

BIO – DATA



Name : **Dr. G. BRAHMESHWARI**
Father's Name : G. Ramdas
Husband's Name : G. Veeraswamy
Date of Birth : 29-08-1964
Caste : SC – Mala
Address :
Residence : H.No.25-5-61, New Somidi,
Kazipet, Warangal – 506 003
Office : Department of Chemistry, Kakatiya University, Warangal
Qualifications:

Exam Passed	Board / University	Month & Year of Passing	Percentage of Marks
1) B.Sc. (B.Z.C.)	Kakatiya University	April, 1984	79.8%
2) M.Sc. (Organic)	Kakatiya University	February, 1987	58%
3) M.Sc(Psychology)	Kakatiya University	2012	65%
3) Ph.D(chemistry)	Kakatiya University	April, 1995	

Date of Award of Ph.D. : 20-04-1995
Title of Thesis : Synthesis of Some New Type of Hetero Cyclic Systems from Quinones
Designation of Present : Associate Professor
Details of Past Service : 1) Worked as a Govt. Junior Lecturer in Various Govt. Junior Colleges from 07-01-1991 to 22-09-2004 For about 14 years.
2) Worked as a Lecturer in Govt. Degree College, From 23-09-2004 to 31-06-2005.
Total Teaching Experience : **25 Years:** Under Graduate - 12 years
Post Graduate - 13 years

Number of Papers published: 30

International: 24

National: 06

International Papers published: 24

- 1 A Novel Synthesis of some Naphtho [2,3-*d*] thiazole-4, 9-diones from Lawsonsone, *Phosphorus, Sulfur and Silicon*, Vol. 92, 1994, pp.51-56. **G. Brahmeshwari**, V Rajeswar Rao, T Surya Kumari and T V Padmanabha Rao.
- 2 Antifungal Activity of Semisynthetic Derivatives of Embelin (*Embelia ribes*), *Adv. Plant Sci.* 24(11), pp.467-470, 2011.
- 3 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.
- 4 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.
- 5 Anti Bacterial Activity of Naphthothiazoles Derived from Lawsonsone, *Journal of Pharmaceutical and Bimoleculr Sciences* Vol.14 (17), 2012. **Gavaji Brahmeshwari**, Maganti Surekha, Kiran Saini.
- 6 Anti Fungal Activity of Naphthothiazoles derived from Lawsonsone. *African Journal of Biotechnology*, Vol.11(78) P.No 14405-14409, 27 Sep,2012. **G. Brahmeshwari**, M. Surekha and Kiran Saini.
- 7 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.
- 8 Synthesis and antibacterial activity of Substituted1-(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**.
- 9 Synthesis and Antifungal Activity of 3-(4-(4-(1H-BENZO[d]Imidazole 2-YL) Phenylamino)Thiazol-2-YL)-2-Phenyl Thiazolidin-4-One Derivatives *Int.J.Chem.Sci*:12(3),2014,885-893 ISSN 0972-768X. **G. Brahmeshwari**, Kumaraswamy Gullapelli.
- 10 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**.

