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**INTERNATIONAL CONFERENCE ON TRENDS IN MATERIAL SCIENCE AND  
INVENTIVE MATERIALS (ICTMIM 2019)**

**28-29 March, 2019**

**Accepted and Registered Papers**

**PROGRAM SCHEDULE**

**28<sup>th</sup> March 2019**

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**8.00am-12.00pm-Registration**

**08.45am-09.15 am-Inauguration**

**09.15am-10.15 am-Keynote Address – 1**

**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**

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**Session-I – Parallel Session -I**

**28<sup>th</sup> March 2019 | 10.30am-12.30 pm**

S.NO	TITTLE	TIME SLOT
1	<i>DEVELOPMENT OF INTEGRATED PHOTO-CATALYST ADSORBENT (IPCA) FOR SIMULTANEOUS CAPTURE AND CONVERSION OF CO2 TO METHANOL TRANSFORMATION OF CO2 TO VALUE ADDED PRODUCT SANKHA CHAKRABORTTY, BISWAJIT RUJ, PARIMAL PAL, JAYATO NAYAK</i>	10.30 TO 10.45 AM
2	<i>CHARACTERIZATION OF MAGNETIC FIELD FOR A MR FLUID USING SIMULATION AND EXPERIMENTAL APPROACH DR. VIVEK SHARMA</i>	10.45 TO 11.00AM
3	<i>EFFECT OF THE HEAT TREATMENT ON PROPERTIES OF THE ALLOY (NI-CU-V) NANOPARTICLES PREPARED BY POWDERS TECHNOLOGY OMAR F. ABDULLAH, GHAZWAN G. ALI, TAHSEEN A. ASWAD</i>	11.00 TO 11.15AM
4	<i>FIRST PRINCIPLES STUDY OF CDSIAs 2 SEMICONDUCTOR COMPOUND: BULK, (100) AND (001) SURFACES KUMAVAT SONI , N. LAKSHMI, RAKESH JAIN, AARTI RANI CHANDRA</i>	11.15 TO 11.30AM
5	<i>A REVIEW ON VARIOUS ASPECTS OF AUXETIC MATERIALS SUSMITA NAIK, R. D. DANDAGWHAL</i>	11.30 TO 11.45AM
6	<i>IMPACT OF RARE EARTH (DY AND YB) IONS DOPING ON MAGNETIC AND OPTICAL PROPERTIES OF ZNO NANOPARTICLES T THANGEESWARI, G PARTHIPAN, S GOWTHAM</i>	11.45 TO 12.00PM
7	<i>THE SHAPE OF THE HIGGS FIELD RESEMBLES THE SHAPE OF THE GRAVITATIONAL FIELD. WAVE PROPAGATION LOOKS WAVY RESEMBLES A SINE WAVE BECAUSE OF HIGGS FIELD PRASENJIT DEBNATH</i>	12.00 TO 12.15PM
8	<i>COMPARATIVE STUDY OF FLOW CHARACTERISTICS IN UNIFORMLY VARYING MICROCHANNEL FOR DI WATER AND NANOFUID JYOTI PANDEY, MOHD. ZAHID ANSARI, AFZAL HUSAIN</i>	12.15 TO 12.30PM

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**Session-I – Parallel Session -II**

