



# Research Publications in Peer-Reviewed Journals

## Biosciences

- Vanamala, J. K. P., Sivaramakrishnan, V., and Mummidi, S. (2025). Editorial: Integrated Multi-omic Studies of Metabolic Syndrome, Diabetes and Insulin-Related Disorders: Mechanisms, Biomarkers, and Therapeutic Targets. *Frontiers in Endocrinology*, 15:1537554. DOI: [10.3389/fendo.2024.1537554](https://doi.org/10.3389/fendo.2024.1537554)
- Shrigouri Patil, Annes Siji, Dhriti Mallur, Kruthika, B.S., Nazneen Gheewalla, Shraddha Karve, Maithili Kavathekar, Bansidhar Tarai, Mandar Naik, Vandana Hegde, Jayaprada Rangineni, Vaijayanti Gupta, Vijay Chandru, Bulagonda Eswarappa Pradeep, Reety Arora. (2025). PathCrisp: An Innovative Molecular Diagnostic Tool for Early Detection of NDM-Resistant Infections. *Scientific reports*, Jan 15(1), 490. DOI: <https://doi.org/10.1038/s41598-024-84832-z>
- Febby Payva, Santhy, K.S., Remya James, Amrisa Pavithra, E., Venketesh Sivaramakrishnan. (2025). Systems Biology Approach Delineates Critical Pathways Associated with Papillary Thyroid Cancer: A Multi-Omics Data Analysis. *Thyroid Research*, 18 (1), 15. DOI: <https://doi.org/10.1186/s13044-025-00230-1>
- Piyush Kumar, Sai Anand Kannakazhi Kantari, Ranendra Pratap Biswal, Prasanth Ghanta and Malleswara Dharanikota. (2025). Elucidation of  $\alpha$ -glucosidase Inhibitory Activity and UHPLC-ESI-QTOF-MS Based Metabolic Profiling of Endophytic Fungi *Alternaria alternata* BRN05 Isolated from Seeds of *Swietenia Macrophylla* King. *Frontiers in Fungal Biology*, 28(6), 1447609 DOI: [10.3389/ffunb.2025.1447609](https://doi.org/10.3389/ffunb.2025.1447609)
- Durga Prasad Patnana, Sai Phalguni Kanikaram, Piyush Kumar, Vijay Sai Krishna Cheerla, Venketesh Sivaramakrishnan, Prashant Tripathi, Boggarapu Praphulla Chandra. (2025). Simultaneous Determination of Polycyclic Aromatic Hydrocarbons, Their Derivatives, and Phthalic Acid Esters Bound to Ambient PM 2.5 During Pre-Summer Season in Bengaluru, India, and Potential Effect on Protein Aggregation Diseases. *Environ Sci Pollut Res.*, 32, 17393 - 17406. DOI: <https://doi.org/10.1007/s11356-025-36035-w>
- Sudam Bhoi, Sathya Sai Kiran, K., Vishnu Prasad Dash, Kajal Sundaray, Umakantha Subudhi, and Naresh Krishna Narasimha. (2025). SDS-Induced Phenoloxidase Activity Involves Structural Perturbation of the N-Terminal Domain in Hemocyanin from Indian Horseshoe Crab - *Tachypleus Gigas*: Kinetics, Thermodynamics, and Molecular Dynamics Simulation Studies with Catecholamines. *International Journal of Biological Macromolecules*, 318 (Part 2), 144887, 1-18. DOI: <https://doi.org/10.1016/j.ijbiomac.2025.144887>
- Prakash Khanchandani, Aswath Narayanan, Ashwin A. Naik, Vishnu Kannan, Sai Sanwid Pradhan, Sai Krishna Srimadh Bhagavatham, Sujith Kumar Pulkool, Venketesh Sivaramakrishnan. (2024). Clinical Characteristics, Current Treatment Options, Potential Mechanisms, Biomarkers, and Therapeutic Targets in Avascular Necrosis of Femoral Head. *Medical Principles and Practice*, 33 (6): 519-536. DOI: <https://doi.org/10.1159/000541044>
- Remya James, Koushik Narayan Subramanyam, Febby Payva, Amrisa Pavithra, E., Vineeth Kumar, T. V., Venketesh Sivaramakrishnan and Santhy, K. S. (2024) In-silico Analysis Predicts Disruption of Normal Angiogenesis as a Causative Factor in Osteoporosis Pathogenesis. *BMC Genomics Data*, 25 (1) 85. DOI: <https://doi.org/10.1186/s12863-024-01269-z>
- Natarajan Arumugam, Datta Darshan, V. M., Vishal Venketesh, Sai Sanwid Pradhan, Anuj Garg, Venketesh 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: [10.1039/d4ra02432j](https://doi.org/10.1039/d4ra02432j)
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- Sujith Kumar Pulkool, Sai Krishna Srimadh Bhagavatham, Sudarshan K. Vijay, Abdulrahman I. Almansour, Sandeep Chaudhary, Farah Abuyousef, Na'il Saleh and Pratima Tripathi. (2024). Noninvasive Cardiac-Specific Biomarkers for the Diagnosis and Prevention of Vascular Stenosis in Cardiovascular Disorder. *Frontiers in Pharmacology*. 15: 1376226. DOI: [10.3389/fphar.2024.1376226](https://doi.org/10.3389/fphar.2024.1376226)
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- Anusha, B., Datta Darshan, V.M., Andallu, B. (2024) Inhibition of Proliferation of Human Osteosarcoma Cell Line (MG63) by Ajwain (*Trachyspermum Ammi*) Plant Extract. *Current Botany*, 15, 29-36. DOI: <https://doi.org/10.25081/cb.2024.v15.8673>
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- Ashim Kumar Dubey, Deepika Sardana, Taru Verma, Parvez Alam, Avik Chattopadhyay, Santhi Sanil Nandini, Balaram Khamari, Eswarappa Pradeep Bulagonda, Sobhan Sen, and Dipankar Nandi. (2024). Quantifying Membrane Alterations with Tailored Fluorescent Dyes: A Rapid Antibiotic Resistance Profiling Methodology. *ACS Infectious Diseases*, 10 (8), 2836–2859. DOI: <https://doi.org/10.1021/acsinfectdis.4c00249>
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- Athira, K., Siva Kumar, B., Giridhar Reddy, S., Prashanthi, K., Sanga Kugabalasooriar, and Jyothi Kumari Posa. (2024). A Novel Nature Inspired Ligno Alginate Hydrogel Coated with Fe<sub>3</sub>O<sub>4</sub>/GO for the Efficient Sustained Release of Levodopa. *Heliyon*. 10(23), e40547, DOI: [10.1016/j.heliyon.2024.e40547](https://doi.org/10.1016/j.heliyon.2024.e40547)
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- Patnama, D. P., Kanikaram, S. P., Kumar, P., Cheerla, V. S. K., Sivaramakrishnan, V., Tripathi, P., & Chandra, B. P. (2025). Simultaneous Determination of Polycyclic Aromatic Hydrocarbons, their Derivatives, and Phthalic Acid Esters Bound to Ambient PM 2.5 During Pre-Summer Season in Bengaluru, India, and Potential Effect on Protein Aggregation Diseases. *Environmental Science and Pollution Research*. DOI: <https://doi.org/10.1007/s13566-025-36035-w>
- Prathyusha, V., Anuradha, A., Swapan K. Ghosh, and Chandrakumar, K. R. S. (2025). Electrostatics Driven Hydrogen Adsorption in Covalently Bound Ionic Liquids on Carbon Nanomaterials: A Possible Pathway towards New Hybrid Materials for Hydrogen Storage. *Int. J. Hydrog. Energy*, 150, 150103. DOI: <https://doi.org/10.1016/j.ijhydene.2025.150103>
- Nikita Swarnkar, Anand Solomon Kamalakaran, Jagadeesh Chintha, Naga Sai Visweswar Kambhampati, Lakshminath Sripada, and Suganya Bharathi Balakrishnan (2025). Host-guest inclusion complexes of Tafamidis with  $\beta$ -Cyclodextrin: Preparation, Characterization, and in vitro Antibacterial and Antioxidant Approach. *Journal of Molecular Structure*, 1332, 141649. DOI: <https://doi.org/10.1016/j.molstruc.2025.141649>
- Sunil, A., Kumar, J. K., Shrijan Suresh, & Ashish Deep Chettri (2024). Catalytic Effect of the in-situ Rhodium (III) Complexes in Surfactant Medium on the Auto-oxidation of 1, 2-hydroxyphenylthiourea: A Theoretical and Experimental Study for Rhodium (III) Sensing. *Results in Chemistry*, 12, 101881. DOI: <https://doi.org/10.1016/j.rechem.2024.101881>
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- Bandaru, S., Arora, D., Kalathur Mohan Ganesh, Umrao, S., Sabu Thomas, Bhaskar, S., and Chakraborty, S. (2024). Recent Advances in Research from Nanoparticle to Nano-Assembly: A Review. *Nanomaterials*, MDPI, 14(17), 1387, DOI: <https://doi.org/10.3390/nano14171387>
- Amitananda, D., Guruswamy, V., Raja, K., Surya Surendra Babu, M., Pavana Kumari, G., and Naveen, M. (2024). Novel N-(3-ethynyl Phenyl)-6,7-bis(2-methoxyethoxy) Quinazoline-4-amine Derivatives: Synthesis, Characterization, Anti-cancer

