

Dr. MESHRAM GANGADHAR ASARAM

Designation : Professor of Organic Chemistry
And
Former Member of Senate (2010-15)
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ACADEMIC RECORD

Degree	Subject	University	Month and Year
Ph.D.	Chemistry	Dr B.A.M.U. Aurangabad	September,2001
M Sc.	Organic Chemistry	As above	May, 1979
D.H.E.		University of Mumbai	May, 1985

POSITIONS HELD

Lecturer in Chemistry	Birla College, Kalyan	June, 1983- March, 2003
Reader in Organic Chemistry	Dept. of Chemistry, University of Mumbai	March, 2003 ---February 2010
Professor of Organic Chemistry	Dept. of Chemistry, University of Mumbai	March 2010 - till date
Member of Senate	University of Mumbai	Sept.2010 to Aug. 2015

AWARDS / HONORS

No.	Name of the award	Year
1	Dr. P. D. Sethi award	2009

AREA OF RESEARCH INTEREST

Natural Products, Green Synthesis, Bioorganic Chemistry, Enzyme purification

RESEARCH PROJECTS

Sr. No.	Title of the project	Agency	Period	Amount
1	Effect of environment on glycogen metabolic activity	UGC	2001-2003	50,000.00

NUMBER OF STUDENTS GUIDED

Ph.D. Degree Awarded	:	13
M.Sc.(By Research)	:	05
Ph.D. Ongoing	:	04

RESEARCH PUBLICATIONS (40)

1. Chemoselective acylation and benboylation of alcohols, phenols and amines using copper oxide under solvent free condition , **G. A. Meshram** and V.D. Patil , *Intr. J. Chem. Sci.*: 6(3), 1315-1323, (2008)
 2. Simultaneous LC estimation of Glimepiride and Metformine in Glimepiride immediate release and Metformine sustained release tablets, Shraddha P. Pawar, **Gangadhar A. Meshram**, Manisha U. Phadke, DOI: 10.1365/s10337-008-0802-40009-4893/08/12: *Chromatographia* , 68, 1063-1066, (2008).
 3. A simple and efficient method for sulphonation of amines, alcohols and phenols with cupric oxide under mild conditions, **G. A. Meshram** and Vishvanath D. Patil, *Tetrahedron Letters*, **50**, 1117-1121, (2009).
 4. Simple and efficient method for acetylation of alcohols, phenols, amines and thiols using anhydrous NiCl₂ under solvent free conditions, **G.A. Meshram** and Vishvanath D. Patil, *Synthetic Communications*, 39, 2516-2528 (2009).
 5. Zinc Oxide catalyzed efficient synthesis of Sulfonamides under mild conditions, **G. A. Meshram** and V.D. Patil, *Intr. J. Chem. Sci.* 7(3), **2009**, 1948-1956.
 6. High – Performance Liquid Chromatographic Study of Related components in Metformin Hydrochloride and Gliclazide tablets, Shraddha P. Pawar , **Gangadhar A. Meshram** , Rajendra K. Jadhav, Yatish K. Bansal , *Separation Science Asia Pacific*, Vol.1, issue **7**, 25-31, (July 2009)
 7. Impurity profile study of pioglitazone and glimepiride combination drug product by liquid chromatography, Shraddha Pawar, **Gangadhar Meshram**,. *Analytical Chemistry: An Indian Journal*, 8(2), 241-246, (2009)
- (Dr. P.D. Sethi Annual Award for Best Paper in Pharmaceutical Analysis for the year 2009)**
8. Antibacterial and Glucoamylase inhibitory action of compounds isolated from Fenugreek (*Trigonella foenum graecum*), **Gangadhar A. Meshram** and Vishal K Raval,. *The Icfai University Journal of Chemistry*, vol. II, No. 3, 64-71, (2009).
 9. A simple and efficient N- arylation of amines and sulfonamides with Cu (BF₄)₂ . SiO₂ , **G. A. Meshram** and V.D. Patil , *Organic Chemistry: An Indian Journal*,5(4), 434-440, **2009**.
 10. Simultaneous high performance liquid chromatographic determination of gliclazide and metformine in gliclazide modified release and metformine sustained release tablets, Pawar S., **Meshram G. A.**, Phadke M., Jadhav R.K.,. *Indian Drugs*, **46 (7)**, 59-73, (2009).

