

List Of Publications (Total : 32) :

Inter National-26

National-6

International Journal Publications - 26

| S.No | Author | Title of the Paper | Name of the journal with ISSN/ISBN number | Year/Vol | Total citation Index/ Impact Factor |
|------|--|---|--|------------------------------|-------------------------------------|
| 1 | M.D.Raju, L.M. Nehete, R.J. Rao & M.S. Singh | Dimethylsilicon(IV)- Maleanilates and Phthalianilates | <i>Synth. React. Inorg. Met.- Org. Chem.</i> 1553- 3174 (Print), 1553- 3182(O) | 27, 231 (1997). | 0.493 |
| 2 | M.D.Raju ,U.N. Tripathi and M.S. Singh | Synthesis and characterisation of some organotin(IV) derivatives of 2-(N-salicylidene)-5- chlorobenzophenone. | <i>Main Group Metal Chemistry</i> ,2191-0219 | 20, 497 (1997) | 0.45 |
| 3 | M.D.Raju , M.S. Singh, K.Tawade and A.K.Singh | Synthesis and spectroscopic study of some organotin(IV) derivatives of benzilmonosemicarbazone | <i>Main Group Metal Chemistry</i> , 2191-0219 | 21, 489 (1998). | 0.45 |
| 4 | M.D.Raju M.S. Singh, A.K.Singh & S.K.Tiwari | Nitrogen and sulfur bonded organosilicon(IV) complexes: Synthetic & spectroscopic aspects | <i>Main Group Metal Chemistry</i> , 1553-3174 (Print), 1553-3182(O) | 21, 643 (1998) | 0.45 |
| 5 | M.D.Raju M.S. Singh, A,K, Singh & P. Narayan, <i>Synth. React.</i> | Some complexes of organotin(IV) chloride with salicylaldehyde thiosemicarbazone. | <i>React. Inorg .Met-Org. Chem</i> 1553-3174 (Print), 1553-3182(O) | 29, 73 (1999). | 0.493 |
| 6 | M.D. Raju , M.S. Singh, P.K.Singh & S.K.Tiwari | Coordination behaviour of benzilmonoxime and benzildioxime towards organotin(IV):Synthesis and characterization | <i>Synth. React. Inorg. Met-Org.Chem</i> , 1553- 3174 (Print), 1553- 3182(O) | 29, 1711 (1999). | 0.493 |
| 7 | M.DavidRaju , | Synthesis andspectroscopic study of some Organotin(IV)derivatives of N,N'-o- phenylenebis(salicylidenei mine) | Main Group Metal Chemistry , 2191-0219 | 31,Nos3- 4,2008 | 0.45 |
| 8 | M.DavidRaju | Synthesis and Spectroscopi study of some Organotitanium(IV)Derivati ves Of N, N'- Phenylenebis(Salicylidenei mine) | Reviews in Inorganic Chemistry, 2191-0227 | Vol32, No.4,Nov 2009 . | 2.103 |
| 9 | M.DavidRaju | Synthesis and spectroscopic study of someOrganosilicon(IV)deriv atives of N,N'-o- phenylenebis(salicylidenei mine) | Main Group Metal Chemistry, 2191-0227 | vol 32,no.2, 2009 | 0.45 |