## Chemistry

- Ravikumar Gurusamy, Vidya Sudhakaran Menon, Ananthan Alagumalai, Sivasankar Parameshwaran, Arya Kamal, Gowri Chandran Chandrakumar Veena, Sai Athmeeya G Shet, V N Ravi Kishore Vutukuri, Gurusamy Thangavelu Senthil Andavan, and Ananthanarayanan Krishnamoorthy (2025). Dual-Armed N-Methoxy Triphenyl-Aminated Phenothiazine-Linked Benzodithiophene Hole Transport and Interface Passivation Materials for Perovskite Solar Cells. *ACS Appl. Energy Mater.* 8 (13), 9083–9100. DOI: <https://doi.org/10.1021/acsaem.5c00747>
- Gopi, U. V., Akash Sai S. M., & Smaran, K. S. (2025). High Energy Density Symmetric Supercapacitors Coupling Redox-Active Gel Polymer Electrolytes with N-Doped Carbons. *Nanotechnology*, 36, 275701. DOI: <http://dx.doi.org/10.1088/1361-6528/ade71f>
- Gopi, U. V., Reddi, U. S., & Smaran, K. S. (2025). Functional Integration of MWCNT and Lanio3- $\Delta$  for Next-Generation



Activity, In-silico and DFT Studies. *Anti-Cancer Agents in Medicinal Chemistry*, 24, 514-532. DOI: <http://dx.doi.org/10.2174/0118715206276286231220055233>

- Amitananda, D., Guruswamy, V., Mohammed, B. H., Mustafa, S. A., Pavana Kumari, G., and Naveen, M. (2024). Design, Synthesis, and High-throughput in vitro Anti-cancer Evaluation of Novel 4-aminopyrazolo [3,4-d] Pyrimidine Derivatives: Potential Anti-Cancer Candidates Against UO-31 Renal Cancer Cells. *RSC Advances*, 14, 30938. DOI: <https://doi.org/10.1039/D4RA05136J>
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- Rokkam, S., K., Bhujel, M., Jain, D., Sripada, L., Nanduri, S., Bajaj, A., and Golakoti, N. R. (2024). Synthesis of Novel Pyrazole Acetals of Andrographolide and Isoandrographolide as Potent Anticancer Agents. *RSC Advances*, 14, 26625. DOI: <https://doi.org/10.1039/D4RA00547C>
- Book Chapter: Seemesh Bhaskar, Kalathur Mohan Ganesh, Deepshikha Arora, Yashika Gupta, Bala Gopal Maddala, Attila Bonyár, Walid Tawfik, Sai Sathish Ramamurthy, Naga Sai Visweswar Kambhampati (2025). Nanoengineering at Functional Plasmonic Interfaces. In Sai Sathish Ramamurthy, Seemesh Bhaskar and Narendra Reddy (Eds.), *Nano-Engineering at Functional Interfaces for Multi-Disciplinary Applications: Electrochemistry, Photoplasmonics, Antimicrobials, and Anticancer Applications Micro and Nano Technologies*, (1st ed., pp.47-73), Elsevier Inc., ISBN: 978-0-443-21691-6, DOI: <https://doi.org/10.1016/B978-0-443-21691-6.00004-4>
- Book Chapter: Kalathur Mohan Ganesh, Lis, S. S. M., Nayak, S. P., Das, P., Bhaskar, S., Reddy, N., Md A Hossain, Sanjeevi, C.B., Sai Sathish, R., Bhaktha B. N. S. (2025). Surface Plasmon Resonance Waveguides and their Applications: Insights from Functional Metal-Dielectric-Metal Interfaces. In Sai Sathish Ramamurthy, Seemesh Bhaskar and Narendra Reddy (Eds.), *Nano-Engineering at Functional Interfaces for Multi-Disciplinary Applications: Electrochemistry, Photoplasmonics, Antimicrobials, and Anticancer Applications Micro and Nano Technologies*, (pp. 93-121), Elsevier Inc., ISBN: 978-0-443-21691-6, DOI: <https://doi.org/10.1016/B978-0-443-21691-6.00006-8>
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- Book Chapter: Abraham, T.R., Kalathur Mohan Ganesh, Bhaskar, S., Sabu Thomas. (2025). Nanoscale Engineering for Biomedical Applications, In Sai Sathish Ramamurthy, Seemesh Bhaskar and Narendra Reddy (Eds.), *Nano-Engineering at Functional Interfaces for Multi-Disciplinary Applications: Electrochemistry, Photoplasmonics, Antimicrobials, and Anticancer Applications Micro and*

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- Book Chapter: Seemesh Bhaskar, Kalathur Mohan Ganesh, Sai Sathish Ramamurthy. (2024). Photonic Biosensors for Healthcare Applications. In Shammuga Sundar Dhanabalan, Arun Thirumurugan and Sridarshini Thirumaran (Eds.), *Advances in All-optical communications*, (pp. 9-1 to 9-31) IOP Science Publishing Ltd., ISBN: 978-0-7503-5621-3, DOI: <https://doi.org/10.1088/978-0-7503-5623-7>

## Education

- Lavanya, P., Sai Soujanya Kumari, B., & Padmambika, P. (2024). Value Education in Schools: A Collective Responsibility for Holistic Growth. *International Journal of Research and Analytical Reviews (IJRAR)*. 11(3), E-ISSN 2348-1269, P- ISSN 2349-513. DOI: <http://doi.org/10.1729/Journal.40703>
- Lavanya, P., Sai Soujanya Kumari, B., & Padmambika, P. (2024). Collaborative Learning and Group Dynamics in Digital Environments, *International Journal of Social Science and Education Research*; ISSN print: 2664-9845, ISSN online: 2664-9853. DOI: <https://doi.org/10.33545/26649845.2024.v6.i2b.131>
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- Padmambika, P., & Lavanya, P. (2024). The Role of Family Dynamics in Influencing Psychological Wellbeing of the Adolescents. *Inclusive*. II (25), 1273-1282. e-ISSN: 2278-9758.
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## Food and Nutritional Sciences

- Shrijana Rasaily, Ashrita, C.H., and Srividya, N. (2025). LC-Q-TOF-MS Phenolic Profiling, Data Mining for Antiviral Compounds, and In-Silico Analysis Against SARS-Cov-2 in Heritage-Pigmented Rice Metabolomes. *Food Bioscience*, 63, 1-14, 105613, 5.9 IF. DOI: <https://doi.org/10.1016/j.fbio.2024.105613>
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- Maddi Harika Sai, Thokada Rohini Kumari, Umapathi Naga Vinitha, Nimisha, P., and Padmaja, A. (2025). Extraction and Characterization of Dietary Fiber, Starch and Cellulose Microfibers from Field Bean and Cowpea Pods, *International Journal of Scientific Research in Engineering and Management (IJSREM)* 09 (02). ISSN: 2582-3930. DOI: 10.55041/IJSREM41720
  - Verma, S., & Sumana, A. (2025). Nutritional Support for Managing Diabetic Chronic Leg Ulcers in South India - A Case Report. *International Journal of Nutrition and Dietetics*, 11,1-14. DOI: <https://doi.org/10.17654/2347527725001>
  - Sai Lavanya, K., Sparsh Sumnirom Subba and Araveti Sumana. (2025). Formulation and Evaluation of Functional Foods for Management of Metabolic Dysfunction Associated Steatotic Liver Disease (MASLD). *International Journal of Nutrition and Dietetics*, 11, 37-60. ISSN: 2347-5277.
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  - Srividya, N., & Ghoora, M.D. (2024). Dietary Mineral Contribution and Mineral Quality Rating of Ten Culinary Microgreens Grown in Cocopeat vs. Compost-enriched Soil. *In. Clinical Nutrition ESPEN*, Volume 63, 1047, 2.9 IF. DOI: <https://doi.org/10.1016/j.clnesp.2024.07.212>
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  - Dharshini, S. S., Sudha, M. L., & Meera, M. (2024). Revolutionizing Nutrition: Exploring the Transformative Impact of Amaranth Integration on Composite Millet Flakes. *Food and Humanity*, 3, 100421. DOI: <https://doi.org/10.1016/j.foohum.2024.100421>
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## Humanities and Social Sciences

