

## Detailed CV



**Name:** Dr. K S Chandrashekharaiiah

**Educational Qualification:** M.Sc.,Ph.D.

**Designation:** Professor

**Address for Correspondence:** Department of Biochemistry, Mangalore University, Jnanakaveri Post Graduate Centre, Chikka Aluvara, Thorenor post, Somwarpet Taluk, Kodagu-571232, Karnataka, India.

**Email:**kschandraks@gmail.com

**Phone:** +91-9902273251, 6360578819

**Research areas:** Enzymology, Protein Chemistry, Phytochemistry, Phytomedicine

**Professional Teaching Experience:** 23 Years

**Research Guidance (Ph.D.):**

### Completed Students' list

1. Dr Rajiv Bharadwaj P

### Ongoing Registered Students'list

1. Mr Jafar Khaliq Lone (Thesis submission )
2. Mrs Lekha M A (Thesis submission )
3. Mr Ganesh Hegde (Thesis submission )
4. Mr Faisal Ali
5. Mrs Anuradha
6. Mr Thirupateshwara Rao
7. Mr Veeranjanyulu P
8. Ms Huda (International student)

## Research Projects

Title of the project	Funding agency	Amount (lakhs)	Sanctioned date and Duration
National seminar/workshop on advanced molecular techniques in biosciences	UGC	0.60 lakhs	SEM-32/12 - 13/KABA037/UGC-SWRO
National Workshop on advanced molecular techniques in biosciences	TEQIP	1.55 lakhs	TEQIP-2013/1.2/FSD/3b
Studies on identification and evaluation of L-DOPA, genetic diversity and relationship among different species/varieties of Mucuna using RAPD molecular markers	UGC	2.0 lakhs	MRP(S) - 1261/11-12/KABA037/UGC-SWRO 02 years
Studies on proteins and protease inhibitors in the seeds of different varieties of Mucuna	UGC	0.47 lakhs	MRP(S) - 014/07-08/KABA037/UGC-SWRO 02 years

## Books Authored

1. Protein Purification Techniques-A Practical Approach- ISBN-978-819-381-4109
2. Carboxylesterases (Purification and Characterization). ISBN-973-3-8465-9775-0.
3. Plant Proteinase Inhibitors (Purification Methods). ISBN-978-3-8473-3688-4.

## Research Journal Publications

1. Fasil Ali, Usma Manzoor, Reshmee Bhattacharya, Aniket Kumar Bansal, Laishram Rajindrakumar Singh, **Kempohalli Sayanna Chandrashekharaiiah**, Suma Mohan S, Tanveer A.Dar, **2020**. Inhibition of Catalase function by brain osmolyte, Myo-inositol: Implications of its involvement in inactivation of antioxidant enzymes during Neurodegenerative disorders. **Redox Biology (Under Review)**
2. Fasil Ali, Laishram R.Singh, **K S Chandrashekharaiiah**, Suma Mohan S, Tanveer A.Dar, **2020**. Structural and functional alterations of catalase by the brain osmolyte, myo-inositol. Towards understanding the mechanism of reduced activity of antioxidant enzymes in

oxidative stress disorders/Alzheimer's. **Journal of Biological Chemistry (Under Compilation).**