- 11 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**.
- 12 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, KumaraswamyGullapelli, **G.Brahmeshwari**.
- 13 Synthesis and anti bacterial activity of aryl thiazolidin-4-one /azetidin-2one derivatives from Pyramidio-benzimidazole, *World Journal of Pharmacy and pharmaceutical sciences* September 2014 page no:1041-1050. P.Bhaskar, Kumaraswamy Gullapelli, T.Muralikrishna, **G.Brahmeshwari**.
- 14 Synthesis and antifungal activity of 3-(4-1Hebnzol[D] phenylamino) Thiazolindin -4-one derivativens *Int. J. Chem. Sci.* 2014, 12(3), 1-9. Kumaraswamy Gullapelli, **G.Brahmeshwari**.
- 15 Synthesis and anti microbial activity of 2-(4-aminophenyl benziminazole based pyrimidine derivatives. *Int. J. Pharm. Bio Sci.* 2014, 5(1), 682-690. Kumaraswamy Gullapelli, MuralikrishnaThupurani, **G.Brahmeshwari**.
- 16 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, KumaraswamyGullapelli, **G.Brahmeshwari**.
- 17 Synthesis and antimicrobial activity of 1-(5-isoprpxoy-2-methyl-4- nitrophenyl) substituted Benzimidazole derivatives via Buchwald- hartwig coupling *IOSR Journal of Applied Chemistry; 2016, 9(2)71-75*. P.Bhaskar, Kumaraswamy Gullapelli, K.Jagadeesh Babu and **G.Brahmeshwari**.
- 18 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)* Kumaraswamy Gullapelli, **G.Brahmeshwari**,K.Jagadeesh kumar and P.Bhaskar.
- 19 TBBDA catalyzed one-pot pseudo four-component synthesis of Benzimidazolyl chromeno [2,3-*d*] pyrimidines and their antimicrobial activity. *World journal of pharmacy and pharmaceutical sciences*, volume 6, Issue 12, 687-697, September 2017, ISSN 2278-6357. B. Kishore & **G. Brahmeahwari**.

- 20 Synthesis and antimicrobial activity of Benzimidazole fused 5-alkyl 1,3,5-Triazinone-4-ones/ 1,3,5-oxadiazinone 4-ones derivatives. *Asian J Res Chem*. Vol 10, issue 4, P.no: 213-216.
- 21 Synthesis and antimicrobial screening of novel 4-(1*H*-benzo[*d*]imidazol-2-yl)-8,9-diaryl-1,6-dioxa-4,7,9-triazaspiro[4,5]dec-7-en-3-ones. *Heterocyclic Lett. Vol. 8| No.3| 631-639|May-July|2018 ISSN: (print) 2231–3087 / (online) 2230-9632.* B. Kishore & **G. Brahmeshwari**.
- 22 A Facile synthesis of 1-aryl pyrroles by CLAUSON –KAAS reaction using oxone as a catalyst under microwave irradiation. *Bull ChemSoc. Ethiop*, 2019, 33 (1) 143-148. Kumaraswamy Gullapelli, **G. Brahmeshwari** & M. Ravi chander.
- 23 Synthesis of podophyllotoxin-glycosyl triazoles *via* click protocol mediated by silver (I)-*N*-heterocyclic carbenes and their anticancer evaluation as topoisomerase-II inhibitors. *Natural Product Res.* Srinivas Nerella & **Brahmeshwari Gavaji**. Accepted on 10-04-2019.
- 24 Synthesis and Antioxidant activity of New Thioxo Triazinane 2-One Derivatives. *International Journal of Pharmacy and Biological Sciences-IJPBSTM* (2019) 9 (2): 850-855 Online ISSN: 2230-7605, Print ISSN: 2321-3272. **G. Brahmeshwari**, K. Dhanaja1, Kumaraswamy Gullapelli and T. Muralikrishna.

National papers published: 06

- 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 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.
- 3 Synthesis of 6,7-dihydroxy-3-aryl-5-undecyl-4, a,2-benzoxadiazines, *Indian Journal of Chemistry*. Vol.48B, October 2009, pp.1457-1461. **G. Brahmeshwari**.
- 4 Synthesis of 1*H*-Benzo[*d*] Imidazolo-2-YL-3-ARYL-4-Chlorocyclobutanone-2-YL-Methanones, 1*H*-Benzo[*d*] Imidazolo-2-YL-Dihydro-5-Arythiophen-3(2*H*)-One-2-YL-Methanones, 4-(1*H*-Benzo[*d*] Imidazol-2-YL)-5,6-Dihydro-6-Arylpyrimidine-2(1*H*)-Thiones and 4-(1*H*)-Benzo[*d*] Imidazol-2-YL)-5,6-Dihydro-6-Arylpyrimidine-2(1*H*)-Ones. *Indian Journal of Heterocyclic Chemistry* Vol.23, Oct.-Dec, 2013, pp 207-212. **G. Brahmeshwari** and P Bhasker
- 5 Synthesis and antimicrobial activity of naphtho-[1,2-*e*][1,3]oxazines linked benzimidazole. *Indian Journal Chem*, vol 56 B, 1185-1192, Nov 2017. B. Kishore, G. Prasoon & **G. Brahmeshwari**.
- 6 Synthesis antimicrobial activity of benzimidazolyl oxazolyl thiazolidin-4-ones and azetid-2-ones. *Indian Journal Chem*, vol 57 B, August 2018, P.no: 1042-1050. B.

