CURRICULUM VITAE

Dr B. SAKRAM

M.Sc; Ph.D Professor of Chemistry University College of Science Osmania University Hyderabad-500007, Telangana State, India. Mobile No: +91-9849530367 E-mail: <u>bschemou@gmail.com</u> <u>bschemou@osmania.ac.in</u>



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Department of Chemistry University College of Science Osmania University Hyderabad 500 007

H.No.7-13, Thattiannaram, GSI Post, Abdullapurmet, Rangareddy (Dt), Hyderabad 500 068

Education:

- Ph.D; (Thesis title: SYNTHESIS AND ANTIMICROBIAL SCREENING OF SOME NEW 1,8-NAPTHYRIDINYL HETEROCYCLES) May 2006 from Kakatiya University, Warangal.
- M.Sc; (Organic Chemistry) 2002 First Class from Dept. of Chemistry, Kakatiya University,.
- B.Ed(Bio Science, Physical Science) Second Class from IASE, Kakatiya University, 1999.
- B.Sc; (Botany, Zoology and Chemistry) Second Class from SR&BGNR College, Khammam, Kakatiya University, 1998.

Work Experience:

- 1. Worked as Asst. Professor of Chemistry, at OUPG College, Mirzapur, Osmania University. From May 2007 to Sept 2013.
- 2. Worked as Asst. Professor of Chemistry and promoted as Associate Professor of Chemistry, at Nizam College, OU, Hyderabad. From Sept 2013 to January 2022.
- 3. Presently working as Professor of Chemistry, at University College of Science, OU Campus, From January 2022 to till date.
- 4. Guest Faculty:
 - a) PG Center, Siddipet, Osmania University.
 - b) PG Center, Jogipet, Osmania University.

- c) PG Center, Narsapur, Osmania University.
- d) PG Center, Mirzapur, Osmania University.

Administrative experience:

- Worked as hostel warden at OUPG College, Mirzapur, Osmania University, From 01-11-2008 to 31-10-2009.
- In charge head, Department of Chemistry, Nizam College, OU from February 2020 to January 2022.
- Coordinator for RUSA programs, Nizam College, OU. Chair Board of Studies, Department of Chemistry, Nizam College (Autonomous) for UG Course July 2017 to January 2022.
- Member of IQAC committee, Nizam College upto January 2022
- Students Mentor from 2013 to January 2022 at Nizam College.
- Member of Time-Table and Admission Committees, Nizam College
- Member of Anti-ragging committee, Nizam College.
- •Presently working as ACoE PG Section Regular OU from 24th June 2023 to till date.

The topics of his interest for teaching:

Organic Chemistry: Stereo Chemistry, Reaction Mechanism, Pericyclic reactions, Heterocyclic Chemistry, Principles of Drug design and drug discovery, Green Chemistry, Supra molecular Chemistry, Synthetic strategies Proteins and Enzymes, and Advance Natural products.

AS Supervisor:

Supervised 06 Ph. D students (Awarded) and presently guiding 05 students for their doctoral degree. Under his supervision 05 P.G. students have completed their dissertation work. He is life member of Indian Science Congress and Indian Council of a Chemist. And also a reviewer for reputed journals.

Research Interests:

Organic Synthesis and biological evaluation of Heterocyclic compounds and Synthesis of some new 1,8-Naphthyridine derivatives and their Molecular docking studies and their cytotoxic activity. No of Research papers Published-52 in national and international journals and presented more than 35 research papers at national and international <u>Conferences/ Seminars/Symposium</u>.

Citations: 300, h-index: 10, i10index: 13

PROJECTS:

• Completed UGC-Minor Research Project:

UGC-SERO, Hyderabad, Rs.**2,55,000=00** Duration: Two years(2015-2016) (Link No. F.MRP5626/15(SERO/UGC)

Title: Synthesis, characterization and biological evaluation of some new 1,8-naphthyridinyl heterocycles.

