

# CURRICULUM VITAE

**Dr.GAVAJIBRAHMESHWARI**

**M.Sc., Ph.D.**

Head & Professor of Chemistry

Kakatiya University

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## Objective:

To secure a position with a well-established organization with a stable environment, where I can use my strength in chemistry and analytical skills in delivering the best solutions possible.

## Teaching Summary:

I have 30 years of teaching experience in various educational institutions and successfully handling other responsibilities. I would like to express my sincere efforts in applying relevant experience and background to a position relating and expanding my skills in concern field. I received Ph.D degree in organic chemistry from Kakatiya University, Warangal India (1995). I have published in Twenty two papers in peer reviewed reputed scientific Journals and three are under communication.

## Teaching Experience:

- Worked as a Govt. Junior Lecturer in Chemistry in various Govt. Junior Colleges from 07-01-1991 to 22-09-2004 for about fourteen years.
- Worked as a Govt. Degree Lecturer in Chemistry in Govt. Degree College from 23-09-2004 to 31-06-2005 for about one year.
- working as a Assistant Professor of Chemistry in Department of chemistry, Kakatiya University from 2005 to till.

## ADMINISTRATIVE POSTIONS:

- 1) 13-07-2007 To 13-07-2009 Joint Director padmakshi women's hostel
- 2) 17-08-2010 To 31-01-2011 in charge department of chemistry ,UASC , KUC.
- 3) 01-08-2011 To 01-08-2013 Deputy Director SDLCE KUC
- 4) 2-04-2016 To 04-05-2017 SC/ST CELL Director

## ACADEMIC ACHIVIWMENTS:

- 1) Program Coordinator One week faculty Development Program for Chemistry Teacher is Organized as under star college scheme UASC 13<sup>th</sup> to 18<sup>th</sup> December, 2010.  
Department of chemistry sponsored by DBT government of India new Delhi
- 2) Coordinator : (1) National Conference ,Sponsored by DBT OF UGC Environmentally Benign Synthetic Methodology In Chemistry Feb 2009 by DBT UASC,KUC  
(2) Chemistry for Human well being National Conference Sponsored by pollutions Board June 2009 UASC, KU  
(3) Three Week Industrial training program for Polytechnic chemistry faculty
- 3) Convener : National Seminar Organized by Department of Chemistry ,KUC Sponsored by UGC. "Recent Advance In Chemical Research " .6&7<sup>TH</sup> APRIL 2018
- 4) Director : National Seminar Organized by Department of Chemistry KUC on Innovators in Chemical Research sept 15- & 16-2022 Sponsored by TSCHE , & UGC
- 5) Board of Studies in Chemistry KUC 17-11-2019 to 16-11-2020

### **Research Expertise:**

I have more than Seventeen years of research experience in Natural & synthetic organic chemistry, well with synthesis, characterization and biological evaluation of new heterocyclic compounds like isoxazoles, pyrimidines, thiazoles, thiazolidinones and triazinanes fused with Benzimidazole nucleus. As a research guide, I have always put my best and sincere efforts towards the achievement of the assigned goals which were recognised and published in twenty two papers in peer reviewed reputed scientific journals and three more are under communication.

➤ <b>Research papers published</b>	<b>47</b>
➤ <b>Projects Completed</b>	<b>02</b>
➤ <b>Conference proceedings and presentations</b>	<b>73</b>
➤ <b>Books Published</b>	<b>03</b>

**Awards Won :**

- 1) "The best Teacher" 2022 by Global Management Council
- 2) "Adarsh vidya Saraswati Rashtriya Puraskar" for Valuable and noble Work on 20<sup>th</sup> .Day of June,2022 by Global Management Council

**Interesting research Areas:**

- Natural & Synthetic Organic Chemistry
- Eco –friendly catalysis and synthesis of heterocycles

**Professional Competence:**

- Development of new methodologies for organic synthesis
- Maintain good interpersonal relationships
- Software skills in windows, MS Office, Chemdraw

**Educational Qualifications:**

<b>Ph.D.</b>	Organic Chemistry- <b>1995</b> Kakatiya University, Warangal, India Specialization : Organic chemistry <b>Thesis title:</b> "Synthesis of Some New Type of Hetero Cyclic Systems from Quinones"
<b>M.Sc.</b>	<b>Chemistry- 1987</b> Second Division from Kakatiya University, Warangal-India, 1987
<b>M.Sc.</b>	Psychology-2012 First Division from Kakatiya University, Warangal-India, 2012
<b>B.Sc.</b>	<b>Botony, Zoology and Chemistry -1984</b> First Division with Distinction & 10 <sup>th</sup> Rank from Kakatiya University, Warangal-India, 1984
<b>Inter</b>	<b>(10+2): (Botany,Zoology,Physics&amp;Chemistry) -1981</b> Passed in First Division from Govt. pingle College for women, Hanamakonda,1981
<b>SSC</b>	<b>Secondary School Certificate (10<sup>th</sup>) -1979</b> Passed in First division & school First from GGHS, Bhongir, Nalgonda 1979

