Detailed CV

Name : **Dr. Balakrishna Kalluraya, Ph.D ,FRSC(London)**.
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Contact: +91-9448824075, 7349406965, 08255-234564

PERSONAL DETAILS

Nationality : Indian
Sex : Male
D.O.B : 15 August 1959
Currently working Institution : Mangalore University

EDUCATIONAL QUALIFICATIONS

Graduation and above	Subject	Class	Year	University
B.Sc.	PCM	I	1980	Mysore
M.Sc	Organic Chemistry	I	1982	Mysore
Ph.D.	Organic Chemistry	-	1988	Mangalore

Subject taught with Specializations : Chemistry (Organic & Spectroscopy)

POSITIONS HELD

Position	From	To	Institution
Lecturer	1988	1993	Mangalore University
Senior Lecturer	1993	1998	Mangalore University
Reader	1998	2006	Mangalore University
Professor	2006	Till date	Mangalore University

RESEARCH AREA

- Synthetic and Medicinal Chemistry.
- 1, 3-Dipolar Addition Reactions, Green techniques, Discovery of new Reagents, Biological Activity, Drug design.

PUBLICATIONS

- National and International Journals: 365

- Conference presentation: 200

Books/Chapters	Publication	Year, level
Laboratory manual for II semester M.Sc. Qualitative analysis	Hand Book	

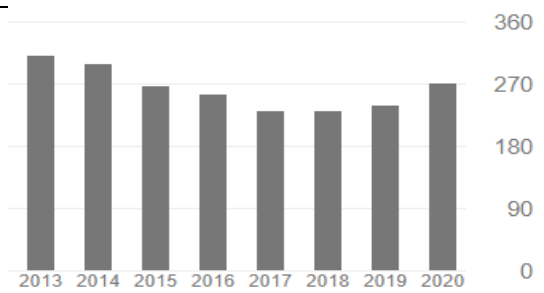
RESEARCH ACTIVITIES

- My group is one among the three groups working on **Mesoionic compounds** in entire Nation
- We have developed some simpler methods for the nitration of furfural which is unique in nature
- Some of our compounds have shown interesting pharmacological activity particularly the sydnone compounds as promising anti-inflammatory agents
- Development of Green Technique for the synthesis of novel biologically active Heterocycles.
- We are also developing new reagents for organic synthesis
- Our work is well received in the International Chemical Sciences and many of the papers are cited frequently by many researchers.

CITATION INDICES

	All	Since 2015
Citations	3763	1496
h-index	31	22
i10-index	84	37

CITATIONS TO ARTICLES



M.Phil's GUIDED : 6

1. Mr.Suresh.N.Shetty 1991.
2. Smt.Vasantha Kumari 1993.
3. Smt.Jancy K.John 1995.
4. Mr.Suresh K.J 1996.
5. Mr.Ramesh M.Chimbalkar 1996.
6. Mr.Vinayaka A.C 2010.

Ph. D's Guided : 33` + 3 submitted + 6 working

Name	Title of Thesis	Year	University
1. Alphonsus D'souza	Some contributions to the chemistry of nitrogen and sulphur containing Heterocycles	1994	Mangalore University
2. Srinivas S	Studies on synthetic products of pharmaceutical importance.	1997	Mangalore University
3. Suresh N Shetty	Studies on the synthesis and biological activity of some furan and thiophene derivatives	1998	Mangalore University
4. Vishwanath P	Studies on the synthesis of biologically active nitrogen, oxygen and sulphur containing heterocycles.	1999	Mangalore University
5. Prashanth Gunaga	Studies on synthesis, biological and analytical applications of some nitrogen and sulphur containing 1, 2,4-triazole derivatives.	2001	Mangalore University
6. Arun M Isloor	Studies on the synthesis and biological activity of some pharmaceutically important heterocyclic compounds.	2002	Mangalore University
7. Abdul Rahiman M	Studies on synthesis, characterization, biological and pharmacological activities of some Sydnone derivatives.	2002	Mangalore University
8. Ramesh M Chimbalkar	Studies on the synthesis, biological and analytical applications of some nitrogen heterocycles.	2003	Mangalore University
9. Ganesha Rai B	Studies on synthetic heterocycles of biological interest.	2004	Mangalore University

10. Gururaja R	Synthesis and biological studies of some nitrogen containing Heterocycles.	2005	Mangalore University
11. Jyothi C Hegde	Some contributions to the chemistry of mesoionic compounds.	2006	Mangalore University
12. Priya V Frank	Synthetic and biological studies on some bridgehead nitrogen Heterocycles.	2006	Mangalore University
13. Janardhana Nayak	Synthetic and biological studies of N-bridged heterocycles derived from 1,2,4-triazoles.	2007	Mangalore University
14. Satheesha Rai N	Some contribution to the chemistry of nitrogen heterocycles.	2007	Mangalore University
15. Lingappa B	Designing, synthesis and pharmacological activities of some pyrimidine derivatives.	2007	Mangalore University
16. Jyothi N Rao	Synthetic studies on some nitrogen and oxygen containing heterocycles.	2010	Mangalore University
17. Babu M	Synthetic and biological studies on nitrogen, sulphur and oxygen containing heterocycles	2010	Mangalore University
18. Sujith K. V.	Synthetic, spectral and pharmacological studies of some nitrogen and oxygen heterocycles.	2010	Mangalore University
19. Adithya Adhikari	Synthetic studies on pharmacologically important nitrogen and oxygen heterocycles	2011	Mangalore University
20. Girisha K. S.	Synthesis of biologically potential some novel heterocyclic compounds and development of some new synthetic methodologies.	2011	Mangalore University

21. Ramaprasad G. C.	Studies on synthesis and biological activities of some novel heterocyclic compounds.	2013	Mangalore University
22.Shyama Prasad T.S	Ultrasonic and conductometric behaviour of some species of some aminoacids in condensed phase.	2013	Mangalore University
23.Nithinchandra	Synthetic, structural and biological studies of some mesoinic and nitrogen heterocycles.	2013	Mangalore University
24.Sahana Mallya	Cycloaddition approaches for the synthesis of some novel heterocycles.	Jan 2015	Mangalore University
25. Shobhitha Shetty	Synthetic, Structural and Biological studies of Pyrazole containing Heterocycles.	June2015	Mangalore University
26.Sushma	Studies on synthetic and biological evaluation of some novel heterocyclic compounds.	Feb 2016	Mangalore University
27.Shyma P. C.	Synthesis, Structural Elucidation and biological activity of some Heterocycles.	May 2016	Mangalore University
28.Vidyashree Jois	Synthetic studies on some Biologically active Heterocycles bearing Nitrogen and Sulphur.	July 2016	Mangalore University
29. Ashoka	Studies on synthesis and Biological Activities of Some Novel Pyrimidine derivatives.	Submitted	Mangalore University
30. Vishwanath T.	Synthesis of some novel thiasydnones and their biological activities.	August 2019	Mangalore University
31. Anish kumar K	Synthesis and Pharmacological Studies of some Bioactive Heterocycles.	Registered	Mangalore University

		12-01-2015	
32. Asma	Synthesis of some novel five membered heterocyclic compounds and their biological activity.	March 2019	Mangalore University
33. Nkurunziza Jean Baptiste	Synthesis of some novel Heterocyclic compounds and Their Biological activities.	January 2019	Mangalore University
34. Manju N	Synthetic Studies on Some novel Nitrogen containing Heterocycles of Biological Interest.	July 2019	Mangalore University
35. Mrs.Aparna K	Synthesis of some Novel N, S-containing Heterocycles and their Biological activities.	8-02-2016	Mangalore University
36 Mr.Kaushik B.R	Studies on some Synthetic Heterocycles and Natural products of Biological interest	29-03-2016	Mangalore University
37.Mr.Desta Gebretekle	Synthesis, Characterization and antimicrobial Evaluation of some novel 1,4-thiazolidinone containing Heterocycles.	Registered	Mangalore University
38.Ms.Nagma Bhanu H	Synthesis of Some Novel Heterocyclic Compounds Via Dipolar cycloaddition Reaction	Registered	Mangalore University
39.Ms.Tharangini K.S	Under going Course work	(Registered)	Mangalore University
40.Sharath C.L	Under going course work	(Registered)	Mangalore University
41.Venu Prasad K.D	Under going course work	(Registered)	Mangalore University
42.Deepa Basrur	An Investigation on the Adsorption Characteristics of Plant originated Carbon on Various Dyes	Submitted the Thesis	Mangaqlore University