11. Synthesis of Trimethylsilylethers from alcohols and phenols in presence of Anhydrous NiCl₂ under Solvent Free Condition. **Gangadhar A Meshram**, Vishvanath D. Patil *Organic Chemistry: An Indian Journal* 5(4), 441-445, **2009**
12. Stability indicating reverse phase high performance liquid chromatographic method for simultaneous determination of metoclopramide, methyl paraben and propyl paraben from oral formulation, Pawar S., **Meshram G. A.**, Jadhav V. K. , Jadhav R. K. , and Gholba A. *Indian Drugs*, 46(12) December **2009/987**, 61-65
13. Simple and efficient method for synthesis of Bis(indolyl)methane with Cu(BF₄)₂.SiO₂ under mild condition **G. A. Meshram** and Vishvanath D. Patil, *Synthetic Communications*, 40, 29-38, **2010**.
14. Chemoselective Synthesis of 1,1-Diacetates from Aldehydes using Anhydrous Cobalt (II) Bromide under Solvent-Free Conditions **G. A. Meshram** and V.D. Patil., *Synthetic Communications* , 40, 442-449, **2010**.
15. Efficient Synthesis of Benzimidazole and quinoxaline derivatives with ZnO₂.H₂O₂ under mild conditions. **G. A. Meshram** and Vishwanath D. Patil, *Int. J. Chem. Sci.*:8(1), 119-131, **2010**,
16. Simple and Efficient Oxathioacetalization of Aldehydes Using Anhydrous Cobalt (II) Bromide Under Solvent-Free Condition Vishvanath D Patil and **G A Meshram** *The IUP journal of Chemistry*, Vol.III (3).20-26, **2010**
17. Antibacterial study and effect on glucoamylase in vitro of aqueous and methanolic extracts of Syzygium cumini seeds, **G. A. Meshram**, Sunil S. Yadav, Dattatraya Shinde, Deepak Singh, and Bhavana Patil, *Biosciences, Biotechnology Research Asia*, Vol.7(1), 297-300 (**2010**)
18. Simple, Efficient Synthesis, Antibacterial activity and Molecular Docking Study of 3-(1*H*-benzimidazol-2-yl)-2-chloroquinolines Compounds, **Gangadhar Meshram**, Jayant Shelke, Prabhakar Dongre, *Journal of Pharmacy Research*, Volume 3 issue 8, 1895-1898, **2010**
19. Synthesis, Antibacterial Study and Molecular Docking of Some Acrylic Amide Derivatives of Ampicillin and Amoxicillin, **Gangadhar Meshram**, Jayant Shelke, Prabhakar Dongre, *Journal of Pharmacy Research*, Volume 3 issue 10, 2371-2374, **2010**.
20. Simultaneous determination of glimepiride and metformin hydrochloride impurities in sustained release pharmaceutical drug product by HPLC, Shraddha Pawar , **Gangadhar Meshram**, Rajendra Jadhav, Yatish Bansal, *Der Pharma Chemica*, **2010**, 2(4):157-168.
21. Effect of Epigallocatechin gallate isolated from Terminalia Bellerica fruit rind on glucoamylase activity in vitro. **Meshram gangadhar**, Patil Bhavana, Shinde Datta and Metangale Ganesh, *Journal of Applied Pharmaceutical science*, 01(06), **2011**, 115-117.
22. Synthesis and characterization of *Pseudomonas aeruginosa* inhibitors of Penicillin binding protein4, **Gangadhar Meshram**, Jayant Shelke, Madhav Hebade and Prabhakar Dongre, *Int J Cur Biomed Phar Res.* **2011**; 1(4):164-168

