

# Research Publications in Peer-Reviewed Journals

## Biosciences

- Natarajan Arumugam, Datta Darshan V. M., Vishal Venketesh, Sai Sanwid Pradhan, Anuj Garg, Venkatesh Sivaramakrishnan, Subbarao Kanchi and Sakkarapalayam M. Mahalingam (2024). Synthesis, Computational Docking and Molecular Dynamics Studies of New Class of Spiroquinoxalinopyrrolidine Embedded Chromanone Hybrids as Potent Anti-Cholinesterase Agents. *RSC Advances*, **14**(26), 18815-18831. DOI: <https://doi.org/10.1039/d4ra02432j>
- Ganesan, S. T., Elangovan, N., Sowrirajan, S., Chandrasekar, S., Arumugam, N., Almansour, A. I., Mahalingam, S. M., Datta Darshan, V. M., Subba Rao, Kanchi, & Venketesh Sivaramakrishnan. (2024). Synthesis, Topology, Molecular Docking and Dynamics Studies of o-Phenylenediamine Derivative. *Journal of Biomolecular Structure and Dynamics*, **42**(8), 4072-4086. DOI: <https://doi.org/10.1080/07391102.2024.2317981>
- Datta Darshan, V. M., Arumugam, N., Almansour, A. I., & Venketesh Sivaramakrishnan. (2024). In Silico Energetic and Molecular Dynamic Simulations Studies Demonstrate Potential Effect of the Point Mutations with Implications for Protein Engineering in BDNF. *International Journal of Biological Macromolecules*, **271**, 132247. DOI: <https://doi.org/10.1016/j.ijbiomac.2024.132247>
- Siva Sankari, G., James, R., Payva, F., Venketesh Sivaramakrishnan, Kumar, T. V., Kanchi, S., & Santhy, K. S. (2024). Computational Analysis of Sodium-Dependent Phosphate Transporter SLC20A1/Pi1 Gene Identifies Missense Variations C573F, and T58A as High-Risk Deleterious SNPs. *Journal of Biomolecular Structure and Dynamics*, **42**(8), 4072-4086. DOI: <https://doi.org/10.1080/07391102.2023.2218939>
- Rathnakumar, S., Bhaskar, S., Venketesh Sivaramakrishnan, Kambhampati, N. S. V., Srinivasan, V., & Ramamurthy, S. S. (2024). Tecoma Stans Floral Extract-Based Biosynthesis for Enhanced Surface Plasmon-Coupled Emission and a Preliminary Study on Fluoroimmunoassay. *Analytical Chemistry*, **96**(10), 4005-4012. DOI: <https://doi.org/10.1021/acs.analchem.3c01441>
- Alkaltham, M. F., Almansour, A. I., Arumugam, N., Vagolu, S. K., Tønjum, T., Alaqeel, S. I., Rajaratnam, S., & Venkatesh Sivaramakrishnan. (2024). Activity Against Mycobacterium Tuberculosis of a New Class of Spirooxindolopyrrolidine Embedded Chromanone Hybrid Heterocycles. *RSC Advances*, **14**(17), 11604-11613. <https://doi.org/10.1039/D4RA01501K>
- Pulukool, S. K., Srimadh Bhagavatham, S. K., Vijay, S. K., Almansour, A. I., Chaudhary, S., Abuyousef, F., Saleh, N., & Tripathi, P. (2024). Noninvasive Cardiac-Specific Biomarkers for the Diagnosis and Prevention of Vascular Stenosis in Cardiovascular Disorder. *Frontiers in Pharmacology*, **15**, 1376226. DOI: <https://doi.org/10.3389/fphar.2024.1376226>
- Datta Darshan, V. M., Sivaramakrishnan, V., & Kumar, K. A. (2023). Structural Systems Biology Approach Delineates the Functional Implications of SNPs in Exon Junction Complex Interaction Network. *Journal of Biomolecular Structure and Dynamics*, **41**(21), 11969-11986. DOI: <https://doi.org/10.1080/07391102.2022.2164355>
- Chandra, B. P., Patnana, D. P., Kanikaram, S. P., & Venketesh Sivaramakrishnan. (2023). Investigation of Metals Bound to PM2.5 Measured at North West Indo-Gangetic Plain and Their Potential Role in Causing Inflammation and Aggregation in In-Vitro Models of Neurodegenerative Diseases. *AGU Fall Meeting Abstracts, 2023*(2623), A33H-2623.
- Pradhan, S. S., Kanikaram, S. P., Datta Darshan, V. M., Pargaonkar, A., Dandamudi, R. B., & Venketesh Sivaramakrishnan. (2023). Metabolic Deregulation Associated with Aging Modulates Protein Aggregation in the Yeast Model of Huntington's Disease. *Journal of Biomolecular Structure and Dynamics*, **1-18**. DOI: <https://doi.org/10.1080/07391102.2023.2257322>
- Alluri, V. V., Mukhi, M., & Vishwanathan, A. S. (2023). Characterising ATP Binding Activity of PilB ATPase of *Shewanella Oneidensis* MR-1 Using a Molecular Modeling and Simulations Approach. *Journal of Biosciences*, **48**(4), 45. DOI: <https://doi.org/10.1007/s12038-023-00371-1>
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- Klepsatel, P., Knoblochová, D., Dharanikota, M., Vidlička, L., & Gálíková, M. (2023). Developmental Plasticity of Thermal Performance Curve for Reproduction in *Drosophila Melanogaster*. *Evolution*, **77**(12), 2606-2618. DOI: <https://doi.org/10.1093/evolut/qpad177>
- Gade, N., Burri, R., Sujiv, A., Mishra, M., Bulagonda, E. P., Debaje, H., Sable, T., & Kaur, A. (2023). Promoting Patient Safety: Exploring Device-Associated Healthcare Infections and Antimicrobial Susceptibility Pattern in a Multidisciplinary Intensive Care Units. *Cureus*, **15**(12), e50232. DOI: <https://doi.org/10.7759/cureus.50232>