Projects Ongoing:

Major Research Project: SERB SURE SUR/2022/002286, Rs.27,40,600/- Duration: Three years(2023-2026)

Title: "Design, and Synthesis of Nitrogen-containing Heterocycles and in vitro studies of their Cytotoxic Activity." List of Publications:

- Synthesis and antibacterial activities of 1,3,4-oxadiazole and pyrazoline derivatives Containing 1,8-naphthyridine moiety.
 K Mogilaiah*&B Sakram, *Indian .JHeterocycl Chem*, 13, 2004, 289. (Impact Factor: 0.16)
- Synthesis and antimicrobial screening of certain novel Mannich bases bearing 1,8-naphthyridine moiety.
 - K Mogilaiah*&B Sakram, Indian J Chem, 43B, 2004, 2724. (Impact.Factor: 0.47)
- **3.** Synthesis of 1,2,4-triazolo[4,3-*a*][1,8]naphthyridines using chloranil under microwave irradiation.
 - K Mogilaiah*, J Uma Rani &**B Sakram**, *J Chem Res*, **2005**, 516. DOI 10.3184/030823405774663309 (Impactfactor: 0.61)
- 4. Iodobenzenediacetate on alumina : Efficient synthesis of 1,3,4-oxadiazolyl- 1,8-naphthyridines in solventless system using microwaves.
 K Mogilaiah*, J Uma Rani, B Sakram& N Vasudeva Reddy, *J HeterocyclChem*, 43, 2006, 485.DOI 10.1002/jhet.5570430235. (Impact.Factor: 0.16)
- **5.** Microwave induced eco-friendly solvent-free synthesis of 6-arylquinazolino[3,2*a*][1,8]naphthyridin-13-ones.
 - K Mogilaiah*, J Uma Rani&B Sakram, Indian J Chem, 45B, 2006, 1584.(Impact.Factor; 0.47)
- 6. Montmorillonite K 10 clay catalyzed Friedlander synthesis of 1,8-naphthyrines in dry Media under microwave irradiation.
 K Mogilaiah*&B Sakram, *IndianJChem*, 45B, 2006, 2749. (Impact.Factor: 0.47)
- Microwave assisted synthesis of N-(3-aryl-1,8-naphthyridin-2-yl)phthalimides under Solvent-free conditions
 - K Mogilaiah*&B Sakram, IndianJChem, 46B, 2007,207. (Impact.Factor: 0.47)
- PTSA catalyzed Claisen-Schmidt condensation in solvent-free conditions under Microwave irradiation.
 K Mogilaiah B Sakram & S Kavitha Heteroguel Commun 13, 2007 43
 - K Mogilaiah, **B Sakram**& S Kavitha, *Heterocycl Commun*,13, **2007**,43. DOI 10.1515/HC.2007.13.1.43 (Impact factor: 0.82)
- 9. Synthesis and antibacterial activity of 4-aryl-1-(2-furyl/2-thienyl)-1,2,4-triazolo[4,3-a] [1,8] naphthyridines.
 K. Mogilaiah^{*}, B Sakram, T Kumara Swamy& K Shiva Kumar, *Indian J HeterocyclChem*, 16, 2007, 405. (Impactfactor: 0.16)
- 10. Microwave-promoted rapid and efficient method for acetylation of phenols with acetic anhydride using nafas catalyst under solvent-free conditions. K Mogilaiah,* J Uma Rani ,K Vidya&B Sakram, Oriental J Chem, 25(1), 2009, 187. (Impact Factor: 0.47)
- 11. Microwave-assisted heterocyclization: Efficient synthesis of 1,8-Naphthyridinylpyrazoles under solvent-free conditions using solid K.Mogilaiah*, H SharathBabu, J Uma Rani&B Sakram, Indian J HeterocyclChem, 19, 2009, 1. (Impactfactor: 0.16)
- 12. Synthesis of 1,8-Naphthyridinyl -1,3,4-oxadiazoles using FeCl₃.6H₂O Under solvent –free conditions
 K. Mogilaiah^{*}, J KumaraSwamy&B Sakram, Indian J HeterocyclChem, 20,

2011, 201.(Impactfactor: 0.16)

