

Detailed CV

Name : Dr.Ramesh Sabu Gani

Educational Qualification : M.Sc. M.Phil. PhD

Designation: Assistant Professor

Address for Correspondence: Department of Industrial Chemistry,

Mangalore University,

Mangalgangothri,

State: Karnatak, Mangalore-574199, India

E-mail: ramesh180769@gmail.com rameshgani@mangaloreuniversity.ac.in

Phone: +918277346847

Research Areas: Synthetic organic chemistry, Medicinal chemistry, and Polymer chemistry.

Professional Teaching Experience: 13 Years and Industrial Research Experience 10 Years

Research Guidance (M.Phil. /Ph.D.):

Completed students' list (with hyperlinks to their CV if available)--

Ongoing Registered Students' list

| SNO | Name of the student | Title |
|-----|-------------------------|---|
| 1 | Ms. Shwetarani Rajamani | Synthesis, characterization and antimicrobial properties of polymeric nanocomposite films for food packaging applications |
| 2 | Mr.Govinda Anjanayya | Synthesis, characterization and evaluation of antidiabetic activity of new heterocyclic compounds |
| 3 | Mr.B.Rajesh | Synthesis, spectral, molecular docking studies and antimicrobial activities of some new heterocyclic compounds |

Research Projects (List) (if applicable)

Completed -

Ongoing -

Consultancy Projects (if applicable)

Completed -

Ongoing -

Professional Collaboration (if applicable)

International -01

National 07



Research Journal Publications (list)

International: 35 National: 01 Total 36

- [1] R. Bonagiri, R.S. Gani, B.S. Mathada, M.B. Hiremath, N.R. Bashetti, V.A. Adole, S.D. Joshi, G. Anjanayya, S.S. Mangalawede, Synthesis, spectroscopic, theoretical and computational investigations of novel indole fused tris-heterocyclic compounds: as high portentous antimicrobial agents, *Journal of Molecular Structure* 1339 (2025) 142357.
- [2] G. Anjanayya, R. Gani, M. Hiremath, A. Kavital, S. Joshi, K. Timanagouda, R.A. Aziz, S.V. Raghu, Mathada, S. Basavarajaiah, Exploration of a Novel Indole/Pyrazole Scaffold as a Promising Dual α -Glucosidase and α -Amylase Inhibitor: an In Vitro, In Vivo and In Silico Approach Toward Antidiabetic Drug Design, *Russian Journal of Bioorganic Chemistry* 51(2) (2025) 755-771.
- [3] B.T. Sridhar, G.Y. Nagesh, K. Prashantha, M. Yamuna, S. Sanjay, K.R. Srinath, K. Ranjinikanth, R.S. Gani, R. Nalini, S.M. Basavarajaiah, Discovery of Novel Isatin Encompassing Oxadiazoles as Potential Inhibitors against New Delhi Metallo- β -lactamase-1: Synthesis, Spectral Analysis, Antimicrobial, and Molecular Modeling Studies, *Russian Journal of Bioorganic Chemistry* 50(4) (2024) 1376-1389.
