

PRESENTATIONS

1. D. Vijay et. al., Investigations On Europium Doped Magnesium Oxide Nano Particles :: Synthesized By Polyol Mediated Technique, International Conference On SCIENCE AND ENGINEERING OF MATERIALS FOR FUTURE NEEDS (ICSEMF-2015) held at S.R. & B.G.N.R. Govt. Arts & Science College (Autonomous), Khammam – T.S. during 21-22 Dec 2015
2. D. Vijay et. al., Structural, Vibrational and electronic spectroscopic study of 6-Hydroxycoumarin using experimental and theoretical methods, International conference on "PERSPECTIVES IN VIBRATIONAL SPECTROSCOPY" (ICOPVS - 2018) held at BARC, Mumbai during 25th to 29th November, 2018.
3. D. Vijay et. al., Investigations of Raman Activity and Biological Importance on Benzofuran-2-Carbonyl Chloride, National seminar on "ADVANCES IN MATERIALS AND ENVIRONMENTAL SCIENCE" (NSAMES - 2019) held at D.N.R.College, Bhimavaram on 25th February, 2019.
4. D. Vijay et. al., Chemical, optical and Vibrational spectroscopic studies on 2-naphthyl acrylate by using experimental and quantum chemical simulations, "International conference on PURE AND APPLIED CHEMISTRY" (IConPAC – 2019) held at KL university, Vijayawada, Andhra Pradesh during 08th -09th March 2019.
5. D. Vijay et. al., Vibrational Spectroscopic studies on 2,3-Dihydrobenzofuran-5-carboxaldehyde on 22nd National Conference on "ATOMIC AND MOLECULAR PHYSICS" held at IIT Kanpur, Kanpur, During 25th to 28th March, 2019.
6. D. Vijay et. al., Theoretical and Experimental UV-Visible, FT-IR spectroscopy studies on 2,3-Dihydrobenzofuran-5-carboxaldehyde, "International Conference on RESENT ADVANCES IN CHEMICAL, PHARMACEUTICAL AND LIFE PROCESSES (ICRACPL-2019)" held at Andhra University, VSKP., A.P. during 13-15 July 2019.
7. D. Vijay et. al., Quantum chemical simulations and Vibrational spectral investigations of 2-naphthyl acrylate. "International forum on RESENT TRENDS IN PHYSICS, CHEMISTRY & ALLIED SCIENCES FOR SUSTAINABLE DEVELOPMENT 2019" held at Ch.S.D. St. Theresa's College for Women (A), Eluru, A.P., during 27-29 Sep 2019.
8. D. Vijay et. al., Theoretical IR, UV/Vis and Raman Spectra Studies and Quantum Chemical Calculations on Benzimidazolone, International conference on "INNOVATIONS IN PHYSICS, ELECTRONICS AND CHEMISTRY", held at Andhra Loyola College, Vijayawada, A.P. during 21-22 October 2019.
9. D. Vijay et. al., Quantum Computational Studies On (\pm) -1-(1-Naphthyl) Ethanol "Two days national seminar on PRESENT RESEARCH IN GREEN SUSTAINABLE TECHNOLOGIES" (PRGST 2019) held at PR Govt. College (A), Kakinada, A.P. during 18-19 Dec. 2019.