AWARDS AND ACHIEVEMENTS

- **Best Rewiewer Certificate from Journal of Heterocyclic Chemistry(Elsevier),July 2019**
- **SHATAMANOTSAVA PURASKARA by His Holiness Sri.Sri.Vishweshathertha Swamiji of Pejawar Mutt on 16th of February 2019**
- **Elected as Fellow of the Royal Society of Chemistry(London)(FRSC) with CChem in March 2018**
- **DISTINGUISHED PROFESSOR Award by ARUNAI-International on 25th November 2017**
- **One Time UGC BSR award of Rs.7 Lakh during 2011 from University Grants Commission, New Delhi for guiding 15 Students for their PhD degree,during 2011**
- **Mangalore University Best Teacher Award-2014-15 on 5th September 2015(Citation and Cash award of Rs.25000=00).**
- **E J M C outstanding contribution in reviewing award conferred on March 2015.**
- **Best Rewiewer Certificate from Journal Heterocyclic Chemistry(Elesvier),July 2019**
- **Prof.S.P.Hiremath Award by the Indian council of Chemists for the year 2015 conferred on 26th of December 2015 at the 34th Annual conference of ICC held at UKA Tarsadia University 'Bardoli' Surath. (Citation & Cash award, Rs.15000/).**
- **Best poster award – National Conference on Emerging Materials, Synthesis and Applications – August 2009, Kannur University**.
- **Best oral presentation in the Kannada Vijnana Sammelana held at Agricultural University, Dharwad during 2012 on the topic SYDNONES.**
- **Sectional President of the 35th Indian Council of Chemists held at Haribhai V.Desai College, Pune During 22-24th December 2016.**
- **Sectional President of the 28th Indian council of Chemists held at Gurukul Kangri University, Haridwar, during December 2008.**
- **'Navathi Utsava Award' conferred by His Holiness Sri Sri Sri Vishweshateertha Swamiji of Sri Pejavar Mutt on 14 December 2009.**

MEMBERSHIP & FELLOWSHIP OF PROFESSIONAL BODIES

- Executive committee member of the Indian Council of Chemists.
- Served as Executive committee member, Joint secretary, Vice-president of Mangalore University Teachers Association.
- Convener of Chemical Research Society of India, Local Chapter for Surathkal and Mangalore.

- Member of the Chemistry Teachers Association, Mumbai.

ABROAD VISITS

- Visited Malaysia and Singapore to attend and to present papers in International conferences during 2012.
- Visited Dubai-Abudabi to attend International conference and to deliver invited talk during, June 2014.
- Visited Tashkent to give an invited talk in the International conference during 15th June 2015 on the Topic "**Dipolar Addition a novel route in the synthesis of bioactive molecules.**
- Visited Bali, Indonesia during June 2017 and gave a plenary lecture in the 5th International conference of Indian Council of Chemists.
- Visited and presented paper in the 6th International Conference of Indian council of Chemistr held at Paris during 6-8 June 2019.and Visited France, Belgium, Germany, Switzerland, Netherland, Viena and Rome.

SCHOLARSHIPS/FELLOWSHIPS

- Completed the GATE Exams in 1983
- Mangalore University research Fellowship during 1983-1988.
- Visiting fellow at JNCASR Bangalore during 1997.

ACHIEVEMENTS AND ACTIVITIES

1) **Sectional President** of the 27th Indian Council of Chemists held at Gurukul Kangri University, Haridwar (2008).
2) **Best poster award** – National Conference on Emerging Materials, Synthesis and Applications – August 2009, Kannur University.
3) **Best oral presentation** in the Kannada Vijnana Sammelana held at Agricultural University, Dharwad during 2012 on the topic **SYDNONES.**
4) **Sectional President of the 35th Indian Council of Chemists held at Haribhai V.Desai College, Pune During 22-24th December 2016.**
5) Delivered an Invited lecture on the Topic **Non Benzenoid Aromatic compounds**in the 27th conference of Indian Council of Chemists held at Gurukul Kangri University, Haridwar during 26-28th December 2008.
6) Gave an Invited lecture in the National seminar on Recent Trends in Chemistry 2008, held at Govt. College Kasaragod, Kerala during 6-7th November 2008.

7) Delivered an Invited Talk on the topic "**Green Chemistry**" in the two day National Conference held at Milagris College, Kalyanapur during 17th July 2008.

8) Gave a Special Lecture on "**Meso-Ionic Heterocycles**" in the two days National Seminar at NITK Surathkal on 18th February 2009.

9) Delivered an Invited Lecture on "**Disconnection Approach in OrganicSynthesis**" in the State Level Seminar organized by Medicinal Chemistry Department, S.D.M. College Ujire, on 8th March 2009.

10) Delivered an invited talk on "**Retro Synthetic Analysis**" in the two day state level seminar held at Boomi Reddy College, Bidar during 28-29 March 2009.

11) Gave a special lecture on "**Research Methodology**" at NGSM, Pharma College, Deralakatte On 8th April 2009.

12) Gave an invited talk in the Three day National conference on "Emerging Trends in Chemical Sciences" held at Payyanur College, Payyanur during 22-24, October, 2009 on the topic "**Disconnection Approach in organicSynthesis**".

13) Gave an invited Talk in the one day National Seminar on "Recent Advances in Pharmaceutical Research" held at S.G.S.College of Pharmacy, Harapanahalli on12th October 2010 on the topic "**Disconnection Approach in Drug Designing".**

14) Gave an Talk on "**Chemistry of Drugs**" at Bhandarkars College, Kundapur on 16th October 2010, in the Students Club.

15) Gave an invited talk in the one day National symposium on "Spectral techniques" held at Dayananda Sagar College of Pharmacy at Bangalore on 8th September 2011 on the topic "**Mass spectroscopy in Structuralelucidation of Drug Molecules**.

16) Gave an invited Talk in the "INTERNATIONAL Symposium on Challenges in Drug Discovery Programme-2011" held at KSOU during 16-17, February 2011 on the Topic "**An Unusual aromatics as possible bio-active Agents'**.

17) Gave a Talk on "**Problems and Solutions in Higher Education**" in the one day meeting "RASACHETANA" held at St.Agnes College, Mangalore on 2nd September 2011.

18) Gave an invited Talk in the One day National Seminar on "Green and Sustainable Chemistry" (NCGSC-2012) held at Tumkur University on 25th February 2012 on the Topic "**Green Techniques in Organic Synthesis".**

19) Gave an invited talk in the International Conference on Biologically active Molecules (ICBAM-2012) held at Gandhi gram Rural Institute, Deemed University, Dindigul, Tamilnadu during 8-10,March, 2012 on the Topic "**Mesoionic Compounds as Possible Bioactive Molecules".**

20) Gave two lectures on i) **Mass spectroscopy** ii) **Retro analysis in organicsynthesis**" in the Refresher Course held at Christ college, Bangalore on 28-03-2012.

21) Gave an invited Talk in the One day symposium on "Recent Trends in Pharmaceutical Sciences" held at S.D.M .College Ujire on the topic **GreenTechniques in Organic Chemistry** on 24th December2012.

22) Gave an invited Talk in the National Symposium on "Recent advances in chemical biology-an overview" at Govt. science college Hassan on the Topic "Meso**-ionic compounds as possible bioactive agents"** during 15-16 March 2013.

23) Gave an invited Talk in the One day National seminar at Payyanur College on the Topic "**Green Techniques in Chemistry**" during March 2013.

24) Gave an invited Talk in the Two day National seminar on Recent Progresses In Chemistry (RPC 2013) at Govt College, Kasaragod on the Topic "**Green Techniques in Organic Synthesis**" on 8th October 2013.