- [4] G. Anjanayya, R. Gani, A. Kudva, S. Joshi, M. Hiremath, A. Kavital, K. Timanagouda, B. Mathada, M. Javeed, R. Aziz, S. Raghu, Synthesis of novel oxadiazole derivatives: DFT calculations, molecular docking studies, and in vitro, in vivo evaluation of antidiabetic activity using *Drosophila melanogaster* model, *Journal of the Iranian Chemical Society* 21(8) (2024) 2221-2237.
- [5] B.T. Sridhar, N. Gunavanthrao Yernale, R.S. Gani, N. Gupta, S.V. Ganachari, B. Suliphuldevara Mathada, A concise review on recent development of indole derivatives for anticancer activities, *Journal of the Indian Chemical Society* 101(10) (2024) 101282.
- [6] Shailendra. S. Mangalawede, Ramesh S. Gani Impact of Agriculture Fertilizer Containing Nitrogen on Oxygen Consumption of Freshwater Fish; *Tilapia mossambica*, *International Journal of Science and Research* 13(02) (2024) 554-560.
- [7] S. Rajamani, R. Gani, S. Varija Raghu, A. Kudva, M. Hiremath, A. Kavital, N. Ramanath, A. Nasalapure, Synthesis and characterization of polymeric composites with *Cascabela thevetia* incorporated zinc nanoparticles: Food packaging applications, *Journal of Applied Polymer Science* 140 (2023).
- [8] R.S. Gani, A.K. Kudva, K. Timanagouda, Raghuveer, S.B.H. Mujawar, S.D. Joshi, S.V. Raghu, Synthesis of novel 5-(2,5-bis(2,2,2-trifluoroethoxy)phenyl)-1,3,4-oxadiazole-2-thiol derivatives as potential glucosidase inhibitors, *Bioorganic Chemistry* 114 (2021) 105046.
- [9] Nityasree B R Raju Krishna Chalannavar, R.S. Gani, Sabia. Kaouser. a. Divakar M S, R.B. Malabadi, Bioinspired synthesis of zinc oxide nanoparticles by using leaf extract of *Solanum lycopersicum* L. for larvicida activity of *Aedes aegypti* L., *Advances in Natural Sciences: Nanoscience and Nanotechnology* 12 (2021) 015009.
- [10] R.S. Gani, K. Timanagouda, S. Madhushree, S.D. Joshi, M.B. Hiremath, S.B.H. Mujawar, A.K. Kudva, Synthesis of novel indole, 1,2,4-triazole derivatives as potential glucosidase inhibitors, *Journal of King Saud University - Science* 32(8) (2020) 3388-3399.
- [11] V.K.A. Nasalapure, R.K. Chalannavar, R.S. Gani, D.R. Kasai, Preparation and characterization of polyvinyl alcohol and carboxy methyl cellulose hydrogel film for biomedical application, *AIP Conference Proceedings* 2244(1) (2020) 080001.