### ECONOMICS

- Sai Prabhakar, B., Raghavender Raju, G., & Satya Sai, M. (2025). Integral Welfare: A Holistic View of Economic Development. *Auchithyam*, 6(5), 58-78.
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- Prakash, D. B., & Vamsi, D. K. K. (2025). Global Dynamics and Time-Optimal Control Studies for Additional Food Provided Holling Type-III Mutually Interfering Prey-Predator Systems with Applications to Pest Management. *Discover Applied Sciences*, arXiv: 2406.15458. DOI: <https://doi.org/10.48550/arXiv.2406.15458>
- Seshasai Nath Chinagudaba, Darshan Gera, Vamsi, D. K. K., Uma Shankar, S., Kiran, K., Anil Singarajpure, Shivayogappa, U., Somashekar, N., Vineet Kumar Chadha, Sharath, B. N. (2024). Leveraging Machine Learning for Predictive Analysis of Tuberculosis Treatment Outcomes: A Comprehensive Study Using Karnataka TB Data. *Next Research*, 1(1) 100011, ISSN 3050-4759. DOI: <https://doi.org/10.1016/j.nexres.2024.100011>
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# Conference Presentations/ Proceedings

## Biosciences

- Jyothi Kumari Posa and B. S. Lakshmi. Chlorogenic Acid Alleviates Insulin Resistance Induced by Hyperinsulinemia in 3T3-L1 Adipocytes, *International Diabetes Summit 2025*, organised by Chellaram Diabetes Institute, Pune, (March 2025).
- Niharika Kambati and Pallavi Cheguru. Drug Repurposing of PDE5A Inhibitors in the Treatment of Lung Cancer: In-Silico Analysis to Explore Oncogenic Networks and Therapeutic Potential, *National Conference on Cancer Biology: Emerging Trends and Future Directions*, organised by Institute of Advanced Research (IAR), Gandhinagar, Gujarat, (February 28-March 1, 2025).
- K. N. Naresh, Mani Kanta Koppolu, K. Sathya Sai Kiran, and Sudam Bhoi. Peptides Derived from Carinoscorpis Rotundicauda Hemocyanin Exhibit Antimicrobial Potential: An in-Silico Evaluation Involving Molecular Docking and Molecular Dynamics Simulation Studies, *10th Indian Peptide Symposium*, organised by the Department of Chemistry, IISER Pune, (February 26-28, 2025).
- B. Anusha, Sai Sanwid Pradhan, Sai Phalguna Kanikaram, Datta Darshan V. M., and Venketesh Sivaramakrishnan. Neuroprotective Effects of Withaferin A as a GSK3b Inhibitor in Huntington Disease, *International Conference on Central Nervous System Disorders from Mechanisms to Medicine (ICCNS-2M-2025)*, organised by NIPER Ahmadabad, Gujarat, (February 17-19, 2025).
- Harsha M. M., Ashriti Chettri, Sai Phalguna, Venketesh Sivaramakrishnan, and Ramya E. M. Investigating the Impact of Permethrin Exposure on ALS Disease, *International Conference on Central Nervous System Disorders from Mechanisms to Medicine (ICCNS-2M-2025)*, organised by NIPER Ahmadabad, Gujarat, (February 17-19, 2025).
- Sai Sawid Pradhan, Raksha Rao, Uppala Radhakrishna, and Venketesh Sivaramakrishnan. Methionine Promote Mutant Huntingtin Aggregation by Modulating Choline Metabolism in Yeast Model of Huntington's Disease, *International Conference on Central Nervous System Disorders from Mechanisms to Medicine (ICCNS-2M-2025)*, organised by NIPER Ahmadabad, Gujarat, (February 17-19, 2025).
- Ashriti Chettri, Kanikaram Sai Phalguna, Venketesh Sivaramakrishnan, and Ramya E. M. Investigating the Impact of Pesticide Exposure on Huntington's Disease, *International Conference on Central Nervous System Disorders from Mechanisms to Medicine (ICCNS-2M-2025)*, organised by the Department of Pharmacology and Toxicology, NIPER Ahmadabad, Gujarat, (February 17-19, 2025).
- Kanikaram Sai Phalguna, Durga Prasad Patnana, Sai Sanwid Pradhan, B. Praphulla Chandra, and Venketesh Sivaramakrishnan. PM2.5 and its Constituents Modulate Protein Aggregation and Potentially Influence the Course of Huntington's Disease and Amyotrophic Lateral Sclerosis, *International Conference on Central Nervous System Disorders from Mechanisms to Medicine (ICCNS-2M-2025)*, organised by NIPER Ahmadabad, Gujarat, (February 17-19, 2025).
- Jami Uttej, Sai Anand, Sai Sanwid Pradhan, Kanikaram Sai Phalguna, Datta Darshan V. M., and Venketesh Sivaramakrishnan. Role of Neuropeptide Y4 Receptor, Cholecystokinin B Receptor and NPRL3 in Huntington's Disease, *International Conference on Central Nervous System Disorders from Mechanisms to Medicine (ICCNS-2M-2025)*, organised by NIPER Ahmadabad, Gujarat, (February 17-19, 2025).
- Krishnasalini Gunanathan and Venketesh Sivaramakrishnan. Deregulated Metabolic and Signalling Pathways Modulate Protein Aggregation in Yeast Model of Amyotrophic Lateral Sclerosis, *International Conference on Central Nervous System Disorders from Mechanisms to Medicine (ICCNS-2M-2025)*, organised by NIPER Ahmadabad, Gujarat, (February 17-19, 2025).
- Sreelakshmi P. R., Akash Rao G., Sai Sanwid Pradhan, Renu Minda, Ramya E. M., and Venketesh Sivaramakrishnan. Multi-Omics Analysis Elucidating Metabolic Modifiers in Parkinson's Disease, *International Conference on Central Nervous System Disorders from Mechanisms to Medicine (ICCNS-2M-2025)*, organised by NIPER Ahmadabad, Gujarat, (February 17-19, 2025).
- P. Gurung, Shakthi Thangavel, S. K., and A. S. Vishwanathan. Evaluating the Enhancement of Bacterial Electron Transfer Activity Using Plant-Based Polyphenolic Extracts, *National Conference for Undergraduate Research in Biosciences*, organised by the Department of Biology, Indian Institute of Science Education and Research, Tirupati, (December 16-17, 2024).
- Nirupama Sri Chaganti, Lavanya Reddy Bekkem, Bharathi Ramanan Rao, Shandhini R., and Pallavi Cheguru. Comparison of Conserved Residues Present at the Catalytic Site of Phosphodiesterases, *National Conference for Undergraduate Research in Biosciences (NCURB)*, organised by IISER Tirupati, (December 16-17, 2024).
- Pandit Nitu Kumari, Gouri Nandana S., Diksha Limbu, and Isha Sai. Effect of Mushrooms on Amyloid Formation of Huntingtin Protein in Yeast, *National Conference for Undergraduate*

**Research in Biosciences (NCURB)**, organised by the Department of Biology, Indian Institute of Science Education and Research, Tirupati, (December 16–17, 2024).