**List of Publications:**

1. Synthesis and Biological Activity of fused Heterocycles derived from embelin, *Indian Journal of Chemistry* Vol. 30B, March, 1991, pp. 369-370. **G. Brahmeshwari**, S. Ramadevi, M. S. Rao & T V Padmanabha Rao.
2. A Novel Synthesis of some Naphtho[2,3-*d*]thiazole-4,9-diones from Lawsone, *Phosphorus, Sulfur and Silicon*, Vol. 92, 1994, pp.51-56.  
**G. Brahmeshwari**, V Rajeswar Rao, T Surya Kumari and T V Padmanabha Rao.
3. Synthesis of 3-arylnaphth[2,3-*d*]-isoxazole-4,9-diones from Lawsone, *Indian Journal of Chemistry*. Vol.34B, February 1995, pp. 139-140. **G. Brahmeshwari**, V Rajeswar Rao and T V Padmanabha Rao.

4. Synthesis of 6,7-dihydroxy-3-aryl-5-undecyl-4,2-benzoxadiazines, *Indian Journal of Chemistry*. Vol.48B, October 2009, pp.1457-1461. **G. Brahmeshwari**.
5. Antifungal Activity of Semisynthetic Derivatives of Embelin (Embeliaribes), *Adv. Plant Sci.* 24(11), pp.467-470, 2011.
6. Synthesis and Biological Activity of 2-Amino Benzoic Acid (2-oxo-1,2 Dihydro-Indol-3-ylidene)-Hydrazides, *Journal of Advance Pharmaceutical Sciences*, Vol.-I, pp.47-51, 2011. G. Sammaiah, **G. Brahmeshwari** and M. Sarangapani.
7. Synthesis and Antimicrobial Activity of Some New Isatin Derivatives. *Journal of Advance Pharmaceutical Sciences*, Vol.-I, pp.10-15, 2011. Madhu, Blessi Priyanka, Maharaj, J. Krishnaveni, **G. Brahmeshwari**, Sarangapani. M and Sammaiah .G.
8. Anti Bacterial Activity of Naphthothiazoles Derived from Lawsone, *Journal of Pharmaceutical and Bimolecular Sciences* Vol.14 (17), 2012. **Gavaji Brahmeshwari**, Maganti Surekha, Kiran Saini.
9. Anti Fungal Activity of Naphthothiazoles derived from Lawsone. *African Journal of Biotechnology*, Vol.11(78) P.No 14405-14409, 27 Sep, 2012. **G. Brahmeshwari**, M. Surekha and Kiran Saini.
10. Anti Bacterial Activity of Benzoxadiazines Derived from Embelin. *International Journal of Pharmacy of Biological Sciences* (e-Issn; 2), June 2012, pp. 284-287. **G. Brahmeshwari**, G. Kumaraswamy.
11. Synthesis of 1H-Benzo[d]Imidazo-2-yl-3-aryl-4-chlorocyclobutanone-2-yl-methanones, 1H-Benzo[d]Imidazo-2-yl-dihydro-5-arylthiophen-3(2H)-one-2-yl-methanones, 4-(1H-Benzo[d]Imidazol-2-yl)-5,6-dihydro-6-arylpyrimidine-2(1H)-thiones and 4-(1H-Benzo[d]Imidazol-2-yl)-5,6-dihydro-6-arylpyrimidine-2-(1H)-ones. *Indian Journal of Heterocyclic Chemistry* Vol.23, Oct.-Dec, 2013, pp.207-212. **G. Brahmeshwari** and P Bhaskar.
12. Synthesis and antibacterial activity of Substituted 1-(1-tosyl/methylsulfonyl-1H-indole-2-yl) methyl-1H-Indazoles. *Asian. J. Research. Chem.* 2014, 7(5), 509-512. P. Bhaskar, **Kumaraswamy Gullapelli, G. Brahmeshwari**.
13. Synthesis and Antifungal Activity of 3-(4-(4-(1H-Benzo[d]Imidazol-2-yl) Phenylamino) Thiazol-2-yl)-2-Phenyl Thiazolidin-4-One