25) Gave an invited Talk in the Two day UGC sponsored National seminar on "Recent trends in Chemical Biology: An Overview(RTCB-2013) on the topic **Regioselective synthesis of novel spiropyrrolidine library through multicomponent, one-pot 1,3-dipolar cycloaddition reaction of Azomethine ylides to chalcones at Teresian college Mysore during 25-26 October 2013.**

26) Gave an invited Lecture in the 26th ICC conference held at Karnataka University,Dharwad during 26-29th November 2013 on the topic **Regioselective synthesis of novel spiropyrrolidine library through multicomponent, one-pot 1,3-dipolar cycloaddition reaction.**

27) Gave a General talk at St.Philomena College Puttur under the auspicious of Science Forum on the topic "**Green Techniques in Chemical reactions**" on 23rd January 2014.

28) Gave an invited Talk in the Two day National symposium on "Recent Advances in Chemical Sciences" at Alvas College Moodabidri on the topic "Green **Techniques in Organic Synthesis**" on Saturday the 8th of March 2014.

29) Gave an invited Talk in the Third International conference of Indian Council of Chemists held at Dubai during 11-14 June 2014 on the topic entitled "**Pyrazole derivatives as possible Bio active agents**".

30) Gave a Keynote address in the two days National conference on "Modern Trends in Chemical Research and Their Applications" held at N.M.A.M.Institute of Technology, Nitte during 10th July 2014.

31) Gave an invited talk in the Two days Lecture work Shop organized at Kumadavathi First Grade College Shikaripura in Collaborations with Indian Academy of Sciences, Bangalore,

Indian National Academy, New-Delhi and National Academy of Sciences India, Allahabad during 2-3rd August 2014.

32) Gave a valedictorian address on the "One-day UGC sponsored State Level Seminar on Chemistry of Nanomaterials and applications" held at Sri Venkataramana Swamy College Vidyagiri, Bantwal on 23rd August 2014.

33) Gave an invited Talk in the Two day National Conference on Recent Advances in Bio Organic Chemistry held at sharada Villas College, Mysore during 18-19th September 2014 on the topic **Green Techniques in Chemistry.**

34) Chaired one Session in the 4th National Pre-Conference workshop of SOBSICON 2014 held at Mangalore University, Mangalagangothri on 17th November 2014.

35) Gave the key Note address in the one day State level conference on "**Emerging Trends in Medicinal chemistry**" held at St.Philomena college Mysore on 10th March 2015.

36) Gave an invited talk in the Two day National conference on "**Drug discovery from Bio-organic chemicals & Indigenous system of medicine for the betterment of Health"** at Sharada Vilas college of Pharmacy on 31st July2015.

37) Gave an invited Talk in the Two day National conference on "Chemistry and Life" held at Sri Pornaprajna College Udupi on 7th of August 2015 on the topic "**Dipolar Additions & its applicability in the synthesis of Bio active compounds".**

38) Gave an invited Talk in the One day Seminar on "Role of CADD in drug design & development" held NGSM Institute of Pharmaceutical Sciences, Paneer, Deralakatte, on 26th November 2015 on the Topic "Role **of IR Spectroscopy in drug design".**

39) Gave an invited Talk in the 39th Indian Social Science Congress held at Mangalore University on the Topic "**Prospectus and Problems in BasicScience Education**" and also the Sectional chairman of the Physical and Chemical Sciences held during 1-12-2015 to 5-12-2015.

40) Gave S.P.Hiremath Award Lecture in the 34th National conference of ICC held at UKA-Tarsadia University, Bardoli, Surath on 26th of December 2015 on the Topic "Mesoionic **Compounds as Synthons in the synthesis of Bioactive Molecules".**

41) Gave Key note address in the National Conference on Emerging Research trends in Chemistry (NCERTC-2016) held at P.G.Department of Chemistry, Payyanur College during 6-8th January,2016 on the Topic "**A Review on IR and Mass Spectroscopy"**

42) Delivered sectional president address in the 35th National Conference of ICC held at Haribhai V.Desai College, Pune during 22-24th of December 2016 on the topic '**Synthesis of Hyritocarboline an Marine Alkaloid**".

43) Gave a Plenary Lecture in the 5th International Conference on Current Concepts in Chemistry organized by the ICC at Swiss-Belhotel Rainforest Hotel, Bali, Indonesia during 7-9June 2017on the topic **" A Green protocol for the development of novel Heterocycles**".

44) Delivered an Invited Talk at Centre for Soft Matter Research at Bangalore on 21st July 2017 on the topic "**Dipolar addition reactions: A novel route for the synthesis of bio active Heterocycles**".

45) Gave Two Talks in the UGC sponsored Refresher Course held at University of Mysuru on 10th February 2018 on i) **Methods of Identifying Reaction Mechanism** ii) **Mass Spectroscopy**

46) **Delivered an Invited Talk on the Topic "Drug Discovery and Design"** in the Two day National conference on Lab to Clinic: Approaches and Challenges in drug discovery,Design and Delivery ,Organized jointly by Department of Biosciences,Mangalore University and RSC(Deccan Chapter) during 23-24 February 2018 at Mangalagangothi.

47) Gave an invited Talk on the Topic**"Sydnones as Synthons in the Preparation of NovelBioactive molecules**" in the one day National Conference on Emerging Trends in Chemistry held at K.S.Rangaswamy college of Arts and Science (Autonomous),Tiruchengonde,Namakkal District(T.N) on 9th March 2018.

48) Gave an invited Talk on the Topic "**Dipolar addition reaction-A Facile route in the synthesisof novel bioactive molecules"**in the two day National Cönference on Advanced Materials for Health, Energy and Enviornment(AMHEE-2018) held at Department of Chemistry,JSS University of Science and Technology,Mysuru during 23 &24th of March 2018 and also the **Chief Guest for the Valedictory Function**.

49) Gave an Invited Lecture on the Topic "**Review of Literature and Writing Research Proposals**" in the Two day Natioal Seminar on "Research Methodology and Biostatistics" held on 12th & 13th October 2018 at Srinivas College of Pharmacy ,Valachil,Mangalore and also the Chief Guest for the Innagural Function.

50) Gave an invited Talk on the Topic "**Drug design and Development by Chemical Synthesis**" in thr International Conference on Current Concepts on the Role of Indian Medicine and Phytoceuticals in Maintanence of Health during 15-17 November 2018 at Department of Biochemistry,Chikka Aluwara,Kodagu

51) Gave Key note address on the topic "**Total Synthesis of Hyritocarboline,Characterization and Anticancer Activity"** in the Two day National Conferences on Advances in Chemical Sciences during 2-3,November 2018 at Department of Chemistry,M.I.T.Manipal and also **the Guest of Honour for the Innagural function.**

52) Gave an Invited Talk in the Two day National Seminar on Recent Advances in Chemical Sciences(NSRACS-2019) during 18-19th of January at S.D.M.College(Autonomous) on the Topic "**Green Techniques in Chemical Synthesis**"

53) Gave Keynote address in the National Conference on "Recent Advances in Chemistry and Nanomaterials(RACN-2019) held at Sun Arts and Science College,Tiruannamalai ,Tamilnadu on 1st of February,2019 on the Topic **Drug design and Development**

54) **Gave Prof.S.S.Koppalkar Endowment Lecture** on the topic "**Green Techniques in Synthetic Chemistry"** at Dr.A.V.Baliga College, Kumta on 2nd March 2019.