- 13. Efficient synthesis and antibacterial activity of 2-(3-aryl[1,8] naphthyridine-2- yl)-2,3 dihydro-1H-benzo[de] Isoquinoline-1,3-diones.
 Sakram, B.; Ashok, K.; Sonyanaik, B.; Rambabu, S. Indian Journal of Heterocyclic Chemistry 24(2), 2014, 185-188.(Impactfactor: 0.16)
- 14. Benzo[h]thiazolo[2,3-b]quinazolines by an efficient p-toluenesulfonic acid-catalyzed one-pot two-step tandem reaction
 Sakram, B.; Sonyanaik, B.; Ashok, K.; Rambabu, S.; Johnmiya, S. K. *Research on Chemical Intermediates*, Accepted: 21 May 2015, DOI 10.1007/s11164-015-2112-4 (Impact.Factor: 1.83)
- 15. Polyhydroquinolines: 1-Sulfopyridinium chloride catalyzed an efficient one-pot multicomponent synthesis via Hantzsch condensation under solvent-free conditions.
 Sakram, B.;Sonyanaik, B.; Ashok, K.; Rambabu, S. *Research on Chemical Intermediates* 42(10), 2016, 7651-7658 DOI 10.1007/s11164-016-2559-y(Impact.Factor: 1.83)
- 16. Microwave assisted aqueous phase synthesis of benzothiazoles and benzimidazolesin the presence of Ag2O,Sakram, B.;Rambabu, S.; Ashok, K.; Sonyanaik, B.; Ravi, D. *Russian Journal of General Chemistry* 86(12), 2016, 2737-2743. DOI 10.1134/S1070363216120343. ISSN:1070-3632(Online version)(Impact.Factor: 0.56).
- 17. A novel and efficient synthesis of 3-iodo substituted 1,8-naphthyridines by electrophilic cyclization of 2-aminonicotinaldehyde and their antimicrobial activity Sakram, B.; Ashok, K.; Rambabu, S.; Sonyanaik, B.; Ravi, D. Russian Journal of General Chemistry 87(8), 2017, 1794-1799. DOI 10.1134/S1070363217080266 (Impact Factor: 0.48)
- 18. Eco-friendly synthesis of 1,8-naphthyridine 5-aryl-1,3,4-oxadiazole derivatives under solvent-free solid-state conditions and their antimicrobial activity
 Sakram, B.;Sonyanaik, B.; Ashok, K.; Rambabu, S.; Ravi, D.; Kurumanna, A.; Shyam, P. *Research on Chemical Intermediates* 43(3), 2017, 1881-1892. DOI 10.1007/s11164-016-2736-z (Impact.Factor: 1.83).
- 19. Novel synthesis of substituted N-(3-aryl-1,8-naphthyridin-2-yl) and N,N'-bis(3-aryl- 1,8-naphthyridin-2-yl)benzene-1,4-diamines and 2-(4-((3-aryl-1,8-naphthyridin-2-yl)amino)phenyl)isoindoline-1,3-diones and their biological evaluation Ravi, D.; Sakram, B.; Ashok, K.; Rambabu, S.; Sonyanaik, B.; Kurumanna, A.; Madhu, P. *Synthetic Communications* 2018, 48(1), 50-58. DOI 10.1080/00397911.2017.1386790.(Impact Factor: 2.007)
- 20. An Exceedingly Mild, Green Synthesis of Substituted N-3-diaryl-1,8-naphthyridin-2-amine Derivatives and Their Antimicrobial Activity Dharavath Ravi, SirgamallaRambabu, Kommakula Ashok, PalithapuMadhu, and BodaSakram* J. Heterocyclic Chem., 55, 957 (2018). DOI 10.1002/jhet.3125 (Impact Factor: 0.787)
- 21. Simple and efficient method for aromatization of tetrahydro-β-carbolines by using K₂S₂O₈ as a catalyst and its antimicrobial activity comparison with molecular docking studies Kurumanna, A.; Ashok, K.; Rambabu, S.; Sonyanaik, B.; Ravi, D.; Madhu, P.; Sakram, B. *Russian Journal of General Chemistry* 87(11), 2017, 2703-2711. DOI 10.1134/S1070363217110287(Impact Factor: 0.48)
- 22. Synthesis of Amides from Aliphatic Acids and Amines by using of I2/TBHP at

Room Temperature.RambabuSirgamalla, Ashok Kommakula, SonyanaikBanoth, Ravi Dharavath, KurumannaAdem, Madhu P, and **SakramBoda*** *Chemistry Select*, 2018, 3, 1062 – 1065. (Impact Factor:2.109)