14. Design and synthesis of some novel pyrazole derivatives of Benzoxazol with Antimicrobial and Anti- Inflammatory Activity *WJPPS*. vol 3 Issue 9, 2014 P.No. 699 to 713. B. Srinivas, **G. Brahmeshwari**.
15. Design synthesis and biological evaluation of benzoxazole derivatives as new antiinflammatory agents. *Pelagia Research Library, Der chemical Sinica*, 2014, 5(1): P.No 89 to 94. Srinivas B, Sammaiah G and **G. Brahmeshwari**.
16. Synthesis and anti-bacterial activity of N-arylquinoxalin-2-amines bearing benzimidazole derivatives, *Int J Pharm Sci Res* 2015.6(2)752-756. P.Bhaskar, **Kumaraswamy Gullapelli, G. Brahmeshwari**.
17. Synthesis and anti bacterial activity of aryl thiazolidin-4-one /azetidin-2-one derivatives from Pyrimidino-benzimidazole, *World Journal of Pharmacy and pharmaceutical sciences* September s2014 page no:1041-1050. P.Bhaskar, **Kumaraswamy Gullapelli, T. Muralikrishna, G. Brahmeshwari**.
18. Synthesis and antifungal activity of 3-(4-(1H-benzol[D] phenylamino) Thiazolidin-4-one derivatives *Int. J. Chem. Sci.* 2014, 12(3), 1-9. **Kumaraswamy Gullapelli, G. Brahmeshwari**.
19. Synthesis and anti microbial activity of 2-(4-aminophenyl benzimidazole based pyrimidine derivatives. *Int. J. Pharm. Bio Sci.* 2014, 5(1), 682-690. **Kumaraswamy Gullapelli, Muralikrishna Thupurani, G. Brahmeshwari**.
20. Synthesis and anti bacterial activity of N-Arylquinoxalin-2-amines bearing benzimidazole derivatives 2015. *Int J Pharm Sci Res* 2015.6(2)752-756. P.Bhaskar, **Kumaraswamy Gullapelli, G. Brahmeshwari**.
21. A Facile synthesis of substituted quinolines by NaH mediated benzylic C-H functionalization of methyl aza-arenes and nucleophilic addition to aromatic aldehydes *Der Pharma Chemica*, 2016, 8(3):210-217 Suresh Budde, Jagadeesh Kumar Ega, **Brahmeshwari Gavaji\*** and Ravinder Vadde\*
22. Efficient Synthesis of Bis-indolyloxindoles from (Phenylimino)indolin-2-ones and 1H-Indole Catalyzed by *p*-Toluenesulfonic Acid **B. Suresh, G. Brahmeshwari, T. Swamy, I. Gopi, and V. Ravinder\*** ISSN 1070-3632, *Russian Journal of General Chemistry*, 2016, Vol. 86, No. 5, pp. 1144–1150
23. An efficient synthesis of bis-indolyloxindoles from (phenylimino)indolin-2-ones and 1H-indole catalyzed by Citric acid **VL - 2DO - 10.17812/IJRA.2.8(62)2015 JO - International Journal of Research and Applications**

- 24.** Synthesis and antimicrobial activity of 1-(5-isopropoxy-2-methyl-4-nitrophenyl) substituted Benzimidazole derivatives via Buchwald-Hartwig coupling *IOSR Journal of Applied Chemistry*; 2016, 9(2)71-75. P.Bhaskar, KumaraswamyGullapelli, K.JagadeeshBabu and **G.Brahmeshwari**.
- 25.** Synthesis and characterization of New Triazinane-2-Thione and Oxadiazinane 4-Thiones from Benzimidazole. Journal: Novel approaches in Drug Designing and Development(NAPDD) Juniper. Mini Review Volume 2 Issue 2-june 2017.
- 26.** Synthesis and antimicrobial activity of Benzimidazole fused 5-alkyl 1, 3, 5-Triazinane-4-ones /1, 3, 5 oxadiazinane 4-one derivatives. *Asian. J. Research. Chem (accepted)* KumaraswamyGullapelli, **G.Brahmeshwari**,K.Jagadeeshkumar and P.Bhaskar.