55) Gave an Invited Talk in the Two day National Conference on **"Synthetic,Spectroscopic and Structural Chemistry" (SSSC-2019)** at Govindadasa College,Surathkal on15-16,March 2019,on the Topic " **Dipolar approach for the Synthesis of Bioactive molecules"**.and also the **Guest of Honour for the Innagural Function**

56) Gave an Invited Talk in the Sixth International Conference of the Indian Council of Chemists entitled "Chemistry Our Health,Our Future" during 6-8th June ,2019 held at Hotel Novotel Wellness (Paris) on the Topic "Synthesis of Novel Series of Spiropyrrolines via One-pot three component 1,3-dipolar cycloaddition approach"

RESEARCH PROJECTS

Funding Agency	Title of Project	Amount	Period
UGC Sanction No.F-12-36/2003(SR) dt.31-03-2003	Synthesis of some novel pyrazoles by the dipolar addition to sydnone.	5.3 lakhs	2003-2006
KSCSTE	Synthesis of some ibuprofen analogues as possible bio-active agents	6.8 lakhs	2004-2007
BRNS/DAE Sanction No.2008/34/03-BRNS/452 dt.23-05-2008	Synthesis of some novel epoxy resins carrying heterocyclics and study of electron beam radiation effects on their mechanical and chemical property.	14 lakhs	2008-11

- Participant in the Department SAP program during 2007-12.
- Coordinator for UGC- SAP from May 2013 onwards. 75 Lakh.

UGC	Dipolar addition reaction: Synthesis of some novel 1, 2, 3-triazole derivatives as possible bioactive agents.	3.8 lakhs	2009-12
BRNS/DAE Sanction No.2011/34/24/BRNS/0598-1 dt.31-05-2011	Evaluation of Radio protective potential of some Indigenous Medicinal plants of Western Ghats of Karnataka having Phytochemicals containing thiol moiety.	14.8 lakhs	2011-14
UGC-SAP	Coordinator	75 Lakhs	2013-2018
BRNS/DAE Sanction No.35/14/31-BRNS-2016 dt.18-04-2016	Synthesis and development of novel polymers with enhanced optoelectronic property by gamma irradiation of Mesoionic compounds. (Sanction No.35/14/31/2016)	32 Lakhs	2016-2019
BRNS/DAE Sanction No.35/14/01/2016-BRNS/35012 dt.18-04-2016	Synthesis,Radiolabelling and Characterization of some selected metal and Polymer based nano particles	23.25 lakh	2016-19 CO-PI

OTHER SIGNIFICANT CONTRIBUTIONS

A) Administrative position held

1. Chairman, Dept. of Chemistry, Mangalore University, January 2010 –December 2011.
2. Chairman ,U.G & P.G.BOS in Chemistry, Mangalore University,May-2013 –May 2014,and September 2017 till date
3. Chairman, P.G.B.O.S in Bio-Chemistry, Mangalore University, June-2006 –December 2015.
4. Chairman P.G.BOS in Industrial Chemistry, Mangalore University, September-2012 – September 2015
5. Chairman, Fire & Safety Management, Mangalore University, May-2013 onwards.
6. Chairman, P.G.B.O.S in Medicinal Chemistry, Tumkur University – April 2008 -10
7. Chairman, P.G.B.O.E in Bio-Chemistry, Mangalore University – 2004 to 2006

8. Chairman, P.G.B.O.E in Organic & Analytical Chemistry, Mangalore University , 2007 -2014
9. Chairman P.G.BOE in Chemistry, Applied Chemistry 2009-2011 &2012
10. Chairman Ph.D.BOE in Bio-Chemistry during May-June-2013
11. Chairman, L.I.C. of Mangalore University to inspect colleges
12. Member, Mangalore University Academic Council, February 2015 –February 2017.
13. Director,P.G.Admission Committee,Mangalore University from May,2019 onwards

B) Membership of Other University authorities

1. Member, PG-BOA in Chemistry at Tumkur University during 2011.
2. Member, PG-BOA in Organic Chemistry at Karnataka University during 2012.
3. Member, PG-BOA in Chemistry at Central University, Kerala, Kasaragod during 2013.
4. Member BOA in Chemistry at Bangalore University during 2015.
5. Member BOA in Chemistry at Kuvempu University during 2016
6. Member, P.G.B.O.S in Chemistry, Mangalore University from June 2006 onwards.
7. Member, P.G.B.O.S in Chemistry, Manipal University from March 2009 -11.
8. Member P.G. BOS in Chemistry, Gulbarga University from June 2011 -14.
9. Member P.G.BOS in Chemistry & Industrial Chemistry, Sri Krishnadevaraya University, Bellary from January 2013 onwards.
10. Member P.G.BOS in Chemistry, Central University, Kerala, Kasaragod from March 2014 –March 2016.
11. Member P.G.BOS in Chemistry, Bangalore University, Central College from June 2014 17.
12. Member PG, BOS in Chemistry, S.D.M.Autonomous College Ujire for 2014-16.
13. Member PG, BOS in Organic Chemistry, Mysore University, Manasagangothri during 2013- 16.
14. Member PG, BOS in Material Sciences, Mysore University, Manasagangothri during 2015-18.
15. Member PG BOS in Chemistry, St.Agnes Autonomous College during 2012 onwards (University Nominee).
16. Member PG BOS in Chemistry at Manipal University during June 2015.
17. Member P.G.BOS in Polymer Chemistry, Mysore University from January 2016.
18. Member P.G.BOS in Chemistry, J.C.Deemed University, Mysore June 2017 onwards.

19. Member P.G.BOS in Chemistry, Hassan Govt Science College(AUTONOMOUS) from April-2016 onwards
20. Member P.G.BOS in Chemistry ,Bangalore North University from May 2018 onwards
21. Member, P.G.B.O.E in Chemistry, Mangalore University from June 2006 onwards.
22. Member, P.G.B.O.E in Chemistry, Gulbarga University, 2003, 2007, 2008, 2016.
23. Member, P.G.B.O.E in Chemistry, Karnataka University, 2005, 2008.
24. Member, P.G.B.O.E., Bangalore University, 2009.
25. Member, P.G.B.O.E in Yuvaraja Autonomous College, Mysore, 2007, 2009.
26. Doctoral committee member of Nitte University, Nitte, 2009-11.
27. Member P.G. BOE in Industrial Chemistry, Kuvempu University, during 2011- 2012.
28. Member P.G.BOE in Chemistry, Sahyadri Autonomous College, Shimogga during 2011-12.
29. Member P.G.BOE in Pharmaceutical Chemistry, Kuvempu University during 2013.
30. Member P.G.BOE in Organic Chemistry, Kuvempu University during 2014.
31. Member PG, BOE in Chemistry, St.Agnes Autonomous College, Mangalore during 2011-2012.
32. Member PG, BOE in Chemistry, Mysore University during 2017.
33. Advisory committee member of LPPMC (UGC-HRDC), Bangalore University during 2015 onwards.
34. Member P.G.BOS in Chemistry,Central University,Kasaragod from December 2018

C) National/International Committees/Assignments

1. **Treasurer, National Conference** on Current Trends in Chemical research (CTCR-2006) held during 13-14 May 2006, in the Department of Chemistry, Mangalore University.
2. **CONVENER of the International Conference on** "Synthetic and Structural Chemistry, ICSSC-2011, during 8-10 December 2011 in the Department of Chemistry, Mangalore University.
3. Executive committee member of Indian Council of Chemists during 2008-2013

D) Special efforts for curriculum development, teaching, evaluation, etc.

1. Referee for many International and National journals of repute.
2. Editorial Board Member of
   a) Meditererian Journal of Chemistry.

b) Journal der Pharmazie Forschung

c) Indian Journal of Chemistry and Application

d) Journal of Heterocyclic Letters

3. Syllabus framing for M.Sc. Chemistry, Applied Chemistry, Organic Chemistry and Medicinal Chemistry of Mangalore University and framed syllabus for M.Sc. Medicinal Chemistry, Tumkur University

E) <u>OTHER</u>

1. Valued more than hundred Thesis from different parts of the country ,like Sikkim university,MumbaiUniversity,Lucknowuniversity,S.V.university,Osmania,Shivaji,Karnataka,Bangalore,Kuvempu,Mysore,Gulbarga,Annamalai,GandhigrarRuralUniversity, Bharathiar,Madhurai,Bharathidasan,Kerala,Cohin,Calicut,JNTU-Hyderabad, M.D.university,Rohtak Haryana etc.
2. Actively involved in social activities and member of Tulunadu Educational Society at Mangalore.