23. Antibacterial study and effect of ethanolic extracts of *Syzygium cumini* seeds powder on glucoamylase in vitro, **Gangadhar A. Meshram**, Sunil S. Yadav, Dattatraya Shinde, and Deepak Singh, *Journal of Pharmaceutical Science and Research*, 3(2),**2011**, 1060-1063.
24. Isolation and Characterisation of Gallic acid from *Terminalia Bellerica* and its effect on carbohydrate regulatory system in vitro, **Meshram Gangadhar** , Patil Bhavana, Yadav Sunil , Shinde Datta; *International Journal of Research in Ayurveda and Pharmacy*, **2011**, 2(2), 559-562.
25. Synthesis of New 2-Phenylpyrano[3,2-*b*]phenothiazin-4(6*H*)-one Derivatives, Bansode, Tanaji N, **Meshram, Gangadhar A.**, *Chin. J. Chem.* **2011**, 29, 1917-1921
26. Antibacterial and Anticancer activity of bioactive fraction of *Syzygium Cumini* L. seeds, Sunil yadav, **G A Meshram**, Dattatray Shinde, R C Patil, Sonal M. Manohar, Madhav V. Upadhey, *Hayati Journal of Biosciences*, Vol.18, issue 3, 118-122, **2011**.
27. Antimicrobial screening of Garlic (*Allium sativum*) extracts and their effect on Glucoamulase activity in vitro, **Meshram Gangadhar**, Khamkar Shraddha and Metangale Ganesh, *Journal of Applied Pharmaceutical Science*, 02(01), **2012**, 106-108.
28. Synthesis of 2-oxoquinoline-3-carboxamide of ampicillin and amoxicillin as inhibitor of Penicillin binding protein 1A of *Psuedomonas Aeruginosa* , Jayant Shelke, **Gangadhar Meshram** and Dongre Prabhakar, *Acta Poloniae Pharmaceutica- Drug Research*, Vol.69 No.4 pp623-628, **2012**
29. Synthesis and Antimicrobial activity of 4-(10*H*-Phenothiazine 2-yl) Pyrimidin-2(1*H*)-one/thione Derivatives, Tanaji Bansode and **Gangadhar A. Meshram**, *Journal of Heterocyclic Chemistry*, Vol.49, 1004-8,**2012**.
30. Benzimidazole chalcones: Potent glycosidase inhibitors, **Gangadhar A. Meshram,*** Vipul A. Vala, Ganesh S. Metangale, Shruti S. Deshpande, Shraddha S. Khamkar, Pramod A. Wagh, *JPR/BioMedRx*, 1(1), 78-81, **2013**
31. One pot synthesis of novel spiro[Quinazoline/pyrimidione]ones via multi component reactions, **Gangadhar A. Meshram**, Pramod A. Wagh, Shruti S. Deshpande, Vipul Amratlal *Letters in Organic Chemistry* , 10(6), 445-450 , **2013**
32. Indion 190 resin: reusable catalyst for the synthesis of quinoxalines and pyridopyrazines at ambient temperature, **Gangadhar A. Meshram**, Shruti S. Deshpande, Vipul Vala, Pramod Wagh, *Eur. J. Chem* 4(4), **2013**, 422-424
33. Characterization of campesterol, stigmasterol and β -sitosterol from *vinca rosea* leaves by gc-ms and biological evaluation. **Gangadhar A. Meshram***, Shraddha S. Khamkar, Ganesh S. Metangale, Tanushri S. Kulkarni, *World Journal of Chemistry*, 3(4), 2038-2042 (**2014**)
34. Biological evaluation of garlic leaves for carbohydrate metabolism, in vitro, **Gangadhar A. Meshram***, Tanushri S. Kulkarni, Ganesh S. Metangale, Shraddha S. Khamkar *World Journal of Chemistry*, 3(5), 476-482 (**2014**)