- 23. Design, synthesis, biological evaluation and in silico molecular docking studies of novel Benzochromeno[2,3-d]thiazolopyrimidine derivatives. Sonyanaik Banoth, Sakram Boda*, Shyam Perugu, Saikrishna Balabadra, Vijjulatha Manga, *Res Chem Intermed*, 2017, <u>doi 10.1007/s11164-017-3201-3</u>. (Impact.Factor: 1.83)
- 24. Green Synthesis of Fused Imidazo[1,2-*a*][1,8]naphthyridine Derivatives Catalyzed by DABCO Under Solvent-Free Solid-State Conditions and Their Biological Evaluation. Sonyanaik Banoth,shyam perugu, Sakram Boda**J*.*HeterocyclicChem.*,55,709(2018), DOI. 10.1002/jhet.3092. (Impact. Factor: 0.87)
- 25. Design, synthesis and biological evaluation of novel 1, 8-bis (4-((5-phenyl-1, 3, 4-oxadiazol-2-Yl) methoxy) substituted phenyl) naphthalene-1, 8-dicarboxamide derivatives RambabuSirgamalla, Ashok Kommakula, SonyanaikBanoth, Ravi Dharavath, Kurumanna Adem, MadhuPalithepu, SakramBoda&Premkumar K, Synthetic Communications, 2018, DOI:10.1080/00397911.2018.1432761. (Impact Factor: 2.007)
- 26. An Efficient Microwave-Assisted Synthesis of novel 2-{4-{(3-Aryl-1,8-naphthyridine-2-yl)amino}phenyl}-1*H*-benzo[*de*]isoquinoline-1,3(*2H*)-diones and Their Antimicrobial Activity.
 B. Sakram, D. Ravi, K. Ashok, S. Rambabu, B. Sonyanaik, and A. Kurumann *Russian Journal of General Chemistry* 88(4), 2018, 780 -788.
 DOI 10.1134/S1070363218040242 (Impact Factor: 0.48)
- 27. Ferric Chloride-catalyzed Synthesis of 2-Oxo-1,2-dihydro-1,8-naphthyridine-3-carboxylate Derivatives and Their Biological Evaluation. B. Sakram, P. Madhu, B. Sonyanaik, S. Rambabu D.Ravi and A. Kurumanna, *Russian Journal of General Chemistry* 88(6), 2018, 1224-1227. DOI 10.1134/S1070363218060294(Impact Factor: 0.48)
- 28. A Simple "Green" Synthesis of Novel Bis(3-aryl-1,8-naphthyridin-2-yl)sulfanes and 2-(Methylthio)-3-aryl-1,8-naphthyridines under Microwave Irradiation and Conventional Conditions D. Ravi, K. Ashok, S.Rambabu,B. Sakram,and P. Shyam, *Russian Journal of General Chemistry* 88(6), 2018, 1232-1237. DOI 10.1134/S1070363218060312(Impact Factor: 0.48)
- 29. Facile One Pot Multi-Component Solvent-Free Synthesis of 2,4,5-Trisubstituted Imidazoles Using "Green" and Expeditious Ionic Liquid Catalyst under Microwave Irradiation. B. Sonyanaik, K. Ashok, S. Rambabu, D. Ravi, A. Kurumanna, P. Madhu, and B. Sakram. Russian Journal of General Chemistry 88(3), 2018, 537-540. DOI 10.1134/S1070363218030234 (Impact Factor: 0.48)
- **30.** Molecular Modeling, Ionic Liquid Cu(II)-Catalyzed Synthesis of 9-(3- Fluoro-4-methoxyphenyl)-6-aryl-[1,2,4]triazolo[4,3-a][1,8] Naphthyridines under Microwave Irradiation and Their Antimicrobial Activity. **BodaSakram**,Kommakula Ashok, SirgamallaRambabu, Dharavath Ravi, AdemKurumanna, and NajlaaKhudhair Abbas. *J. Heterocyclic Chem.*, 55, **2018**, 2392. DOI 10.1002/jhet.3303(Impact Factor: 0.787)
- **31.** Design and synthesis of novel substituted 1,8-naphthyridin-2-ylamide derivatives at ambient temperature and evaluation of their antimicrobial activity. BanothSonyanaik and **BodaSakram**, *Heterocyclic Letters.*, 7(4),**2017**, 993. (Impact Factor: 1.12)
- 32. PTSA catalyzed an efficient synthesis of novel thiazolo [3,2- a]pyrimidinone derivatives and their biological evaluation. Banoth Sonyanaik, Boda Sakram and Kudle karunakar Rao. *Heterocyclic Letters.*, 7(4),2017,1055. (Impact Factor: 1.12)