<u>List of Publications of Dr. Balakrishna Kalluraya</u>

Papers published in Journals

Sl. No	Publications	Impact Factor
1.	On the synthesis of some 1-(5-Nitro-2-furyl)-3-aryl-2-propen-1-onesB. S. Holla, **B. Kalluraya** and K. R. Shridhar, *Current Science*, **55**, 73-76 (1986).	0.756
2.	Studies on Nitro furan Heterocycles Part-II: Synthesis and antibacterial activity of some substituted Nitrofurylthiazoles. B. S. Holla, **B. Kalluraya** and S.Y. Ambekar, *J. Indian Chem. Soc*., **64**, 494-496(1987)	0.150
3.	Synthesis of 4-(5-Nitro-2-furfurylidene)amino-3-mercapto-5-(substituted)-1,2,4 triazoles as possible antibacterial agents.B. S. Holla, **B. Kalluraya** and K. R. Shridhar, *Current Science*, **56**, 236-238 (1987).	0.756
4.	Synthesis of some 1-Aryl-3-(5-nitro-2-furyl)-2-propen-1-ones as potential antibacterial agents. B. S. Holla, **B. Kalluraya** and K. R. Shridhar, *Current Science*, **56**, 585-588 (1987).	0.756
5.	Studies on Nitrofuran Heterocycles Part-I: Synthesis and antibacterial activity of 7*H*-6-(5-nitro-2-furyl)-s-triazolo[3,4-b] [1,3,4]thiadiazines. B. S. Holla, **B. Kalluraya** and K. R. Shridhar, *Revue Roumaine de Chimie*, **33,** 277- 282 (1988).	0.395
6.	On the synthesis of some substituted-4-(5-nitro-2-furfurylidene)amino-5-mercapto-1,2,4-triazole and 7H-6-(5-nitro-2-furyl)-triazolo[3.,4-b][1,3,4] thiadiazines. B.S. Holla and **B. Kalluraya**, *Indian J. Chem*., **27B**, 683-685 (1988).	0.489
7.	Synthesis, Characterization, Spectral and Antifungal properties of some 5-substituted-1,3,4-oxadiazolin-2-thiones. B. S. Holla, **B. Kalluraya** and S. C. Nath, *J. Fur. PraktischeChimie*, **330**, 549-557, (1988).	

8.	Synthesis of some 2,5-diaryloxymethyl-1,2,4-triazolo[3,4-b][1,3,4]thiadiazoles. B. S. Holla, A. D. Souza and **B. Kalluraya**, J. *Indian Chem. Soc*., **68**, 250-251 (1991).	0.150
9.	Reaction of 4-Amino-5-mercapto-1,2,4-triazoles with dibromochalcones and α - bromochalcones. B. S. Holla, K. R. Shridhar and **B. Kalluraya**, *Indian J. Chem*., **30B**, 672-675 (1991).	0.489
10.	Synthesis and Biological properties of Mannich bases of some 5-substituted-1,3,4- oxadiazol-2-thiones. **B. Kalluraya** and S. N. Shetty, *J. Indian Chem. Soc*., **68**, 424-425 (1991).	0.150
11.	Synthesis and biological activity of 3,5-disubstituted-1,3,4-oxadiazole-2-thiones. S. N. Shetty and **B. Kalluraya**, Chimica *Acta Turcica*, **19**, 135-139 (1991).	0.50
12.	Mass spectra of some 3-substituted-4-amino-5-mercapto-1,2,4-triazoles and 7H-6-(5-nitro-2-furyl)-s-triazolo[3.4-b][1,3,4]thiadiazines. B. S. Holla and **B. Kalluraya**, *Chimica Acta Turcica*, **19**, 301-302 (1991).	
13.	Studies on Nitrofuran Heterocycls Part-III: Sythesis and antibacterial activity of some. N-substituted-3-methyl-4-(5-nitro-2-furfurylidene)-2-pyrazolin-5-one. B.S. Holla, **B. Kalluraya** and K. R. Shridhar, *Revue Roumaine de Chimie*, **37**, 1159-1164 (1992).	0.395
14.	Synthesis and antibacterial activity of some 5-nitro and 5-(p-nitrophenyl)-2-furfuraldehyde aryloxy acethydrazones. B.S. Holla, A.D. Souza and **B. Kalluraya**, *Chimica Acta Turcica*, **20**, 281-285 (1992).	
15.	Synthesis and biological activity of Mannich bases of 5-aryl-1,2,4-triazol -3 thiones. **B. Kalluraya**, S.N. Shetty and Jancy K. John., *Chimica Acta Turcica*, **20**, 173-179 (1992).	
16.	Synthesis of some 2-arylamino-4-(5-nitro-2-furyl)thiazoles. B.S. Holla, **B. Kalluraya** and S.N. Shetty, *Indian J. Het. Chem*., **2**, 61-64 (1992).	0.11
17.	On the synthesis of some 1-aryl-3-(5-arylfuryl)-2-propen-1-ones. **B. Kalluraya** and A. D. Souza*, Chimica Acta Turcica*, **21**, 241-246 (1993).	
18.	Studies on Nitrothiophene Heterocycles Part-I: Synthesis and biological activity of 7H-6-(5-nitro-2-thinyl)-s-triazolo[3,4-b][1,3,4]thiadiazines. **B. Kalluraya**, A. D. Souza and B. S. Holla, *Indian J. Het. Chem*., **2**, 245-248 (1993).	0.11
19.	Synthesis of some 3-aryloxymethyl-4-phenyl-1,2,4- triazole-5-thiones and their Mannich bases. **B. Kalluraya** and R. Vasantha Kumari, *Indian J. Het. Chem*., **3**, 61-64 (1993).	0.11
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21.	Studies on the synthesis and biological activity of some 2,5-disubstituted-1,2,4-triazolo[3,4-b][1,3,4]thiadiazoles. B. S. Holla, A. Muralidharan and **B. Kalluraya**, *Revue Roumaine de Chimie*, **39**, 87-90 (1994).	0.395
22.	Synthesis, structural characterization, crystallographic analysis and antibacterial properties of some nitrofuryl triazolo[3,4-b][1,3,4]thiadiazines. B. S. Holla, **B. Kalluraya**, K. R. Shridhar, E. Drake, L.M. Thomas, K.K. Bhandary and M.J. Levine, *Eur. J. Med. Chem*., **29**, 301-308 (1994).	5.572
23.	Synthesis Characterization and biological activities of some 3-aryloxymethyl-4-(5-aryl-2-furfurylidene)amino-5-mercapto-1,2,4-triazoles and their Mannich bases. **B. Kalluraya** K. J. Suresh, S. Sreenivasa and B. S. Holla, *Chimica Acta Turcica*, **22**, 285-293 (1994).	
24.	Oxidation of thiourea and some of its organic derivatives with manganese(II) in pyrophosphate and acetate media. B. S. Sherigara, K Ishwara Bhat and **B. Kalluraya**, *Oxidation Communication*, **17(3)**, 201-208 (1994).	0.230