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|----|--|--|--|----------------------------------|-------|
| 10 | M.David Raju, | Synthesis and spectroscopic study of some Organonickel(IV)derivatives of n,n'-o-phenylenebis(salicylideneimine) | Reviews in Inorganic chemistry , 2191-0219 | vol 29,no.3, July-Sept 2010 | 2.103 |
| 11 | Medepalli David Raju, | Nitrogen oxygen bonded hetrocyclic Organotin(IV)derivatives of a new schiff base:synthesis and spectral assifpects, | Main Group Metal Chemistry,2191-0227 | vol33,no, 1-2,2010 | 0.45 |
| 12 | M.C. Rao, K. Ravindranadh, T. Srikumar, G.V. Ramana, K.L. Sirisha, T. Rosemary, M. David Raju, M. Manoranjani and G. Nagarjuna | Thermodynamic and gas sensing properties of cu ²⁺ doped SnO ₂ thin films | International journal of chemical concepts, 2395-4256 | Vol.01, No.03, pp 114-119, 2015 | - |
| 13 | M.C. Rao *, K. Ravindranadh , A. Kasturi , N. Krishna Mohan , M. David Raju , G. Raju and C. Naresh Kumar Reddy | Microstructural Features of Mn ²⁺ Doped SnO ₂ Thin Films | International Journal of TechnoChem Research , 2395-4248 | Vol.02, No.01, pp 62-66, 2016 | - |
| 14 | T Jaison Jose, A Simi, M David Raju , *P Lakshmi Praveen, | Thermodynamic and Ultraviolet Stabilitiesof Para-Azoxyanisole :A Nematic Liquid Crystal | International Journal of Macro and Nano Physics (IJMNP), (O) 2393-8021 (P) | vol- 1,issue- 1,page 1-11, 2016, | |
| 15 | T Jaison Jose, A Simi, M David Raju , *P Lakshmi | Liquid Crystalline Carborane Diester Molecules: Structure and Ultraviolet Absorption Behavior based on DFT and Semiempirical Methods | International Advanced Research Journal in Science, Engineering and Technology 2394-1588 | Vol. 2, Issue 11, Nov2015 | 5.33 |
| 16 | T. JAISON JOSE, A. SIMI, M. DAVID RAJU , P. LAKSHMI PRAVEEN | Estimation of spectral shifts of fluorinated liquid crystals in ultraviolet region: Role of correlations in molecular structures | Journal of optoelectronics and advanced meterial | Vol 19,No1-2,Jan-Feb2017 | 0.449 |
| 17 | Dr.M.David Raju & Dr.suhasini sodagudi | NewEducation Policy and imperatives | AE International Journal of Multidisciplinary Research" , ISSN:2348-6724 | 2017 | 2.72 |

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|----|--|--|---|------|------|
| 18 | Dr.M.David Raju | Analytical method development and validation for the simultaneous estimation of Tenofovir alafenamide fumarate and emtricitabine in drug product”, | European journal of Biomedical and pharmaceutical sciences, vol5,2018 | 2018 | 4.9 |
| 19 | Dr.M.David Raju & Jason jose | Theoretical model of nematogen : estimation of phase stability, absorption, electrochemical and nonlinear optical properties, ,2018 | ACTA physica Polonica A, SCI,SCOPUS,UGC | 2018 | |
| 20 | Dr.M.David Raju & Abdul Matin | Green Synthesis of zinc oxide nanoparticles using aqueous root extract of sphagneticola trilobata Lin and investigate its role in toxic metal removal, sowing germination and fosteringof plant growth” | <i>Journal of Inorganicand Nano – metalchemistry</i> , Taylor and Francis group, vol:50, January,2020. Scopus,UGC listed https://www.tandfonline.com/doi/abs/10.1080/24701556.2020.1722694 | 2020 | 0.78 |
| 21 | Dr.M.David Raju & Sodagudi Suhasini | Identification of Anomalous Activities in using Digital Technology | <i>Journal of Advanced Research in Dynamical and Control Systems is a SCOPUS Indexed Journal.</i> | 2019 | |
| 22 | Dr.M.David Raju | Method development and validation of oxometazoline HCl and sorbitol in biuk and pharmaceutical dosage form International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN:2349-5162, Vol.6, Issue | International Journal of Emerging Technologies and Innovative Research (www.jetir.org), ISSN:2349-5162, Vol.6, Issue page no.243-250, June-2019, :http://www.jetir.org/papers/JETIR1906324.pdf | 2019 | 5.87 |
| 23 | Dr.M.David Raju & S.Suhasini | Novel approaches to identify and prevent Cyber Attacks in Web, Published in: 2019 3rd International Conference on Computing Methodologies and Communication (ICCMC) | Date of Conference: 27-29 March 2019 Date Added to IEEE Xplore: 29 August 2019 ISBN Information: INSPEC Accession Number: 18958284 | 2019 | |