27. Synthesis, antibacterial and molecular docking studies of new benzamidazole derivatives  
Egyptian Journal of Basic and Applied Sciences 4 (2017) 303-309  
KumaraswamyGullapelli , M.Ravichander , Uma Kusuma
28. Synthesis and antimicrobial activity of naphtha-[1,2-e][1,3]oxazines linked  
benzimidazole, Indian Journal of Chemistry Vol. 56B, November 2017,pp.1185
29. TBBDA Catalyzed One-Pot Pseudo Four-Component Synthesis of  
BenzamidazolyChromino [2,3-D] Pyrimidines And Their Antimicrobial Activity.  
World Journal of Pharmacy And Pharmaceutical Sciences Vol 6, Issue 12, 687-  
697(November,2017). G.Brahmeshwari&B.Kishore
30. Synthesis of 1,3,5 Trazinane-2-ones and 1,3,5 Oxadiazinane-2-ones linked with  
Benzimidazoles (Asian Jr Research Chem 10(4) ) July-Aug 2017
31. Synthesis and Antimicrobial Activity of benzimidazolyloxazolyl thiazolidin-4-ones and  
azetidin-2-ones (Indian Jou of Chemistry Vol.57B.Aug 2018)
32. Synthesis and Antimicrobial Screening of Novel 4-(1H-BENZO[d]IMIDAZOL-2-YL)-  
8,9-DIARYL-1,6-DIOXA-4,7,9-TRIAZASPIRO[4,5]DEC-7-EN-3-ONES)  
(Heterocyclic Letters Vol.8/No.3\631-639 May-July 2018)
- 33.A Sequential Synthesis of 3-(5-nitro-4 thiocyanatopyrimidin-2-yl)-3H-benzo[d]imidazole-5- carbonitrile  
International Journal of Research in Advent Technology, Vol.6, No.6, June 2018 E-ISSN: 2321-  
9637 Sri Sudha Kankanala1 , Brahmeshwari Gavaji 2\* 1,2\*Department of Chemistry, Kakatiya  
University, Warangal Urban ,Telangana-506009.
34. A Facile Synthesis of 1-Aryl Pyrroles by Clauson-Kaas Reaction using Oxone as a  
Catalyst under Microwave Irradiation (Bull.Chem. Soc. Ethiop, 2019, 33(1) 143-148)
35. Synthesis and Antioxidant activity of New ThioxoTriazinane 2-one Derivatives (Inter J  
of Pharmacy and Biological Sciences 2019 9 (2) 850-855)
36. Synthesis of podophyllotoxin-glycosyltriazoles via click protocol mediated by silver (I)-  
N-heterocyclic carbenes and their anticancer evaluation as topoisomerase-II Inhibitors  
(Natural product Research 2019)
37. Synthesis of D-ring modified acid hydrazide derivatives of podophyllotoxin and their  
anticancer studies as Tubulin inhibiting agents (Bioorganic Chemistry 94 (2020)  
103384)
38. Synthesis, Molecular Docking and Antitubercular Activity of New BI Heterocyclic  
Compounds on BenzimidazoleMoeity (RasayanJ.Chem Vol.13 \ No.1 585-592 Jan-Mar  
2020)
39. Synthesis of novel benzo[4,5]imidazo[1,2-a]pyrimido-[4,5-d]pyrimidine derivatives as  
potent antimicrobial agents (Indian J of Chemistry Vol.59 B April 2020 pp.445-453)
40. An Efficient Synthesis , Anti inflammatory activity and Molecular Docking Studies of  
new Triazinanes and Iminothiazolidinones (Research J.Pharma and Tech. 13(10) Oct 2020)
41. Green Synthesis of Chromene Congeners via Multi Component Reaction and their  
Antimicrobial studies (Chemistry Select 2021)

42. A simple and efficient one-pot synthesis of novel benzimidazo[1,2-a]-chromeno[4,3-d]pyrimidinones catalysed by [Et<sub>3</sub>NH][HSO<sub>4</sub>] (Indian J. of Chemistry Vol 59.B Sept 2020 pp.1418- 1424)
- 43 Environmentally Benign Synthesis of 2-(((1- aryl-1H-1,2,3-triazol-4-yl)methyl)sulfonyl)- 1-methyl-1H-benzo[d] imidazole Derivatives as Potent Anticancer Agents  
Kankanala Sri Sudha, Budde Suresh, G. Brameshwari\* Department of Chemistry, Kakatiya University, Warangal, TS-506 009, India INFOKARA RESEARCH Volume 9 Issue 7 2020
44. Synthesis and Antimicrobial Evaluation of BenzimidazolylPyrimido[4,5-b] Quinolinones  
(Letters in organic chemistry 2021, 18,303-310)
45. Synthesis and antimicrobial activity of 2-((4-(1H-benzo[d]imidazol-2-yl)-6-(2-ethylcyclopentyl) pyrimidin-2-yl)thio)-N-methylacetamide (Indian Journal of Chemistry Vol. 61, August 2022, pp. 816-822)
46. Design and Synthesis of some novel 3-benzylidene-1H-benzo [4,5]imidazo[2,1-c] [1,4]oxazine-1,4(3H)-dione derivatives and evaluation of their biological activity  
(ResearchJournal of Chemistry and Environment Vol. 25 (11) November(2021))
47. Synthesis and antimicrobial activity of novel benzo[4', 5']-imidazo[1',2':1,2] pyrrolo[3,4-b]isoxazolo[4,5-e]pyridines  
G Prasoonaa,b, B Kishorea & G Brahmeshwari\*a  
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b Government Degree College, Narsampet, Warangal 506 132, India  
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Received 27 October 2021; accepted (revised) 7 January 2022  
Indian Journal of Chemistry Vol. 61, February 2022, pp. 174-183

### **Papers presented in National & International Conferences:**

- 1 Presented a paper on trend setting innovations in chemical sciences and technology Nature inspired chemistry and engineering. in TSCST-NICE 4th to 6th October 2016.
- 2 Presented a paper in recent advances in chemical and material sciences in RACMS on 20th & 21st August 2016. National Symposium
- 3 Presented a poster in national conference on Challenges in Catalysis science and technology (CCST) on 23rd to 25th June 2016
- 4 Presented a poster in National seminar on Food security for women and children in INDIA about challenges and opportunities in 21st and 22nd march 2016.
- 5 Presented a poster in national conference on Frontiers in chemical sciences and technologies (FCST) on January 28th & 29th 2016.