3. Fasil Ali, Laishram R.Singh, **K S Chandrashekharaiiah**, Tanveer A.Dar, 2020. Mechanisms of protein stabilization and prevention of protein aggregation by polyol osmolytes. **Biochimica et Biophysica Acta (Under compilation).**
4. Jafar Khaliq Lone, Lekha MA, Rajiv Bharadwaj, Fasil Ali, **K S Chandrashekharaiiah**, 2020. Antibacterial activity of serine protease inhibitor differentially isolated from the seeds of an under-utilized legume, *Mucuna pruriens*. **Journal of food safety (Under Review).**
5. Jafar Khaliq Lone, Lekha MA, , Rajiv Bharadwaj, Fasil Ali, **K S Chandrashekharaiiah**, 2019. Identification and characterization of Bowman-Birk inhibitor and its multimeric forms from the seeds of an under-utilized legume, *Mucuna pruriens* using UPLC-ESI/MS. **FOOD CHEMISTRY (under Compilation).**
6. Lekha MA, Jafar Khaliq Lone, Rajiv Bharadwaj, **K S Chandrashekharaiiah**, 2019. Characterization of Protease inhibitor from the seeds of *Caesalpinia mimosoides* and its Anti cancer potential against human cervical cancer cell lines. **Food Chemistry (Submitted).**
7. Ganesh Hegde, **K S Chandrashekharaiiah**, Gangadhar Barlaya, 2020. Evaluation of the anti-inflammatory activity of periphytic carotenoids in croton oil-induced Zebrafish. **Biomedicine, 40(2):**
8. Lekha MA, Jafar Khaliq Lone, Rajiv Bharadwaj, **K S Chandrashekharaiiah**, 2019. Studies on antibacterial activity of protease inhibitors from the seeds of *Caesalpinia mimosoides*. **Biomedicine: 2019: 39(4), 566-570.**
9. Rajiv Bharadwaj, Raju N G, **K S Chandrashekharaiiah\***, 2018. Proteinacious amylase inhibitors from plants: A potential anti-diabetic drug in *Mucuna pruriens*. **Biomedicine: 38(3), 378 - 383.**
10. Rajiv Bharadwaj, **K S Chandrashekharaiiah**, 2018. Purification and Characterization of amylase inhibitor from the seeds of underutilized Legume, *Mucuna pruriens*. **Journal of Food Biochemistry, 42(6): 1 - 9.DOI:10.1111/jfbc.12686.**
11. **K S Chandrashekharaiiah**, 2018. Studies on proteinase inhibitors from the seeds of *Mucuna utilis*. **Research journal of Chemistry and Environment: 22(4), 23 - 27.**

12. **K S Chandrashekharaiiah<sup>1\*</sup>**, H P Shweta, Rajiv Bharadwaj, N G Raju, N. Ramachandra Swamy 2018. Characterization of Protease inhibitors from the seeds of *Senna alata*. **Asian journal of Research in Chemistry**: 11 (1):251 - 254, 2018.
13. **K S Chandrashekharaiiah**, 2018. Purification and Characterization of Amylase Inhibitors from the Seeds of Senna Alata. **IOSR journal of Pharmacy**: 8(4), 73 - 77, 2018.
14. **K S Chandrashekharaiiah<sup>1\*</sup>**, K B Sangeetha<sup>1</sup>, Rajiv Bharadwaj<sup>1</sup>, N G Raju<sup>2</sup>, N Ramachandra Swamy<sup>3</sup>, 2018. Protease Inhibitors from the seeds of *Senna sophera*: Isolation and Properties. **Research Journal of Pharmacognosy and Phytochemistry**: 10(1): 139 - 142, 2018.
15. Rajiv Bharadwaj P, **K S Chandrashekharaiiah**, 2017. Therapeutical potential of tropical under-utilized legume, Mucuna pruriens. **IOSR journal of Pharmacy**: 7(10), 69 - 77, 2017.
16. Jafar Khaliq Lone, M A Lekha, **K S Chandrashekharaiiah**, 2017. Studies on proteolytic inhibitory peptides from the seeds of Ricinus communis.. **Journal of Innovations in Pharmaceutical and Biological Sciences**. 4(4):112-116, 2017.
17. **K S Chandrashekharaiiah<sup>1\*</sup>**, A Shashank<sup>1</sup>, Rajiv Bharadwaj<sup>1</sup>, N G Raju<sup>2</sup> and N Ramachandra Swamy<sup>3</sup>, 2017. Characterization of Protease Inhibitors from the Seeds of *Adenanthera Pavonina*. **International Journal of Biotechnology and Biochemistry**.13 (4), 361-370, 2017.
18. **K S Chandrashekharaiiah**, 2017. Studies on the Amylase Inhibitors from the Seeds of *Adenanthera Pavonina*. **Biosciences Biotechnology Research Asia**. 14(5): 1009-1015, 2017.
19. Lone Khaliq Jafar, M A Lekha, **K S Chandrashekharaiiah**, 2017. Studies on protease inhibitory peptides from the seeds of *Tamarindus indica*. **Journal of Innovations in Pharmaceutical and Biological Sciences**. 4(4), 39-42, 2017.
20. Rajiv Bharadwaj P, **K S Chandrashekharaiiah**, 2017. Purification and characterization of amylase inhibitor from the seeds of Mucuna utilis. **IOSR Journal of Pharmacy**, 7(9): 46 - 51.
21. **K S Chandrashekharaiiah**, 2016. Evaluation of L-Dopa Content in the Seeds of Different Varieties/Species of Mucuna. **Journal of Theoretical and Experimental Biology (ISSN: 0972-9720)**, 12 (3 and 4): 79-89.
22. Rajiv Bharadwaj P and **K S Chandrashekharaiiah\***, 2016. Evaluation of Protease Inhibitors from the Seeds of Five Different Varieties of *Mucuna*. **Journal of Theoretical and Experimental Biology (ISSN: 0972-9720)**, 12 (3 and 4): 63-72.