- **Book Chapter:** Sai Swaroop R., Sai Sanwid Pradhan, Ashwin Ashok Naik, & Venketesh Sivaramakrishnan. (2024). Protocol for Integrated Multi-omics Analysis and Validation by Yeast Model for Amyotrophic Lateral Sclerosis. In Prof. Dr. Swapan Ray (Ed.), **Neuroprotection: Methods and Protocols**. Springer Publications. ISBN: 978-1-0716-3662-6.
- **Book Chapter:** Burri, R. R., Skov, R., Eswarappa Pradeep, B., & Sudbrak, R. (2023). The Battle Against Antimicrobial Resistance. In Nitya Mohan Khemka & Srinath Reddy (Eds.), **Accelerating Global Health Pathways to Health Equity for the G20** (28–38). ISBN: 978-81-963864-8-1.
- **Book Chapter:** Burri, R., Pallu, R., Burra, P., Anand-Kumar, A., Hegde, N., Murugaiyan, J., Bulagonda, P., Palakodeti, R., Nachimuthu, R., Bhagavatula, D., Bjerke, L., & Saddikuti, V. (2023). Knowledge Report on Integrated Strategies for Containment of AMR for AP Govt. In **Application of Digital Technologies in the Containment of AMR** (35–38).
- Rathnakumar, S., Bhaskar, S., Sivaramakrishnan, V., Kambhampati, N. S. V., Srinivasan, V., & Ramamurthy, S. S. (2024). Tecoma Stans Floral Extract-Based Biosynthesis for Enhanced Surface Plasmon-Coupled Emission and a Preliminary Study on Fluoroimmunoassay. **Analytical Chemistry**, **96**(10), 4005–4012. DOI: <https://doi.org/10.1021/acs.analchem.3c01441>
- Kolli, N. K., Kundu, S., & Roy, S. (2024). Exploring the Functional Abilities of PVA-Combeite Composites as Potential Candidates for Bone Substitutes. **International Journal of Materials Research**, **115**(4), 283–290. DOI: <https://doi.org/10.1515/ijmr-2023-0157>
- Ganesh, K. M., Bhaskar, S., Cheerla, V. S. K., Battampara, P., Reddy, R., Neelakantan, S. C., Reddy, N., & Ramamurthy, S. S. (2024). Review of gold nanoparticles in surface plasmon-coupled emission technology: Effect of shape, hollow nanostructures, nano-assembly, metal-dielectric and heterometallic nanohybrids. **Nanomaterials**, **14**, 111. DOI: <https://doi.org/10.3390/nano14010111>