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34.	Studies on arylthiophene heterocycles Part- I: Synthesis and biological activity of some 2-aryl/arylamino-4-[5-(p-nitrophenyl)-2-thienyl]thiazoles. **B. Kalluraya** and S. N. Shetty, *Oriental J. Chem.*, **12**, 141-144 (1996).	0.68
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45.	Synthesis and biological activity studies of 3-arylaminomethyl-7H-6-(6-substitute 3 - coumarino)-s-triazolo-[3,4-b][1,3,4]thiadiazines. **B. Kalluraya** and P. Vishwanatha, *Boll. Chim. Farmaceutico-Anno*, **137**, 169-172 (1998).	0.23
46.	Sydnone derivatives Part-I: Synthesis of some 3-substituted-4-(3-arylaminomethyl-7H-s-triazolo[3,4-b][1,3,4]-thiadiazin-6-yl)-sydnones. **B. Kalluraya**, and P. Vishwanatha, *Indian J. Het. Chem.*, **7,** 277-280 (1998).	0.11
47.	Synthesis of some triheterocyclicthiazole derivatives of biological interest. **B. Kalluraya** P. Gunaga and M.V. Ramana, *Indian J. Het. Chem.*, **8**, 241–242 (1999).	0.11
48.	Regioselctive reaction: Synthesis and biological activity of some Mannich bases. **B. Kalluraya**, P.Gunaga and Ananda K, *Indian J. Chem.*, **38B**, 1295-1298(1999).	0.489
49.	Reactions of aryl/aryloxyacethydrazides with acetylenic ketone and the biological activity of newly synthesized compounds. **B. Kalluraya**, A. D. Souza and A. M. Isloor, *Indian J. Het. Chem.*, **8**, 309-314 (1999).	0.11
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55.	Reaction of anilino acet hydrazides with (α,β-acetylenic ketones and structural characterization of the new compounds. **B. Kalluraya**, and S. N. Shetty and Ganesha Rai, *Indian J. Chem.*, **39B**, 597-602 (2000).	0.489
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84.	Synthesis of 1,3,4-oxadiazoles carrying imidazole moiety. Priya.V. Frank and **B. Kalluraya**, *Indian J. Chem.*, **44B,** 1456-1459 (2005).	0.489
85.	One Pot Synthesis of 3-arylaminomethyl-9/11-Substituted-1,2,4-triazolo[3,4-b][1,3,4]Quinolinothiadiazepines. **B. Kalluraya**, Janardahana Nayak and H. M. Vagdevi, *Indian J. Het. Chem.*, **14**, 257- 258 (2005).	0.11
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Reciving honour for being the Sectional president of Indian Council of Chemists from His Excellency, Governor of Uttarakhad during December 2008

Delivering an invited talk in the International Conference at Dubai June 2013.

Receiving Best Teacher Award from Mangalore University on the occasion of Teachers day from Padmashree Dr B M Hegde on September 5th 2015.

Receiving the prestigious Prof. S. P. Hiremath Award for the year 2015 from Dr Girish Saxena, President Indian Council of Chemists in the 36th Annual Conference of ICC held at UKA Tarsadia University, Bardoli, Surath.

Delivering an Plenary Lecture in the Vth International conference of Indian Council of Chemists held at hotel Swiss-Belhotel,Rainforest, Bali,Indonesia during 7th June 2017

Post Graduate Department of Chemistry
Payyanur College, Payyanur
NATIONAL CONFERENCE ON EMERGING
RESEARCH TRENDS IN CHEMISTRY (NCERTC-2016)

Post Graduate Department of Chemistry
Payyanur College, Payyanur
Sponsored by
6th to 8th January 2016
At Seminar Hall, Payyanur College
Dr. Balakrishna Kalluraya

PAPERS PRESENTED IN CONFERENCES/SYMPOSIA

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Shyma P. C., Balakrishna Kalluraya, Arulmoli T. and Sujatha K. Presented at International Conference on Synthetic and Structural Chemistry (ICSSC-2011) held at Department of Chemistry Mangalore, during 8th & 10th December 2011.
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125. Synthesis and Characterization of Novel series of Pyrazolines; OO-02. H.S.Vidyashree Jois and Balakrishna Kalluraya

126. Synthesis and Characterization of Some New Pyrazolyl-thiazole derivatives Possesing sydnones :OO-10. Balakrishna Kalluraya and Shobitha Shetty.
127. Synthesis,Characterization and Molecular Docking Studies of some New 1,3,4-Oxadiazolines bearing 6-Methyl pyridine moiety :OO-12. Shyma P.C,B. Kalluraya,Peethambar S.K, Sandeep Telkar and Arulmoli.
128. Stereoselective Synthesis of Novel Spiropyrrolidine Library through 1,3-dipolar cycloaddition Reactions.:OP-CYSA-17. Balakrishna Kalluraya and Sahana Mallya. The above 4 papers were presented in the 31st Annual conference of ICC held at Saurashtra University,Rajkot during 26-28,December 2012.
129. Total Synthesis of Hyrtocarboline, Characterization and its Pharmacological Activity .OP-34 Precilla Pathrao,A.M.A.Khader and B.Kalluraya.
130. Synthesis and Characterization of Some novel Thiazole derivatives possessing 1,2,3-triazole Moiety as Potent Pharmacophore. OP-68. Nitinchandra, Balakrishna Kalluraya and Babu.M.
131. Multicomponent Reaction: Synthesis and Characterization of some Fused Bridgehead Nitrogen heterocyclic Systems containing Pyrazole.:PP-20. Shobitha Shetty,Balakrishna Kalluraya and Babu.M
132. Microwave assisted Regioselective solvent –free Synthesis of Novel Spiropyrrolidine Library Containing Nitrothiophene moiety. PP-21. Balakrishna Kalluraya ana Sahana Mallya.
133. Microwave Assisted Synthesis of Pyrimidinones as Potential Anticancer Agents.:PP-22.Babu.M,Balakrishna Kalluraya,Nitinchandra and Shobitha Shetty
134. Synthesis and Characterization of some new triazolothiadiazines carrying 1,4-Benzothiazine -3-one moiety : PP-23. Janet Goveas, A.M.A.Khader and B.Kalluraya.
135. The above papers were presented in the “International Conference on recent Advances in Material Science and Technology-2013 (ICRAMST-13) held at NITK-Surathkal during 17-19, January, 2013.
136. “Synthesis and antioxidant studies of novel triazole-linked pyrazole hybrid compounds”. Sahana Mallya and Balakrishna Kalluraya. Presented at Annual Conference, Indian Council of Chemists (ICC- XXXII) held at Department of Chemistry, Karnatak University, Dharwad during November 2013
137. Multicomponent approach of some fused bridgehead heterocyclic systems containing sydnones (OP-28). Shobhitha Shetty, Balakrishna Kalluraya and Nithinchandra. Presented at Annual Conference, Indian Council of Chemists (ICC- XXXII) held at Department of Chemistry, Karnatak University, Dharwad during November 2013.
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139. Synthesis and charactersation of some novel bis-1,2,4-triazole and bis-thiazolidinone derivatives from terephthalic dihydrazide. Vidyashree Jois and B. Kalluraya. Presented at Annual Conference, Indian Council of Chemists (ICC- XXXII) held at Department of Chemistry, Karnatak University, Dharwad during November 2013.
140. “Synthesis and Characterization of S-alkyl derivatives of 1,3,4-oxadiazole carrying benzothiazole moiety Sushma K. and B. Kalluraya. Presented at Annual Conference,

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141. Multicomponent Reaction: Synthesis and Characterization of some fused bridgehead heterocyclic Systems containing pyrazoles (PP-26). Shobhitha Shetty, B. Kalluraya and Babu M. Presented poster at International Conference on recent Advances in material Science and Technology (ICRAMST-2013) held at Department of Chemistry, National Institute of Technology, Karnataka

142. Synthesis and Characterization of some new thiazole derivatives carrying pyrazoles. (PP-13). Shobhitha Shetty and B. Kalluraya, Presented at National Seminar on Recent advances in Chemical Sciences held at Payyanur College, Payyanur on 14th and 15th February 2013

143. Synthesis, characterization and pharmacological studies of some novel 1,3,4 -Thiadiazine derivatives possessing mesoionic sydnone. (PP-16) Nithinchandra, B. Kalluraya and Shobhitha Shetty, Presented at 6th Annual Karnataka Science and Technology Academy (KSTA-2013) held at Christ University, Bangalore, Karnataka during 20 and 21st December 2013

144. Synthesis and characterization of 2,4-disubstituted thiazole derivatives carrying Pyrazoles. B. Kalluraya and Shobhitha Shetty Presented on Worlds emerging advancements in Chemical Technology held at Govindas First grade college, Surathkal during January 10-11, 2014.

145. Synthesis of some pyrazole derivatives through 1,3-dipolar cycloaddition reaction and study of their biological activity.,Vishwanatha T and Balakrishna Kalluraya : OP-10

146. Microwave assisted synthesis and characterization of thiazole, thiazolones containing quinoline and tetrazole moiety. Vidyashree Jois.H.S and Balakrishna Kalluraya: OP-17.