35. Silica supported lanthanum triflate mediated synthesis of 5-substituted-1*H* tetrazoles. **Gangadhar A. Meshram**, Shruti S. Deshpande, Pramod A. Wagh, Vipul A. Vala, *Tetrahedron Letters*, 55 (2014) 3557-3560.
36. Effect Of Oleanolic Acid Isolated From Garlic Leaves On Carbohydrate Metabolizing Enzymes In Vitro, **G. A. Meshram***, S. S. Khamkar *International Journal of Pharmaceutical Sciences and Research (IJPSR)* 5(12), 988-991 (2014)
37. Synthesis, characterization and antimicrobial activity of benzimidazole derived chalcones containing 1,3,-oxadiazole moiety. **Gangadhar A. Meshram**, Vipul A. Vala, *Chemistry of Heterocyclic Compounds*, 2015, 51(1) 44-50.
38. Efficient Microwave Assisted One Pot Synthesis of Novel Spiroanthopyrano-one Derivatives, **Gangadhar Meshram**, Pramod Wagh, Vipul Amratlal, Shruti Deshpande, *Journal of Heterocyclic Chemistry* 52, 1639-1645,(2015) DOI 1.1002/jhet.22740
39. Isolation, characterization and biological evaluation of fatty acid methyl esters (fames) from *vinca rosea* seeds. **Meshram Gangadhar***, Kulkarni Tanushri, Khamkar Shraddha and Metangale Ganesh, *European J. of Pharmaceutical and Medical research*, 2015, 2[5], 1024-1032.
40. Isolation of sterols from *ocimum sanctum* l. Leaves and it's inhibitory action on glucoamylase in vitro, **Gangadhar A. Meshram***, Ganesh S. Metangale, Shraddha Khamkar and Tanushri Kulkarni, *European J. of Pharmaceutical and Medical research*, 2016,3(3), 341-345

PAPERS PRESENTED IN VARIOUS CONFERENCES / SYMPOSIUM / WORSHOPS

- 1 Effect of certain antibiotics on liver α - glucoamylase. Gangadhar A Meshram, and D G Dhuley, Poster presentation at silver jubilee national conference of Indian Council of Chemists hosted by University of Mumbai and Birla College at Kalyan on 26th to 29th December, 2006.
- 2 Oral presentation of paper (Abstract -16), 20th Research Scholars' Meet-2008, organized by Indian Chemical Society and Department of Chemistry, V.G. Vaze College, Mulund, Mumbai, on 22nd and 23rd February, 2008.
- 3 Study on seed extract of *Syzigium cumini* on glucoamylase activity in vitro. Sunil Yadav, Gangadhar Meshram and Datta Shinde, National Conference on Chemistry of Materials (NCCM-2009), University of Mumbai, Vidyanagari, Santacruz, 20-21 Feb. 2009.
- 4 Isolation, purification of natural components from *syzigium cumini* (jamun) seeds and in vitro effect on carbohydrate metabolism, 38, page 38, 22nd RSM, Feb 19-20, 2010, RSM-Sathaye College, Mumbai. Sunil Yadav, Gangadhar Meshram
- 5 Simple, efficient synthesis and antimicrobial activity of 3-(1*H*- benzoimidazol-2-yl)-2-chloro quinolines, J. V. Shelke and G. A. Meshram, OP-13. NCSANM-2010, National Conference on Synthesis and Application of Novel Materials, Dept. of Chemistry, University of Mumbai, Vidyanagari, Santacruz, 4th & 5th March 2010.