- [12] M. B. Patil S. B. Rajamania, R.S.Gani novel poly(vinyl alcohol)-gacrylamide graft membranes as oxygen barriers and their application in fruits and vegetable packaging, *acta chemica iasi*, 28(2) (2020) 62-174.
- [13] A. Nasalapure, R. Chalannavar, R. Gani, D. Kasai, Effect of gum acacia on chitosan / poly (vinyl alcohol) blend matrice for biomedical application, 11(1) (2019) 60-66.
- [14] R.S.Gani. Avinash Kundadka Kudva. Vinothkannan Ravichandiran, Dhananjaya B. L, Ravindra B. Chougale and Karabasana Gouda Synthesis, Characterization and in Silico Pharmacological Predictions Studies of Some Oxadiazole, Triazole, Pyrrole Based Fused Indole Derivatives as Potential Antimicrobial Agents, *International Journal of Pharmacy and Biological Sciences* 9(1) (2019) 517-530.
- [15] N. Uwabagira, B.K. Sarojini, M.K. Shankar, R.S. Gani, Potent pharmacophoric aminothiazole derivatives as FabH inhibitors for antibacterial activity: in vitro and in silico approach, *SN Applied Sciences* 1(11) (2019) 1375.
- [16] Prakash Karegoudar, Karabasanagouda T, Ramesh S.Gani, synthesis, characterization and antimicrobial activity of some novel schiff and mannich bases derived from 1, 2, 4- triazoles, *International Research Journal Of Pharmacy* 10 (2019) 103-108.
- [17] Sujatha.K.Shilapa.Ramesh S Gani, synthesis, antifungal and anti bacterial activity of n-(4-chloro-2-trifluoroactyl phenyl) - aminothiazole derivatives, *international research journal of pharmacy* 10(4) (2019) 150-155.
- [18] D. Kasai, R. Chougale, S. Masti, R. Chalannavar, R.B. Malabadi, R. Gani, G. Gouripur, An Investigation into the Influence of Filler Piper nigrum Leaves Extract on Physicochemical and Antimicrobial Properties of Chitosan/Poly (Vinyl Alcohol) Blend Films, *Journal of Polymers and the Environment* 27(3) (2019) 472-488.
- [19] D. Kasai, R. Chougale, S. Masti, R. Chalannavar, R.B. Malabadi, R. Gani, Influence of Syzygium cumini leaves extract on morphological, thermal, mechanical, and antimicrobial properties of PVA and PVA/chitosan blend films, *Journal of Applied Polymer Science* 135(17) (2018) 46188.
- [20] A. Nasalapure, R. Chalannavar, R. Gani, R. Malabadi, D. Kasai, Tissue engineering of skin: A review, *Trends in Biomaterials and Artificial Organs* 31 (2017) 69-80.
- [21] Ramesh S Gani, Shwetha Kumari MP, Raju K Chalannavar, Ravindra B Malabadi, Saraswati Masti and Deepak Kasai, Chemo Selective Synthesis and Evaluation of Antimicrobial Activity of Novel 5-hydroxyindole Derivatives, *Der Pharmacia Sinica*, 8(2) (2017) 1-9.
- [22] Raju.K.Chalannavar. Ravindra B. Malabadi, Neelambika T. Meti, Ramesh S. Gani, Sudabattula Vijayakumar, Gangadhar S. Mulgund, Saraswati Masti, Ravindra Chougale, Bharati Odhav, K. Sowmyashree, S. Supriya, B. R. Nityasree and M. S. Divakar, Insulin Plant, *Costus speciosus*: Ethnobotany and Pharmacological Updates, *Int. J. Curr. Res. Biosci. Plant Biol.* 3(7) (2016) 151-161.
- [23] Raju.K.Chalannavar. Ravindra B. Malabadi, Raquel M. Gleiser , Neelambika T. Meti, Sudabattula VijayaKumar, Gangadhar S. Mulgund, Ramesh S. Gani , Ravindra Chougale , Sarswati Masti , Bharati Odhav, and Himansu Baijnath, Ebola Virus; Updates on Plant Made Vaccine Development *International Journal of Research and Scientific Innovation* 3(6) (2016) 4-12.