- 6 Presented a poster in national seminar on emerging trends and challenges in chemical research on 18th &19th December 2015. 4
- 7 Presented a poster in International Conference on Trend setting Innovation in Chemical sciences & Technology Applications in Pharma Industry (TSCST-API) from 16th -18th December2015.

- 8 National Seminar on Recent Trends in Animal Biotechnology, 27-28 Nov 2014, KU Warangal
- 9 Presented poster in Drug Discovery & development (NIPER) on November 20 and 21st 2015.
- 10 Andhra Pradesh Academy of Sciences. Golden Jubilee Science Congress (APAS) 13-15 NOV 2014, ICT HYD.

- 11** Presented poster on Pharmacognosy, Phytochemistry & natural products in OMICS international conference on October 26th to 28th 2015.
- 12** DST Sponsored National Conference on Recent Challenges in Chemical and Biological Sciences, 28-29 July 2014 Vignan University, Guntur.
- 13** Presented poster in National conference on recent advances in chemical and pharmaceutical sciences (NACRACAPS) 10th and 11th April 2015.
- 14** Presented paper in National conference on recent advances in chemistry (RAC-2015) on 30th and 31st March 2015
- 15** Presented poster in National Conference on sustainability through chemical and biological sciences (NCSCB-2015) organized by Mahatma Gandhi Institute of Technology on 19th to 20th March -2015.
- 16** Presented poster in National Seminar on Emerging trends & Challenges in Chemical Research (NCFCR-2013) organized by Mahatma Gandhi University on 14th Feb- 2015.
- 17** Presented poster in International Conference on New Dimensions in Chemistry & Chemical Technologies –Applications in Pharma Industry organized by JNTU H on 23-25 June, 2014
- 18** Presented poster in International Conference on Drugs for the future: Infectious Diseases (DFID- 2014) organized by NIPER Hyderabad on 27-28th March 2014
- 19** A one day Seminar on X-ray Diffraction; Key to Crystallographic Studies, 15th March 2014 at Osmania University College for Women, Koti HYD.
- 20** Presented poster in International Symposium on Nature Inspired Initiatives in Chemical Trends (NIICT-2014) Organized by CSIR-IICT-Hyderabad on 2-5 th March 2014.
- 21** 2 nd International Conference on Emerging Trends in Chemical and Pharmaceutical Sciences ICE –TCPS-2014.
- 22** International Symposium on Environmental pollution, Nutrition and Genetics. 27-29 Dec 2013 Vikramasimhapuri University and UNT Health Science Center.
- 23** National Conference on Frontiers of Chemical Research-2013, 23-26 October , JNTU HYD.
- 24** 1 st Annual International Conference (AIC-1) and Industry- ccrscongress , 13-14 July 2013, Sanketika Vidya Parishad Engineering College, Vishakapatnam.
- 25** UK –India Medchem Congress 22-23 March 2013, Csir IICT, HYD.

- 26 21st National Symposium on Catalysis for Sustainable Development, 11-12 Feb 2013 CSTR ICT, HYD.
- 27 7 th RSC-CRSI Symposium in Chemistry Jan 31 to 4th Feb 2013 , BHU Varanasi.
- 28 15th CRSI National Symposium on Chemistry Feb 1to 3rd ,2013 BHU Varansi.
- 29 National Conference on Advances in Material Science and Technologies. 19th to 21st NOV 2012.
- 30 International Conference on Biodiversity & Sustainable Energy Development, Sept. 14-15, 2012.
- 31 National Conference on Emerging Trends in Chemical Research NCETCR 2012 – Gitam University, Visakhapatnam, 7th & 8th Sep. 2012.
- 32 International Symposium on Chemistry & Chemical Biology of Natural Products, CSIR – ICT, Hyderabad Aug 2-4 ,2012
- 33 National Conference on Interface Between Chemical Sciences and Technologies 29th and 30th Dec, 2011
- 34 Visual Aids in Teaching Chemistry, Sponsored by UGC at Railway Degree College, Secunderabad. Sept 2011.
- 35 New Trends in Pollution Abatement, Seminar Sponsored by APPCB Zonal Office, Hyderabad-2010.
- 36 Chemistry for Human well being – sponsored by UGC Worked as a Coordinator - 2010 .
- 37 Green Chemistry –An Innovation to Sustainable Development 29th to 30th March,2010 KU, Warangal.
- 38 Recent Advances in Chemical Research (NCRACR – 2009) Dept. of Chemistry, Osmania University, Hyderabad. 6.
- 39 Environmentally Benign Synthetic Methodologies in Chemistry (EBSMC) – 2009 Dept. of Chemistry, UASC, Kakatiya University, Warangal.
- 40 New Vistas in Chemistry During 21st century Pingle Govt. College, (P.G. for Women), Waddepally .
- 41 New Vistas in Chemistry During 21st century Pingle Govt. College, (P.G. for Women), Waddepally
- 42 Synthesis of Benzimidazole-Dihydropyridine Hybrids and their Antimicrobial

