



M. KUMARASAMY COLLEGE OF ENGINEERING, KARUR.
DEPARTMENT OF SCIENCE & HUMANITIES ENGINEERING
JOURNAL DETAILS OF FACULTY 2013 - 2018

| | AUTHORS NAME | JOURNAL NAME | PAPER TITLE | VOLUME &ISSUE NO | PA G | YEAR |
|----|---|---|---|-----------------------------|-------------|-------------|
| 1. | Ms. A PADMA | NORMAL SPACE IN SOFT IDEAL TOPOLOGY | INTERNATIONAL JOURNAL OF PURE AND APPLIED MATHEMATICS | 118 & 20 | 2011-2017 | 2018 |
| 2 | Mr. G VEERAMALAI Mrs. A ARUN ANGEL PRIYA | ON SOLVING THREE VARIABLES UNCONSTRAINED OPTIMIZATION PROBLEM | INTERNATIONAL JOURNAL OF PURE AND APPLIED MATHEMATICS | 118 & 20 | 2037-2044 | 2018 |
| 3 | Mr. G VEERAMALAI | INTEGER INTERVAL VALUE OF EULER'S METHOD FOR FIRST ORDER ODE | INTERNATIONAL JOURNAL OF PURE AND APPLIED MATHEMATICS | 118 & 20 | 2485-2490 | 2018 |
| 4 | Ms. V MOHANA | OPTIMAL SOLUTION FOR INTEGER INTERVAL | INTERNATIONAL JOURNAL OF PURE AND APPLIED MATHEMATICS | 118 & 20 | 2287-2291 | 2018 |
| 5 | Mr. M DHANAPAL Mr. A ARUL DASS | N-STEP ADAM BASHFORTH METHOD FOR DESCRIBING R.K METHOD FOR SOLVING 2ND ORDER ORDINARY DIFFERENTIAL EQUATION | INTERNATIONAL JOURNAL OF PURE AND APPLIED MATHEMATICS | 118 & 20 | 2097-2103 | 2018 |
| 6 | Mr. A ARUL DASS Mr. M DHANAPAL | INTEGER INTERVAL VALUE OF NEWTON DIVIDED DIFFERENCE AND FORWARD AND BACKWARD | INTERNATIONAL JOURNAL OF PURE AND APPLIED MATHEMATICS | 118 & 20 | 2045-2054 | 2018 |
| 7 | Mrs. A ARUN ANGEL PRIYA Mr. G VEERAMALAI | UNCONSTRAINED OPTIMIZED PROBLEM USING EULER -LAGRANGE'S METHODS FOR INTERVAL ANALYSES | INTERNATIONAL JOURNAL OF PURE AND APPLIED MATHEMATICS | 119 & 15 | 3263-3269 | 2018 |
| 8 | Ms. S GOWRI Dr. S PLANIVEL | A PRODUCTION INVENTORY MODEL WITH DELAYED DETERIORATING ITES WITH QUADARTIC AND PRICE DEPENDENT DEMAND | INTERNATIONAL JOURNAL OF PURE AND APPLIED MATHEMATICS | 119 & 15 | 3271-3283 | 2018 |
| 9 | Dr P RAMESH Dr.K ABDUL RAZAK | FORECASTING ENROLLMENT USING FUZZY TIME SERIES | INTERNATIONAL JOURNAL OF PURE AND APPLIED MATHEMATICS | 119 & 15 | 3309-3314 | 2018 |