23. **K S Chandrashekharaiiah**, 2016. Characterization of amylase inhibitors from the seeds of *Senna sophera*. **Journal of Theoretical and Experimental Biology**: 11(1&2): 23-34, 2016.
24. **K. S. Chandrashekharaiiah**, 2015. Studies on Bioactive Peptides from the Seeds of *Artocarpus heterophyllus Lam.* **Journal of Theoretical and Experimental Biology**: 11(3&4): 91-97.
25. **K P Bhavith, M Narayana Swamy, K R Siddalinga Murthy, N Ramachandra Swamy, K S Chandrashekharaiiah**, 2014. Purification and characterization of esterase from the seeds of *Caesalpinia mimosoides*. **Journal of Experimental Biology and Agricultural Sciences**. 2(6), 634 - 641, 2014.
26. **K S Chandrashekharaiiah**<sup>\*1</sup>, Preethi<sup>1</sup>, Shalini<sup>1</sup>, V Krishna Murthy<sup>1</sup>, M Narayanaswamy<sup>2</sup>, K R Siddalinga Murthy<sup>3</sup>, N Ramachandra Swamy<sup>3</sup>, 2013. Characterization of alpha-amylase from the seeds of *Mucuna pruriens*.. **Journal of Experimental Biology and Agricultural Sciences**. 1(5), 367-374.
27. **K S Chandrashekharaiiah**, 2013. Anti-oxidant and type-II diabetes-related enzyme inhibition properties of few selected medicinal plants. **Biomedical and pharmacology journal**. 6(2), 278 - 284, 2013.
28. **K S Chandrashekharaiiah**<sup>1</sup> Menaka N Bolaki<sup>1</sup>, Gupta Shivani Sanjay<sup>1</sup>, Aanchal Bathija<sup>1</sup>, V Krishna Murthy<sup>1</sup>, K R Siddalinga Murthy<sup>2</sup>, N Ramachandra Swamy<sup>2</sup> 2013. Anti-oxidant and anti-hyperglycemic properties of methanolic extracts of medicinal plants. **Biosciences Biotechnology Research Asia**. 10(2), 607 - 612, 2013.
29. Budiguppe Kapanigowda Chikkaswamy, Prasad M P and **Chandrashekharaiiah K S**, 2013. Detection of genetic diversity in *Ocimum* species using RAPD markers. **International Journal of Research in Pharmaceutical Sciences**, 4(1), 1-7.
30. **K S Chandrashekharaiiah**, Narayanaswamy, Preethi G H, Shalini S, K R Siddalinga Murthy, N Ramachandra Swamy, 2013. Characterization of Carboxylesterases from the seeds of *Vicia faba*. Proceedings of International conference on “Emerging Innovative Technologies for a Sustainable World, (ICEITSW-2013), 01, 155 - 159.
31. **Kempohalli S Chandrashekharaiiah**, 2013. Antimicrobial activity of trypsin-chymotrypsin inhibitor from the seeds of *Mucuna pruriens*. **Journal of Pure and Applied Microbiology**.7 (3), 2405 - 2410.