- activity. International seminar on Green Chemistry for Sustainable Development: Issues, Challenges and Properties". 20 & 21 January 2017 at Loyola Academy Degree & PG college.
- 43 Synthesis and Biological Evaluation of Benzimidazole-dihydroPyrimidin-2-one hybrids as Antitumor agents. Innovations in pharmaceutical Technologies & workshop on GLP/GMP compliance. NIPER- Hyderabad. 24 & 25 January 2017.
  - 44 Synthesis and new 1-(1H-Benzo[d] imidazol-2yl)-3,6-di aryl-4-thioxo-1,3,5-triazinan -2-ones. National seminar on Role of chemistry in Human Health and Environment. In association with Telangana state council & Higher Education. 27 & 28 January 2017, JVR. Govt. College, Department of chemistry, Sathupally.
  - 45 Synthesis and novel Benzimidazolo[2'',3'':1'',2''] Pyrimido[4'',5':4,5] pyrimido [6,1-b] quinoline-8-ones and their in vitro Anti-Cancer and Antimicrobial activities. Semi recent trends and challenges in chemical sciences (RJCCS) 24-25 march 2017. Department of chemistry Kakatiya University, Warangal.
  - 46 Synthesis And Anti Cancer Evaluation of Some New Derivatives of Lawsone. National seminar on green chemistry for sustainable development. 6-7<sup>th</sup> April 2017 GDC, Jammikunta, Shathavahana University, Karimnagar.
  - 47 Synthesis and Biological evaluation of some New derivatives of Lawsone as Anti cancer agent. National seminar on Recent Developments in chemical sciences and Allied technologies 29-30<sup>th</sup> June 2017. (Paper Presentation) NIT, Warangal.
  - 48 Facile Synthesis and Characterization of New Triazinane-2-Thiones and from Benzimidazole. International Conference of International Academy of Physical science (CONIAPSXX) Recent advances in Physical Science And Future Challenges. July 14 to July 16<sup>th</sup> 2017 at OU, Hyderabad.
  - 49 Presented a paper on DST sponsored National Conference on Advanced Chemical Materials and process for technological Applications in Life Sciences, Pharmacy And Health Care 18<sup>th</sup> to 19<sup>th</sup> August 2017 at Vignan's University Guntur.
  - 50 Synthesis of Lawsone Derivatives for Anticancer Evaluation in Two Day

International Conference on Innovations in commerce and Science on 29<sup>th</sup>& 30<sup>th</sup> November 2017 at Nizam College(Autonomous)[ICICS] O.U, Hyderabad.

- 51** Synthesis and Novel 4-(H-Benzo[d] Imidazol-2-yl)-2H-benzo[b] 1,4-oxazin-3(4H)-one and their Anti Microbial Activities in 5<sup>th</sup> International Conference On Science, Technology & Management(ICSTM-2017 on 3<sup>rd</sup> Dec,2017 at The Institution of Engineers India, Visvesvaraya Bhavan, Hyd, Telangana.
- 52** Environmental Issues and Challenges in National Conference on Harmony with nature in context of Environmental Issues and challenges on 21<sup>st</sup> -23<sup>rd</sup> Dec,2017 at Dept. of Zoology KU, Warangal.
- 53** Feminism on Social Media in Two Day National Seminar on Role of Social Media in Empowerment of Women by Dept of Journalism and mass Communications SDLCE ,KU, Warangal On 5<sup>th</sup> -6<sup>th</sup> Feb ,2018.
- 54** Synthesis of Benzimidazole –Isoxazole Hybrids for Anti-Cancer Activity in the National Conference on Recent advances on Pharmaceutical Science(RAPS) on 23<sup>rd</sup> 24<sup>th</sup> Feb 2018.
- 55** Synthesis and Biological Evaluation of Benzimidazole dihydro pyrimidine -2-ones hybrids as Tubulin inhibiting agents in UGC Spon Two Day National Seminar on 6<sup>th</sup> and 7<sup>th</sup> April,2018 at Dept. of Chemistry KU, Warangal.
- 56** Design and Green Synthesis of some new N-(1H-Benzo[d]imidazol-2-yl)-1,4-DiHydro-5-Hydroxy-2-Methyl-4-phenylquinoline-3-carboxamide in International Conference SU-Chem 2018 Sustainable Chemistry For Health, Environment And Materials, 6<sup>th</sup> -8<sup>th</sup> August,2018 at CSIR-Indian Institute of Chemical Technology Hyderabad(TS).
- 57** Synthetic Strategies-----Anticancer Evaluation in National Seminar on current issues and challenges in chemical research on 18<sup>th</sup> and 19<sup>th</sup> March 2019 UASC, KU, Warangal