- Ashriti Chettri, Kanikaram Sai Phalgun, Lakshmi C. A., Venketesh Sivaramakrishnan, and Ramya E. M. Investigating the Impact of Permethrin Exposure on Huntington's Disease: A Comprehensive Approach Using Data Analysis and Yeast Model System, **National Conference for Undergraduate Research in Biosciences (NCURB)**, organised by IISER Tirupati, (December 16–17, 2024).
- Isha Sai. Mushroom Polysaccharides as Potential Nutraceuticals, **National Conference on Fungal Frontiers: Biodiversity, Biomolecules and Bioengineering Applications for Sustainable Perspectives**, organised by the Department of Botany (CAS), Jai Narayan Vyas University, Rajasthan, (November 27–29, 2024).
- Nirupama Sri Chaganti, Lavanya Reddy Bekkem, Jayasree Reddy Dalli, and Pallavi Cheguru. Investigation of the Metal Ion Binding Residues of Phosphodiesterases, **International Conference on Intra and Intercellular Regulatory Systems (IICRS)**, organised by University of Hyderabad, (November 18–21, 2024).
- Salma Khatoon, Palla Chinmayi, and Jyothi Kumari Posa. A Comprehensive Overview of Circulating microRNAs in the Pathophysiology of Type 2 Diabetes Mellitus, **International Conference on Intra and Intercellular Regulatory Systems**, organised by University of Hyderabad, (November 2024).
- Bulagonda Eswarappa Pradeep. Exploring Minocycline Heteroresistance Mechanisms in Clinically Isolated Escherichia coli, **IMMUNOCON - 51**, organised by Indian Immunology Society, Indian Institute of Science, Bengaluru, (October 17–20, 2024).
- Bulagonda Eswarappa Pradeep. Leveraging Artificial Intelligence for Enhanced Infection Prevention, Antimicrobial Stewardship, and Antimicrobial Resistance Mitigation, **Global South Conference on Infection Prevention and Control and Antimicrobial Stewardship (G-SPARC 2024)**, organised at Shilpakala Vedika, Hitech City, Hyderabad, (October 3–5, 2024).
- S. V. L. Sai Kushal Kumar, Nabi Rasool, Akula Narendra, and Bulagonda Eswarappa Pradeep. Understanding the Mechanisms Involved in the Emergence of Heteroresistance among Enterobacteriaceae, **Global South Conference on Infection Prevention and Control and Antimicrobial Stewardship**, organised at Shilpakala Vedika, Hitech City, Hyderabad, (October 3–5, 2024).
- Piyush Kumar, Sai Anand Kannakazhi, and Malleswara Dharanikota. Metabolic Profiling and Alpha Glucosidase Inhibition Potential of Endophytic Fungi from Swietenia Macrophylla for Improved Diabetes Management, **International Conference on Fungal Interactions with Plants and Animals: Scoping for the Future**, organised by VINSTROM, Chennai, (September 27–28, 2024).
- K. Sathya Sai Kiran, Sudam Bhoi, and K. N. Naresh. Nanomaterials Challenge the Conservation and Preservation of Horseshoe Crabs: A Biophysical Study Exhibiting Inactivation of Oxygen Carrier Protein of Horseshoe Crabs, **National Conference on Horseshoe Crab Conservation**, jointly organised by Center for Research and Conservation of Indian Horse Shoe Crabs, P. G. Department of Biosciences

& Biotechnology, Fakir Mohan University, Balasore, Odisha, and Zoological Survey of India, Kolkata, West Bengal, (August 18–19, 2024).

- Bulagonda Eswarappa Pradeep, Baram Khamari, Burri Venkata Krishna Reddy, Burri Ranga Reddy, and Brijesh Kashyap Chejerla. Transforming UTI Diagnosis and Treatment with AMRx®, an AI/ML-Enabled Prediction Tool, **ASM Microbe 2024**, organised by the American Society for Microbiology, Atlanta, Georgia, USA, (June 15–17, 2024).
- Bulagonda Eswarappa Pradeep, Arun Sai Kumar Peketi, S. V. L. Sai Kushal Kumar, Santanu Datta, and Arindam Ghatak. Elimination of Airborne MDR Pathogens Isolated from RTI Patients: POC of ZeBox Technology, **ASM Microbe 2024**, organised by the American Society for Microbiology, Atlanta, Georgia, USA, (June 15–17, 2024).

## Chemistry

- Undavalli Venkata Gopi, Sai Subham Saw, Akash Sai S. M. and Kumar Sai Smaran. Biomass Derived Carbon Supercapacitors: Sustainable Power for Health Monitoring Devices, **Sri Sathya Sai Global Conference on Ideal Health Care**, organized by Sri Sathya Sai Institute of Higher Medical Sciences, Prasanthi Nilayam, Puttaparthi, Andhra Pradesh (June 28–29, 2025).
- Manohar Bhujel, Sripada Lakshminath and G. Nageswara Rao. A Process of Isolation and Separation of Arjunolic Acid and Asiatic Acid from Heartwood of Terminalia Arjuna, **Sri Sathya Sai Global Conference on Ideal Health Care**, organized by Sri Sathya Sai Institute of Higher Medical Sciences, Prasanthi Nilayam, Puttaparthi, Andhra Pradesh (June 28–29, 2025).
- Bhargava Nithin Tumuluru, Jagadeesh Reddi, Nemallapalli Madhusudhan and A. Sunil. Sustainable Water Purification: Novel Nanozirconia-Intercalated Clay Composite for Fluoride Remediation, **Sri Sathya Sai Global Conference on Ideal Health Care**, organized by Sri Sathya Sai Institute of Higher Medical Sciences, Prasanthi Nilayam, Puttaparthi, Andhra Pradesh (June 28–29, 2025).
- Ashish Deep Chettri, Reddi Jagadeesh and A. Sunil. Green Synthesis of Reduced Graphene Oxide and Its Nano Composites for Degradation of Methylene Blue, **3rd International Conference on Recent Trends in Materials Science & Devices (ICRTMD - 2025)**, organized by the School of Sciences, JVMGRR College, Charkhi Dadri, Haryana, India (March 24–26, 2025).
- Mainak Mukherjee and V. N. Ravi Kishore Vutukuri. Tuning Singlet-Triplet Energy Gap in Donor-Spacer-Acceptor Based TADF Emitters - A DFT Study, **Conference on Advances in Chemistry for Energy and Environment (CACEE-2024)**, organized by Tata Institute of Fundamental Research (TIFR), Mumbai (December 16–20, 2024).
- Abhiprayas Sahoo, Bhargava Nithin T. and A. Sunil. Green Nanoparticles for Environmental Remediation, **International Symposium on Chemistry for a Sustainable Future: Bridging Science and Society**, organized by the Department of Chemistry, SSSIHL, Prasanthi Nilayam, Puttaparthi, Andhra Pradesh (December 13–14, 2024).
- Manohar Bhujel. TA-1,4-Bip, an amide derivative of Arjunolic Acid Induces Apoptosis by Enhancing ROS Production in Colorectal Cancer Cells, **Cancer NEXT 2024**, organized



by Nizam's Institute of Medical Sciences, Hyderabad in collaboration with the Federation of Asian Biotechnology, (November 30, 2024).

- Sai Athmeeya G. Shet, V. N. Ravi Kishore Vutukuri, Jan Michael Carrillo and Kumar S. S. K. Challa. Deciphering PVC Polymer Plasticizer Interactions Utilizing Potential of Mean Force Calculations - An Atomistic MD Simulation Study, *Physical Chemistry Symposium, SoPhyC-2024*, organized by IIT Bombay, Mumbai (October 22-25, 2024).
- Sai Athmeeya G. Shet, V. N. Ravi Kishore Vutukuri, Jan Michael Carrillo, and Kumar S. S. K. Challa. Design of Polymer Nanocomposites Involving Ceria, Polymers and Plasticizers for Biomedical Applications: A Molecular Dynamic Simulation Study, *Physical Chemistry Symposium, SoPhyC-2024*, in collaboration with the American Chemical Society (ACS) at IIT Bombay, Mumbai (October 22-25, 2024).
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- Chinthu Jagadeesh, Venkatesh S. and Naga Sai Visweswar K. Nanodiamond Antennas for 100x Enhanced SPCE from Electrospun Substrates Towards Potential Bio-sensing Applications, *AsiaNANO 2024, International Conference on Nanoscience and Nanotechnology*, organized by Department of Chemistry, IIT Madras in collaboration with the Asian Research Network, Korea (September 23-25, 2024).
- Akash Sai S. M., Undavalli Venkata Gopi and Kumar Sai Smaran. Ruddlesden-Popper Phases of LaNiO<sub>3</sub> Perovskite Oxides and Their Application in Supercapacitors, *Online International Symposium on Current Trends in Advanced Materials 2024*, organized by the Department of Chemistry, VIT-AP University's School of Advanced Sciences, in collaboration with the American Chemical Society (August 26-31, 2024).