32. **K S Chandrashekharaiiah**, 2013. Physico-chemical and antifungal properties of trypsin inhibitor from the seeds of underutilized legume, *Mucuna pruriens*. **Oriental Journal of Chemistry**. 29(3), 1061 - 1070.
33. **Kempohalli S Chandrashekharaiiah**, 2013. Storage proteins and trypsin inhibitors of an underutilized legume, *Mucuna*: variability and their stability during germination. **American Journal of Plant Sciences**, 4(4), 910 - 916.
34. Nandan P Bhat, Nitish U S, Pavan kumar N, Uma M V, **Chandrashekharaiiah K S**, Shanti K N, 2013. Receptor embedded in liposomes as therapeutic agents. Symbiot-2013, Manipal Institute of Technology, 12 - 14, April 2013.
35. Syed Azmal Ali, Grishma Bendre, Shraddha Ojha, Krishnamurthy V, N Ramachandrnswamy, **Kempohalli S Chandrashekharaiiah**, 2013. Esterases from the seeds of an edible legume, *phaseolus vulgaris* L; variability and stability during germination. **American Journal of Plant Sciences**, 4(4), 905 - 909.
36. **Kempohalli S Chandrashekharaiiah**, 2013. Studies on the effect of organophosphate, dichlorvos on the esterases of seeds of an underutilized legume, *Mucuna pruriens*. **Asian Journal of Research in Chemistry**. 6(4), 144 - 147.
37. **Kempohalli S Chandrashekharaiiah**, 2012. Studies on variation and stability of storage proteins and chymotrypsin inhibitors of an underutilized legume, *Mucuna* during germination. **Asian Journal of Research in Chemistry**, 5(12), 1388 - 1391.
38. T. Subramani, **K S Chandrashekharaiiah**, N Ramachandra swamy, K R Siddalinga Murthy, 2012. Purification and Characterization of Carboxylesterase from the seeds of *Jatropha curcas*. **The Protein Journal**, 31(2): 120 - 128.
39. **K S Chandrashekharaiiah**, N Ramachandra swamy, K R Siddalinga Murthy, 2011. Carboxylesterases from the seeds of an underutilized legume, *Mucuna pruriens*: Isolation, purification and characterization. **Phytochemistry**, 72(18): 2267-2274.
40. T. Subramani, K.C. Manjunath, **K S Chandrashekharaiiah**, N Ramachandra swamy, K R Siddalinga Murthy, 2011. Variations in the esterase activity during the germination period of *Jatropha curcas* seeds. **Journal of Phytology**, 3(11): 01-03.
41. **K S Chandrashekharaiiah**, N Ramachandra swamy, K R Siddalinga Murthy, 2011. Studies on Esterases of an underutilized legume, *Mucuna pruriens* and their sensitivity towards

insecticides or pesticides. **International Journal of Applied Biotechnology and Biochemistry**, 1(3): 277-288.

42. B K Chikka swamy, **K S Chandrashekharaiiah**, Robin Chandra Paramanik, 2006. Cytological effect of Industrial effluent on root meristem of *Capsicum annum* L. *Journal of Phytological Research*, 19(2):261 - 266.
43. Robin Chandra Paramanik, **K S Chandrashekharaiiah**, B K Chikka swamy, 2006. PCR amplification and DNA finger printing in *Morus alba*. *Journal of Phytological Research*, 19(2):171 - 173.