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| | | | <p>DOI: 10.1109/ICCMC.2019.8819822</p> <p>Publisher: IEEE</p> <p>Conference</p> <p>Location: Erode, India, India</p> <p>https://ieeexplore.ieee.org/document/8819822</p> | | |
| 24 | <p>D.E. Prasada Rao M. Ravikiran M. Murali M. David Raju , P. Eswaraiah a , N. Ravi Kumar Reddy , C. Rajendiran , M.V. Basaveswara Rao ,</p> | <p>Synthesis of 3-methylthioimidazo[1,2-a]pyridines derivatives</p> | <p>Journal of Chemical Data Collections,vol 31,2021.ELSEVIER, SCOPOUS,CHEMICAL ABSTRACTS, ISSN: 2405-8300</p> <p>Pub Date : 2020-12-29,</p> <p>https://www.sciencedirect.com/science/article/pii/S2405830020303360</p> | 2020 | 2.22(SCOPOUS) |
| 25 | <p>Sk Abdul Matin Dr.M.David Raju,D.Ramash ekar Reddy,Dr.Jaya Dev D</p> | <p>Synthesis of zinc oxide nanoparticles using anthocephalus cadamba plant extracts and explores its antioxidant anti-inflammatory and anti diabetic activity</p> | <p>, J,International journal for modern trends in science and technology,ISSN 24553778,Vol7,Issue 01,http://dpoi.org/10.46501/IJMTST070135,UGC Recognised Available online at: http://www.ijmtst.com ml https://rjptonline.org/</p> | 2021 | |
| 26 | <p>SK. Abdul Mathin1*, M. David Raju, D. Rama Sekhara Reddy</p> | <p>Green synthesis, Characterization and application study of Zinc nanoparticles Synthesized using aqueous root extract of Sphagneticola trilobataLin</p> | <p>Research J. Pharm. and Tech. 13(12): December 2020 https://www.indianjournals.com/ijor.aspx?target=ijor:rjpt&volume=13&issue=12&article=057</p> | 2021 | 0.23(Scopus) |
| | | National | Journals | | |
| 1 | <p>M.D. Raju, M.S. Singh and A.K. Singh,</p> | <p>Synthesis and characterisation of benzilmonoxime complexes of organosilicon(IV).</p> | <p>Indian J. Chem., 0975-0975 (Online) ISSN: 0376-4710 (Print)</p> | 38A, 1060 (1999). | 0.729 |

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|---|---|--|--|---------------------------|-------|
| 2 | M.D. Raju, V.W. Bhagwat, M.S. Singh & S.K. Tiwari, | Hypervalent organosilicon compounds: Synthesis and spectral studies. | Indian J. Chem., 0975-0975 (Online) ISSN: 0376-4710 (Print) | 716 (1999). | 0.729 |
| 3 | M.D. Raju, Pratibha Singh M.S. Singh and Anil K. Singh, | Remote Dianions and their Application in the Synthesis of Macroheterocycles. | Indian J. Chem., 0975-0975 (Online) ISSN: 0376-4710 (Print) | (2006). | 0.729 |
| 4 | M. David Raju, Mandava V.Basaveswara Rao, B.C.K. Reddy, T.Srinivas Rao, | Estimation of primidone in commercial dosage forms using a simple and convenient hplc method | Rasayan Journal of Chemistry ISSN 2277-2871 | 2(2):297-299 · April 2009 | - |
| 5 | M.D. Raju, M.S. Singh and A.K. Singh, | Synthesis and characterisation of benzilmonoxime complexes of organosilicon(IV). | Indian J. Chem., 0975-0975 (Online) ISSN: 0376-4710 (Print) | 38A, 1060 (1999). | 0.729 |
| 6 | Medepalli David Raju | Nitrogen, Oxygen bonded heterocyclic Organosilicon(IV) derivatives of a new schiff base: synthesis and spectral aspects, | Journal of current chemical and pharmaceutical science | 1(i),2011, 9-14 | - |

15.a) Refresher courses / Orientation courses/Workshops Attended :

| S.No | Name/Title | Organized by | Duration | Year |
|------|---|--|----------|----------------------------|
| 1 | Participated in Workshop on "Chromatography Techniques" | Department of chemistry, KBN College, Vijayawada | 1 | 20 Feb 2010 |
| 2 | National Workshop on "The Environmental impacts of Chemical Industries and Mitigation Measures" | Department of Chemistry, Hindu College, PG Courses, Guntur | | 29 th Jan 2010 |
| 3 | Workshop on "Beat plastic pollution with waste management", | PBSC, Sept 2018 | 1 | 27 th Sept 2018 |