## Education

- P. Lavanya and Anirudha. Empowering Tribal Communities Through Sustainable Employment Opportunities, *Two-Day National Seminar on Socio-Economic Empowerment of Particularly Vulnerable Tribal Groups (PVTGs) in India: Issues, Opportunities and Challenges*, organised by Centre for the Study of Social Inclusion (CSSI), Sri Krishnadevaraya University, Ananthapuramu, Andhra Pradesh, (March 27-28, 2025).
- B. Sai Soujanya Kumari, Aastha Priya and Srutika Panda. From Vulnerability to Vitality: Understanding Healthcare and Sanitation Challenges Among PVTGs, *Two-Day National Seminar on Socio-Economic Empowerment of Particularly Vulnerable Tribal Groups (PVTGs) in India: Issues, Opportunities and Challenges*, organised by Centre for the Study of Social Inclusion (CSSI), Sri Krishnadevaraya University, Ananthapuramu, Andhra Pradesh, ISBN: 978-93-5879-176-1, (March 27-28, 2025).
- B. Sai Soujanya Kumari, Bhabani Maharana and Padmashree Mohanty. Nurturing Nature: The Convergence of Tribal Welfare and Environmental Protection, *Two-Day National Seminar on Socio-Economic Empowerment of Particularly Vulnerable Tribal Groups (PVTGs) in India: Issues, Opportunities and Challenges*, organised by Centre for the Study of Social Inclusion (CSSI), Sri Krishnadevaraya University, Ananthapuramu, Andhra Pradesh, (March 27-28, 2025).
- P. Padmambika and T. Abhishikta. Identifying and Accessing the Challenges Faced by the Particularly Vulnerable Tribal Groups (PVTGs) in Odisha, *Two-Day National Seminar on Socio-Economic Empowerment of Particularly Vulnerable Tribal Groups (PVTGs) in India: Issues, Opportunities and Challenges*, organised by Centre for the Study of Social Inclusion (CSSI), Sri Krishnadevaraya University, Ananthapuramu, Andhra Pradesh, ISBN: 978-93-5879-176-1, (March 27-28, 2025).
- P. Padmambika, Sandhya Yadav and Krupa Sai. Educate to Elevate: Empowering Tribal Children for a Stronger Tomorrow, *Two-Day National Seminar on Socio-Economic Empowerment of Particularly Vulnerable Tribal Groups (PVTGs) in India: Issues, Opportunities and Challenges*, organised by Centre for the Study of Social Inclusion (CSSI), Sri Krishnadevaraya University, Ananthapuramu, Andhra Pradesh, (March 27-28, 2025).
- Rinchen Blon Tamang and P. Lavanya. Assessing the Educational Challenges and Opportunities of Tribal Students: A School-Level Study in Sikkim, *Two-Day National Seminar on Socio-Economic Empowerment of Particularly Vulnerable Tribal Groups (PVTGs) in India: Issues, Opportunities and Challenges*, organised by Centre for the Study of Social Inclusion (CSSI), Sri Krishnadevaraya University, Ananthapuramu, Andhra Pradesh, ISBN: 978-93-5879-176-1, (March 27-28, 2025).
- Rinchen Blon Tamang and P. Lavanya. A Study on Challenges, Aspirations and Educational Empowerment of Women College Students from Tea Garden Areas of Darjeeling, *Two-Day International e-Conference on Women Empowerment*, organised by Excellence International Publication Pvt Ltd, Aligarh, Uttar Pradesh, ISSN: 2349-8838, (March 23-24, 2025).
- P. Padmambika, P. Lavanya and B. Sai Soujanya Kumari. Innovative Strategies in Teacher Education in Line with NEP 2020, *UGC-Sponsored National Seminar on Educational Perspectives and Role of Teacher Educators in India*, organised by Department of Education, Acharya Nagarjuna University, Guntur, ISBN: 978-93-90028-86-3, (March 6-7, 2025).
- B. Sai Soujanya Kumari, P. Lavanya and P. Padmambika. Constructivist Learning in the Age of AI and EdTech: Bridging Theory and Practice, *International Conference on Leading Change in Teacher Education: Strategies for Effective Management in the Age of Digital Transformation*, organised by Tamil Nadu Teacher Education University, Chennai, ISBN: 978-3-96492-631-9, (January 29-31, 2025).
- Rinchen Blon Tamang and P. Lavanya. Blending Traditional Approach & Technological Approach: Exploring Digital Transformation in Teacher Education, *Three-Day International Conference on Leading Change in Teacher Education: Strategies for Effective Management in the Age of Digital Transformation*, organised by the Tamil Nadu Teachers Education University, Chennai, ISBN: 978-3-96492-631-9, (January 29-31, 2025).

- Rinchen Blon Tamang and P. Lavanya. Adapting to Change: Prospective Teacher Perspective Learning with AI and Social Media, *Two-Day International Conference on Challenges and Opportunities to Ensure Quality Education Through Modern Technology*, organised by National College of Education, Shimoga, India, ISSN (P): 2455-0418; ISSN (E): 2394-9724, (January 2-3, 2025).

## Food and Nutritional Sciences

- N. Srividya, Mounika Pandey, Sai Sruthi Shree, and Kavitha Kumaravel. Reformulated Indian Traditional Mixed Meal Elicit Desirable Glycemic & Insulinemic Response in Overweight/Obese Subjects, *IDF World Diabetes Congress 2025*, organised by the International Diabetes Federation, Bangkok, Thailand, (April 7-10, 2025).
- Sai Sruthi Shree, Kavitha Kumaravel, N. Srividya and Mounika Pandey. Glycaemic and Postprandial Insulinemic Responses of a Vegan, Gluten Free Protein Health Mix in Overweight/Obese Women, *IDF World Diabetes Congress 2025*, organised by the International Diabetes Federation, Bangkok, Thailand, (April 7-10, 2025).
- Rishika Aravapally, Amrita Shaw, Bezawada Sree Sesha Sravanika and Jhinuk Gupta. A Systematic Approach to Investigate Labeling Accuracy of Commercially Available Indian Baby Foods, *8th AMIFOST-2025*, organised by Amity University, India, eISSN: 2117-4458, (March 27-28, 2025).
- Poojitha Gali, Pradeepthi Marri and Tapasya Anand. Formulation & Evaluation of Plant-Based RTU Protein Mix for Athletes, *8th AMIFOST-2025*, organised by Amity University, India, eISSN: 2117-4458, (March 27-28, 2025).
- M. Srijaya, Beesetti Lohita and M. Vani Priya. Physicochemical and Sensory Attributes of the Selected Plant-Based Milk Analogues, *8th AMIFOST-2025 - International Conference on the Future of Food Science & Technology: Innovation, Sustainability and Health*, organised by Amity University, India, ISBN: 978-93-48954-56-5, (March 27-28, 2025).
- Bezawada Sree Sesha Sravanika and Jhinuk Gupta. Revolutionizing Food Safety: The Role of AI in Pathogen Detection, *8th AMIFOST-2025 - International Conference on the Future of Food Science & Technology: Innovation, Sustainability and Health*, organised by Amity University, India, ISBN: 978-93-48954-56-5, (March 27-28, 2025).
- Bellapu Ravvala Shreya, Sai Sruthi Shree K. K., Sri Manogna Pathri and Srividya Nagarajan. Positive Impact of Germination and Biofortification on the Content and Bioaccessibility of Zinc in Sindhoor Saal - A Light Bran Folk Rice Variety, *8th AMIFOST-2025 - International Conference on the Future of Food Science & Technology: Innovation, Sustainability and Health*, organised by Amity University, India, ISBN: 978-93-48954-56-5, (March 27-28, 2025).
- Bavatharani V., Amrita Shaw, A. Sunil and Jhinuk Gupta. Assessing Labelling Transparency and Heavy Metal Contaminants in Commercial Protein Powders, *8th AMIFOST-2025 - International Conference on the Future of Food Science & Technology: Innovation, Sustainability and Health*, organised by Amity University, India, ISBN: 978-93-48954-56-5, (March 27-28, 2025).
- Maddi Harika Sai, Thokada Rohini Kumari, Chaitanya Bhagavathi and A. Padmaja. Characterization and Evaluation of Biodegradable Films Based on Cellulose Microfibers of Cowpea and Field Bean Pods, *8th AMIFOST-2025 - International Conference on the Future of Food Science & Technology: Innovation, Sustainability and Health*, organised by Amity University, India, ISBN: 978-93-48954-56-5, (March 27-28, 2025).
- Annapoorna Sai Sathya V. and A. Sumana. Development and Sensorial Evaluation of Modified Traditional Breakfast Recipes for the Management of Metabolic Dysfunction-Associated Steatotic Liver Disease (MASLD), *8th AMIFOST-2025 - International Conference on the Future of Food Science & Technology: Innovation, Sustainability and Health*, organised by Amity University, India, ISBN: 978-93-48954-56-5. (March 27-28, 2025).
- Mounika Pandey and N. Srividya. In Vitro Evaluation of Polyherbal Tea Formulations with Anti-Diabetic Ingredients: A Synergistic Approach to Diabetes Management, *9th International Diabetes Summit*, organised by Chellaram Diabetes Institute, Pune, India, (March 7-9, 2025).
- Tapasya Anand and Rashmi Kapoor. Enhancing Type II Diabetes Management with the Functional Edible Mushroom *Calocybe Indica*, *9th International Diabetes Summit 2025*, organised by Chellaram Diabetes Institute, Pune, India, (March 7-9, 2025).
- A. Sumana. Glycaemic Response of Baked Functional Foods in Type 2 Diabetes Mellitus (T2DM) Subjects, *9th International Diabetes Summit 2025*, organised by Chellaram Diabetes Institute, Pune, India, (March 7-9, 2025).
- Sai Dharshini S. and Meera M. Composite Millet Flakes: A Nutritional Breakthrough for Diabetes Management and Gluten-Free Diets, *9th International Diabetes Summit 2025*, organised by Chellaram Diabetes Institute, Pune, India, (March 7-9, 2025).
- T. Rohini Kumari, M. Harika Sai, Umapathi Naga Vinitha, Nimisha P. and A. Padmaja. Extraction and Characterization of Dietary Fiber, Starch and Cellulose Microfibers from Field Bean and Cowpea Pods, *International Conference on Emerging Trends in Physics, Energy Storage Materials and Nanotechnology (ICEPEN 2025)*, organised by PG and Research Department of Physics, Mannar Thirumalai Naicker College (Autonomous), Madurai, Conference Proceedings, 152. ISBN: 978-93-6163-861-9, (February 3-4, 2025).
- Alisha Pradhan and M. Srijaya. Radiofrequency (RF) Treatment for Shelf-Life Extension of Whole Tomato Fruits: A Novel Approach to Post-Harvest Preservation, *5th International Electronic Conference on Food - The Future of Technology, Sustainability, and Nutrition in the Food Domain*, organised by Foods, MDPI, Basel, Switzerland, (October 28-30, 2024).
- Beesetti Lohita and Srijaya Mupparapu. Evaluating the Viability of Plant-Based Milk: A Sustainable Alternative to Dairy, *4th International Electronic Conference on Nutrients - Plant-Based Nutrition: Focusing on Innovation, Health, and Sustainable Food Systems*, organised by MDPI's journal Nutrients with co-organisation by San Raffaele University, Italy, (October 18, 2024).
- N. Srividya and A. C. Haldipur. Glycaemic Response to High Amylose, Fibre-Rich Red Rice Meals and In Vitro Antihyperglycemic Properties of Prebiotic Enriched