#### **Papers/Poster Presentations in Conferences/Seminars/Symposia**

1. Jafar Khaliq Lone, Lekha MA, Rajiv Bharadwaj, Fasil Ali, **K S Chandrashekharaiiah**, 2019. Identification and characterization of trypsin specific protease inhibitor from the seeds of an under-utilized legume, *Mucuna pruriens*. 39<sup>th</sup> IABMS on Current concepts on the role of Indian medicine and phyceuticals in maintenance of health from 16 - 17<sup>th</sup> November 2018 held at Department of biochemistry, Mangalore University PG Centre, Chikka Aluvara, Kodagu, Karnataka, India.
2. Jafar Khaliq Lone, Lekha MA, Rajiv Bharadwaj, Fasil Ali, **K S Chandrashekharaiiah**, 2020. Study of stability, kinetic studies and anti-inflammatory activity of *Mucuna pruriens* trypsin inhibitor National conference on “Recent novel approaches in chemical sciences” on 12<sup>th</sup> February 2020 held at FMKMC college, Madikeri, Karnataka, India..
3. Jafar Khaliq Lone, Lekha MA, Rajiv Bharadwaj, Fasil Ali, **K S Chandrashekharaiiah**, 2019. Identification of multimeric forms of trypsin inhibitor by using liquid chromatography coupled to MS , purified from the seeds of an under-utilized legume, *Mucuna pruriens*. National seminar on “ Emerging trends in analytical Chemistry ETOS - 2019 in association with Indian society of analytical scientists(ISAS) on 21<sup>st</sup> June 2019 held at CSIR-IICT, Hyderabad, Andhra Pradesh, India.
4. Jafar Khaliq Lone, Lekha MA, Rajiv Bharadwaj, Fasil Ali, **K S Chandrashekharaiiah**, 2019. Anti-inflammatory activity of trypsin inhibitor isolated and purified from the seeds of an under-utilized legume *Mucuna pruriens*. National conference in “Emerging trends and Challenges in life sciences” 26 - 27<sup>th</sup> April 2019 held at department of Biochemistry, davanagere University, Davanagere, Karnataka, India.

5. Jafar Khaliq Lone, Lekha MA, Rajiv Bharadwaj, Fasil Ali, **K S Chandrashekharaiiah, 2019**. Identification and purification of protease inhibitors from the seeds of an under-utilized legume, *Mucuna pruriens*. National conference on Synthetic and biological peptides: Structure and strategies for the development of drugs , biologics and materials on 14 -15<sup>th</sup> March 2019 held at Central college campus, Bangalore University, Karnataka, india.
6. Lekha MA, Jafar Khaliq Lone, Rajiv Bharadwaj, **K S Chandrashekharaiiah, 2019**. Purification and Characterization of protease inhibitors from the seeds of *Caesalpinia mimosides*. National conference in “Emerging trends and Challenges in life sciences” 26 - 27<sup>th</sup> April 2019 held at department of Biochemistry, davanagere University, Davanagere, Karnataka, India.
7. Lekha MA, Jafar Khaliq Lone, Rajiv Bharadwaj, **K S Chandrashekharaiiah, 2019**. Characterization of protease inhibitors from the seeds of wild legume, *Caesalpinia mimosoides*. National conference on “Recent novel approaches in chemical sciences” on 12<sup>th</sup> February 2020 held at FMKMC college, Madikeri, Karnataka, India.
8. Lekha MA, Jafar Khaliq Lone, **K S Chandrashekharaiiah, 2018**. Studies on antibacterial activity of protease inhibitors from the seeds of *Caesalpinia mimosoides*. 39<sup>th</sup> IABMS on Current concepts on the role of Indian medicine and phyceuticals in maintenance of health from 16 - 17<sup>th</sup> November 2018 held at Department of biochemistry, Mangalore University PG Centre, Chikka Aluvara, Kodagu, Karnataka, India.
9. **K S Chandrashekharaiiah, M Narayana Swamy, N Ramachandra Swamy, 2015 (Oral presentation)**. Characterization of amylase inhibitor from the seeds of underutilized legume, *Mucuna pruriens*. World Research Journals Conference-2015 (WRJ-2015), 7 -8, December 2015 held at Hotel Crowne Plaza, Dubai, UAE.
10. **K S Chandrashekharaiiah, 2015 (Oral presentation)**. Studies on amylase inhibitors from the seeds of *Adenanthera pavonina*. National Conference on “Science and Technology for Indigenous Development in India”(BIOBLOOMS- 2015), 5 - 7, October, 2015 held at M S Ramaiah College of Arts, Science and Commerce, Bangalore, Karnataka, India.
11. **K S Chandrashekharaiiah, K B Sangeetha, N G Raju, N Ramachandra Swamy, 2015 (Poster presentation)**. Characterization of amylase inhibitors from the seeds of *Senna*



sopha. National Conference on Recent Trends in Novel Carbon Materials on 22nd September 2015 held at FMKMC College, Madikeri, Karnataka, India.