- 6 Green and environmentally benign process for synthesis of quinoxaline derivatives, S. S. Deshpande and G. A. Meshram, PC-133.ICCM-2011, International Conference on Chemistry for Mankind, Dept. of Chemistry, Institute of Science, Nagpur, 9th, 10th & 11th February **2011**.
- 7 Isolation of glucoamylase activating components from garlic rhizomes : *in vitro* study, (OP- 672), Meshram Gangadhar*, Khamkar Shraddha, 4th International Congress of Environmental Research held at Surat, Gujrat, on 15th to 17th Dec. **2011**.
- 8 Kochin One-Pot Synthesis of Spiro[quinazoline/pyrimidine]ones via Multi Component Reaction, (PP- 5), Pramod A. Wagh and Gangadhar A. Meshram, National Seminar on Current Trends in Chemistry, Department of Applied Chemistry Cochin University of Science and Technology, CUSAT, 20th-21st January **2012**.
- 9 A mild and efficient method for the synthesis of 5-Substituted 1H-tetrazoles via [2+3] cycloaddition of nitriles and sodium azide, (PP- 6), Shruti S. Deshpande and Gangadhar A. Meshram, National Seminar on Current Trends in Chemistry, Department of Applied Chemistry Cochin University of Science and Technology, CUSAT, 20th-21st January **2012**
- 10 Polyethylene glycol (PEG-400) as an alternative reaction solvent for the synthesis of Benzimidazol-2-susbtituted chalcones.,(PP- 7), Vipul Amratlal Vala and Gangadhar A. Meshram, National Seminar on Current Trends in Chemistry, Department of Applied Chemistry Cochin University of Science and Technology, CUSAT, 20th-21st January **2012**.
- 11 Stigmasterol and β - sitosterol: glucoamylase inhibitors, isolated from Tulsi leaves, (PP- 130), Gangadhar A. Meshram and Ganesh S. Metangale, 17th International Conference on Expanding Horizons in Chemical and Biological Sciences: Innovations Crossroads, ISCBC-2012, 21st-24th January 2012, Solapur University, Solapur.
- 12 Effect of ethanol extract of *Helicters Isora* on glucoamylase: *invitro*, (PP-17), Sachin G. Bhandare and Gangadhar A. Meshram, National Symposium on Emerging Trends in Life and Material Sciences: Mission Mankind' Organised by KET's V. G. Vaze College, Mulund(E), Mumbai-81, 25th January **2012**.
- 13 Synthesis and Biological activity evaluation of some new heterocyclic spiro compounds, (AB No.26) Gangadhar Meshram and Pramod Wagh, UGC Sponsored National conference on Current Trends in Nano Sciences (RTNS-12), Organised by Birla College, Kalyan, on 1-2 March, **2012**.
- 14 Isolation, characterization and effects of some phytochemicals on carbohydrate metabolizing enzymes. Gangadhar A. Meshram, Bhavana Patil, Shraddha Khamkar and Tanushree Shingte. Presented research paper at UGC sponsored National Seminar in Chemistry on 21 and 22 Sept., **2012 at Gaya college, Gaya, Maghad university, Bihar**.
- 15 Effect of aqueous and ethanolic xtracts of Ficus Benghalensis bark on glucoamylase *in vitro*. Gangadhar A. Meshram, Dattatraya Shinde, Poster Presentstion(PP-192) at 2nd International Conference on Energing Trends in Chemical Sciences Organised by Scool of Chemical Science, Solapur University, Solapur on 3rd Nov., **2012**.
- 16 One pot synthesis of Oxapentacyclotheir effect on glucoamylase *in vitro*. G. A. Meshram, Pramod Wagh, Poster Presentstion(PP-193) at 2nd International Conference on Energing Trends in Chemical Sciences Organised by Scool of Chemical Science, Solapur University, Solapur on 3rd Nov., **2012**.
- 17 Effect of various extracts of *Ocimum Sanctum* leaves on carbohydrate regulatory enzymes in vitro (PP192), Ganesh S. Metangale and Gangadhar A. Meshram* 19th International conference ISCBC-2013, Mohanlal Sukhadia University, Udaipur, Rajastan on 2nd to 5th March, **2013**.
- 18 Microwave assisted One-pot Synthesis of Spironaphthopyranopyrimidine in aqueous medium (PP201), Pramod A Wagh, Nitin A Sasane and Gangadhar A Meshram*, 19th International

conference ISCBC-2013, Mohanlal Sukhadia University, Udaipur, Rajasthan on 2nd to 5th March, **2013**.