Fermented Red Rice Beverage, **46th ESPEN Congress on Clinical Nutrition & Metabolism**, organised by the European Society for Clinical Nutrition and Metabolism (ESPEN), Milan, Italy, (September 7-10, 2024).

- N. Srividya and M. D. Ghoora. Dietary Mineral Contribution and Mineral Quality Rating of Ten Culinary Microgreens Grown in Cocopeat vs. Compost-Enriched Soil, **46th ESPEN Congress on Clinical Nutrition & Metabolism**, organised by the European Society for Clinical Nutrition and Metabolism (ESPEN), Milan, Italy, (September 7-10, 2024).

## Humanities and Social Sciences

### ECONOMICS

- Sai Gopal, Rajbhushan J. Nayak, Olivier Dagnelie, and Debarshi Dey. A Study on Sri Sathya Sai Mobile Hospital, **Global Conference on Sri Sathya Ideal Health Care**, organised by Sri Sathya Sai Hospitals, Sri Sathya Sai Central Trust, Prasanthi Nilayam, (June 28-29, 2025).
- Abinaya V., S. S. S. D. P. Bhavani, Sai Gopal, Rajbhushan J. Nayak, Olivier Dagnelie, and Debarshi Dey. A Study on Sri Sathya Sai General Hospital, **Global Conference on Sri Sathya Ideal Health Care**, organised by Sri Sathya Sai Hospitals, Sri Sathya Sai Central Trust, Prasanthi Nilayam, (June 28-29, 2025).
- S. S. S. D. P. Bhavani, Abinaya V., Sai Gopal, Rajbhushan J. Nayak, Olivier Dagnelie, and Debarshi Dey. A Study on Sri Sathya Sai Super Hospitals, Prasanthigram & Whitefield, **Global Conference on Sri Sathya Ideal Health Care**, organised by Sri Sathya Sai Hospitals, Sri Sathya Sai Central Trust, Prasanthi Nilayam, (June 28-29, 2025).
- K. P. Chandana, Srinitha Daw, Rajdip Barai, Rajbhushan J. Nayak, Olivier Dagnelie, and Debarshi Dey. Diabetes & Hypertension Control: A KAP-Based Cross Sectional Analysis, **Global Conference on Sri Sathya Ideal Health Care**, organised by Sri Sathya Sai Hospitals, Sri Sathya Sai Central Trust, Prasanthi Nilayam, (June 28-29, 2025).
- P. Sai Latha, Rajbhushan J. Nayak, Olivier Dagnelie, and Debarshi Dey. Evaluating Patient Satisfaction at SSSGH's Maternity Services, **Global Conference on Sri Sathya Ideal Health Care**, organised by Sri Sathya Sai Hospitals, Sri Sathya Sai Central Trust, Prasanthi Nilayam, (June 28-29, 2025).
- Jonna Swathi, Rajbhushan J. Nayak, Olivier Dagnelie, and Debarshi Dey. A Study on Cancer Screening Awareness & Screening Uptake Among Women, **Global Conference on Sri Sathya Ideal Health Care**, organised by Sri Sathya Sai Hospitals, Sri Sathya Sai Central Trust, Prasanthi Nilayam, (June 28-29, 2025).
- Geethabala M. R. and Amuktamalyada. Celebrating Nature and Culture: The Role of Eco-tourism, Economy and Literature, **Conference on Ecotourism: Harnessing Travel to Discover Nature, Promote Conservation, and Support Sustainable Development**, organised by Karnataka Science and Technology Academy (KSTA), Department of Science and

Technology, Government of Karnataka, in association with Mount Carmel College, Vasanthnagar, Bengaluru, (February 19-21, 2025).

- Sai Prabhakar Balantrapu, G. Raghavender Raju, and M. Sathya Sai. Crop Price Prediction Using Actuarial Data Science Techniques, **International Conference on Actuarial Data Science Innovations for Sustainable Finance and ESG (ACTCON-25)**, organised by PG Department of Actuarial Science, Bishop Heber College, Tiruchirappalli, (February 12-13, 2025).
- Suresh Kumar Dahal and G. Raghavender Raju. Spillover of Exchange Rate Misalignment: Case of Nepal from India, **13th International Research Conference**, organised by Central Bank of Sri Lanka, Colombo, (December 13, 2024).
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- Manas Kandi. Individual Centric Versus Community-Centric Welfare Programs in India: A Comparative Examination of Political Party Manifestos and the Discourses on Freebie Politics, **National Seminar on India's New Politics: Populism, Welfare and Freebie-ism**, organised by Department of Political Science, Central University of Andhra Pradesh, (April 28-29, 2025).
- Sujana. Atmanirbhar Bharat and the Case of India's Defence Manufacturing Sector: Opportunities and Challenges, **National Seminar on Roadmap to Viksit Bharat @2047: Strategic Insights into Visualising Excellence in the Manufacturing Sector**, organised by Department of Management, Central University of Andhra Pradesh, (March 21-22, 2025).

- Sujana. Lateral Entry in Civil Services in India: Issues and Challenges in Contemporary India, *National Seminar on Mission to Vision: Addressing the Issues & Challenges of India's \$5 Trillion Economy*, organised by Department of Business Management in collaboration with Department of Social Sciences, St. Pious X Degree & PG College for Women, Hyderabad, (March 11-12, 2025).
- Sujana. Netizens and the Digital Spaces: Efficacy of the Political Communication Strategies, *National Conference on Political Consultancy in India: Issues & Challenges*, organised by Department of Political Science, Maulana Azad National Urdu University, in collaboration with Billion Connect, Hyderabad, (February 24-25, 2025).
- Sujana. Climate Jurisprudence in India: Its Evolution, Agenda and Milestones, *National Conference on Sustainable Development: Good Governance and Rule of Law*, organised by SVKM's Pravin Gandhi College of Law, Mumbai, (July 20, 2024).