- 33. Green, expeditious and recyclable specific acidic ionic liquid [pyridine-so3h]cl catalyzed one-pot synthesis of 2-amino-4-aryl 4h-chromene-3-carbonitrile scaffolds under microwave irradiation. B. Sonyanaik, B. Sakram, A. Kurumanna, P. Madhu. *Heterocyclic Letters.*, 8 (2),2018,375. (Impact Factor: 1.12)
- 34. Green synthesis and biological evaluation of novel fused 6-(2-chloro-4-fluorophenyl)-9-arylimidazo[1,2-a][1,8]naphthyridine derivatives catalyzed by DABCO. B. Sakram, B. Sonyanaik, P. Shyam, P. Madhu, and. *Russian Journal of General Chemistry* 88(7), 2018. DOI: 10.1134/S107036321807023X (Impact Factor: 0.868)
- 35. A Conventional And Solid-State Synthesis, Biological Activity, And Molecular Docking Studies Of 6-Arylbenzo[4,5]Imidazo[1,2-A][1,8]Naphthyridin-10-Ols. SakramBoda, Ravi Dharavath, MadhaviMadhavaram, KurumannaAdem, MadhuPalithapu, GovanMaloth, Parthasarathy T. Synthetic Communications 49(1), 2018, 1-11. DOI 10.1080/00397911.2018.1509349 (Impact Factor: 2.007)
- 36. A synthesis and biological screening of newly substituted 9-methyl-6-aryl-[1,2,4]triazolo[4,3-a][1,8]naphthyridines using chloranil. Ravi dharavath and sakram boda Synthetic communications 49(14),2019, 1741-1749. DOI 10.1080/00397911.2019.1587776

(Impact Factor: 2.007)

- 37. A facile greener synthesis, antimicrobial evaluation and molecular modelling of new 4-aryl-2-(3-(2-(trifluoromethyl)phenyl)-1,8-naphthyridin-2-yl)phthalazin-1(2H)-one derivatives
 Boda Sakram, Dharavath Ravi, MutyalaRaghupathi, BodaSathish Kumar &
 P. V. Anantha Lakshmi,Research on Chemical Intermediates 45, 2019, 2007–2022
 DOI :10.1007/s1116 4-018-03711-1(Impact Factor: 2.914)
- **38.** Synthesis and Antibacterial Activity of Novel 3-N-Substituted 1,8-Naphthyridin-2(1H)ones.

B. Sakram*, A. Kurumannaa, K. Ashoka, S. Rambabua, D. Ravia, and B. Sathish Kumara *Russian Journal of General Chemistry* **2019**, *Vol.* 89, *No.* 12, pp. 2534–2543 DOI: 10.1134/S1070363219120338 (Impact Factor: 0.48)

- 39. Synthesis, characterization, molecular docking and biological evaluation of novel 6-halo-2-(4-((5-phenyl-1, 3, 4-oxadiazol-2-yl)methoxy)Substituted phenyl)-1 Hbenzo[de]isoquinoline-1,3(2H)-dione RambabuSirgamalla Sakram Boda, Chemical Data Collections 22, 2019, DOI 10.1016/j.cdc.2019.100248 (Impact Factor: 2.22)
- 40. Synthesis of new N-phenyl-3-aryl-1,8-naphthyridin-2-amines and 4-((3-aryl-1,8-naphthyridin-2-yl)amino) phenols and their biological and molecular docking studies
 B.Sakram A.KurumannaD.RaviP.MadhuB.NarsaiahM.Ramesh *Chemical Data Collections* 25, 2020, 100313 DOI10.1016/j.cdc.2019.100313(Impact Factor: 2.22)
- **41.** DABCO mediated one pot synthesis of 2-(3-benzyl-2,6-dioxo-3,6-dihydropyrimidin-1[2H]yl)-N-(4-(1,3-dioxo-1Hbenzo [de]isoquinolin-2[3H]-yl) aryl) acetamides as antimicrobial agents. Rambabu Sirgamalla, Kurumanna Adem, **Sakram Boda**, Ashok Kommakula, Suryam Neradi, Shyam Perka, Kiran Bojja, Mohammed Arifuddin, *J.HeterocyclicChem*.1– 9,**2020**.DOI: 10.1002/jhet.4055(Impact Factor: 2.193)
- **42.** Synthesis, antimicrobial activities of novel 3-chloro-4-(2,4-difluorophenyl)-1-(3aryl-1,8-naphthyridin-2-yl)azetidin-2-ones and 2-(2,4-difluorophenyl)-3-(3-aryl-1,8-naphthyridin-2-yl)thiazolidin-4-ones.KurumannaAdem, **Sakram Boda**, Rambabu Sirgamalla & Ramesh Macha; *Synthetic communications* **2022** <u>https://doi.org/10.1080/00397911.2022.2045321</u>.(Impact Factor: 2.007)