- 19 Pharmaceutical evaluation of Garlic leaf extracts for their effect on carbohydrate metabolizing enzymes in vitro, Shraddha S. Khamkar, Gangadhar A. Meshram*19th International conference ISCBC-**2013**, Mohanlal Sukhadia University, Udaipur, Rajasthan on 2nd to 5th March (PP203),
- 20 19th International conference ISCBC-2013, Mohanlal Sukhadia University, Udaipur, Rajasthan on 2nd to 5th March, **2013**.
- 21 Mild and environmentally benign synthesis of 1, 8-dioxo-octahydroxanthones, Shruti S. Deshpande and Gangadhar A. Meshram*(PP204), 19th International conference ISCBC-2013, Mohanlal Sukhadia University, Udaipur, Rajasthan on 2nd to 5th March, **2013**.
- 22 21. Effect of isolated sterols from leaves of *Vinca Rosea* on glucoamylase, Tanushri S. Kulkarni and Gangadhar A. Meshram*(PP204), 19th International conference ISCBC-2013, Mohanlal Sukhadia University, Udaipur, Rajasthan on 2nd to 5th March, **2013**.
- 23 22. Design, synthesis and evaluation of Thiazolyl-pyrazoline derivative as antimicrobial agent, Vipulkumar Amratlal and Gangadhar A. Meshram*(PP208), 19th International conference ISCBC-2013, Mohanlal Sukhadia University, Udaipur, Rajasthan on 2nd to 5th March, **2013**.
- 24 Isolation, Characterization and biological evaluation of Ursolic acid and Methyl Palmitate from *Ocimum Sanctum L.* Ganesh S. Metangale, Gangadhar A. Meshram,**OP-21**, NCAICS-2015, University of Mumbai, February 12-13. **2015**.(pg 29)
- 25 Isolation of Fatty Acid Methyl Esters From *Vinca Rosea* and Their Effect on Carbohydrate Metabolising Enzymes, In Vitro Kulkarni Tanushri, Meshram Gangadhar, **PP-8**, NCAICS-2015, University of Mumbai, February 12-13. **2015**.
- 26 Isolation and Biological Evaluation of Kaempferol Isolated From Garlic Leaves, In vitro. Shraddha Khamkar, Gangadhar Meshram, **PP-9**, NCAICS-2015, University of Mumbai, February 12-13. **2015**.
- 27 Ultrasoundassisted synthesis of N-substituted benzimidazole derived chalcones as α -glucosidases inhibitor. Vipul A. Vala and Gangadhar A. Meshram, **PP-7**, NCAICS-2015, University of Mumbai, February 12-13. **2015**.
- 28 Green Approach towards Synthesis of Coumarin Derivative and Antioxidant Activity of *Coriandrum sativum*. Anushree V. Samant, Gangadhar A. Meshram, **PP-6**, NCAICS-2015, University of Mumbai, February 12-13. **2015**.
- 29 Biological Evaluation and Synthetic Application of β -Resorcilaldehyde Isolated from *Cassia Fistula Linn* bark, B. Bolar and G.A. Mesharm, **ANL-PP-22**, National Conference on Chemical sciences: Emerging Scenario and Challenges (NCCS-2016), Department of Chemistry, Sant Gadge Baba Amravati University, Amravati, 29th-30th January **2016**.
- 30 Isolation, Characterisation and Biological Evaluation of Phenolic Acid from *Vinca Rosea Leaves*, G. A. Mesharm and T. S. Kulkarni. **OP-22**, National Conference on Chemical sciences: Emerging Scenario and Challenges (NCCS-2016), Department of Chemistry, Sant Gadge Baba Amravati University, Amravati, 29th-30th January **2016**.