15.b) Papers presented at conferences/Seminars/Workshops

| S.No | Title of Conference/seminar/symposium | Organized by | Title of the paper | Year |
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| 1 | Coimbatore, Tamilnadu | Dept. of Chemistry, Kongunadu Arts & Science College, Coimbatore, Tamilnadu | Synthesis & Spectroscopic study of some Organotin(IV) derivatives of a new Heterocyclic Schiff base". | 10-09-2004 |
| 2 | UGC Sponcored Regional seminar on Environmental pollution with special reference to pesticide pollution | Department of chemistry, P.B. Siddhartha college of Arts & Science, Vijayawada | participated | 15 th Dec 2007 |
| 3 | National seminar on Green Organic Synthesis in pharmaceuticals | Department of Chemistry, P.B. Siddhartha college of Arts & Science, Vijayawada | Green synthesis of metal complexes an overview | 28-29 July 2006 |
| 4 | CSIR sponsored National conference on "Recent advances in Chemical Research", | NCRACR-2009 - Department of Chemistry, Osmania University, Hyderabad | synthesis and spectroscopic study of some Organotitanium(IV) derivatives of N,N'-o-phenylphenylenebis (salicylideneimine) | 6 th and 7 th February, 2009 |
| 5 | Organised & Presented National Seminar in the "The Promise Of Nano Science | Department of Chemistry, P.B. Siddhartha college of Arts & Science, Vijayawada | Synthesis of organotin nanoparticles and characterisation | 6 th -7 th March, 2009 |
| 6 | National seminar on "Emerging trends in Pharmaceutical analysis | K V S Siddhardha college of pharmaceutical sciences | Drug analysis by HPLC Method | 4 - 5 February, 2009 |
| 7 | National seminar on NanoTechnology | SRR & CVR Govt college, Vijayawada | Applications of Nanomaterials | 11. Dec. 2009 Vijayawada |
| 8 | UGC & CSIR, DAE-BRNS Sponsored National Youth Forum on green energy solutions meeting global concerns | Department of Chemistry, Maris Stella college, Vijayawada | Green Chemistry | 19 th and 20 th Nov 2009 |
| 9 | 46 th Annual convention of chemists 2009 & International Conference on Recent Research Trends in Chemical Sciences | VIT University, Vellore | Synthesis and characterisation of organotin(IV) complexes with New Schiff base ligand | 2 nd to 6 th December 2009 |
| 10 | "Recent advances in Chemical biology" | Vignan chemical association, Guntur | participated | 27 th Feb 2010 |
| 11 | 29 th Annual Conference of Indian Council of Chemists | Department of Chemistry, Punjab University, Chandigarh | Synthesis and characterisation of Organosilicon(IV) complexes | 19 th to 21 st December 2010 |

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| 12 | 48th Annual convention of chemists 2011 | Department of chemistry University of Allahabad, | Synthesis and charecterisation of Organotitanium(iv)complexes | |
| 13 | National Seminar on Pharmaceutical sciences in the New century : Emerging trends and challenges with special emphasis on Environmental aspects held on | Department of chemistry Hindu college ,Guntur and Acharya Nagarjuna university | Environmental pollution and its effects | 5 th to 6th Nov 2011 |
| 14 | UGC sponsored NationalSeminar in the on the premises of Green Chemistry | Andhra Loyola College, Vijayawada | Green synthesis of nanoparticles | Nov 16th, 2011 |
| 15 | National Seminar on "Recent trends in Pharmaceutical chemistry" under the ages of APSCHE Hyderabad & AP Pollution Control Board | Department of chemistry,Krishna University,under the ages of APSCHE,Hyderabad & AP Pollution Control Board Machilipatnam, | Synthesis of biologically active organometallic complexes | 31st Jan 2011 |
| 16 | National seminar on "Chemistry of Natural Products" | department of chemistry,Krishna University,& ap academy of sciences ,Vijayawada | The Role of Natural Product Chemistry in Drug Discovery | 28th NOV 2011 |
| 17 | Siddhartha Alalyticon - 2011 | K.V.S.R.Siddhartha College of Pharmaceutical Sciences, Vijayawada. | participated | 1 st November, 2011 |
| 18 | National Seminar on "Pharmaceutical Sciences in the New Century: Emerging Trends and Challenges with Emphasis on Environmental Aspects" | K.V.S.R.Siddhartha College of Pharmaceutical Sciences Vijayawada. | Effects of industrial wastage on environmental polution | 16 th November, 2011 |
| 19 | UGC sponsored National Seminar on "Significance of Green Strategies for Environmental Protection" in collaboration with ANU | Department of Chemistry, K.B.N.College, Vijayawada | Industrial effluents and its effects | 14 th & 15 th December, 2012 |
| 20 | National Seminar on "Role of Chemistry in the present era" | Royal Society of Chemistry, (LONDON) – DS, held at Department of Chemistry, Krishna University, Dr.MRAR PG Centre, Nuzvid. | Chemical applications to the modern society | 25 th August, 2012 |
| 21 | UGC National seminar on new frontiers in scientific research | Department of Chemistry Andhra Loyola College, Vijayawada | New techniques in the field of chemistry | 27 th February 2012 |