## Languages and Literature

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- Nikila Bhutia and Aarthi R. M. Frankenstein's Monster to Robert Sophia: The Evolution of the 'Other' in Society, *Two Day International Conference on Narratives in English & Foreign Languages: Stories Across Time, Space & Cultures*, organised by the Department of English and Foreign Languages, SRM Institute of Science and Technology, Kattankulur, (April 3-4, 2025).
- Saipriya Babu and Aarthi R. M. Potions of Peril: The Ethics of Self-Experimentation in Stevenson's Strange Case of Dr Jekyll and Mr Hyde, *Two Day International Conference on Narratives in English & Foreign Languages: Stories Across Time, Space & Cultures*, organised by the Department of English and Foreign Languages, SRM Institute of Science and Technology, Kattankulur, (April 3-4, 2025).
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- Aditi Rana and Sowmya Srinivasan. Love's Hate Behind a White Veil: A Counterplay Between Ageing, Trauma and Revenge, *International Conference on Gerontology and Geriatrics - The Process of Ageing and the Role of Old Age Homes in Providing Social Security*, organised by PDPM IIITDM, Jabalpur, (March 22-23, 2025).
- Dikshya Chettri and Aarthi R. M. Tracing the Elements of Eco Postcolonialism in Amitav Ghosh's The Hungry Tide, *Lit-Treat V - Language, Literature and Beyond: Exploring New Frontiers in English Studies*, organised by the Department of Languages and Literature - English, Sri Sathya Sai Institute of Higher Learning, Andhra Pradesh, (March 14-15, 2025).
- Sanya Ahuja and Siddhartha R. Decolonised to Recolonise: Post-Colonial India as a Coloniser in Indigenous Himalayan Narratives, *Lit-Treat V - Language, Literature and Beyond: Exploring New Frontiers in English Studies*, organised by the Department of Languages and Literature - English, Sri Sathya Sai Institute of Higher Learning, Andhra Pradesh, (March 14-15, 2025).
- Aditi Rana and Sowmya Srinivasan. The Echoes of Betrayal: Exploring Trauma in Ageing and Emotional Stagnation in Havisham, *Lit-Treat V - Language, Literature and Beyond: Exploring New Frontiers in English Studies*, organised by the Department of Languages and Literature - English, Sri Sathya Sai Institute of Higher Learning, Andhra Pradesh, (March 14-15, 2025).
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- Namisha K. and N. Vani Sri. Analysing Intergenerational Partition Trauma in Dattani's Final Solutions, *Lit-Treat V - Language, Literature and Beyond: Exploring New Frontiers in English Studies*, organised by the Department of Languages and Literature - English, Sri Sathya Sai Institute of Higher Learning, Andhra Pradesh, (March 14-15, 2025).
- Jagriti Sharma and N. Vani Sri. Realism vs. Romanticism in Anita Desai's The Village by the Sea, *Lit-Treat V - Language, Literature and Beyond: Exploring New Frontiers in English*



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- Saipriya Babu and N. Vani Sri. Beyond the Illusions: A Jungian Archetypal Analysis of Chitra Banerjee Divakaruni's a Palace of Illusions, *Lit-Treat V - Language, Literature and Beyond: Exploring New Frontiers in English Studies*, organised by the Department of Languages and Literature - English, Sri Sathya Sai Institute of Higher Learning, Andhra Pradesh, (March 14-15, 2025).
  - Kashvi Gaur and Prashant Luthra. Cognitive Distortions of the Displaced in The Kashmir Files: A Study Incorporating Aaron Beck's Negative Cognitive Triad, *Lit-Treat V - Language, Literature and Beyond: Exploring New Frontiers in English Studies*, organised by the Department of Languages and Literature - English, Sri Sathya Sai Institute of Higher Learning, Andhra Pradesh, (March 14-15, 2025).
  - Pratiksha Pradhan and Vijayalekshmi R. From Floodscape to Memoryscape: Witness Narratives of Arsat ko Bhal Pair of River Teesta as an Antidote to Environmental Generational Amnesia, *Lit-Treat V - Language, Literature and Beyond: Exploring New Frontiers in English Studies*, organised by the Department of Languages and Literature - English, Sri Sathya Sai Institute of Higher Learning, Andhra Pradesh, (March 14-15, 2025).
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  - Priyamvada C., Maitali Khanna and M. Praphulla. Unravelling the Suggestive Tale in T. S. Eliot's Journey of the Magi Through the Lens of Vivakṣitānyaparavācyā Dhvani, *Lit-Treat V - Language, Literature and Beyond: Exploring New Frontiers in English Studies*, organised by Department of Languages and Literature - English, Sri Sathya Sai Institute of Higher Learning, Andhra Pradesh, (March 14-15, 2025).
  - B. Sai Harshitha and Sowmya Srinivasan. Of Boochandis, Rakshasas and Asuras: Reimagining the Nonhuman Monster in Select Indian Picture Books in English, *Lit-Treat V - Language, Literature and Beyond: Exploring New Frontiers in English Studies*, organised by Department of Languages and Literature - English, Sri Sathya Sai Institute of Higher Learning, Andhra Pradesh, (March 14-15, 2025).
  - Meghana Srinivas Mandalappu and Rani P. L. Sign Language: A Comparative Study of American, British, and Indian Sign Languages, *Lit-Treat V - Language, Literature and Beyond: Exploring New Frontiers in English Studies*, organised by Department of Languages and Literature - English, Sri Sathya Sai Institute of Higher Learning, Andhra Pradesh, (March 14-15, 2025).
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  - B. Sai Vaishnavi and Maitali Khanna. Stories Silenced by the Social Stereotypes: Foregrounding Narrativity in Jayanta Mahapatra's Selected Lyrics Using Abbott Porter's Definitions of Narrative Elements, *Lit-Treat V - Language, Literature and Beyond: Exploring New Frontiers in English Studies*, organised by Department of Languages and Literature - English, Sri Sathya Sai Institute of Higher Learning, Andhra Pradesh, (March 14-15, 2025).
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  - G. V. D. Harshaprada and Aarthi R. M. Restoring Narnia: Ecological Memory, Environmental Resilience and Sustainable Land Use in C.S. Lewis' Prince Caspian, *International Conference on Navigating Sustainability: Multidisciplinary Approaches in English Language, Literature & Society*, organised by PG Dept. of English, Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai, (February 28, 2025).
  - Sathyapriya Dharshini S. and Aarthi R. M. Unmasking More Than a Killer: The Gendered Struggle for Power in Kerri Maniscalco's Stalking Jack the Ripper, *International Conference on Navigating Sustainability: Multidisciplinary Approaches in English Language, Literature & Society*, organised by PG Dept. of English, Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai, (February 28, 2025).
  - Chethana T. K. Introducing Vocabulary-based Learning Methodology for the Improvement of English Proficiency in SCERT Students in Kerala, *Conference for Research Scholars in English Language (COREL) 2025: Interfaces in English Language Studies: Navigating Politics, Policies, Research, and Innovations*, organised by the University of Hyderabad, Hyderabad (February 14-15, 2025).
  - Dikshya Chettri and Sai Archana M. Psycholinguistic Approaches to English Language Development: A Corpus-Based Study of Young Learners in India Through NCF 2023 Guidelines, *Conference for Research Scholars in English Language (COREL) 2025: Interfaces in English Language Studies: Navigating Politics, Policies, Research, and Innovations*, organised by University of Hyderabad, Hyderabad, (February 14-15, 2025).
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  - Sai Govardhan Jagadeeswaran. Fighting Societal Appeal: Two Cases of Exposing (Healthy) Truth against Post-Truth, **Reimagining English Language, Literature, and Culture in a Changing World**, organised by Bharathidasan University, (January 31-February 1, 2025).
  - Meghana Srinivas Mandalappu. Hands That Speak: An Exploratory Case Study on Indian Sign Language, **15th Students' Conference of Linguistics in India**, organised by University of Delhi, (January 29-31, 2025).
  - Saipriya Babu and N. Vani Sri. The Word-Made Body: A Plot Analysis of Meena Kandasamy's When I Hit You: Or, A Portrait of the Writer as a Young Wife Through the Lens of Trauma Studies, **Breaking the Silence: Interdisciplinary Perspectives on Gender Exploitation and Resistance**, organised by SRM University, Amaravati, (December 17-18, 2024).
  - Lekshmi Chandra and Rani P. L. Melting of the Spaces of Memory: A Study on Raja Shehadeh's a Rift in Time, **International Conference on Conflict Dynamics in Arabic and World Literature & Culture**, organised by Journal of Arabic and World Literature, (December 7-9, 2024).
  - B. Sai Harshitha and Sowmya Srinivasan. A Narrative or a Plaything? The Case of the Picturebook in the Hands of Gen Alpha, **International Conference on Stories Matter: (Re)-thinking Narratives, Aesthetics, and Human Values**, organised by Banaras Hindu University, Varanasi, (December 6-7, 2024).
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  - Lekshmi Chandra and Rani P. L. Exile, Memory and History: An Examination of Memoirs Written on Palestinian Diaspora, **MSA Forward 2024 "Memories in Transit" Online Workshop**, organised by Memory Studies Association, (November 7-8, 2024).
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- M. G. Mahabala Rao. Ayurveda and TantraYukti, **Use of Samskrit in Ayurveda Shastra**, organised by Global Sanskrit Forum, at Smt. K. C. Ajmera Ayurved Mahavidyalaya, Dhule, Maharashtra, (June 28-29, 2025).
  - K. P. Yadusree. Keraleeya Samskrita Roopaketihasa Vimshati Shatabdeeya Roopakanam Vaishishtyam, **National Seminar on Bharatheeya Jnana Parampara- Rajyasthareeya Shaikshika Yogadanam**, organised by Central Sanskrit University, Guruvayoor Campus, Puranattukara, Kerala, (March 3-5, 2025).
  - M. G. Mahabala Rao. Krutrima Buddimattayuge Bharatheeya Jnana Parampara (IKS in the Age of AI), **Indian Knowledge System - Sustainable Tool for Viksit Bharat-2047**, organised by I.Q.A.C., S.K.C.G. Autonomous College, Paralakhemundi, Gajapati, Odisha, Hybrid, (February 11-13, 2025).
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- ## TELUGU
- G. Yamuna Rani. Ramakatha Rasavahini - Upadesa Vaichithi, **Telugulo Ramayanalu - Samajika Drukpatham**, organised by C.P. Brown Library and Yogi Vemana University, Kadapa, CIIL Nellore, (February 18-19, 2025).
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- B. P. Rao, M. P. Swamy and V. Jain. Innovative Engagement in School Libraries: A Case Study of Jawahar Navodaya Vidyalaya (JNV) Schools in Rayalaseema, Andhra Pradesh, **70th ILA International Conference on Libraries and Artificial Intelligence: Empowering Users for Sustainable Knowledge System**, organised by Dr. B. R. Ambedkar Library, University of Agricultural Sciences, Raichur, Karnataka, (March 20-22, 2025).
  - K. Chandrika, M. P. Swamy and B. P. Rao. Transforming Student Learning Through Innovative Library Activities: A Case Study of Capitol Public School, Bengaluru, **National Conference on Technology, Education, and Media for Academic and Public**