## Chemistry

- Durga Prasad, & Chandra, B. P. (2024). Carcinogenicity and Non-Carcinogenicity Health Risks Due to PM2.5 Bound Trace Metals at a Suburban Site in Northwest Indo-Gangetic Plain. **International Journal of Environmental Health Research**, 1–12. DOI: <https://doi.org/10.1080/09603123.2024.2353328>
- Rai, P., Kumar, R., Singh, J., Saripella, S., & Golakoti, N. R. (2024). Synthesis, Characterization, In-Vitro, and In-Vivo Anti-Cancer Evaluation of Novel Benzopyrylium Salts on Colorectal Cancer Model of Drosophila Melanogaster. **ChemistrySelect**, **9**(12), e202304328. DOI: <https://doi.org/10.1002/slct.202304328>
- Tamang, N., Inabathina, Y., Mavileti, S. K., Sripada, L., Nanduri, S., Golakoti, N. R., & Karanam, B. (2024). (3,19)-4-Bromobenzylidene-Isoandrographolide Induces Apoptosis and Causes Loss of Mitochondrial Membrane Potential in MCF-7 Breast Cancer Cells. **ChemistrySelect**, **9**(3), e202302498. DOI: <https://doi.org/10.1002/slct.202302498>
- Dash, A., Vaddamanu, G., Karreddula, R., Manubolu, S. S. B., Pavana Kumari, G., & Mulakayala, N. (2024). Novel N-(3-Ethynyl Phenyl)-6,7-Bis(2-Methoxyethoxy) Quinazoline-4-Amine Derivatives: Synthesis, Characterization, **Anti-Cancer Activity, In-Silico and DFT Studies. Anti-Cancer Agents in Medicinal Chemistry**, **24**, 514. DOI: <https://doi.org/10.2174/0118715206276286231220055233>
- Kolli, N. K., Anandan, D., Jaiswal, A. K., Kundu, S., & Roy, S. (2024). Unveiling the Multi-Faceted Features and Potential Applications of Novel Combeite-Barium Titanate Composites. **Chemical Papers**, **78**(7), 4425–4435. DOI: <https://doi.org/10.1007/s11696-024-03406-5>
- Durga Prasad Patnana, Tripathi, P., Jaffe, D. A., & Chandra, B. P. (2023). Determination of Nylon 66 Microplastics in the Inhalable Fraction of Particulate Matter Using High-Performance Liquid Chromatography-Tandem Mass Spectrometry (HPLC-MS/MS). **Analytical Letters**, 1–9. DOI: <https://doi.org/10.1080/00032719.2023.2294134>
- Manichandrika, K. V. S., & Prathyusha, V. (2023). An In Silico Molecular Docking, ADMET and Molecular Dynamics Simulations Studies of Azoly12HChroman4Ones as Potential Inhibitor Against Pathogenic Fungi and Bacteria. **Journal of Biomolecular Structure and Dynamics**. DOI: <https://doi.org/10.1080/07391102.2023.2241102>
- Rokkam, S. K., Mas-Rosario, J. A., Joshi, B. P., Joshi, M., Choudhury, A. R., Kar, S., Golakoti, N. R., & Farkas, M. E. (2023). Diarylidene-N-Methyl-4-Piperidones and Spirobibenzopyrans as Antioxidant and Anti-Inflammatory Agents. **Chemistry & Biodiversity**. DOI: <https://doi.org/10.1002/cbdv.202300822>
- Tamang, N., Chettri, P., Joshi, B. P., Kar, S., Mahendrakar, V., Srivastava, S., & Golakoti, N. R. (2023). Effect of Cycloalkanone Ring Size on Second and Third Order Nonlinear Optical Properties of Bischalcones. **Optical Materials**, **140**, 113825. DOI: <https://doi.org/10.1016/j.optmat.2023.113825>
- Gopi, U. V., Reddi, U. S., Karthik, M., & Smaran, K. S. (2023). Controlling Phase Transformation of La/Ni Oxides by Switching Annealing Conditions and Their Resultant Pseudocapacitive Behaviour. **Nanotechnology**, **35**(8), 085402. DOI: <https://doi.org/10.1088/1361-6528/ad0f54>
- Ganesh, K. M., Rai, A., Battampara, P., Reddy, R., Bhaskar, S., Reddy, N., & Ramamurthy, S. S. (2023). Optical coupling of bio-inspired mustard protein-based bimetallic nanohybrids with propagating surface plasmon polaritons for femtomolar nitrite ion sensing: Cellphone-based portable detection device. **Nano-Structures & Nano-Objects**, **35**, 101025. DOI: <https://doi.org/10.1016/j.nanoso.2023.101025>



- Chettri, P., Ganesh, K. M., Mahapatra, S. S., Viswanathan, A. S., & Srivastava, S. (2023). A low-cost optofluidic platform for the colorimetric assessment of bacterial activity in domestic wastewater. *Analytical Methods*, *15*, 6031. DOI: <https://doi.org/10.1039/D3AY01612A>

## Education

- B Saisoujanya Kumari, & Lavanya, P. (2024). Constructivism in Biological Science Education: Fostering Attitudinal Change: A Study. *Education and Society*, Issue no. 2, January-March 2024, ISSN: 2278-6864.
- Padmambika, P., & Lavanya, P. (2023). Effect of Academic Stress on the Academic Achievement of Undergraduate Students. *International Journal of Novel Research and Development*, *8*(7), July 2023, ISSN: 2456-4184.

