

INTERNATIONAL CONFERENCE ON TRENDS IN MATERIAL SCIENCE AND INVENTIVE MATERIALS (ICTMIM 2020)

Conference Date: 9-10, April 2020

Accepted and Register Authors Details

PROGRAM SCHEDULE

CONFERENCE DAY 1

(9Th April 2020)

08.00am-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-05.00 pm-Session III

CONFERENCE DAY 2

(10Th April 2020)

08.00am- 04.30 pm-Registration
09.30am-11.30 am-Session IV
11.15am-11.45am-Tea Break
11.30am- 01.30pm-Session V
12.30 pm-02.00 pm-Lunch break
01.45 pm -03.45 pm-Session VI
03.15 pm-04.15 pm-Tea Break
4.00 pm-6.00 pm-Session VII
**6.00 pm-7.00 pm-valedictory
function**

Presentation Time: 15 Minutes

Presentation Format: Power Point Presentation (PPT)

Session-I || Parallel Session-I
April 9TH 2020|| 10.30am-12.30 pm

| TIME | TITLE/AUTHOR NAME |
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| 10.30 TO 10.45 AM | DESIGN AND STRUCTURAL ANALYSIS OF BRAKE DISC BY VARYING BRAKE PRESSURE SHAIK HIMAM SAHEB |
| 10.45 TO 11.00AM | ON EFFECT OF WORK REDUCING IN TECHNOLOGICAL PROBLEMS ABIROV RUSTAM |
| 11.00 TO 11.15AM | TOWARDS A THEORY OF DIRECTIONAL SOLIDIFICATION IN THE PRESENCE OF A TWO-PHASE ZONE WITH INTENSE CONVECTION IN A LIQUID LAYER DMITRI V. ALEXANDROV, NIKITA K. GOLTYAKOV, ALEXANDER A. IVANOV |
| 11.15 TO 11.30AM | NANO CRYSTALLINE SIZE MAKING AND CHARACTERIZATION OF (1- X)BAZR0.2TI0.8O3 – (X)BA0.7CA0.3TIO3(BARIUM ZIRCONIUM TITANATE- BARIUM CALCIUM TITANATE) USING SOFT-CHEMICAL WITH ANALYSIS. VIJAY KUMAR , DR. ANAL K. JHA |
| 11.30 TO 11.45AM | THE EFFECT OF NONLINEAR GROWTH RATES OF CRYSTALS ON THE EVOLUTION OF PARTICULATE ENSEMBLES IN BINARY LIQUIDS EUGENYA V. MAKOVEEVA |
| 11.45 TO 12.00PM | MODIFIED HYBRID PROJECTIVE SYNCHRONIZATION OF TWO FRACTIONAL ORDER COMPLEX CHAOTIC SYSTEMS WITH TIME DELAYS JESU NICHOLAS GEORGE, RAJENDRAN SELVAMANI, QUANXIN ZHU, |
| 12.00 TO 12.15PM | POLY (RIBOFLAVIN) MODIFIED PENCIL GRAPHITE FOR THE SIMULTANEOUS ELECTROCHEMICAL DETERMINATION OF SEROTONIN AND DOPAMINE RAJASREE G KRISHNAN, BEENA SARASWATHYAMMA, ANJANA RAJ T, GOPIKA M G |
| 12.15 TO 12.30 PM | INVESTIGATION ON SYNTHESIS, SPECTRAL, MECHANICAL AND THIRD-ORDER NONLINEAR OPTICAL STUDIES OF NOVEL ORGANIC CRYSTAL: BIS CREATININIUM OXALATE A.THIRUGNANAM, V. THAYANITHI,P. PRAVEEN KUMAR |