147. Synthesis,Characterization and Biological activity of 4-[(3-substituted)1H-pyrazol-4-yl)methylideneamino]-5-sulfanyl-4H-1,2,4-triazol-3-yl)methyl-2H-1,4-benzothiazin-3(4H)-ones .,Janet Goveas.A.M.A.Khader and B.Kalluraya.PP-45.

148. The above three papers were presented in the National conference on pure and Applied Chemistry (NACOPAC-2014) held at Department of Studies in Chemistry,University of Mysore,Manasagangothri,MYSURU during December 29-31,2014.

149. Synthesis of 6-Methylpyridine substituted-1,3,4-oxadiazoles and their biological evaluation ;Shyma P.C and B.Kalluraya

150. Synthesis and Characterization of thione bridged bis-pyrazolones; Vidyashree Jois H.S and B.Kalluraya.
The above two abstracts were presented in the National conference on RTBAS-2014 held at Sarada Villas College Mysore during 26-27th September 2014.

151. Regioselective one pot synthesis of 1,2,3-triazole derivatives bearingphthalazine moiety and its biological activity ; Shyma P.C,B. Kalluraya and Vijesh A.M.

152. National seminar on polymers-plural thoughts over the boons and bans arranged by the Department of Chemistry,Nehru Arts and Science college,Kanhagad,Kerala during 6-7th February 2014

153. Synthesis of novel triazolo-linked pyrazole hybrid compounds and their biological properties; Janet Goveas, A.M.A.Khader, B.Kalluraya: Presented at 4th International Science Congress, 8th-9th December, 2014, held at Udaipur, Rajasthan. (Poster no.4CS-47).

154. Synthesis of some Novel Oxadiazole Derivatives Containing Nitrofuran/Nitrothiophene and Study of Their Biological Activity; Vishwanath T. and B.Kalluraya: OP-16.
155. Synthesis, Characterization And Antioxidant Evaluation of Some Novel (E)-2-(4-(3-(2-hydroxyquinoline-3-yl) Acryloyl) Phenoxy) Acetic Acid Derivatives; Nkurunziza Jean baptiste And B.Kalluraya: OP-17.
156. Synthesis and Antimicrobial Activity of Novel Series of Triazolyl Chalcones; Anish Kumar K., B.Kalluraya:OP-18.
157. Synthesis and Pharmocological Studies of Pyrazole carrying Pyrazole Moiety; Manju N. And B.Kalluraya.OP-19.
158. Synthesis of Novel Series Of Triazole Substituted benzodiazepines By Cyclocondensation of Chalcones to 1,2-Diaminobenzene; Asma and B.Kalluraya. OP-20. The above five papers were presented in the Annual Conference of Indian Council of Chemists held at Uka Tarsdia university During 26th -28th December,2015.
159. Synthesis of some novel Pyrazoline derivatives and their Pharmacological studies; Manju N. B.Kalluraya.Presented at National Seminar On Emerging Trends In Analytical Techniques (ETAT 2016), held at Dept. of PG studies in Chemistry, Government Science College, Hassan, 28th and 29th of March 2016.
160. Synthesis of Some Novel Pyrazole Derivatves Through 1,3-Dipolar Cycloaddition Reaction And Study Of Their Biological Activity; Vishwanath.T. & B. Kalluraya.
161. National conference on pure and applied chemistry NACOPAC-2014, Dept of Chemistry, Manasagangothri, Mysore Oral presentation;Vishwanath.T. & B. Kalluraya .
162. Synthesis of novel series of thiasydnones containing 1, 2, 3-triazoles and study of their biological activity; Vishwanath T. & Balakrishna Kalluraya International conference at University of Mumbai, Vidyanagari, Mumbai, from 29-12-2014 to 31-12-2014. Poster presentation. Oral Presentation.
163. Anti-oxidant anti-inflammatory activity of some hydrazones containing 1, 2,3- triazole library' Vishwanath T[1] &Balakrishna Kalluraya. Oral Presentation. National Conference on Recent Trends in Chemical Sciences (NCRTCS – 2016) 11-12 January, 2016 MIT Manipal University.
164. "Microwave Mediated Synthesis of Some Novel Pyrazole Carrying Cyclohexanone Derivative" (OP-CYSA-01), Manju N and Balakrishna Kalluraya, XXXV Annual National Conference of ICC, H. V. Desai College, Pune, 22nd -24th December 2016.
165. Synthetic Studies on 1,2,4-Triazoles Derivatives and Biological Evaluation as Antifungal and Antibacterial Agents (OP-50), Sujatha K, A. M. A. Khader and Balakrishna Kalluraya, XXXV Annual National Conference of ICC, H. V. Desai College, Pune, 22nd -24th December 2016.
166. 1,3-Dipolar cycloaddition reaction of azomethine ylides to 5-substituted furfuryl/thienyl chalcones: study of effect of substituents on regioselectivity (OO-CYSA-18), Anish kumar K and Balakrishna Kalluraya, XXXV annual conference of ICC, H V Desai College, Pune, 22nd -24th December 2016.
167. Microwave assisted synthesis of sydnone containing 2,5-disubstituted 1,3,4-thiadiazines under solvent free condition (OP-08), Aparna. K and Balakrishna Kalluraya, XXXV annual conference of ICC, H V Desai College, Pune, 22nd -24th December 2016.

168. Synthesis and Pharmacological Studies of Novel Triazole-Linked PyrazolineHybride Compounds (OP-17), DestaGebretekle and BalakrishnaKalluraya, , XXXV annual conference of ICC, H V Desai College, Pune, 22nd -24th December 2016.
169. Microwave assisted synthesis, characterisation and biological activity of 4-(2-(substituted aryl) hydrazono) -1- (*p*- tolyloxyacetyl) -3- methyl- 1H- pyrazol-5-one (OP-23), Kaushik B R and Balakrishna Kalluraya, XXXV annual conference of ICC, H V Desai College, Pune, 22nd -24th December 2016.
170. Novel series of thiazole based chalcones: synthesis, characterization and antioxidant properties (OO-05), Jean Baptiste Nkurunziza and BalakrishnaKalluraya, XXXV annual conference of ICC, H V Desai College, Pune, 22nd -24th December 2016.
171. Anti-oxidant and anti-inflammatory activity of some hydrazone containing 1,2,3-triazole library, Vishwanath T and B. Kalluraya, National conference on recent trends in chemical sciences (NCRTCS-2016), Manipal University, 11-12/01 /2016.
172. Preparation and Characterization of Au-TiO_2 Nanospheres and their Physisorption studies, Vishwanath T and B. Kalluraya ,International seminar on nanoscience and technology, Mother Theresa Women's University, Kodaikanal, 20/09/2016.
173. Au/TiO_2 NPs AND CU (I) CATALYZED 1,3- DIPOLAR CYCLOADDITION OF AZIDES WITH TERMINAL ALKYNES : A SUSTAINABLE APPROACH, Vishwanath T and B. Kalluraya, Chemistry for sustainable future, SDM Ujire, 27-28/01/2017.
174. A study on 1,3,4-oxadiazol-5-thiol-propeonones as potent anti-bacterial, anti-tubercular and anti-inflammatory agents, Vishwanath T and B. Kalluraya, Role of Organic Intermediates in Cognitive Disorders and Mental Health., NGSM Institute of Pharmaceutical sciences, Paneer ,17-18/02/2017.
175. Synthesis of some novelpyrazoline derivatives and theirpharmacological studies Manju N & Balakrishna Kalluraya, Emerging Trends in Analytical Techniques", Government Science Coleege, Hassan, March 28& 29,2016.
176. SYNTHESIS OF SOME NOVEL TRIS-HETEROCYCLIC COMPOUNDS AND THEIR BIOLOGICAL ACTIVITY, Manju N, Asma, & Balakrishna Kalluraya*, Chemistry for sustainable future, SDM Ujire, 27-28/01/2017.
177. SYNTHESIS AND DEVELOPMENT OF NOVEL POLYMERS WITH ENHANCED OPTO-ELECTRONIC PROPERTY BY GAMMA IRRADIATION OF MESO-IONIC COMPOUNDS Kaushik B R, H. M. Somashekarappa and Balakrishna Kalluraya*, Presented at the conference Organized by Indian Science Congress Association held at Mangalore University-2017
178. FULLY AROMATIC HIGH PERFORMANCE THERMOSET VIA SYDNONE MALEIMIDE 1,3-DIPOLAR CYCLOADDITION, Kaushik B R, H. M. Somashekarappa and Balakrishna Kalluraya*, Presented at 36th ICC conference held at Pune
179. Microwave assisted synthesis of sydnone containing 2,5-disubstituted 1,3,4-thiadiazines under solvent free condition, Aparna K, Balakrishna Kalluraya,. Presented at 36th ICC conference held at Pune on 22nd -24th 2016.
180. Synthesis of novel triazole –linked pyrazoline hybrid compounds. Aparna K, Balakrishna Kalluraya,.Two days National Conference on "Reaching the Unreached through Science and Technology: Recent Advances in Physical, Chemical, Mathematical and Biological