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|----|---|--|---|-------------|-----------|------|
| 10 | Mr. A VENKATACHALAM Mr. G VEERAMALAI | INTERVAL VALUED GAUSSIAN QUADRATURE TWO POINT FORMULA FOR SOLVING INTEGRAL | INTERNATIONAL JOURNAL OF PURE AND APPLIED MATHEMATICS | 119 & 15 | 3347-3355 | 2018 |
| 11 | Mr. P BALAMURUGAN Mr. A VENKATACHALAM | A REMARK ON RELATIONSHIP BETWEEN PELL TRIANGLE AND ZECKENDORF TRIANGLE | INTERNATIONAL JOURNAL OF PURE AND APPLIED MATHEMATICS | 119 & 15 | 3357-3364 | 2018 |
| 12 | Mr. P BALAMURUGAN Dr. A.GNANAM | PATTERN CLASSIFICATION OF CONTINUED FRACTIONS WITH TRIANGULAR NUMBER AS BASE | INTERNATIONAL JOURNAL OF PURE AND APPLIED MATHEMATICS | 119 & 15 | 3413-3418 | 2018 |
| 13 | Ms. M SATHYAVATHY Dr P RAMESH Mrs. K CHITIRAKALA | HYDRO MAGNETIC HEAT AND MASS TRANSFER FLOW IN A POROUS PLATE WITH VARYING TEMPERATURE | INDIAN JOURNAL OF SCIENCE AND TECHNOLOGY | 10 & 45 | 4.7 | 2017 |
| 14 | Ms. M SAKTHIPANDIYAMMAL Mrs. A ARUN ANGEL PRIYA | POSITIVE NEGATIVE AND STABLE TOTAL IRREGULARITY OF GRAPHS | INTERNATIONAL JOURNAL OF PURE AND APPLIED MATHEMATICS | 118 & 18 | 3085-3089 | 2018 |
| 15 | Ms. G BHUVANESWARI Dr L GURU PRASAD Ms. N PRABHAVATHI | STRUCTURAL, OPTICAL, THERMAL AND THEORETICAL INVESTIGATIONS ON HIGH EFFICIENCY NLO CRYSTAL: 4-NITROBENZONITRILE | OPTIK | 157 & 2018 | 1078-1086 | 2017 |
| 16 | Ms. K SANGEETHA Dr L GURU PRASAD Ms. R MATHAMMAL | STRUCTURE ELUCIDATION AND PHYSICOCHEMICAL PROPERTIES OF ORGANIC NLO CRYSTAL: 4 NITRO TOLUEN-2-SULPHONIC ACIDS DIHYDRATE | JOURNAL OF MOLECULAR STRUCTURE | 1155 & 2018 | 598-609 | 2017 |
| 17 | Ms. G BHUVANESWARI Dr L GURU PRASAD Ms. N PRABHAVATHI | STRUCTURAL, OPTICAL, THERMAL AND THEORETICAL INVESTIGATIONS ON HIGH EFFICIENCY NLO CRYSTAL: 4-NITROBENZONITRILE | OPTIK | 157 & 2018 | 1078-1086 | 2017 |
| 18 | Dr. M SETHURAMAM Mr. N SENTHIL KUMAR | THERMAL ANNEALING EFFECT OF STRUCTURAL, OPTICAL AND ELECTRICAL PROPERTIES OF V2O5 | OPTIK | 157 & 2018 | 410-420 | 2018 |

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| 19. | Mr. C PARI Mr. N MOHAN | THE ROLE OS A BCC ALLOY FOR HYDROGEN STORAGE | JOURNAL OF MATERIALS SCIENCE AND NANO MATERIALS | 2 & 1 | | 2018 |
| 20. | Mr. E KUMAR Mr. S C VELLA DURAI, Dr L GURU PRASAD, | PREPARATION AND INVESTIGATION ON STRUCTURAL, SPECTRAL AND ELECTRICAL PROPERTIES OF POLYANILINE/MANGANESE DIOXIDE NANOCOMPOSITES | JOUNAL OF MATERIALS AND ENVIRONMENTAL SCIENCES | 8 & 10 | 3490-3495 | 2017 |
| 21. | Ms. G BHUVANESWARI Dr. L GURU PRASAD Ms. N PRABHAVATHI | SYNTHESIS, GROWTH AND CHARACTERIZATION OF ORGANIC CRYSTAL TRIPHENYLMETHANE P- NITROANILINE:A NONLINEAR OPTICAL CRYSTAL | JOUNAL OF MATERIALS SCIENCE-POLAND | DOI :10.1515/ MSP | 2017-0068 | 2017 |
| 22. | Dr K VIJAYAKUMAR Mr. M GOVINDHARAJ | SYNTHESIS, CHARACTERIZATION, AND EVALUATION OF CANCER PREVENTION ACTIVITY OF | ASIAN PACIFIC JOURNAL OF CANCER PREVENTION | 19 & DOI:10.22034/ APJCP. 2018.19.1.247 | 247-252 | 2018 |
| 23. | Mrs. S AMBIKA Mr. S GOPINATH | PREPARATION AND CHARACTERIZATION OF NANO COPPER FERRITE AND ITS GREEN CATALYTIC ACTIVITY IN ALCOHOL OXIDATION REACTION | JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNATISIM | | | 2017 |
| 24. | Mrs. S GEETHA | COMPUTATIONAL APPROCH OF 2-CHLORO BENZAMIDE USING DENSITY FUNCTIONAL THEORY | INTERNATIONAL JOURNAL OF PURE AND APPLIED MATHEMATICS | 119 | 3437-3452 | 2018 |
| 25. | Mrs. N SUMATHI Mrs. S GEETHA | COMPUTATIONAL APPROCH OF 2-CHLORO BENZAMIDE USING DENSITY FUNCTIONAL THEORY | INTERNATIONAL JOURNAL OF PURE AND APPLIED MATHEMATICS | 119 | 3419-3435 | 2018 |
| 26. | Dr K VIJAYAKUMAR Mr M GOVINDHARAJ | PHOTOELECTRO CATALYTIC DEGRADATION DEGRADATION OF ENDOCRINE DISRUPTING CHEMICAL FROM AQUEOUS SOLUTION USING ZNO NANOCATALYST | JOURNAL OF OPTOELETRONICS AND BIOMEDICAL MATERIALS | 10 & 2 | 43-53 | 2018 |