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- K. G. Srinivas, B. P. Rao and M. P. Swamy. The Role of School Libraries in Fostering Reading, Critical Thinking and Socio-Emotional Growth: A Case Study of the Westberry School, **National Conference on Technology, Education and Media for Academic and Public Library Empowerment (TEMPLE-2024)**, organised by Sri Venkateswara University, Central Library, Tirupati, (December 7-8, 2024).
- D. Gnanasekaran, V. Jain, M. P. Swamy and N. Muruli. Mapping the Research Productivity of Top NIRF-Ranked Universities in Delhi, **Fifth International Conference on Science & Technology Metrics (STMET 2024)**, organised by Tien Giang University, My Tho, Vietnam, (October 17-19, 2024).

## Management and Commerce

- Sai Manohar S. and N. Sivakumar. Financial Inclusion for Sustainable Development in the Indian Context, **International Conference on Sustainability, Innovation, Practices and Advancements in Management**, organised by Faculty of Management, Vivekananda Global University, Jaipur, (June 27-28, 2025).
- K. J. Srinivas, B. Sai Giridhar and N. Sivakumar. Sustainable Farming - An Integrative Analysis of Farm Management Techniques Using Theory of Biological Equilibrium and Vedic Equilibrium Chakra Models, **International Conference on Sustainability, Innovation and Advancements in Management**, organised by Vivekananda Global University, Jaipur, (June 2025).
- L. K. Prasad Rayaprolu and N. Sivakumar. Entrepreneurship Education Aligned with NEP 2020 in a Values Driven Higher Education Environment, **International Conference on Transformative Reforms in Higher Education: Best Practices in Implementation of NEP 2020**, organised by NEP Implementation Cell, IFHE IBS Case Research Center, ICFAI Foundation for Higher Education (IFHE), Hyderabad, (June 12-13, 2025).
- Sai Manohar S. and N. Sivakumar. Transformative Practices in Higher Education: A Study of Sustainable Practices at the Nandigiri Campus of Sri Sathya Sai Institute of Higher Learning with its Linkages to SDGs, **International Conference on Transformative Reforms in Higher Education: Excellence in Implementation of NEP 2020**, organised by IFHE, Hyderabad, ISBN: 978-81-987663-8-0, (June 12-13, 2025).
- Telukdarie A., Nyathi M. and M. S. Saivinod. Leveraging AI for Automation in ESG Reporting, **DTS-2025 (Digital Transformation Society Conference)**, organised by Paris Business School and The University of Naples Parthenope, Paris, France, (May 22-23, 2025).
- N. Sivakumar and U. Pranav. Integrating DEI With SDGs Through Strategic Emphasis - A Systems Theory-Based Framework, **MRCOIN 2025**, organised by School of Leadership and Management, Manav Rachna International Institute of Research and Studies, Faridabad, (April 24-25, 2025).
- N. Sivakumar and U. Pranav. Corporate Social Responsibility for SDG 4 - Inclusive and Equitable Education for India 2047, **National Conference on India 2047: Innovate, Engage and Transform**, organised by Jain (Deemed to Be University) in Association with MILES Education, USA, Bengaluru, (March 24, 2025).
- N. Jayaprada. Challenges and Solutions for Sustainable Solid Waste Management in Rural India, **International Conference on Transforming Business, Economy & Environment: Strategies for Sustainability**, organised by Sri Kaliswari Institute of Management and Technology, Sivakasi and Department of Business Administration, V.V. Vanniaperumal College for Women, Virudhunagar, affiliated to Madurai Kamaraj University, (March 19, 2025).
- Swetha Thiruchanuru. The Role of Technology in Enhancing Work-Life Quality: SEM Analysis, **8th National Conference on Viksit Bharat @2047: Harnessing the Power of Sustainability and Inclusive Growth**, organised by Amity School of Economics, Noida, (March 17-18, 2025).
- Swetha Thiruchanuru and M. V. Chittan. Artificial Intelligence and Business Model Innovation: A Dynamic Capabilities Perspective, **National Conference on AI and FinTech: Crafting the Future of Global Business**, organised by Manikam Ramaswami College of Arts and Science, MRCAS Campus, Madurai, Tamil Nadu, (March 6, 2025).
- Aishwarya Lakshminarayan and U. Suma. Leadership Qualities Through the Lens of Srimad Bhagavad Gita: A Cross Comparative Exploration of Leadership Literature and the Srimad Bhagavad Gita, **12th International Conference on Happiness and Well-Being Amidst Polycrisis: Insights from Indian Knowledge Systems**, organised by School of Management Sciences, Varanasi, (March 1-2, 2025).
- N. Jayaprada. Balancing Sustainability and Community Empowerment: A Case Study of Rural Tourism in Madla and Pranpur, Madhya Pradesh, **National Conference on Ecotourism: Harnessing Travel to Discover Nature, Promote Conservation, and Support Sustainable Development**, organised by the Department of Science and Technology, KSTA, Govt. of Karnataka, Bengaluru, (February 19-21, 2025).
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- G. Sai Teja, Shivansh Tiwari and K. J. Srinivas. Risk Management Framework for Gen-AI Adoption in BFSI, **International Conference (INCON)**, organised by ASM Group of Institutions, Pune, (January 2025).
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Approaches, *National Conference on Embracing Change & Transformation: Breakthrough Innovation & Creativity in Business and Management*, organised by Sanskrithi School of Business, Puttaparthi, (December 14, 2024).

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- Aparna V., C. Jayashree and Sri Satya Sai Mudigonda. Empowering the Underserved: Exploring Technology and Innovation in Microfinance, *12th International Conference on Emerging Trends in Corporate Finance and Financial Markets*, organised by SDMIMD, Mysuru, (October 24-25, 2024).
- Sai Naveen R. Rationalizing Vulnerability in Leadership: A Systematic Review and Future Prospects, *84th Annual Meeting of the Academy of Management: Innovating for the Future: Policy, Purpose, and Organization*, Chicago, Illinois (August 9-13, 2024).
- Sai Naveen R., U. Suma and Surya Prakash Pati. Rationalizing Vulnerability in Leadership: A Systematic Review and Future Prospects, organised by *Academy of Management Proceedings*, (July 9, 2024).

## Mathematics and Computer Science

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