- 58 Present at a paper in National Seminar on Advances in Chemical Research (ACR-19) 29<sup>th</sup> & 30<sup>th</sup> March 2019 Department of Chemistry Warangal
  
- 59 Participated in International Conference Advances in Chemical Sciences and Technologies (ACST-2019) on 23<sup>rd</sup> -25<sup>th</sup> Sept, 2019 at Department of Chemistry, NIT Warangal
  
- 60 Oral Presentation in National Seminar on Nature Inspired Initiatives in Chemical Sciences (NIICS-2019) on 4<sup>th</sup> – 5<sup>th</sup> Nov 2019 at Dept. of Chemistry South Campus Bhiknur Telangana University
  
- 61 Participated in National Conference on Recent Trends in Pharmaceutical Sciences And Research (RTPSR-2019) held on 23<sup>rd</sup> – 24<sup>th</sup> Nov 2019 at Vaagdevi College of Pharmacy Warangal
  
- 62 International webinar on heterogeneous catalysis rudiments & industrial relevance organized by dept. chemistry university college & science, Osmania university Hyderabad Telangana
  
- 63 Webinar on REAXYS (R) innovative data analysis tool by basic science research center, KLE college & pharmacy, on 14<sup>th</sup> July 2020
  
64. Participated in international conference on advanced material behavior & characterizations ICAMBC- 2020 Organized By Research Academy Chennai during 18-23 July 2020
  
- 65 International webinar on role of chemistry in discovery & drug and vaccine for covid -19 organized by Dept. of chemistry university & college & science satavahana university Karimnagar on 16<sup>th</sup> August 2020
  
- 66 International; Webinar On “Advanced Functional Materials” Organized by Dept. of chemistry & physics, Nizam college Osmania university ,Hyderabad during 18<sup>th</sup> - 21<sup>th</sup> August 2020
  
- 67 Three day online international conference on “conventional and distal methods in chemical Education” organized by Dept. of chemistry NIT, Warangal during 29<sup>th</sup> To 31<sup>st</sup> July 2021
  
- 68 Participated as Delegates in National Conference on Recent Advances in Pharmaceutical Sciences (RAPS-2020) 30<sup>th</sup> Jan 2020 at University college of pharmaceutical sciences KU, Warangal

- 69 Role of Women in Science and Technology in National Seminar on Science and Technology for Sustainable Development with Women Empowerment (STSD-2020) on 25<sup>th</sup> – 27<sup>th</sup> Feb,2020 at Satavahana University,Karimnagar an ISCA,Hyd
- 70 Differential Targetting of EPGR with Lawsone hybrid molecules  
Vijaykumar Allam,a Suman Jeedi,a Srinivas Nerella,\*a ,b and Brahmeshwari Gavaji \*a  
[INTERNATIONAL CONFERENCE ON CHEMISTRY AND ALLIED SCIENCES, AUGUST,25-27, 2022, HANUMAKONDA, WARANGAL, T.S. INDIA]  
Department of Chemistry, Pingle Governemnt College for Women (Autonomous), Hanumakonda, India Page 53
- 71 **Exploring quinone natural products for pharmacological applications**  
Vijaykumar Allam,<sup>1</sup> Srinivas Nerella,<sup>\*1,2</sup> Brahmeshwari Gavaji<sup>\*1</sup>  
<sup>1</sup>Department of Chemistry, Kakatiya University, Warangal, India  
INNOVATIONS CHEMICAL RESEARCH ICR-2022 ISBN: 978-81-952481-0-0
- 72 **Synthesis of (Z)-2-argio-3-(2-hydroxy-4-oxoquinolin-3(4H)-ylidene)-3,5-dihydro-2H imidazo[1,2-b]indazol-1-ium hydroxide**  
**Prof. G. Brahmeshwari <sup>a\*</sup>, B. Kishore <sup>a</sup>, G. Prasoon <sup>b</sup>**  
ICRACACE-22;13-15, DECEMBER 2022 2nd INTERNATIONAL CONGRESS ON RECENT ADVANCES IN CHEMISTRY AND CHEMICAL ENGINEERING
- 73 **A facile synthesis of 2-(1H-benzo[d]imidazol-2-yl)-2H-indazole through reductive cyclization**  
**G. Brahmeshwari <sup>\*a</sup>, B. Kishore<sup>a</sup>, G.Prasoon <sup>a,b</sup> & A. Vijay Kumar <sup>a</sup>**  
<sup>a</sup>. Department of Chemistry, Kakatiya University, Warangal- (T.S) India RECENT ADVANCES IN IN ORGANIC AND ORGANOMETALIC CHEMISTRY 24-02-2023