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| 27. | Mrs. R SARANYA Mr. R AZHAGU RAJ | DEPENDENCE OF CATALIST ACTIVITY OF NANOCRYSTALLINE NICKEL FERRITE ON ITS STRUCTURAL, MORPHOLOGICAL, OPTICAL, AND MAGNETIC PROPERTIES IN AEROBIC OXIDATION OF BENZYL ALCOHOL | JOURNAL OF SUPERCONDUCTIVITY AND NOVEL MAGNATISIM | 26 | | 2018 |
| 28. | Mr. G RAJA Mrs. R SARANYA | MICROWAVE COMBUSTION METHOD:EFFECT OF STARCH,UREA AND GLYCINE AS PROCESSING FUELS IN THE CP3O4 NANOSTRUCTURES | OPTIK | 153 | 73-80 | 2018 |
| 29. | Dr. A MANIVASAGAM | FABRICATION OF COST EFFECTIVE HIGHLY SENSITIVE GAS SENSING FILMS DEPOSITED USING A SIMPLE AUTOMATED NEBULIZER SPRAY TECHNIQUE | INTERNATIONAL JOURNAL OF EMERGING TRENDS IN SCIENCE AND TECHNOLOGY | 3 & 2 | | 2018 |
| 30. | Mr. S THANGAVEL | A STUDY OF ACOUSTICAL PARAMETERS OF ZNSO4 WITH CONCENTRATIONN OF PVA USING ULTRASONIC INTERFERMETER | JOURNAL OF SCHEMICAL AND PHARMACEUTICAL SCIENCES | 11 & 1 | 131-134 | 2018 |
| 31. | K GAYATHRI | REVIEW OF ASYMPTOTIC BEHAVIOUR OF THIRD-ORDER NEUTURAL DIFFERENTIAL EQUATION | INTERNATIONAL JOURNAL FOR SCIENTIFIC RESEARCH AND DEVELOPMENT | 6 & 1 | 2321-0613 | 2018 |
| 32. | MRS.R.SARANYA | JOURNAL OF CHEMICAL AND PHARMACEUTICAL SCIENCES | SYNTHESIS OF COLLIDAL COPPER NANOPARTICLES AND ITS CYTOTOXITY EFFECT ON MCF-7 BREAST CANCER CELL LINES | SPECIAL ISSUE 1 | 1-5 | 2017 |
| 33. | MRS.S.GEETHA, MRS.N.SUMATHI | JOURNAL OF CHEMICAL AND PHARMACEUTICAL SCIENCES | SYNTHESIS ,SPECTRAL CHARACTERIZATION AND BIOLOGICAL ACTIVITY OF CU(II),NI(II) AND ZN(II) SCHIFF BASE COMPLEXES DERIVED FROM 3-AMINOACETOPHENONE | SPECIAL ISSUE 1 | 6-11 | 2017 |