Number of National & International Seminars: 58

Number of International seminars: 18

Number of National seminars: 40

International seminars: 18

- 1 Presented a poster in International Conference on Trend setting Innovation in Chemical sciences & Technology Applications in Pharma Industry (TSCST-API) from 16th -18th December 2015.
- 2 Presented poster on Pharmacognosy, Phytochemistry & natural products in OMICS international conference on October 26th to 28th 2015.
- 3 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.
- 4 Presented poster in International Conference on Drugs for the future: Infectious Diseases (DFID- 2014) organized by NIPER Hyderabad on 27-28th March 2014.
- 5 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.
- 6 2nd International Conference on Emerging Trends in Chemical and Pharmaceutical Sciences ICE –TCPS-2014.
- 7 International Symposium on Environmental pollution, Nutrition and Genetics. 27-29 Dec 2013 Vikramasimha puri University and UNT Health Science Center.
- 8 1st Annual International Conference (AIC-1) and Industry- ccrs congress , 13-14 July 2013, Sanketika Vidya Parishad Engineering College, Vishakapatnam.
- 9 UK –India Medchem Congress 22-23 March 2013, Csr IICT, HYD.
- 10 International Conference on Biodiversity & Sustainable Energy Development, Sept. 14-15, 2012.
- 11 International Symposium on Chemistry & Chemical Biology of Natural Products, CSIR – IICT, Hyderabad Aug 2-4 ,2012.
- 12 Synthesis of Benzimidazole-Dihydropyridine Hydrids and their Antimicrobial activity. International seminar on Green Chemistry for Sustainable Development: Issues, Challenges and Properties”. 20 & 21 January 2017 at Loyola Acedamy

- Degree & PG college.
- 13 Synthetic strategies using podophyllic acid Hydrazides to afford Diverse Heterocyclics for Anineoplastic studies” poster presented in International conference on Advances in chemical sciences and Technologies (ACST-2019) from 23rd to 25th September-2019.
 - 14 International conference on emerging trends in spectroscopic techniques and their applications (ETSTA-2018) from 3rd to 4th December 2018. Presented a poster on synthesis and Anticancer Evaluation of Heterocyclic amino derivatives of Lawsone.
 - 15 Participated in one day International symposium on Recent Trends in chemical Biology organised by Research Development & Consultancy (RDCC).
 - 16 International conference on SU-Chem 2018. Sustainable chemistry for Health, Environment and material from 6th to 8th August 2018 participated.
 - 17 5th International conference on science & Technology and Management (ICSTM-2017) at the Institution. Of Engineers India Visvesvaryya Bhavan, Hyderabad, T.S. on 3rd December 2017. Published a paper on Synthesis and novel-4-(1*H*-Benzo[*d*]imidazol-2-yl)-2*H*-benzo[*d*][1,4]oxazin-3[4*H*]-one& their Antimicrobial activities.
 - 18 International conference on chemistry for sustainable Future 7th to 9th August 2019. Organized by palamur Univeristy, Mahabubnagar. Presented a paper on “Synthesis & Anti cancer evaluation of some new derivatives of Lawsone”.