### Participation in National Symposia and workshop

1. Training Programme to UG – PG college teachers affiliated colleges of KU 02-01-2007 to 06-01-2007, K.U. Warangal.
2. Capacity Building of Women Managers in Higher Education from 28-10-2009 to 01-11-2009. 3. Workshop Conducted to PG teachers of Colleges in Adilabad and Warangal, by Department of Chemistry, K.U. & Vaagdevi Degree PG College, Warangal, 9th & 10th October, 2009.
4. Training Programme to Under Graduate College teachers of affiliated colleges in Chemistry, Dept. of Chemistry, K.U. Warangal, Sept. 2009, worked as a Coordinator.
5. Training Programme TO PG Teachers of Affiliated Colleges, 25 April to 1 May 2012 at KU Warangal.



6. Spectral interpretation of Organic compounds- National level Work shop on 14th December 2013.
7. National Work shop on Recent Advances in Synthesis and Medicinal Applications of Heterocyclic compounds by TEQIP ,8-10 Nov, 2013 NIT Warangal.
8. National Workshop on Recent Trends in Drug Design, 8-10 May 2013, JNTU, HYD.
9. Teacher Empowerment IT champion ( NME-ICT) 1-10 April,2014.
10. Challenges in catalysis science and technology CCST-2016 from 23rd to 25th June 2016.
11. Synthesis and Biological Evaluation of Benzamidazole Dihydropyrimidin-2-one Hybrids as Anti Tumour Agents. Innovations in Pharmaceutical Technologies and Workshops on GCP/GMP Compliance on Jan 24<sup>th</sup> to 25<sup>th</sup> 2017 organized by NIPER, Hyd.
12. One Day International Symposium on Recent Trends in Chemical Biology held at University College of Science, Osmania University, Hyd.
13. National Workshop on Molecular Docking Studies in Drug Discovery ; organized by Department of Zoology ,KU, Warangal from 29<sup>th</sup> – 31<sup>st</sup> May 2019

#### FDP/Workshops/Training with Title/Place/Period

- 1) One Week Faculty **Development** Program On Emerging Trends In Sciences Usage Of Research Tools And Techniques Organized By Vardhaman College Of Engineering, Hyderabad From 15<sup>th</sup> - 20<sup>th</sup> June 2020
- 2) Current Advances In Science For Engineering And Medical Applications An Inter Disciplinary Approach (CASE MA -2020) Organized By Dept. Of Physical Sciences , Kakatiya Institute of Technology of Science Warangal , From 3<sup>rd</sup> To 7<sup>th</sup> July 2020
- 3) National Level Online One Week Short Term Course On Green Audit Organized By of Environmental Science, Osmania university and Environment protection Training And Research Institute -(EPTRI), Hyderabad From 9<sup>th</sup> to-14<sup>th</sup> Aug 2020

Workshop :- Online National Workshop On “Spectral Analysis of Organic Molecule” Organized By NIPER From 16<sup>th</sup> To 17<sup>th</sup> July 2020

#### Extension Lectures with Title/Place/Period

- 1) **A Talk** On topic Retro synthesis Dis connective approach in the seminar “Emerging Trends In Chemical of Material Science Research (ETCMSR-2022) Held On 25 & 26<sup>th</sup> 2022” "Organized By Dept. of Chemistry SR&BGNR Govt -Arts & Science College( Autonomous) Khammam Telangana
- 2) Acted as Resource Person and delivered a lecture On Topic synthetic methodology in the National Webinar “Importance of Stereo Chemistry And Retro Synthesis” In Chemical Science Research organized by department of chemistry, SSR Government College ( A' ) Karimnagar On 17<sup>th</sup> May 2022
- 3) Acted as Resource Person and delivered a lecture on topic acids & bases in Three Week Industrial Training Programme For Chemistry Faculty of Government Polytechnic In Telangana State From

**Books Published**

**03**

- |  |              |      |
|--|--------------|------|
| 1. Biological Activity of Quinones                       | Eshwar       | 2016 |
| 2. Book for NET coaching SC/ST/OBC and minority students | Publications |      |
| 3. Laboratory manual for carbon compounds                |              |      |

**Personnel Profile:**

Nationality	: Indian
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I hereby declare that the information and facts furnished here are true to the best of my knowledge

**(Dr. BrahmeshwariGavaji)**