12. **K S Chandrashekharaiiah**, Madhura, N Ramachandra Swamy, 2015 (Oral presentation). Characterization of carboxylesterases from the seeds of *Bauhinia malabarica*. National Conference on “Science and Technology for Human Development, February 23 - 25 2015 held at Kristujayanti College, Bangalore, Karnataka, India.
13. **K S Chandrashekharaiiah**, Narayanaswamy, Preethi.G.H, Shalini.S, K R Siddalinga Murthy, N Ramachandra Swamy, 2013 (Oral Presentation). Characterization of carboxylesterases from the seeds of *Vicia faba*. International conference on “Emerging Innovative Technologies for a Sustainable World, 2013 (ICEITSW-2013), 7 - 8, October, 2013 held at Sridevi Institute of Technology, Tumkur, Karnataka, India.
14. **K S Chandrashekharaiiah**, K R Siddalinga Murthy, N Ramachandra Swamy, 2013 (oral presentation). Characterization of  $\alpha$ -amylase from the seeds of *Mucuna*. National conference on “Emerging trends in Bioprocess and Simulations” 12 - 13, September, 2013 held at PES Institute of Technology, Bangalore, India.
15. **K S Chandrashekharaiiah**, N Ramachandra Swamy, 2013 (oral presentation). Purification and characterization of protease inhibitor from the seeds of *Mucuna pruriens*. 6<sup>th</sup> International Congress of Chemistry and Environment (ICCE - 2013) from 8 - 10, July 2013, **Antwerp, Belgium**.
16. **K S Chandrashekharaiiah**, 2013 (Oral presentation). Studies on non-specific esterases from the seeds of *Vicia faba* (fava beans). National conference on recent advances in nano science and technology (NCRNT-13), 3 - 4, May, 2013, at **Acharya Institute of Technology, Bangalore, India**.
17. **K S Chandrashekharaiiah**, 2013 (Oral presentation). Studies on anti-oxidant and antidiabetic potential of few medicinal plants. National conference on recent advances in nano science and technology (NCRNT-13), 3 - 4, May, 2013, at **Acharya Institute of Technology, Bangalore, India**.
18. **K S Chandrashekharaiiah**, 2013 (Oral presentation). Studies on carboxylesterases from the seeds of horse gram. National conference on “Biotechnological approaches in medicinal

and aromatic plants from 21 - 22, March, 2013, held at **Maharani College, Bangalore, Karnataka, India**

19. **K S Chandrashekharaiyah, 2013 (Oral presentation)**. Studies on carboxylesterases from the seeds of horse gram. National conference on “Biotechnological approaches in medicinal and aromatic plants from 21 - 22, March, 2013, held at **Maharani College, Bangalore, Karnataka, India**
20. **K S Chandrashekharaiyah, N Ramachandra swamy, 2012 (Oral presentation)**. Carboxylesterases from the seeds of an underutilized legume, *Mucuna pruriens*: Isolation, purification and characterization. 5<sup>th</sup> International Congress of Chemistry and Environment (ICCE - 2011) from 27 - 29 May, 2011 held at **Port Dickson, Malaysia**.
21. **K S Chandrashekharaiyah, 2011 (Oral presentation)**. International symposium on current trends in endocrine and reproductive health from 10 - 12, February, 2011 held at **University of Mysore, Karnataka, India**.
22. **K S Chandrashekharaiyah, N Ramachandra Swamy, 2010 (Oral presentation)**. Purification and Characterization of carboxylesterase from the seeds of *Mucuna pruriens*. 4<sup>th</sup> International Congress of Chemistry and Environment (ICCE - 2009) from 21 - 23 January, 2010 held at **Ubonratchathani, Thailand**.
23. **K S Chandrashekharaiyah, N Ramachandra Swamy, 2008 (Oral presentation)**. Studies on proteins and protease inhibitors in the seeds of *Mucuna*. International society of biotechnology conference (ISBT - 2008) from 28 - 30, December, 2008, held at **Sikkim, India**.
24. **K S Chandrashekharaiyah, Ramachandra Swamy, 2008 (Oral presentation)**. Studies on chymotrypsin inhibitors the seeds of *Mucuna pruriens*. National seminar on recent trends in biodiversity conservation and documentation from 6 - 7, November 2008, held at Mahe, Union territory of **Puduchery, India**.
25. **K S Chandrashekharaiyah, N Ramachandra Swamy, 2008 (Poster presentation)**. Studies on trypsin inhibitors from the seeds of *Mucuna pruriens*. National conference on genomics, proteomics and system biology from 1 - 3, October, 2008, **IISC, Bangalore, Karnataka, India**.
26. **K S Chandrashekharaiyah, N Ramachandra Swamy, 2007 (Poster presentation)**. Stability of trypsin and chymotrypsin inhibitors from the seeds of *Mucuna pruriens* during