National seminars: 40

- 1 Presented a paper on trend setting innovations in chemical sciences and technology Nature inspired chemistry and engineering. in TSCST-NICE 4th to 6th October2016.
- 2 Presented a paper in recent advances in chemical and material sciences in RACMS on 20th &21stAugust 2016.National Syposium
- 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 and22nd 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.
 - 7 National Seminar on Recent Trends in Animal Biotechnology, 27-28 Nov 2014, KU Warangal
 - 8 Presented poster in Drug Discovery & development (NIPER) on November 20 and 21st 2015.
 - 9 Andhra Pradesh Academy of Sciences. Golden Jubilee Science Congress (APAS) 13-15 NOV 2014, IICT HYD.
 - 10 DST Sponsored National Conference on Recent Challenges in Chemical and Biological Sciences, 28-29 July 2014 Vignana University, Guntur.
 - 11 Presented poster in National conference on recent advances in chemical and pharmaceutical sciences (NACRACAPS) 10th and 11th April 2015.
 - 12 Presented paper in National conference on recent advances in chemistry (RAC-2015) on 30th and 31st March 2015
 - 13 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.
 - 14 Presented poster in National Seminar on Emerging trends & Challenges in Chemical Research (NCFRC-2013) organized by Mahatma Gandhi University on 14th Feb- 2015.
 - 15 A one day Seminar on X-ray Diffraction; Key to Crystallographic Studies, 15th March 2014 at Osmania University College for Women, Koti HYD.
 - 16 National Conference on Frontiers of Chemical Research-2013, 23-26 October, JNTU HYD.
 - 17 21st National Symposium on Catalysis for Sustainable Development, 11-12 Feb 2013 CSTR IICT, HYD.
 - 18 7th RSC-CRSI Symposium in Chemistry Jan 31 to 4th Feb 2013, BHU Varanasi.
 - 19 15th CRSI National Symposium on Chemistry Feb 1 to 3rd, 2013 BHU Varanasi.
 - 20 National Conference on Advances in Material Science and Technologies. 19th to 21st NOV 2012.
 - 21 National Conference on Emerging Trends in Chemical Research NCETCR 2012 – Gitam University, Visakhapatnam, 7th & 8th Sep. 2012.
 - 22 National Conference on Interface Between Chemical Sciences and Technologies 29th and 30th Dec, 2011
 - 23 Visual Aids in Teaching Chemistry, Sponsored by UGC at Railway Degree College, Secunderabad. Sept 2011.
 - 24 New Trends in Pollution Abatement, Seminar Sponsored by APPCB Zonal Office, Hyderabad-2010.

- 25 Chemistry for Human well being – sponsored by UGC Worked as a Coordinator - 2010 .
- 26 Green Chemistry –An Innovation to Sustainable Development 29th to 30th March,2010 KU, Warangal.
- 27 Recent Advances in Chemical Research (NCRACR – 2009) Dept. of Chemistry, Osmania University, Hyderabad. 6.
- 28 Environmentally Benign Synthetic Methodologies in Chemistry (EBSMC) – 2009 Dept. of Chemistry, UASC, Kakatiya University, Warangal.
- 29 New Vistas in Chemistry During 21st century Pingle Govt. College, (P.G. for Women), Waddepally .
- 30 New Vistas in Chemistry During 21st century Pingle Govt. College, (P.G. for Women), Waddepally
- 31 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.
- 32 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.
- 33 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.
- 34 Synthesis and Anticancer evaluation of D-rind modified acid hydrazide derivatives of podophyllotoxin as Tubulin inhibiting agents. Poster presented in Telangana state Science Congress (TSSC-2018) 22nd to 24th December 2018
- 35 A TEQIP-III sponsored National conference on “Emerging Trends in Instrumental methods of chemical Analysis (ETIMCA-2019) 30-31st January 2019. At Department of chemistry, NIT, Warangal, Telangana.
- 36 Two day National seminar on Current Issues and Challenges in Chemical Research 9 (ICCR-2019) Presented a paper on “Synthetic strategies to afford small hybrid molecules from natural products containing 1,4-Naphthoquinones for the Anticancer evaluation. 18th & 19th March 2019.
- 37 Two day national seminar on Advances in chemical research (ACR-2019) on 29th to 30th march 2019 at Department of chemistry, Kakatiya University, Warangal, Telangana. Presented a paper on “Synthesis and evaluation of *in vitro* Anti-inflammatory activity new Thiazolo -Triazine dithione derivatives.