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| 34. | DR.B.LOGANATHAN | JOURNAL OF CLUSTER SCIENCE | TAILORED AU AND PT CONTAINING MULTI-METALLIC NANOCOMPOSITES FOR A PROMISING FUEL CELL REACTION | **** | 1-25 | 2017 |
| 35. | MS.F.BEULAH ELIZABETH ,MRS.S.INDIRA | JOURNAL OF CHEMICAL AND PHARMACEUTICAL SCIENCES | ROLE OF PHYTOCHEMICAL AND COMMERCIAL ANTIBIOTIC IN STREPTOCOCCUS INDUCED DISEASE IN CHILDREN | SPECIAL ISSUE 1 | 12-15 | 2017 |
| 36. | MR.N.SIVAKUMAR MRS.R.SARANYA | JOURNAL OF CHEMICAL AND PHARMACEUTICAL SCIENCES | SYNTHESIS,CHARACTERIZATION AND EVALUATION OF ZNO AND COPPPER - NITROGEN CO DOPED ZINC OXIDE (CU-N-ZNO)NANOPARTICLES FOR ITS BIOLOGICAL | SPECIAL ISSUE 1 | 16-20 | 2017 |
| 37. | DR. L. GURU PRASAD | JOURNAL OF CHEMICAL AND PHARMACEUTICAL SCIENCES | GROWTH AND CHARACTERIZATION OF PURE AND UREA DOPED DIMETHYLAMINE PICRATE SINGLE CRYSTAL. | SPECIAL ISSUE 1 | 21-26 | 2017 |
| 38. | MR.S. VASUDEVAN | JOURNAL OF CHEMICAL AND PHARMACEUTICAL SCIENCES | | INFLUENCE OF ZNO: FE THIN FILM GROWN USING SPRAY PYROLYSIS | SPECIAL ISSUE 1 | 42-44 |
| 39. | MS. R. SARANYA | JOURNAL OF CHEMICAL AND PHARMACEUTICAL SCIENCES | ZINC OXIDE NANOFILMS PREPARED BY SOL-GEL METHOD | SPECIAL ISSUE 1 | 45- 49 | 2017 |
| 40. | MR.C.PARI, MR.N.SIVAKUMAR | JOURNAL OF CHEMICAL AND PHARMACEUTICAL SCIENCES | ZINC OXIDE THIN FILMS BY SOLGEL COATING FOR GAS SENSING STUDIES | SPECIAL ISSUE 1 | 50-55 | 2017 |
| 41. | MR.S.THANGAVEL | JOURNAL OF CHEMICAL AND PHARMACEUTICAL SCIENCES | ULTRASONIC INVESTIGATIONS ON ZINC SULPHATE IN POLYVINYL ALCOHOL | SPECIAL ISSUE 1 | 56-59 | 2017 |
| 42. | MR. RAJASEKARAN JOHN DR. RAJAJEYAGANTHAN RAMANATHAN | JOURNAL OF CHEMICAL AND PHARMACEUTICAL SCIENCES | SPECTROSCOPIC STUDIES OF SURFACE MODIFIED POLYPROPYLENE USING ULTRAVIOLET RADIATION | SPECIAL ISSUE 1 | 60-63 | 2017 |

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| 43. | MRS.R.SARANYA MR. J.RAJASEKARAN | JOURNAL OF CHEMICAL AND PHARMACEUTICAL SCIENCES | SYNTHESIS AND CHARACTERIZATION OF BIOLOGICALLY IMPORTANT ZN (II), CU (II) AND CO (II) METAL COMPLEXES | SPECIAL ISSUE 1 | 64-73 | 2017 |
| 44. | DR. L. GURU PRASAD MR.K.KANNAN | JOURNAL OF CHEMICAL AND PHARMACEUTICAL SCIENCES | COMPUTATIONAL STUDIES ON 2- NITROPHENYL ACETIC ACID | SPECIAL ISSUE 1 | 74-77 | 2017 |
| 45. | MR.S. SUSINDHIRAN | JOURNAL OF CHEMICAL AND PHARMACEUTICAL SCIENCES | STUDIES ON NLO PROPERTIES OF L- ARGININE MALEATE (LARM) SINGLE | SPECIAL ISSUE 1 | 78-79 | 2017 |
| 46. | DR. L. GURU PRASAD | PHYSICA B | CRYSTAL GROWTH,VIBRATIONAL ,OPTICAL,T HERMAL,AND THEORITICAL STUDIES OF A NONLINEAR OPTICAL MATERIAL:2- METHYL 2,5- | 501 | 5-17 | 2016 |
| 47. | DR. L. GURU PRASAD | MATERIAL RESEARCH INNOVATIONS | GROWTH, THERMAL, VIBRATIONAL STUDIES AND QUANTUM CHEMICAL CALCULATIONS OF 2, 6- DIBROMO-4- NITROPHENOL: A NEW | *** | 1-14 | 2016 |
| 48 | MS.V.MOHANA | MALAYA JOURNAL OF MATEMATIK | EXISTENCE RESULTS FOR NON- AUTONOMOUS NEUTRAL INTEGRO- DIFFERENTIAL SYSTEMS WITH | 4&4 | 606-616 | 2016 |
| 49 | MS.S.SARANA, MRS A.ROHINI | INTERNATIONAL JOURNALOF INNOVATIVE RESEARCH IN SCIENCE, ENGINEERING AND TECHNOLOGY | RISK AVOIDANCE IN CROP CULTIVATION- A MATHEMATICAL MODEL USING POSSIBILITY INTUITIONISTIC FUZZY SOFT SET | 5 & 7 | 12771-7 | 2016 |
| 50 | DR. L. GURU PRASAD | PHYSICA B:CONDENSED MATTER | PHYSICOCHEMICAL PROPERTIES OF DIMETHYL AMMONIUM NITROPHENOLATE-P- NITROPHENOL NON LINEAR OPTICAL | 485 | 29-34 | 2016 |