germination. 76<sup>th</sup> Meeting of society of biological chemists of India from 25 - 27, November, 2007, held at **Sri Venkateshwara University, Tirupati, Andra Pradesh, India.**

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**Impact of Publications:**

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**Invited/Plenary Talks Delivered:**

SL NO	Name of the workshop/Symposia	National/International	Date and venue	India/Abroad
1	National workshop on advanced molecular techniques in biosciences	National	24 - 30, June 2013 PES Institute of Technology	India
2	National seminar/workshop on advanced molecular techniques in biosciences	National	24 - 29, June 2013 PES College	India
3	Training programme in biology for Pre-university college lecturers	National	11-12, December, 2012, Pre-University education Board, Bangalore	India
4	Molecular methodologies	National	18-23, August, 2008, PES College, Bangalore	India

**Workshop/Training/Faculty Development programme Organized**

SL NO	Name of the workshop	National/International	Date and venue	India/Abroad
1	National conference on emerging trends in bioprocess and simulations	National	12 - 13, September 2013, PES Institute of Technology	India
2	National workshop on advanced molecular techniques in biosciences	National	24 - 30, June 2013 PES Institute of Technology	India

3	National seminar/workshop on advanced molecular techniques in biosciences	National	24 - 29, June 2013 PES College	India

### Conferences/Seminars/workshops/Symposia Organized

SL NO	Name of the Conference	National/International	Date and venue	India/Abroad
1	International Conference on Current concepts on the role of Indian medicine and phytoceuticals in maintenance of health	International	15 <sup>th</sup> - 17 <sup>th</sup> November 2018, Mangalore University, Jnanakaveri Post Graduate Centre, Chikka Aluvara, Kodagu-571232, Karnataka, India	India
1	National Conference on Trends in Bioactive Natural Products and Health Care	National	06 <sup>th</sup> and 7 <sup>th</sup> , October 2017, Jnana Kaveri PG Centre, Mangalore University, Kodagu	India
2	National Conference of SOBSICON 2014	National	18 <sup>th</sup> - 20 <sup>th</sup> November 2014, Mangalore University, Mangalagangothri	India
3	National conference on emerging trends in bioprocess and simulations	National	12 - 13, September 2013, PES Institute of Technology, Bangalore	India

### Awards/Recognition

1. **Best paper presentation award** at National conference on recent advances in nano science and technology (NCRNT-13), 3 - 4, May, 2013, at Acharya Institute of Technology, Bangalore, India.
2. **Senior scientist award** at National conference on recent advances in nano science and technology (NCRNT-13), 3 - 4, May, 2013, at Acharya Institute of Technology, Bangalore, India.
3. Fellow Member - Awarded by International Congress of Chemistry and Environment

### Membership of Professional Bodies

1. Life member - Indian Science Congress Association (L-20548)
2. Life member – Society of Biological Chemists (India) (Membership No. 2798)

3. Member - American Chemical Society (ACS) (Account Number: 30176880)
4. Fellow member - International congress of Chemistry and environment
5. Life member - Indian Society of Technical Education

**Any other Information:** Nil