Session-II || Parallel Session-I
April 9TH 2020|| 1.30pm-3.30 pm

| TIME | TITLE/AUTHOR NAME |
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| 1.30 TO 1.45 PM | SYNTHESIS, OPTICAL AND MECHANICAL CHARACTERIZATION OF BIS L-VALINE SELENATE NLO SINGLE CRYSTAL A.THIRUGNANAM,P. PRAVEEN KUMAR |
| 1.45 TO 2.00PM | MEASUREMENT OF RESIDUAL STRAINS IN FRP LAMINATES SOORAJ K. PRABHA, SHINS K.,PRAVEEN A. P. |
| 2.00 TO 2.15PM | FABRICATION OF VARIABLE SPEED LAMINA CUTTING MACHINE GAJAVALLI VENKATA PAVAN GOPI NIKHIL , NADENDLA SRINIVASABABU |
| 2.15 TO 2.30PM | EFFECT OF TRIVALENT IONS CONTAINING LAYERED HYDROXIDE ACETATE ON THE THERMAL STABILITY AND FLAME RETARDANCY OF POLY (METHYL METHACRYLATE) COMPOSITE DR. PINKI CHAKRABORTY,PROF RAJAMANI NAGARAJAN |
| 2.30 TO 2.45PM | EFFECT OF CONCENTRATION OF ALUMINA NANOPARTICLES ON PERFORMANCE AND EMISSIONS OF BIODIESEL FUELED COMPRESSION IGNITION ENGINE SHASHANK BANSAL, YASH DAGAR, YASH KUMAR SINGH, NAUSHAD A. ANSARI |
| 2.45 TO 3.00PM | MODULATION OF ASTROCYTIC MEMBRANE POTENTIAL USING CITRATE STABILIZED GOLD NANOPARTICLE TO CONTROL BRAIN HYPER- EXCITABILITY MANASH BARTHAKUR, PANKAJ KALITA, SUBRATA MONDAL |
| 3.00 TO 3.15PM | OPTIMIZATION STUDY OF THE EFFECT OF SYNTHESIZED BIODEGRADABLE POLYMER FILMS IN COMPARISON WITH LDPE FILMS ON MUNICIPAL SOLID WASTE BY RESPONSE SURFACE METHODOLOGY DEEPSHIKHA DATTA, SURYA NARAYAN DASH,BIMAL DAS |
| 3.15 TO 3.30PM | EFFECT OF SPEED AND FEED RATE ON DRY AND WET TURNING OF ALUMINUM VINAY SANKAR K M,SOORAJ S,SREEHARI S A, YADURAJ P,N RAHULAN |

Session-III || Parallel Session-I
April 9TH 2020|| 3.45pm-5.00 pm

| TIME | TITLE/AUTHOR NAME |
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| 3.45 TO 4.00 PM | SPATIAL POLLUTION ROSE PATTERN OF SO ₂ IN THE VICINITY OF A TYPICAL THERMAL POWER STATION IN INDIA IYAPPAN.M, KUMARAVEL.B,BHAKIYARAJA.S, PALANIVELRAJA.S, CHOCKALINGAM, M.P |
| 4.00 TO 4.15 PM | CORROSION AND TRIBOLOGICAL BEHAVIOR OF MAGNESIUM METAL MATRIX HYBRID COMPOSITES-A REVIEW RAVIKUMAR SARANU ,RATNAM CHANAMALA, SRINIVASA RAO PUTTI, |
| 4.15 TO 4.30PM | EXPERIMENTAL STUDY ON PARTIAL REPLACEMENT OF CEMENT WITH RICE HUSK ASH IN PAVER BLOCKS R.K.SANGEETHA, S.KARTHI, K.S.MOUNISHBALAJI, K.S.PRAVEENRAJ, M.RAGUNATH |
| 4.30 TO 4.45PM | WEAR CHARACTERISTICS OF MULTI LAYER HARDFACING ALLOYS B.VENKATESH, K.SRIKER , M.ASHOK KUMAR |
| 4.45PM TO 5.00 | TRANSVERSE STRENGTH DETERMINATION OF THE COMPOSITE LAMINATES M. ASHOK KUMAR, B. VENKATESH, T. VIJAY BABU, S. VENUKUMAR |