Sciences for Energy, Health and Environment" held on 08th-09th September, 2017 at Mangalore University

181. A study on 1,3,4-oxadiazol-5-thiol-propeonones as potent anti-bacterial, anti-tubercular and anti-inflammatory agents, NGSM Institute of Pharmaceutical sciences, Paneer , 17-18/02/2017, National, Oral

182. Hydrothiolation of acetylenic ketones on Nano-Au/TiO2: A green approach, held at Swiss-Belhotel Rainforest, Bali, Indonesia on 7-9th June 2017, Poster

183. Nano Au/TiO_2 catalytic Hydrothiolation of acetylenic ketone- a mechanistic view using DFT and their Molecular docking and toxicity studies. Andhra University, Visakhapattanam on 23-25th January 2018

184. Synthesis, characterization and Nonlinear Optical studies of 1-(*p*-chlorophenyl)-5-methyl-N'-(quinolin-4-ylmethylene)-1H-1,2,3-triazole-4- carbohydrazide, Mangalore University, ISBN 978-93-5291-953-6 **,** Recent Advances in Materials Science and Biophysics (RAMSB)

185. Jean Baptiste Nkurunziza and Balakrishna Kalluraya, "Synthesis of Novel Series of Thiazolidine-2,4-dione Derivatives Bearing Coumarin moiety as Possible Antioxidant Agents", Two days National Conference on "Reaching the Unreached through Science and Technology: Recent Advances in Physical, Chemical, Mathematical and Biological Sciences for Energy, Health and Environment" held on 08th-09th September, 2017 at Mangalore University (P-22)

186. Anish kumar K and Balakrishna Kalluraya, '1,3-Dipolar cycloaddition reaction of azomethine ylides to 5-substituted fufuryi/thienyl chalcones: study of effect of substitution on regioselectivity', 35th Annual Conference of Indian Council of Chemists held during 22 -24th December 2016 at Haribhai V Desai college, Pune. (OO-CYSA-18) – Won young scientist award for the best oral presentation in the Organic Chemistry section.

187. Anish kumar K and Balakrishna Kalluraya, 'Synthesis, characterization and *in-vitro* antioxidant properties of 4-(((4-((5-((substitutedphenoxy)methyl)-1,3,4-oxadiazol-2-yl)sulfanylmethyl)-1H-1,2,3-triazol-1-yl)methyl)-6-methyl)-2H-chromene-2-one and 1-((4-((5-((substitutedphenoxy)methyl)-1,3,4-oxadiazol-2-yl)sulfanylmethy)-1H-1,2,3-triazol-1-yl-)methyl)-3H-benzo[f]chromene-3-one', 36th Annual Conference of Indian Council of Chemists held during 26 – 28th December 2017 at School of Chemistry, Andhra University, Visakhapatnam. (PCO-CYSA-02)

188. Anish kumar K and Balakrishna Kalluraya, ' Regioselective synthesis of some coumarin containing 1,2,3-triazoles and their in-vitro antioxidant study.' National Conference on Reaching the Unreached Through Science and Technology, Recent advances in Physical,

Chemical, Mathematical and Biological Sciences for Energy, Health and Environment held durind 8 – 9th September 2017 at Mangalore University Mangalagangothri.

189. SYNTHESIS AND PHARMACOLOGICAL STUDIES OF NOVEL TRIAZOLE-LINKED PYRAZOLINE HYBRIDE COMPOUNDS, Desta Gebretekle, B. Kalluraya and Manju N, Presented poster at Annual Conference of Indian Council of Chemists held during 22 -24th December 2016 at Haribhai V Desai college, Pune

190. SYNTHESIS AND BIOLOGICAL EVALUATION OF SOME NOVEL HYDRAZONES CARRYING BENZIMIDAZOLE AND PYRENE MOIETY, Desta Gebretekle, B. Kalluraya and Manju N, presented at 36th Annual Conference of Indian Council of Chemists held during 26 – 28th December 2017 at School of Chemistry, Andhra University, Visakhapatnam

191. Synthesis and biological evaluation of some novel Bis-(3-Methyl-5-Phenoxy-1-Phenyl-1H-pyrazol-4-Yl) Methylene)-1-Phenyl-1H-Pyrazole-3,4-Dicarbohydrazide Via 1,3 Dipolar cycloaddition of Sydnone, Balakrishna Kalluraya and Asma, oral presentation at 36th Annual Conference of Indian Council of Chemists held during 26 – 28th December 2017 at School of Chemistry, Andhra University, Visakhapatnam. (OO-CYSA-03)

192. 'Synthesis and Biological evaluation of triazole carrying pyrazole and pyrazoline hybrids.' Manju N and Balakrishna Kalluraya. National Conference on Reaching the Unreached Through Science and Technology, Recent advances in Physical, Chemical, Mathematical and Biological Sciences for Energy, Health and Environment held during 8 – 9th September 2017 at Mangalore University Mangalagangothri

193. Synthesis, antimicrobial, antioxidant and molecular docking study of some novel bis-1,2,4-triazolo[3,4-b]-1,3,4-thiadiazoles". Asmaand Balakrishna Kalluraya, National conference, NCST-RU 2017, Mangalore University, Mangalagangothri, 8th-9th September 2017.

194. "Microwave Assisted one-pot Three component Cycloaddition of Azomethine Ylides to Acetylenic Ketones: Easy Access to Spiropyrrolines of Reversed Regiochemistry.", Anish Kumar K and Balakrishna Kalluraya (OO-CYSA-04).

195. " Synthesis of novel pyrazoles hybrid pyrazolines incorporated with thiazole and pyrazole nucleus." Desta Gebretekle and Balakrishna Kalluraya (OO-05).

196. "Synthesis, characterization and anti-oxidant study of novel series of benzimidazole derivatives." Manju N and Balakrishna Kalluraya (OP-CYSA-05)

197. "Synthesis, characterization and anti-oxidant study of thiazoles carrying sydnone and pyrazoline moiety." Asma and Balakrishna Kalluraya (OP-CYSA-06).

198. "Synthesis and anti-oxidant study of quinoxaline derivatives." Aparna K and Balakrishna Kalluraya. (PCO-CYSA-04).

199. "A novel approach in the synthesis of polymer by double cycloaddition and study of effect of γ-irradiation on their physico-chemical properties." Kaushik B R, H M Somashekharappa and Balakrishna Kalluraya (PO-CYSA-01).

Above six papers were presented in 37th Annual Conference of ICC, held at NITK Suratkal, Mangalore, during 12-14th Dec 2018.

200.Synthesis of novel series of Spiropyrrolines via One-pot Three component 1,3-Dipolar Cycloaddition Approach,Balakrishna Kalluraya and Anish Kumar(PP-05) ,Presented in the Sixth International Conference of Indian Council of Chemists Entitled ”Chemistry,Our Health ,Our Future” during 6-8th June 2019 at Hotel Novotel Wellness and Spa Roissy (Paris) .