- [24] Ravi. Malabadi, R. Chalannavar, N. Meti, S. Vijayakumar, G. Mulgund, R. Gani, S. Supriya, K. Sowmyashree, N. B R, A. Chougale, D. M S, Antidiabetic Plant, *Gymnema sylvestre* R. Br., (Madhunashini): Ethnobotany, Phytochemistry and Pharmacological Updates, 1 (4) (2016) 1-17.
- [25] Kasai Deepak, Chougale Ravindra and Ramesh Gani, Preparation and Characterization of Binary Blend Films Containing Chitosan and Vanillin, *American Journal of Advanced Drug Delivery* 3(2) (2015) 181-195.
- [26] B.M.Kalashetty.R.S.Gani and M.B. Kalashetti, Synthesis of heterocyclic metal complexes, structural design and their anti-microbial potentials, *Der Chemica Sinica* 5(3) (2014) 38-46.
- [27] B.M.Kalashetty.S.M.Ganwakar.R.S.Gani.M.B. Kalashetti, Assessment and toxicity of fluoride from ground water sources in and around bagalkot district, karnataka, india, *International Research Journal of Pharmacy* 4(5) (2013) 246-249.
- [28] R.S.Gani. B. M. Kalshetty, S.S.Karabasannavar & M.B.Kalashetti, Synthesis, Structural Characterization, Spectral Analysis and Antimicrobial Activities of Schiff Base Ligands and Their Metal Complexes Derived from 3-Aldehydosalicylic Acid, *Global Journal of Science Frontier Research* 13(2) (2013) 1-10.
- [29] R.C.Shetha. B. M. Kalshetty, R. S. Gani, S.S. Karabasannavar, M.B. Kalashetti, Assessment of Water Quality in and Around Jamkhandi City, Bagalkot District, Karnataka State, India, *Global Journal of Science Frontier Research* 13(4) (2013) 1-11.
- [30] B.M. Kalshetty, S.S. Karabasannavar, R.S. Gani, M.B. Kalashetti, Synthesis, characterization and anti-microbial study of some organometallic complexes of multi-dentate Schiff bases derived from 3-Aldehydosalicylic acid at various pH ranges, *Drug Invention Today* 5(2) (2013) 105-112.
- [31] R.S.Gani.M.B.Kalashetty. Basavaraj M. Kalshetty Synthesis and Biological Evaluation of Some New 1-Pheyl, 3-ethoxycarbonyl, 5-hydroxy Indole Derivatives as a Potential Antimicrobial Agents, *Global Journal of Science Frontier Research* 12(7) (2012) 1-13.
- [32] B.M.Kalshetty. Ramesh S. Gani, V.M. Chandrasekhar and M.B.Kalashetti, Synthesis and Evaluation of Some New Ethoxy- Indole Derivatives as Potential Antimicrobial Agents, *Journal of Chemical, Biological and Physical Sciences* 2(4) (2012) 1759-1772.
- [33] Basavaraj M. Kalshetty, R.S.Gani. M.B.Kalashetti., Synthesis, characterization and Thermodynamic studies of some organometallic complexes of bidentate Schiff- bases having N- and S- donor system, *Journal of Chemical, Biological and Physical Sciences* 2(3) (2012) 1206-1217.
- [34] Eda, V.R.Vishnu. Suju Joseph, Abayee Shrinivasan, Ramesh S.Gani, Govindabur Reddy, Patakokila Rao, Vilas Dhanukar, Josyula Ramanathan, Nayakanti Devanna, Efficient Syntheses of exo-Granisetron Hydrochloride and other Potential Impurities Present in Granisetron Hydrochloride, an Anti-Emetic Drug, *Letters in Organic Chemistry* 8(10) (2011) 722-727.
- [35] Ravindra B. Malabadi, Neelambika T. Meti, Ramesh S. Gani, Sudabattula Vijayakumar, Gangadhar S. Mulgund, Saraswati Masti, Ravindra Chougale, Bharati Odhav, K. Sowmyashree, S. Supriya, B. R. Nityasree and M. S. Divakar, Insulin Plant, *Costus speciosus*: Ethnobotany and Pharmacological Updates, *Int. J. Curr. Res. Biosci. Plant Biol.* 3(7) (2016) 151-161.

