAZHAGAN L, B), D. NIRMAL, A), J.AJAYAN, C), D GODFREY, J.S.RAKKUMAR, S BHAGYA LAKSHMI,