## Food & Nutritional Sciences

- Pandey, M., Pathri, M., Labani, S., & Srividya, N. (2024). Impact of Onion-Based Interventions on Biomarkers of Diabetes and Its Complications in Diabetic Rats - A Systematic Review. *Diabetes Research and Clinical Practice*, 209S1, 111512. DOI: <https://doi.org/10.1016/j.diabres.2024.111512>
- Sai Geetha, P., Jahnavi, K., Yamuna, S., & Padmaja, A. (2024). Extraction, Estimation, and Utilization of Curry Leaf (*Murraya Koenigii*) Stalks as a Potential Source of Antioxidants. *Asian Journal of Dairy and Food Research*. <https://doi.org/10.18805/ajdfr.DR-2111>
- Tapasya Anand, & Subba, S. S. (2024). Evaluation of Chemical Composition, Antioxidant and Anti-Inflammatory Potential of Herbs Enriched Plant-Based Protein Mix for Women Athletes. *Journal of Sports Science and Nutrition*, *5*(2), 11-16. DOI: <https://doi.org/10.33545/27077012.2024.v5.i2a.261>
- Gupta, J. (2024). Significance of Food Security and Safety Behind India's Sustainable Urban Development. *International Journal of Nutrition*, *1*(1), 25-30. DOI: <https://journals.stmjournals.com/ijn/article=2024/view=135498/>
- Vandana, M., Rai, N., Mounika, S., & Gupta, J. (2023). Investigation of Hazardous Food Additives in Indian Packaged Pickles Through Chemical and Spectrophotometric Analyses. *Journal of Chemical Health Risks*, *13*(4), 1458-1466. <https://jchr.org/index.php/JCHR/article/view/1133>
- Sai Dharshini, S., & Meera, M. (2023). Effect of Popping and Milling on Physical, Chemical, Structural, Thermal Properties and Angle of Repose of Amaranth Seed (*Amaranthus Cruentus* L.) and Finger Millet (*Eleusine Coracana* L. Gaertn) from Udhagamandalam. *Applied Food Research*, *3*(2), 100306. DOI: <https://doi.org/10.1016/j.afres.2023.100306>

- Sai Dharshini, S., & Meera, M. (2023). Millet Bars—Healthier Alternative to Cereal Bars: A Review. *Agricultural Reviews*, *44*(2), 155-163. DOI: <http://dx.doi.org/10.18805/ag.R-2229>
- **Book Chapter:** Srividya, N., Haldipur, A. C., & Yerra, H. (2024). Lifestyle Modifications and Nutritional Modulation of the Immune System for Prevention and Management of Diabetes Mellitus: Current Perspectives. In P. Tripathi, R. P. Tripathi, & M. P. Kaushik (Eds.), *Biochemical Immunology of Diabetes and Associated Complications* (313-330). Academic Press. ISBN: 978-0-443-13195-0. DOI: <https://doi.org/10.1016/C2022-0-02117-6>.
- **Book Chapter:** Srividya, N., Haldipur, A. C., & Sanjeevi, C. B. (2024). Dietary Interventions to Combat Obesity in Metabolic Syndrome: Role of Time Restricted Eating. In S. Mukhopadhyay & S. Mondal (Eds.), *Metabolic Syndrome* (609-619). Academic Press. ISBN: 978-0-323-85732-1. DOI: <https://doi.org/10.1016/C2020-0-02822-7>.
- **Book Chapter:** Lohita, B., & Srijaya, M. (2024). Novel Technologies for Shelf-Life Extension of Food Products as a Competitive Advantage: A Review. In R. Chakraborty, P. Mathur, & S. Roy (Eds.), *Food Production, Diversity, and Safety Under Climate Change* (285-306). Springer, Cham. ISBN: 978-3-031-51646-7. DOI: [https://doi.org/10.1007/978-3-031-51647-4\\_24](https://doi.org/10.1007/978-3-031-51647-4_24)
- **Book Chapter:** Pradhan, A., & Srijaya, M. (2024). Fresh Fruits and Vegetables Quality and Safety: A Deep Insight on the Benefits of an Organic Farming Approach. In R. Chakraborty, P. Mathur, & S. Roy (Eds.), *Food Production, Diversity, and Safety Under Climate Change* (285-306). Springer, Cham. ISBN: 978-3-031-51646-7. DOI: [https://doi.org/10.1007/978-3-031-51647-4\\_11](https://doi.org/10.1007/978-3-031-51647-4_11)