[01] R.S.Gani, S.R.Pujar, G.S.Gadaginamath Chemoselective Reaction of indole dicarboxylate towards hydrazine hydrate: Synthesis and antimicrobial activity of some new oxadiazolyl methoxy indole derivatives Indian Journal of Heterocyclic Chemistry 12 (2002) 25-28.

Books / Book chapters / Translations published with ISBN No.

1. **Ramesh S. Gani.** The synthesis of Oxadiazole derivatives as Potential glucosidase inhibitors, Published in Advances in Chemistry Research. Publisher- Nova Science Publishers, Inc. 415 Oser Avenue, Suite NHauppauge, NY, 11788 USA. Editor. James C. Taylor. Vol 80. Chapter-09, Page No 217
2. Deepak Kasai, Sarswati Masti, **Ramesh Gani**, Raju Chalannvar, Ravindra Chougale, Evaluation of multifunctional properties of Chitosan/Guar gum/ vaniline for food packaging applications edited by Mervyn K. Kanny. CRG Publisher. Durban University of Technology. 70 Steve biko road Durban, 4000, South Africa. Advances in composite, biocomposites and nano composites vol 2 year 2015, page no 27-61

Patents (list) (if applicable)

Published Yes

Granted Yes

1. Padiath Mohammed Akbarali, Kuniyal Kulangara, Vijaya Raj, **Ramesh Sabu Gani**, Sujath Krishan, Sumangala Venkataraman, Manjathur Mahalinga "Process for producing Ibuprofen Sodium dihydrate" Patent; **US 7,084,299**.
2. Rakesh Ratnam, Raviraj S Pattanshetkar, **Ramesh Gani**, Sundeep Aurora for Novel Method of extraction of 6-o-protected trichlorogalactose from the chlorinated mass Patent: **GB 2 443 146**

Papers / poster presentations in Conferences / Seminars / Symposia (list)

International and National

1. A paper has presented (Oral) entitled Investigation of 1,3,4-oxadiazole derivatives containing fluorine as novel alpha amylase and alpha glucosidase inhibitors with antidiabetic activity in the 5th International conference on advances in mechanical engineering (ICAME 2024) organized by the Department of Mechanical Engineering, SRM Institute of Science and Technology, Kattankulathur, Tamilnadu, India from 20-03-24 to 22-03-2024
2. I participated in the 11th International Science Congress (ISC-2023) on 8th and 9th December 2023 held at Pacific academy of higher education and research university, Udaipur. Rajasthan, India, and has presented a paper (Oral) entitled Synthesis, alpha-amylase, alpha-glucosidase inhibition, molecular docking studies of 1-phenyl-ethyl-3-ethoxy carbonyl -2-methyl-5-hydroxy indole derivatives and awarded international best oral presentation.
3. I participated in 3rd International Science Congress (ISC-2013) on 8th and 9th December 2023 held at Karunya University Coimbatore, Tamil Nadu, India and has presented a scientific paper (Oral) entitled Synthesis, characterization and Thermodynamic Studies of Some metal complexes of monobasic bidentate Schiff-bases having N and O –donor system
4. Participated and presented the research paper entitled synthesis and characterization of zinc-based induced antimicrobial nanocomposite films for food packaging applications in the International conference on Contemporary Researches in

Engineering, Science, Management and Arts (ICCRESMA-2022) created and powered by the Centre for Research and Training (CRT), National Foundation for Entrepreneurship Development (NFED), Coimbatore, Tamil Nadu, India from 27-01-2022 to 29-01-**2022**

5. A paper has presented (Oral) in the International conference on Synthesis and characterization, molecular docking studies and biological evaluation of antidiabetic activity of 5-substituted indole held at Mangalore University. Mangalore (1^{7th} and 1^{9th} October- **2019**).
6. I participated in the 9th International Science Congress (ISC-2019) on 8th and 9th December **2019** held at Bhilai Institute of Technology, Durga Chhattisgarh, India and has presented a paper (Oral) Synthesis, characterization and amylase inhibitors potential 2,2, trifluoro ethoxy phenyl 1,3,4-oxadiazole derivatives, and awarded international best oral presentation award.
7. I participated in the 4th International Science Congress (ISC-2014) on 8th and 9th December **2014** held at Pacific University Udaipur, Rajasthan, India and Presented a Scientific paper (Oral) entitled Synthesis, Characterization, biocide and toxicological studies of Organ metallic complexes of 1-phenyl-2-methyl-5-hydroxy Indole
8. A paper has presented (Poster) in the National Conference on Chemistry and Life heal on 16th and 17th September **2012** organized by Department of Chemistry , C.M.P. Degree College University of Allahabad
- 9.

Invited / plenary talks delivered (list) (if applicable)