**28<sup>th</sup> March 2019 | 10.30am-12.30 pm**

<b>S.NO</b>	<b>TITLE</b>	<b>TIME SLOT</b>
1	<i>CLEAN COAL TECHNOLOGY USING SOFT SENSORS FOR MONITORING SO<sub>2</sub> EMISSIONS IN SMART POWER PLANTS K. SUJATHA<sup>1</sup>, G. INDIRA PRIYADARHINI<sup>1A</sup>, G. JHANSI<sup>1A</sup>, NALLAMILLI.P.G BHAVANI<sup>1B</sup> N. JAYACHITRA<sup>1B</sup>, V. KARTHIKEYAN<sup>1C</sup>, K.S. RAMKUMAR<sup>2A</sup> AND K.S. NAVEEN KUMAR<sup>2B</sup></i>	10.30 TO 10.45 AM
2	<i>A REVIEW OF INGAN/GAN BASED BLUE LEDS FOR HIGH EFFICIENCIES AND OUTPUT POWER MANIKANDAN M<sup>1</sup>, NIRMAL D<sup>2</sup>, ARIVAZHAGAN<sup>3</sup>, AJAYAN J<sup>4</sup></i>	10.45 TO 11.00AM
3	<i>LASER PROCESSED MICRO-GROOVE BASED BLACK SI P. SATHAPATHY, P. CHANDRAKANTA SINGH, PRATAP KUMAR SAHOO, RITWICK, DAS, UDAI P. SINGH, SUSANTA KUMAR DAS</i>	11.00 TO 11.15AM
4	<i>CHITOSAN COMPOSITE NANO DRESS FOR WOUND HEALING: A REVIEW R. MALA, M. JANSI RANI, N. HARI PRASATH, A.S.RUBY CELSIA</i>	11.15 TO 11.30AM
5	<i>NANO COMPOSITE MATERIAL OF CHITOSAN FOR WOUND HEALING: A REVIEW R. MALA, M. JANSI RANI, N. HARI PRASATH, A.S. RUBY CELSIA</i>	11.30 TO 11.45AM
6	<i>A REVIEW ON NANO MATERIAL BASED DRUG DELIVERY FOR BURN INJURY R. MALA, M. JANSI RANI, N. HARI PRASATH, A.S.RUBY CELSIA</i>	11.45 TO 12.00PM
7	<i>MICROSTRUCTURAL EXAMINATION OF BAGASSE ASH REINFORCED WASTE ALUMINIUM ALLOY MATRIX COMPOSITE AJINKYA KAMBLE, S. G. KULKARNI</i>	12.00 TO 12.15PM
8	<i>EFFECT OF HYBRID ASH REINFORCEMENT ON MICROSTRUCTURE OF A356 ALLOY MATRIX COMPOSITE SHREEKANT JADHAV, ATUL ARADHYE, SWANAND KULKARNI, YOGESH SHINDE, VIJAY VAISHAMPAYAN</i>	12.15 TO 12.30PM

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**Session-II – Parallel Session -I**

**28<sup>th</sup> March, 2019 | 1.30am-3.30 pm**

<b>S.NO</b>	<b>TITLE</b>	<b>TIME SLOT</b>
1	<i>EVOLUTION &amp; REVOLUTION OF 3D PRINTING IN INDIA – DESIGN AND SYNTHESIS ANALYSIS ASPECTS ON PRODUCT MATERIAL SELECTION</i> PANKAJ ARYA, SHUBHAM MAVI, MR. AJAY KUMAR AGARWAL	1.30 TO 1.45 AM
2	<i>SPACE-TIME GETS REVERSED ONLY FOR FERMIONS WHERE AS SPACE-TIME IS IDENTICAL FOR BOSONS</i> PRASENJIT DEBNATH	1.45 TO 2.00AM
3	<i>"DESIGN AND ANALYSIS OF SUB/CB NANOCOMPOSITE POLYMER 3-D TACTILE SENSOR"</i> KRISHNANAND, MOHD. ZAHID ANSARI	2.00 TO 2.15AM
4	<i>"DESIGN AND ANALYSIS OF LOW PRESSURE POLYMER NANOCOMPOSITE PIEZORESISTIVE SENSOR"</i> PRABHAT RANJANA, MOHD. ZAHID ANSARI	2.15 TO 2.30AM
5	<i>A FIRST-ORDER CALCULATION OF PERFORMANCE OF PEROVSKITE/SI TANDEM SOLAR CELLS</i> SUMANSHU AGARWAL, ARUN AGARWAL, KABITA AGARWAL	2.30 TO 2.45AM
6	<i>A STUDY ON TOXIC REDUCTION OF URBAN HEAT ISLAND EFFECT BY PURIFYING ATMOSPHERE</i> DR.BABITHA RANI H, DR.Y.R NAGARAJA, THOLETI SATISH KUMAR	2.45 TO 3.00PM
7	<i>SYNTHESIS AND OPTICAL STUDIES OF POLYANILINE/REDUCED GRAPHENE OXIDE (PANI/RGO) NANOCOMPOSITES</i> AJAY KUMAR SHARMA, PRAVEEN KUMAR JAIN, RISHI VYAS, VIPIN KUMAR JAIN	3.00 TO 3.15PM
8	<i>GREEN SYNTHESIS OF CEO2 NANOSTRUCTURES BY USING MORUS NIGRA FRUIT EXTRACT AND ITS ANTIDIABETIC ACTIVITY</i> ANGEL ROSE RAJAN, ANISH RAJAN, ANNAMMA JOHN, DAIZY PHILIP	3.15 TO 3.30PM

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**Session-II – Parallel Session –II**