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| 22 | National Seminar on "Modern Trends in Chemical Sciences" | Acharya Nagarjuna University, Guntur | participated | 20 th & 21 st December, 2013. |
| 23 | National Seminar on "Modern Trends in Chemical Sciences" | Acharya Nagarjuna University, | Synthesis of organotin compounds | 20 th & 21 st December, 2013. |
| 24 | National Poaster Symposium"conducted held at Siddhartha Auditorium on | Royal Society of Chemistry(London)-DS,Hyderabad and Krishna University,Machilipatnam | participated | 21 st December, 2013. |
| 25 | Indian Chemical Society 50 th Annual Advanced Studies in chemistry, | Department of chemistry,Panjab University, | Synthesis and charecterisation of organotin complexes and charecterisation | 4 th to 7 th December, 2013 |
| 26 | National seminar on Seminar on "Role of chemistry in Drug Discovery" | Royal Society of Chemistry (London)-DS,Hyderabad and KrishnaUniversity,Machilipatnam | participated | 6 th July, 2013 |
| 27 | Recent Trends in Synthetic Organic & Natural Product Chemistry" | Department of Chemistry, Noble College, Machilipatnam in association with Krishna University, Machilipatnam, | Synthesis of organo silicon complexes and its charecterisation | 20 th & 21 st February, 2015 |
| 28 | UGC Sponcerd National seminar shaping the future with nanoscience | Department of chemistry,P.B.Siddhartha college of arts and science,vijayawada | Nanoscience and nanotechnologies | 19 th &20 th Aug 2015 |
| 29 | Seminar on chemistry for sustainable development | Royal Society of Chemistry (London)-DS,Hyderabad and KrishnaUniversity, Machilipatnam | Participated | 26 September 2015 |
| 30 | Two day national seminar on applications of green chemistry in sustainable development | K.V.S.Siddhartha college of pharmaceutical sciences,Vijayawada | Applications of green chemistry | 29-30 july |
| 31 | National seminar on "Novel Chemical Strategies for sustainable environment at on | PBSC | 1 | 22 March 2018 |
| 32 | 2 day National workshop on Radiochemistry, at PBSC in association with Indian association of nuclear chemists & allied scientists | Andhra Loyola College,vijayawada | 2 | 4 th and 5 th Jan 2019 |
| 33 | International seminar on Nanotechnology for the future energy challenges | PBSC | 1 | 18 th Dec 2018 |

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| 34 | "Modern Tools in Academics" in a UGC sponsored one day National seminar on Modern tools in evaluation- A shift from quantitative to qualitative techniques | Ch.S.D.St.Theresa college for women(autonomous), Eluru. | 1 | on Dec,2109 5 th |
| 35 | "Zn oxide nano particles in Andhra Pradesh Science Congress (APSC – 2019) during | Dr.B.R.Ambedkar University, Srikakulam. | 3 | 28 th -30 th , November,2019 |
| 36 | "Modern Applications of Chemistry in Science" in a UGC sponsored one day National Seminar on Modern Applications Of Chemistry In Engineering and Sciences on organized by the dept of chemistry, | JMJ College for Women, Tenali. | 1 | 22 nd Nov,2019, |
| 37 | "A case based approach to forecast and direct credit card Fraud translations in International conferences in Frontiers in smart system technologies | Department of Electronics and Communication Engineering at Veltech. | 3 | 3rd to 5 th April, |
| 38 | "Recent Trends in Chemistry" organized by dept of chemistry, | Bapatla college of Arts & Sciences & Royal Society of chemistry (London,UK)-Local section Deccan, India, | 1 | 23 rd December,2019 |