1. Participated as Resource Person and delivered a lecture on “**Personality development** “ at Career Guidance Program Organized by University Employment Information and Guidance Bureau (UEIGB) in association with Government First Grade College Byndoor held on 7-12-2022
2. Participated as Resource Person and delivered a lecture on “**Personality development**” at Career Guidance Program Organized by University Employment Information and Guidance Bureau (UEIGB) in association with Government First Grade College Mudipu, Kurnadu held on 18-11-2022
3. Participated as Resource Person and delivered a lecture on “**Personality development**” at Career Guidance Program Organized by University Employment Information and Guidance Bureau (UEIGB) in association with Government First Grade College Mangalagangothri Mangalore University held on 01-12-2022
4. Participated as Resource Person and delivered a lecture on “ **How to face Interview** ” at Career Guidance Program Organized by University Employment Information and Guidance Bureau (UEIGB) in association with Government First Grade College Mangalagangothri Mangalore University held on 01-12-2022
5. Participated as Resource Person and delivered a lecture on “**After B.Sc. opportunities in Pharmaceutical Industries**” at B.H.S Arts and T.G.P Science College Jamkhandi held on 30-08-2021
6. Participated as Resource Person and delivered a lecture on “**Protection of Environment by Pollution**” at Karnataka Science College Dharwad held on 5-6-2021
7. Participated as Resource Person and delivered a lecture on “**Electrophilic substitution reaction**” at P.G.Department of Chemistry. Government science college .Karwar held on 11-4-2017
8. Participated as Resource Person and delivered a lecture on “**Employment opportunities in Pharmaceuticals Industries**” at P.G.Department of Chemistry. Government science college .Karwar held on 11-4-2017

9. Participated as Resource Person and delivered a lecture on **“Current Opportunities in pharmaceutical and biotechnology industry”** at Department of Bioscience Mangalore University held on 11-04-2017
10. Participated as Resource Person and delivered a lecture on **“Stereochemistry”** at **Government arts and science college, Karwara** on 21-3-2017
11. Participated as Resource Person and delivered a lecture on **“Introduction of Mass Spectroscopy”** at P.G. Department of Chemistry. B.L.D.E University. Bijapur held on 6-3-2015

Impact of publications in terms of (if available).

h-index: 12

i10 index: 15

Citation index: 442

Conferences / Seminars / Workshops / Symposia organized (if applicable)

1. Dr. Becky M.Thomas, Director, Shriram Institute for Industrial research Guru gram, Haryana, delivered ICRAIEST-2009 Endowment Lecture, on Integrating Research across Industry and Academia: Perspective and Strategic pathways held on 04-02-2025
2. Conducted invited talk by Dr Arun Krishna , Scientist, Dr.Bansi Dhar Institute Plot No 91, Sector 18, Sarhaul Haryana on Applications of Polymer in Industries held on 6-11-2024
3. Conducted a National Level of Intercollegiate students feast VARCHAS at the department of Industrial chemistry, Mangalore University on 21-02-2023
4. Conducted a training program me on skill development for succedfull carrier by Dr.Pushparaj at department of Industrial chemistry on 12-12-2022
- 5.

Awards / Fellowship / Recognition (Specify) (if applicable)

1. I participated in the 11th International Science Congress (ISC-2023) on 8th and 9th December **2023** held at Pacific academy of higher education and research university, Udaipur. Rajasthan, India, and has presented a paper (Oral) entitled Synthesis , alpha-amylase, alpha-glucosidase inhibition, molecular docking studies of 1- phenyl-ethyl-3-ethoxy carbonyl -2-methyl-5-hydroxy indole derivatives and awarded international best oral presentation.
2. I participated in the 9th International Science Congress (ISC-2019) on 8th and 9th December **2019** held at Bhilai Institute of Technology, Durga Chhattisgarh, India and has presented a paper (Oral) Synthesis, characterization and amylase inhibitors potential 2,2, trifluoro ethoxy phenyl 1,3,4-oxadiazole derivatives, and awarded international best oral presentation award.
3. International best oral presentation award for the topic on Topic Synthesis, characterization, biocide and toxicological studies of organometallic complexes of 1-phenyl ethyl-2-methyl-5-hydroxy indole at International Science Congress Association on 8-12-2012
4. Custom Pharmaceuticals service Project Execution Team award for Granisetron Hydrochloride at PSAI Excellence Awards 2009, Dr Reddys Laboratory Hyderabad

**FDPs/ Professional Development programs (PDPs)/ Refresher Course/ Orientation Course/
Faculty Induction program (FIPs)/ Workshops/ Seminars/ Conferences attended**