- 38 National conference on Recent Trends in pharmaceutical sciences and Research (RTPSR-2019) from 23rd to 24th November 2019. Presented a poster on “A Facile synthesis, Antimicrobial activity of 1-(1*H*-Benzo[*d*]imidazole-2-yl) 6,7-dihydro-7-methyl-thiazolo[5,4-*d*]pyrimidine 2,5 (1*H*,4*H*)-Dithione,
- 39 National seminar on nature inspired Initiatives in chemical sciences (NIICS-2019) on 4th to 5th November-2019. Participated in conference from 4th to 5th November-2019.
- 40 UGC sponsored two day national seminar on Recent challenges in chemical research from 6th to 7th april 2018. Present a paper on “Synthesis and Biological Evaluation of Benzimidazole –dihydro pyridine-2-one hybrids as Tubulin inhibiting agents.

Workshops Attended: 12

- 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 National workshop on “Molecular Docking studies in Drug Discovery at Dept. of Zoology, Kakatiya University, Warangal from 29th to 31st march 2019.
- 12 Two days National workshop on Molecular modelling application in chemistry

(MMAC-2018) from 28th to 29th September 2019 at Dept. of chemistry, CKM Arts & Science College, Warangal, Telangana.

CONVENER / MEMBER: 1. Convener for Ph..D. admissions belongs to BC SC ST minority and PHC in 2016

2. Member for Board of studies in chemistry for P.G courses in 2016-2017

3. Administrative committee Member in Lab attenders selection interview, review SC ST backlog vacancies in non-teaching cadres, exam in the issue to dispended casual labours to re-engaged in 2016.

4. Member in committee for inspection of SDLCE in 2013. 7

5. DC convener from 2012 to 2013.

6. DC member in years 2009, 2011-2012.

7. Associate Fellow in Telangana Academy Of Sciences in 2015.

8. Member in anti-ragging committee in 2009 and 2016.

9. Member in standing committee for SC ST's programmes.

10. Member in Program committee for the SDLCE.

ADMINISTRATIVE POSITIONS: 1. Joint director for Padmakshi Womens hostel KU in 2007-2009

2. In charge for department of chemistry UASC KU in 2010-2011

3. Deputy director for Science courses SDLCE KU 2011-2013

4. SC/ST cell director in 2016 to till date

5. Joint secretary for AKUT from 2010-2012.

6. Vice-President to KUWTA in 2015-2017.

7. Working as a DC convener from 2017 to till date.

8. Chairperson for Board of Studies Chemistry from 2018 to 2020.

Refresher Course Attended: 03

Research Guidance

1. Number of Ph.D. awarded : 06

- i. **G. Kumaraswamy**
- ii. **P. Bhasker**
- iii. **B. Suresh**
- iv. **B. Srinivas**
- v. **B. Kishore**
- vi. **N. Srinivas**

2. Students presently working for Ph. D. : 04

Achievements & Awards

1. Registered supervisor: **08**
2. Number scholars awarded : **06**

Minor Research Project: Completed in 2011 By UGC, SERO, Hyderabad (Ref: MRP-2706 (MRP/UGC SERO) **(completed)**)

DST SERB project was ongoing in 2019 File No: EE2/2018/ 000093

3. Associate fellow of Telangana academy of sciences Awards
4. Deenasharanya award 2003
5. Address for correspondence: Assistant Professor Department of Chemistry
KakatiyaUniversity,Warangal e-mail: gbrahmeshwari@gmail.com