**28<sup>th</sup> March, 2019 | 1.30am-3.30 pm**

S.NO	TITTLE	TIME SLOT
1	<i>GROWTH TEMPERATURE INFLUENCED MATERIAL AND ELECTRICAL PROPERTIES COPPER- OXIDE THIN FILMS SATHISH , HABIBUDDIN SHAIK, SHAIKMAHAMMADRAFI, MADHAVI P, YELLARESWARA RAO KOSURI, SHEIK ABDUL SATTAR , K NAVEEN KUMAR</i>	1.30 TO 1.45 AM
2	<i>ANALYSIS OF SILVER OAK WOODEN-MS COMPOSITE SUPPORT USED IN GRASS HOPPER IN SUGAR MILL A A MALI, R T VYAVAHARE</i>	1.45 TO 2.00AM
3	<i>CARBON NANOFIBER BASED EPOXY NANO COMPOSITES- AN INNOVATIVE MATERIAL FOR ELECTROMAGNETIC SHIELDING TANIKONDA NISHANTH KUMAR, LEKSHMI MOHAN, DR. SUNITHA KARAKKAD</i>	2.00 TO 2.15AM
4	<i>A NOVEL MATERIAL FOR EMI SHIELDING BASED ON CARBON NANO MATERIALS MOUNIKA SETTY , LEKSHMI MOHAN, SUNITHA KARAKKAD</i>	2.15 TO 2.30AM
5	<i>THE CHARACTERISTICS STUDY OF HVOF COATED AZ91D MAGNESIUM ALLOY WITH SILICON CARBIDE AND STAINLESS STEEL RAHUL V RAJ,RAHULAN N, RAHUL S UNNITHAN, G ROHIT KRISHNAN</i>	2.30 TO 2.45AM
6	<i>CONJUGATE HEAT TRANSFER DUE TO PARTIAL ISOTHERMAL HEATING AT CENTER OF ANNULS WITH TWO SOLIDS IN POROUS ANNULUS N. AMEER AHAMAD, MAUGHAL AHMED ALI BAIG, SALMAN AHMED N J , SARFARAZ KAMANGAR, T.M.YUNUS KHAN, IRFAN ANJUM BADRUDDIN</i>	2.45 TO 3.00PM
7	<i>PARTIAL HEATING AT LOWER SECTION OF ANNULUS SUBJECTED TO CONJUGATE HEAT TRANSFER IN POROUS ANNULUS AZEEM, MAUGHAL AHMED ALI BAIG , H.M.T. KHALEED , SARFARAZ KAMANGAR , IRFAN ANJUM BADRUDDIN</i>	3.00 TO 3.15PM
8	<i>PARTIAL HEATING AT UPPER SECTION OF ANNULUS SUBJECTED TO CONJUGATE HEAT TRANSFER IN POROUS ANNULUS N. AMEER AHAMAD , MAUGHAL AHMED ALI BAIG , SALMAN AHMED N J, SARFARAZ KAMANGAR , T.M.YUNUS KHAN, IRFAN ANJUM BADRUDDIN</i>	3.15 TO 3.30PM

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**Session-III – Parallel Session -I**

**28<sup>th</sup> March 2019 | 3.45 pm-06.00 pm**

S.NO	TITTLE	TIME SLOT
1	<i>EFFECT OF VARIATION IN RECYCLED E-WASTE REINFORCEMENT ON MECHANICAL BEHAVIOUR OF POLYMER MATRIX COMPOSITES SWAPNA VASEKAR, SWANAND KULKARNI, VIJAY VAISHAMPAYAN</i>	3.45 To 4.00 PM
2	<i>COMPARATIVE STUDY OF FLOW CHARACTERISTICS IN UNIFORMLY VARYING MICROCHANNEL FOR DI WATER AND NANOFLUID JYOTI PANDEY, MOHD. ZAHID ANSARI, AFZAL HUSAIN</i>	4.00 To 4.15 PM
3	<i>DESIGN AND ANALYSIS OF SU8/CB NANOCOMPOSITE POLYMER 3-D TACTILE SENSOR KRISHNANAND, MOHD. ZAHID ANSARI</i>	4.15 PM To 4.30 PM
4	<i>DESIGN AND ANALYSIS OF LOW PRESSURE POLYMER NANOCOMPOSITE PIEZORESISTIVE SENSOR PRABHAT RANJAN, MOHD. ZAHID ANSARI</i>	4.30 PM To 4.45 pm
5	<i>CONJUGATE HEAT TRANSFER DUE TO PARTIAL ISOTHERMAL HEATING AT CENTER OF ANNULS WITH TWO SOLIDS IN POROUS ANNULUS: PART II H.M.T. KHALEED , N. AMEER AHAMAD, SALMAN AHMED N J, MAUGHAL AHMED ALI BAIG</i>	4.45 PM TO 5.00 PM

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