1. National Workshop on Hands –on Molecular Docking and Drug discovery Techniques organized by Department of Zoology, Kakatiya University, Warangal-506009 Telangana State from 13-06-2025 to 15-06-**2025**
2. Participated teachers training programme and completed NEP 2020 Orientation and Sensitization Program me organized under Malaviya Mission Teacher Training Program me (MM-TTP) of University Grant Commission New Delhi organized by Gujarat University , Ahmadabad from 01-08-2024 to 13-08-**2024**
3. Participated in the refresher course held at University Grant Commission Malaviya Mission teacher Training Centre Kumaun University, Nainital (Uttarakhand) India in the subject chemistry from 18-09-2024 to 01-10-**2024** and obtained grade “ A + ”
4. Participated in one-day workshop on “Accreditation and ranking of Higher Education Institutions held on January 21st **2023** organized by Internal Quality Assurance Cell, Mangalore University, and Mangalore.
5. Attended the conference held at Mangala Auditorium, Mangagangothri, Mangalore University on 30-05-2022
6. Attended the “132 Online Short Term Course on E-Content Development “ from 07-11-2022 to 13-11-**2022** organized by UGC-Human Resource Development Centre Gujarat University, Ahmadabad
7. Participated and has completed the Six-Day Faculty Development from 8-9-2022 to 13-9-2022 on A practice based Capacity Building of Faculty towards Rural Engagement and Sustainability conducted by Mahatma Gandhi National Council of Rural Education (mgncre) at Mangalore University , Mangagangothri.Karanataka
8. Participated in the Professional Development Program me on “ Revised Accredition Framework of NAAC” from 12-07-2022 to 16-07-**2022** organized by the International Quality Assurance (IQAC) , Mangalore University, Mangagangothri
9. Participated one day conference on “ Strategies for Betterment of Higher Education and Governance of Universities” held at Mangala Auditorium, Mangalore University, Mangagangothri-574199 on 30th May **2022**
10. Participated as a member of the organizing Committee of Udyoga Mela event held by the University Employment Information and Guidance Bureau and University Training and Placement Cell on 14th and 15th of May **2022** at Mangalore University.
11. Attended the “ 9th Online Short Term Course on Research Paper Writing” from 24-05-2021 to 30-05-2021 organized by UGC-Human Resource Development Centre, Gujarat University, Ahmadabad
12. Participated one week national level Faculty Development Program me on “ Transformation in Indian Education through New Education Policy-Challenges and Opportunities from 05-07-2021 to 11-07-**2021** organized by Government First Grade College for Women, Balmatta, Mangalore in association with St Aloysius College , Mangalore
13. Participated in the 1st Online Refresher Course in Chemistry from 28-09-2020 to 11-10-**2020** conducted by the Human Resource Development Centre, Gujarat University, Ahmadabad, and obtained Grade “ A “
14. Participated in Refresher Course in Chemical and Pharmaceutical Science held at UGC- Human Resource Development Centre University of Rajasthan Jaipur from 4th September to 23rd September **2017**, and obtained Grade “ A “
15. Participated in the course Nanofibers and their applications organized by Centre for Applications of Radioisotopes and Minister of Human Resource Development Government of India from 27th Feb 2017 to 6th March **2017**