- 31 Biological evaluation of Oleanolic acid isolated from *Ocimum Sanctum L.* stems . Ganesh S. Metangale, Gangadhar A. Meshram* National Conference, Agrawal College, Kalyan. 26,27 February, **2016**
- 32 Antioxidant screening of *Neolamarckia cadamba* extracts Jennifer George, Gangadhar Meshram* National Conference, Agrawal College, Kalyan. 26,27 February, **2016**
- 33 Bioactivity of Ursolic acid isolated from the *Vinca rosea* stem bark . Tanushri S. Kulkarni, Gangadhar A. Meshram* National Conference, Agrawal College, Kalyan. 26,27 February, **2016**

CONFERENCES/ SEMINAORS/ WORSHOPS ATTENDED

1. International Conference in Emerging Trends in Chemical Sciences, Department of Chemistry, University of Mumbai, India, 23rd-25th Jan, **2007**.
2. National Seminar on Nanomaterials, Department of Chemistry, University of Mumbai , India , 28-29 March **2008**.
3. National Conference on Chemistry of Materials (NCCM-2009), University of Mumbai, Vidyanagari, Santacruz, 20-21 Feb. **2009**.
4. UGC Sponsored State level Conference on Recent Advances in Chemistry, Dept. of Chemistry, Sonopant Dandekar College Palghar, 19th-20th February **2010**, PP-003.
5. Recent Advances in Radiation Biophysics, organized by the Dept. of Biophysics, University of Mumbai under the aegis of Indian Society of Radiation Biology (ISRB) and International Society for science & and Technilogy (ISST) on 28th February **2011**.
6. Attended and Participated 4th International Congress of Environmental Research held at Surat, Gujrat, on 15th to 17th Dec. **2011**.
7. Participated and Chaired one of the Sessions of National Seminar on Current Trends in Chemistry, Department of Applied Chemistry Cochin University of Science and Technology, CUSAT, 20th-21st January **2012**.
8. Participated and Chaired one of the Sessions, UGC Sponsored National conference on Current Trends in Nano Sciences (RTNS-12), Organized by Birla College, Kalyan, on 1-2 March, **2012**.
9. Participated and Judged Poster Competition session at Two days Seminar on ‘Recent Advances in Analytical Techniques (RAAT-2012)’, organized by Birla College, Kalyan on 24th and 25th August, **2012**.
10. Participated A workshop on “A brain Storming Session for Application of Technology for Sustainable Development in the The State of Maharashtra Organised by Maharashtra Academy of Sciences (MASc) and Shivaji University, Kolhapur, Sponsored by Rajiv Gandhi Science and Technology Commission (RGSTC) on 26th and 27th November, **2012**.

11. Attended 19th International conference ISCBC-2013 , Recent Advances and Current Trends in Chemical and Biological sciences Jointly organized by Indian Society of Chemists and Biologists and Department of Chemistry, Mohanlal Sukhadia University, Udaipur, Rajasthan on 2nd to 5th March, **2013**.
12. National Conference on Advances in Synthetic and Material Chemistry,(NCASMC-2014), Department of Chemistry, University of Mumbai, March 10-11, **2014**
13. 102 Indian science Congress, University of Mumbai, dated 3rd January to 5th January, **2015**
14. NCAICS-2015, Department of Chemistry, University of Mumbai, February 12-13, **2015**.
15. Rendered valuable service as a member of Jury for the evaluation of participant in Poster sessions. NCCS-2016, Department of Chemistry, Sant Gadge Baba Amravati University, Amravati, 29th-30th January **2016**.
16. Coordinated as Chairperson of one of the technical sessions, National Conference, Agrawal College, Kalyan. 26-27 February, **2016**

ORIENTATION/REFRESHER COURSE/WORSHOPS ATTENDED-COORDINATED

1. Orientation course: Goa University (Dec. 1989-Jan. 1990)
2. Refresher course: Institute of Science (1993)
3. Refresher course: Department of Chemistry (1996)
4. Refresher course (**Coordinated**) **Refresher Course in ‘Recent Trends in Chemical Sciences’ 4th October 2010-23rd October 2010**
5. Refresher course (**Coordinated**). **Refresher course in “Frontiers in Chemical Sciences” 11th November to 30th November 2013**
6. **Secretary, National Conference on Advances and Innovations in Chemical sciences, 2015 (NCAICS-2015), Department of Chemistry. 12-13 February, 2015.**