10. D. Vijay et. al., Structural, Chemical and Vibrational studies on 5- Nitro- 2 - Benzimidazolinone using DFT calculations, "International conference on ADVANCES IN PHYSICS, ELECTRIONICS & CHEMICAL SCIENCES -2020" held at Sir C R Reddy College, Eluru, A.P. during 27-28 Feb 2020.
11. D. Vijay et al., Structural, Vibrational and electronic spectroscopic study of 7-(4-trifluoromethyl) coumarin acrylamide using experimental and theoretical methods, "8th Topical conference on ATOMIC AND MOLECULAR COLLISIONS FOR PLASMA APPLICATIONS" held at Department of Physics, Indian Institute of Technology, Roorkee (IITR) from 3rd – 5th March 2020.
12. D. Vijay et al., "Ab Initio Studies of 5-(Tetrahydro-2H-pyran-2-yl)-2-furaldehyde using DFT Calculations", International Conference on "FUNDAMENTAL SCIENCES AND QUANTUM TECHNOLOGIES USING ATOMIC SYSTEMS" (FSQT 2020), jointly organized by PRL Gujarat and SciRox (Science Club) GND University Punjab from 28 Sep. – 01 Oct. 2020. **(e-Poster Presentation)**
13. D. Vijay et al., Structural and Vibrational studies on 5-(Tetrahydro-2H-pyran-2-yl)-2-furaldehyde using SQM calculations, International Conference on MOLECULAR STRUCTURE & INSTRUMENTAL APPROACHES (ICMSI 2020), R K University, Rajkot, Gujarat. From 26th - 27th November 2020 **(e-Poster Presentation)**
14. D. Vijay et al., Abstract number MS-F-124 entitled "Chemical and Electronic Structural Investigations on 1, 3-Dimethyl-2-Imidazolidinone" DAE Symposium on CURRENT TRENDS IN THEORETICAL CHEMISTRY (CTTC-2021), Bhabha Atomic Research Centre (BARC), Mumbai, India. From September 23 – 25, 2021 **(e-Poster Presentation)**.
15. D. Vijay et al., ICOPVS-2022/303/AB, Poster number GP-18, "Quantum chemical simulations and Vibrational spectral investigations of 2-Naphthyl Acrylate" on 9th International Conference On PERSPECTIVES IN VIBRATIONAL SPECTROSCOPY (ICOPVS-2022) organized by UGC-DAE Consortium for Scientific Research in Indore, India during 13-17 December, 2022.
16. D. Vijay et. al., Abstract NCAMP23_B_073, "A detailed vibrational spectral investigations of 2-Furyl Methyl Ketone", The 23rd edition of NCAMP at IIST in collaboration with Indian Institute for Science Education and Research (IISER), Thiruvananthapuram, Space Physics Laboratory (SPL), Thiruvananthapuram and Space Program Office, Bengaluru, conducted by ISAMP during 20-23 Feb, 2023.
17. D. Vijay et. al., "Quantum Chemical Simulations And Vibrational Spectral Investigations Of (2,3-Dihydro-1-Benzofuran-5-Yl)methanol" Theme meeting "SPECTROSCOPY USING INDUS SYNCHROTRON RADIATION" (SISR-2023) organized by RRCAT, Indore during 24-25 Mar, 2023.
18. D. Vijay et. al., "Short Review on Bio-Fuels and Latest Advancements in India", 1st International Conference on ENVIRONMENTAL CHALLENGES & REMEDIES FOR SUSTAINABLE FUTURE (ICECRSF-23) at Dept. of Chemistry, Government College(A), Rajamahendravaram, A.P. during 15-16 September 2023

19. "Importance of Computational Chemistry in view of Green Chemistry aspects", 1st International Conference on ENVIRONMENTAL CHALLENGES & REMEDIES FOR SUSTAINABLE FUTURE (ICECRSF-23)at Dept. of Chemistry, Government College(A), Rajamahendravaram, A.P. during 15-16 September 2023. **(Oral Presentation)**
20. "Importance of Nanotechnology and its Environmental Applications", 1st International Conference on ENVIRONMENTAL CHALLENGES & REMEDIES FOR SUSTAINABLE FUTURE (ICECRSF-23)at Dept. of Chemistry, Government College(A), Rajamahendravaram, A.P. during 15-16 September 2023. **(Supporting Presentation)**
21. D.Vijay et.al., "A Short Review of Bharth's Sustainable Development In The World's Environment Protection", International Conference on MATERIALS ENGINEERING, MATERIALS CHEMISTRY AND MATERIALS PHYSICS (MECAP-2023) at S.R.K.R. Engineering College (Autonomous) Bhimavaram - 534204,West Godavari District, A.P., INDIA. during 25-26 September 2023.
22. D.Vijay et.al., "Quantum Chemical DFT studies on Eugenol". 9th Topical conference on ULTRAFAST PHOTONICS AND QUANTUM SCIENCE at Physical Research Laboratory, Ahmedabad, during 15-17 February, 2024.
23. D.Vijay et.al., "Role of Metal-Organic Framework in Sustainable Development", Two Days National Conference on "NOVEL MATERIALS FOR SUSTAINABLE DEVELOPMENT-2024" (NMSD-2024) (Hybrid Mode), at Department of Physics, Government Degree College, Porumamilla-516193. Sponsored by Andhra Pradesh State Council of Higher Education, Guntur, A.P, during 15-16 March 2024.