- 43. Cupper-catalyzed an efficient synthesis, characterization of 2-substitute d b enzoxazoles, 2-substitute d b enzothiazoles derivatives and their anti-fungal activity
 Rambabu Sirgamalla *, Ashok Kommakula , Sumalatha Konduru , Ravindar Ponakanti, J. Devaram, Sakram Boda; Chemical Data Collections 27 (2020) 100362. doi:org/10.1016/j.cdc.2020
- **44.** Eco-friendly green construction of 4-Aryl-tetrazolo-[1, 5-a][1, 8] naphthyridine scaffolds and their in vitro anti-microbial and molecular modeling studies B Sonyanaik, D Ravi, P Shyam, A Ashok, **B Sakram**, Research square. **2023**
- 45. Copper (II) Acetate Catalysed Synthesis Of Novel 6-(2-Chloro-4-Fluorophenyl)-9-Phenyl-[1,2,4] Triazolo[4,3-A][1,8]Naphthyridine Derivatives Under Microwave Irradiation And Their Biological And Molecular Docking Studies. Alishala Ashok, Boda Sakram; Heterocyclic Letters, Vol. 12| No.3| |May-July|2022, ISSN: (print) 2231–3087 / (online) 2230-9632, CODEN: HLEEAI
- 46. Green synthesis of substituted 1,8-naphthyridin-thiazole scaffolds, molecular docking studies and biological evaluation. Alishala Ashok, Banoth Sonyanaik, Boda Sakram; Research on Chemical Intermediates,2023 doi: org/10.1007/s11164-022-04951-y.
- **47.** Green design, synthesis of novel 2-methoxy-3-aryl-1,8-naphthyridines and their biological and molecular docking study. Dharavath Ravi, Banoth Sonyanaik, **Boda Sakram.** Results in Chemistry, Volume 4, **2022**, 100611. doi: org/10.1016/j.rechem.2022.100611.
- 48. Palladium (II)-catalyzed C–H bond functionalization of aromatic and heteroaromatic esters with acrylates under ligand-free conditions and their Anti-microbial evaluation. Rambabu Sirgamalla, Kurumanna Adem, Vishnu Thumma, J. Devaram, V. Prathibha, D. Suresh, Sakram Boda; Chemical Data Collections 44 (2023) 101006. DOI.org/10.1016/j.cdc.2023.101006 Available online 22 February 2023
- 49. Eco-friendly green construction of 4-Aryl-tetrazolo-[1, 5-a][1, 8] naphthyridine scaffolds and their in vitro anti-microbial and molecular modeling studies. B Sonyanaik, D Ravi, P Shyam, A Ashok, B Sakram – 2023 DOI: https://doi.org/10.21203/rs.3.rs-2453479/v1
- 50. Green pathway for the construction of aryl-1, 8-naphthyridine-thiazole scaffolds and in vitro-antimicrobial evaluation, DNA binding interactions, viscosity measurements, molecular modeling studies and ADME properties. B Sonyanaik, D Ravi, K Kishore, P Shyam, B Sakram - Research on Chemical Intermediates, 50 1 265-279 2024.

Sl.	Name of the Conference	Name of organizer	Date of	Oral/poster/
No			conference	participation
			/seminar	
1	National Symposium on	Department of	16-17 th December	Poster presented
	Emerging Research Trends	Chemistry, UASC,	2003.	
	& Development in	KU, Warangal.		
	Chemistry			
2	7 th CRSI National	Indian Association	4-6 th February	Poster presented
	Symposium in Chemistry	for the cultivation of	2005.	