## Humanities & Social Sciences

### Economics

- Geetha Bala, M. R. (2024). Impact of Skill Development Programs for Financial Empowerment of Women. *International Journal for Multidisciplinary Research*, *5*(6). DOI: <https://doi.org/10.36948/ijfmr.2023.v05i06.10847>
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- Geetha Bala, M. R. (2024). Empowering Women in the Digital World. *International Journal of Cultural Studies and Social Sciences*, *20*(1), 100-104.
- Gurung, R., Choubey, M., & Rai, R. (2023). Economic Impact of Farmer Producer Organisation (FPO) Membership: Empirical Evidence from India. *International Journal*



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- Gurung, R., & Choubey, M. (2023). Efficiency Evaluation of Farmer Producer Organisations in Sikkim: **A DEA Approach**. *Indian Journal of Economics and Development*, 19(4), 823-830. DOI: <https://doi.org/10.35716/IJED-22402>
  - Suresh Kumar, D., & Raghavender Raju, G. (2023). India's Exchange Rate (INR/USD) Movement During the Post-Reform Period. *Review of Economics and Finance*, 21(1), 1306-1316. <https://refpress.org/ref-vol21-a143>
  - Gurung, R., Tirkey, C., Takri, K. K., Diyali, N., Choubey, M., & Rai, R. (2023). Determinants of Access to Improved Drinking Water and Sanitation in India: Evidence from India Human Development Survey-II (IHDS). *Water Policy*, 25(10), 980-995. DOI: <https://doi.org/10.2166/wp.2023.083>
  - Book:** Raghavender Raju, G. (2023). **Econometric Modelling of Current Account of India's Balance of Payments**. Self-Publications (Puttaparthi). ISBN: 978-93-5996-366-2.
  - Book Chapter:** Sujana, A. (2023). Suo Moto Cognizance Issues and Challenges: A Good Governance Perspective. In Kiran D. Gardner et al. (Ed.), **Lex Et Mutatio: Law and Social Transformation** (Volume III, Chapter 2, pp. 55-64). Alliance School of Law, Alliance University. ISBN: 978-81-955963-9-3,
  - Aruna Kumar Behera (2024). The Effect of Contextual Cues on Vocabulary Learning. *Journal of English Language Teaching*, 66(1), 22-26.
  - Aruna Kumar Behera (2024). ChatGPT as an Effective Tool in English Language Teaching. *Literary Oracle*, 8(1), 22-23. <https://literaryoracle.com/wp-content/uploads/2024/06/2.-Using-ChatGPT-in-Teaching-Learning-Language-Skills.pdf>
  - Priyamvada, C., & Khanna, M. (2024). Alfred Lord Tennyson's "Ulysses" in the Light of Dhvani Theory. *IIS University Journal of Arts*, 13(1), 55-66. <https://iisjoa.org/sites/default/files/iisjoa/Jan%202024/5.pdf>
  - Lakshmi Menon, S., & Patel, R. C. (2024). An Investigation of Phenomenological Hermeneutics as a Methodology in Literary Studies in Comparison with the Social Sciences: Exploring Core Concepts. *Research Journal of English*, 9(1), 291-310. [https://www.rjoe.org.in/Files/v9i1//20.An%20Investigation\(291-310\)%20\(7\).pdf](https://www.rjoe.org.in/Files/v9i1//20.An%20Investigation(291-310)%20(7).pdf)
  - Megha Santhosh, & Rani, P. L. (2024). 'Politics of Representation' Revisited: A Trauma Studies Perspective. *Lalita Kavi-Bharati*, 12(1). [https://www.kishorvidyaniketan.com/wp-content/uploads/2024/07/Lalita-Kavi-Bharati-Vol.-XII-Issue-1-January-June-2024\\_15.07.2024.pdf](https://www.kishorvidyaniketan.com/wp-content/uploads/2024/07/Lalita-Kavi-Bharati-Vol.-XII-Issue-1-January-June-2024_15.07.2024.pdf)
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  - Sai Priyadarshini, S., & Sai Archana, M. (2024). Applying the Framework of Bloom's Taxonomy and NEP 2020 to Evaluate the Course Objectives and Course Outcomes of a BA English Course. *Research Journal of English*, 9(2), 59-70. [https://www.rjoe.org.in/Files/v9i2/\(59-70\).pdf](https://www.rjoe.org.in/Files/v9i2/(59-70).pdf)
  - Sattayasri Gururaghavendran, & Sai Archana, M. (2024). Evaluation of Class-10 English Textbooks: Case Study Based on NCF 2023. *International Journal of English Literature and Social Sciences*, 9(3), 230-237. DOI: <https://doi.org/10.22161/ijels.93.28>
  - Pem Doma Sherpa, & Sai Archana, M. (2024). Evaluation of Course Syllabus: Study of Experiential Learning in a 1st Year. *The English Classroom*, 26(1), 71. <https://www.riesi.ac.in/wp-content/uploads/2024/07/ECJ-Volume-26-No-1-Abstract.pdf>
  - Megha Santhosh, & Rani, P. L. (2023). Transgenerational Trauma in Madhuri Vijay's The Far Field. *The Dawn*