16. Attended the workshop on “ Clinical Treatment of Malaria” in the International Conference on “Malaria in Global Health” held on 17th and 18th March **2017** at K.S.Hegde Medical Academy Nitte University, Deralakatte, Mangalore
17. Participated in National Seminar and Workshop on Functional Nanomaterials for Energy, Environment and Health organized by Mangalore University, Mangalagangothri on 21st and 22nd March **2016**
18. Participated in the conference on “ CITIES IN TRANSITION” held at Palace grounds, Bangalore from November 28th-0th **2016** ,
19. Participated orientation workshop on Radiation-its Applications in Physical, Chemical and Life Sciences held at Department of Physics , Mangalore University from 24-06-2015 to 25-06-2015
20. Participated in National Level Seminar on “ Modern Synthetic Methods and their applications” organized by the P.G. Department of Chemistry, SDM College, Ujire on 27th February **2015**
21. Participated in the four weeks “Orientation Course” organized by UGC sponsored orientation course Academic Staff College, Jawaharlal Nehru University from 25-08-2014 to 19-09-2014
22. Participated in the 3rd Annual meeting and Symposium of the Costal Karnataka Chapter, Society of Biological Chemist (India), organized by School of Life Science, Manipal University, Manipal, on 25th October, **2014**
23. Participated in the 4th National Pre-Conference Workshop (SOBSICON 2014) organized by the department of studies and research in Biochemistry, Mangalore University, P.G. Centre, Chikka Aluvara, Kodagu district on “ Recent Advances in Research Methodologies in Biological Sciences on 17th November, **2014**
24. Participated in National Symposium on “ Recent Advances in Chemical Sciences” organized by P.G. and U.G. studies in Chemistry, Alva College from 7th and 8th March, **2014**
25. Participated in one day programme on celebration of International year of chemistry-2011 held o 9th November **2011**

Membership of Professional Bodies

- Community Member of the American Chemical Society (ACS) (32180212)
2. Life Membership of Society of Biological Chemist (3396) Join date 8-10-2014
3. Life Membership of Indian Science Congress Association (L35630)
4. Life Membership of International Science Community Association (708)
5. **Orcid ID** : [0000-0002-3999-2356](https://orcid.org/0000-0002-3999-2356)
6. **Scopus Author ID**: [57200363654](https://orcid.org/57200363654)
7. **Google Scholar id**: [qsorKvYAAAAJ](https://orcid.org/qsorKvYAAAAJ)
6. Vidwan-ID : 111300
7. H index: 12
8. i10 index: 15
9. Citation index:433
- Open Educational Resources (OER) / Online Content / MOOCs curated (if applicable)

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Any other Information

TECHNICAL EXPERTISE

1. Isolation, Purification, and Characterization of novel organic molecules
2. Writing: Research articles and project proposal

3. Planning a new synthetic route for novel molecules
4. Cost reduction of drugs and its intermediates
5. Business development for drugs and its intermediates
6. Writing: Patent Drafts
7. Evaluation of Antidiabetic, antimicrobial activity of novel molecules

RESEARCH GUIDANCE / SUPERVISION:

| | |
|--|---|
| Master of Science (Industrial Chemistry) Dissertation | 14 students completed (2014-15 batch) 17 students completed (2015-16 batch) 17 students completed (2016-17 batch) 17 students completed (2017-18 batch) 17 students completed (2018-19 batch) 19 students completed (2019-20 batch) 17 students completed (2020-21 batch) 17 students completed (2021-22 batch) 17 students completed (2022-23 batch) 22 students completed (2023-24 batch) 21 students completed (2024-2025 batch) |
| PhD Degree | Three students are currently working on medicinal chemistry and polymer chemistry |

OTHER QUALIFICATION

1. I have qualified State Level Examination Test for Lectureship in 1996 , awarded by Government of Karnataka and approved by University Grant Commission New Delhi.

I consistently evaluate manuscripts and assess review articles for the following journals

| SNO | Journal Name | Role | Publisher |
|-----|--|----------|-----------------|
| 1 | Current Pharmaceutical Design | Reviewer | Bentham Science |
| 2 | Molecular Diversity | Reviewer | Springer Nature |
| 3 | Discover Applied Science | Reviewer | Springer Nature |
| 4 | Scientific Reports | Reviewer | Springer Nature |
| 5 | BMC Chemistry | Reviewer | Springer Nature |
| 6 | Chemistry Africa | Reviewer | Springer |
| 7 | Chemistry Select | Reviewer | Wiley |
| 8 | Journal of Chemistry | Reviewer | Wiley |
| 9 | Scientific Reports | Reviewer | Nature |
| 10 | The Science of Nature | Reviewer | Springer Nature |
| 11 | International Journal of Biological Macromolecules | Reviewer | Elsevier |