Papers presented in National/International Conferences/ Seminars/Symposium:

		Science, Kolkata.		
3	National Seminar on Recent Developments in Co-ordination and Bioinorganic Chemistry	Department of Chemistry, Kakatiya University, Warangal.	11-12 th March 2005.	Participated
4	2 nd International Conference on Organic Synthesis and Process Chemistry	IICT Hyderabad.	1-3 rd April 2005.	Poster presented
5	2 nd International Symposium on Drug Discovery and Process Research	K.L.E society's College of Pharmacy, Belgaum Karnataka.	10-12 th February 2006.	Poster Presented
6	UGC Research Trends & Developments in Heterocyclic Chemistry	Department of Chemistry Post Graduate College of Science, Saifabad, OU, Hyderabad.	17-18 th March 2006.	Poster presented
7	National Seminar on Novel Polymers, Nano Science and green chemistry	Department of Chemistry, Kakatiya University, Warangal.	22-23 rd February 2008.	Participated
8	International Symposium on Nature Inspired Initiatives in Chemical Trends	IICT, Hyderabad	2-5 th March 2014	Poster presented
9	2 nd International conference on Emerging trends in chemical and pharmaceutical sciences	IICT, Hyderabad	15-17 th March 2014	Poster presented
10	National Seminar on Recent Advances in Chemistry (RAC-2015)	Department of Chemistry, Kakatiya University, Warangal.	30-31 st March 2015	Poster presented
11	National Conference on Frontiers in Chemical Sciences and Technologies (FCST)	National Institute of Technology, Warangal.	28-29 th January 2016	Poster presented
12	National Seminar on Recent Applications in Medicinal & Material Devices (NSRAMMD- 2016)	Nizam College, Osmania University, Hyderabad.	2 nd July 2016	Poster presented
13	Innovations and developments in emerging	Tara government college	29 to 30 th December	Poster presented

	research trends of chemical science and technology		2016	
14	Green Chemistry for Sustainable Development Issues, Challenges and Prospects	Loyola Academy Degree & PG College. OsmaniaUniversity	20-21 January 2017	Poster presented
15	Molecular insight in genetic and biotechnology	University college of science	27 th to 28 th February 2017	Poster presented
16	20 th international Conference of international academy of physical sciences	University college of science	14 th to 16 th july 2017	Poster presented
17	International conference on "innovation in commerce and science"	Nizam College, Osmania University, Hyderabad.	28-29 November 2017	Poster presented
18	National Conference on "Recent Advances in Applied Nano Materials"	University College of Science, Saifabad, Hyderabad	16-17 February 2018	Participated
19	National Seminar on "Recent Challenges in Chemical Research (RCCR)"	Kakatiya University	6-7 April 2018	Poster presented
20	International conference on chemistry of sustainable future	Palamuru University	7 th to 9 th August 2018	Oral presentation
21	Recent Trends in Chemical Biology	University college of science	28 th December 2018	Participated
22	National seminar on Advances In Chemical Research (ACR-19)	Kakatiya University	20 th and 30 th March 2019	Poster presented
23	Nature Inspired initiatives In Chemical Sciences (NIICS-2019)	Telangana University	04,05 th November 2019	Poster presented
24	International conference on Material Science For Societal Advancement	Osmania University	20-22 nd January,2020	Participated
25	Two Day International Level Web Conference On New Pathways In Chemistry	N.G. Acharya And D.K. Marathe College Of Arts, Science, Commerce	Chembur, Mumbai	Paper presented
26	National conference on Physics and chemistry of materials	Department of physics, Govtholkar science college, Indore	23-24 th may 2020	Paper presented

27	International viral conference on disciplinary, interdisciplinary, and multy disciplinary research	Chaitanya deemed to be University	14-15 th October 2021	Paper presentation
28	Two Days Virtual International Conference on "Chemical advances on sustainable development (CASD2022)"	University College for Women, Koti, Hyderabad	12- 13th April, 2022	Oral presentation
29	Two Days International Conference on current trends and futuristic challenges in chemical sciences	Department of Chemistry,UCS,OU Hyd	29 th &30 th July 2022	Paper presented
30	3 rd Indian Analytical congress (IAC-2024) An International Analytical Conference and Exhibition	CSIR-IIP, Dehradun Uttarakhand.	5 th to 7 th June 2024	Paper presented 'Awarded as Best Poster'