## Political Science

- Book Chapter:** Sujana, A. (2023). Suo Moto Cognizance: Issues and Challenges. In Dr. Kiran D. Gardener et al. (Eds.), **Lex Et Mutatio: Law and Social Transformation** (1st ed., pp. 55-64). Alliance School of Law, Alliance University. ISBN: 978-81-955963-9-3. <http://gnanaganga.inflibnet.ac.in:8080/jspui/handle/123456789/5331>
- Book Chapter:** Hingne, A. (2023). Social Justice for Women in Rural India: Case Studies on the Role of Social Awareness and Familial Ties to Overcome Societal Bias. In Dr. Kiran D. Gardener et al. (Eds.), **Lex Et Mutatio: Law and Social Transformation** (1st ed., pp. 26-31). Alliance School of Law, Alliance University. ISBN: 978-81-955963-9-3. <http://gnanaganga.inflibnet.ac.in:8080/jspui/handle/123456789/5331>

## Languages & Literature

### English

- Venkataramana, B. (2024). Theme of Victimization and Alienation in Saul Bellow's 'Seize the Day'. *Scienxt Journal of English Language & Literature*, 2(1), 9-16. <https://scienxt.com/wp-content/uploads/2024/04/4.-V2-II-PG-9-16-English.pdf>



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- Sreenidhi, S., & Khanna, M. (2023). Text World Analysis of A. K. Ramanujan's "Of Mothers: Among Other Things." *Research Journal of English*, 8(3), 40-53. [https://www.rjoe.org.in/Files/v8i3/7.RJOE-Sreenidhi\(41-53\).pdf](https://www.rjoe.org.in/Files/v8i3/7.RJOE-Sreenidhi(41-53).pdf)
- Prashant Luthra, & Venkataramana, B. (2023). Joseph Campbell's Monomyth and the Evolution of the Protagonist in R. K. Narayan's The Bachelor of Arts. *Literary Herald*, 9(4), 95-101. [http://tlhjournal.com/uploads/products/15\\_dr-prashant-luthra-article.pdf](http://tlhjournal.com/uploads/products/15_dr-prashant-luthra-article.pdf)
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# Conference Presentations/Proceedings

## Chemistry

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- B. Praphulla Chandra, Durga Prasad Patnana, and Prashanth Tripathi. Determination of Airborne Microplastics Using LC-MS/MS, **EGU General Assembly 2024**, EGU24-2744, Copernicus Meetings, Vienna, Austria (April 14-19, 2024).
- Ashish Chettri, Siba Prasad Ghosh, and A. Sunil. Nanosponges for Waste Water Treatment, **International Conference on Advances in Chemical and Applied Sciences for Sustainable Development (ACASSD-2024)**, JECRC University, Jaipur, Rajasthan (March 29-30, 2024).
- Sai Athmeeya G Shet, Jan-Michael Y Carrillo, S. S. R. Kumar Challa, V. N. Ravi Kishore Vutukuri. Design of Safer Novel Polymer Nanocomposites Involving Ceria Nanoparticles and Non-PVC Polymers for Biomedical Applications: A Molecular Dynamics Simulation Study, **ACS Spring Meeting - 2024**, American Chemical Society (ACS), Hybrid Mode, New Orleans, USA (March 17-21, 2024).
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