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|----|---|---|---|-----------------|---------|------|
| 51 | DR.L.GURU PRASAD | JOURNAL OF CHEMTECH RESEARCH | INVESTIGATIONS ON STRUCTURAL AND OPTICAL PROPERTIES OF 4- CHLORO2-NITROANILINE CRYSTALS FOR NONLINEAR OPTICAL APPLICATIONS | 8 | 96-100 | 2015 |
| 52 | MRS.S. SUBHA | RESEARCHSCHOLAR | LEARN TO READ AND READ TO LEARN | 3 | 267-271 | 2015 |
| 53 | MRS.K. POOMALAR | RESEARCH SCHOLAR | STRATEGIES OF WRITING SKILLS USED BY THE STUDENTS AT THE | 3 | 261-266 | 2015 |
| 54 | MR.T. ARUL PRAKASH | RESEARCH SCHOLAR | THE WORLD OF CHILD SEXUAL ABUSE VICTIMS IN MAHESH DATTAN'S THIRTY | 3 | 169-173 | 2015 |
| 55 | MRS.M.AMBIKAVATHY | RESEARCH SCHOLAR | YOUTH ICON CHETAN BHAGAT'S VIEWS YOUTH IN THE 3 MISTAKES OF LIFE | 3 | 272-277 | 2015 |
| 56 | MS.R.SARANYA | RSC ADVANCES | ENHANCED VACUUM SENSING PERFORMANCE OF MULTIWALLED CARBON NANOTUBES:ROLE OF | 5 | 2047 | 2015 |
| 57 | DR.J.TENNIS ANTHUVAN MR.N. SIVAKUMAR | JOURNAL OF CHEMICAL AND PHARMACEUTICAL SCIENCES | TWO COMPONENT POLYURETHANE COATINGS FROM ISOPHORNE DIISOCYANATE AND | 11 | 25-28 | 2015 |
| 58 | DR. L.GURU PRASAD | JOURNAL OF CHEMICAL AND PHARMACEUTICAL SCIENCES | MALACHITE GREEN DOPED PVA FILM FOR NONLINEAR OPTICAL APPLICATIONS | 11 | 29-31 | 2015 |
| 59 | MRS.V.THILAGAVATHI | LITERARY QUEST | MAGICAL REALISM: A GENRE INTERLOCKING TWO OPPOSING WORLDS | 1.8:WEB. 0.5 | 38-43 | 2015 |
| 60 | DR. L.GURU PRASAD | SPECTROCHIM.ACT | SPECTROSCOPIC (FTIR, FT- RAMAN, UVAND NMR) INVESTIGATION AND NLO,HOMOLUMO AND NBO ANALYSIS OF 2-BENZYL PYRIDINE BASED ON QUANTUM CHEMICAL | 137 | 740-748 | 2015 |

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| 61 | DR. L.GURU PRASAD | SPECTROCHIMICA ACTA | CRYSTAL GROWTH, STRUCTURAL CHARACTERIZATION AND THEORETICAL INVESTIGATION ON 3,5-DINITRO SALICYLIC ACID MONOHYDRATE FOR NONLINEAR OPTICAL APPLICATIONS | A 144 | 200- 215 | 2015 |
| 62 | DR. L.GURU PRASAD | CHINESE JOURNAL OF POLYMER SCIENCE | AZO DYE DOPED POLYMER FILM FOR NONLINEAR OPTICAL APPLICATIONS | VOL NO 32 | 650-657 | 2014 |
| 63 | DR. L.GURU PRASAD | MATERIALS RESEARCH INNOVATIONS | PHYSICOCHEMICAL PROPERTIES OF ORGANIC NONLINEAR OPTICAL (NLO) DL- ALANINE MALEATE | VOL NO 18 | 176-182 | 2013 |
| 64 | DR. L.GURU PRASAD | SPECTROCHIMIC A ACTA A | GROWTH AND CHARACTERIZATION OF SEMI-ORGANIC NON LINEAR OPTICAL CRYSTAL-2 SODIUM DINTROPHENOLATE | VOL NO 110 | 377- 382 | 2013 |
| 65 | DR. L.GURU PRASAD | ELIXIR CRYSTAL RESEARCH TECH | STRUCTURAL, THERMAL, OPTICAL AND ELECTRICAL STUDIES OF NONLINEAR OPTICAL TRIBISMUTHNONAKIST | VOL NO 56 | 13327 - 133329 | 2013 |