

## CURRICULUM VITAE

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1. **Name:** Dr. Ramesh C.K.



2. **Date of Birth:** 15<sup>th</sup> July 1967

3. **Religion / Nationality:** Hindu / Indian

4. **Address for Communication:**

**Current Address**

Registrar Evaluation  
Davangere University, Shiva Gangotri  
Davangere

**Original Institutional Address**

Professor  
Department of Biotechnology  
Sahyadri Science College  
Kuvempu University  
Shimoga - 577 203  
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## Educational Qualifications

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Name of the Exam	Board/University	Year of Passing	Percentage of Marks	Class Obtained
S.S.L.C. (Class X)	K.S.E.E.B	1983	62.33	First
B.Sc., ( BZS)	Mysore UV	1988	73.40	First
<b>M.Sc.,</b> ( Sericulture )	Mysore UV	1990	70.48	<b>First Rank</b>
<b>M.Sc.,</b> ( Biotechnology)	Kuvempu UV DDE	2006	75.18	<b>First Rank</b>
<b>NET ( SLET)</b>	Govt. of Karnataka	1995	-	-
<b>Ph.D.,</b> ( Sericulture )	Mysore UV	1997	-	-

## Experience

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1. **Research : 25 years** of research experience in Silkworm breeding and genetics and in Plant Biotechnology
2. **Teaching: 28 years** of teaching experience including **15 years** of P.G. teaching.

## Record of service in Kuvempu University from Date of joining as regular teacher

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Stage	Designation	Pay Scale and AGP	Period		Experience	
			From	To	Year	Month
Stage I	Lecturer	Rs. 2200-75-2800-100-4000/-	16-05-1998	15-05-2002	4	0
Stage II	Senior lecture	Rs. 10,000-325-15,200/-	16-05-2002	31-12-2005	3	7
Stage III	Assistant Professor	Rs. 15,600-39,100/- AGP: Rs.7,000/-	01-01-2006	15-05-2010	4	5
Stage IV	Associate professor	1,31,400 to 2,17,100 AGP-9,000/-	16-05-2010	17-07-2018	10	10
Stage V	Professor	1,44,200 to 2, 18, 200 AGP- 10,,000/-	18-07-2018	To till date	07	10

## Awards, Scholarship etc.

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1. National Merit Scholarship, 1988-1990
2. Best out going student award, 1989-1990
3. Jawaharlal Nehru Memorial fund New Delhi Award, 1989-1990
4. Dr. Radhakrishnan Gold Medal Award for outstanding individual achievement and distinguished service in the field of Biotechnology from Global Economic Progress and Research Association, New Delhi (5<sup>th</sup> September 2015).

5. Best Associate Professor Award in recognition of outstanding contributions in the field of Biotechnology in India from the Pearl foundation – a Foundation for Educational Excellence, Madurai, India.
6. Academician of the Year Award in recognition as Honorable Jury mentioned certificate from EETCRS 2018.

### **Title of the Ph.D Thesis**

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Development of Hardy Bivoltine races of Silkworm *Bombyx mori*. L for tropical climates.

### **Research Achievements**

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Two new hybrids (MG 408X NB<sub>4</sub>D<sub>2</sub> & MG 414 X KA) are recommended for commercial exploitation by Race Authorization Committee of Central Silk Board, Govt. of India.

### **Area of Research Specialization**

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- Natural Products, Plant biotechnology, in-silico studies
- Antioxidants, functional foods
- Silkworm breeding and genetics

### **Board Memberships**

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<b>Name of the Board</b>	<b>Nature of Membership</b>
Board of Studies (UG) in Sericulture, University of Mysore	Member, 1998-2001 and 2004-2007
Board of Examinations (UG) in Sericulture, University of Mysore	Member, 2001, 2002 and 2009-10
Board of Examinations (UG) in Sericulture, Kuvempu University	Member, 2002-03, 2003-04, 2005-06
Board of Examinations (UG) in Biotechnology, Kuvempu University	Member, 2004-05, 2005-06, 2006-07, 2007-08, 2008-09, 2009-10, 2010-11
Board of Examinations (UG) in Genetics, Maharani's Science College for Women, Bangalore, Bangalore University	Member, 2004-05
Board of Examinations (UG) in Biotechnology, Mysore University	Member, 2006-07, 2009-10
Board of Studies (UG) in Biotechnology, S.J.V.P. College, Harihar	Member, 2006-07
Board of Studies (UG) in Biotechnology, Shridevi Institute of Engineering and Technology, Tumkur	Member, 2010-11

Board of Examination (UG) in Biotechnology, Yuvarajas College , Mysore, Mysore University	Member, 2006-07, 2008-09
Board of Examinations (UG) in Biotechnology, Sahyadri Science College Shimoga	Member, 2007-08
Board of Examinations (P.G) in Biotechnology, Sahyadri Science College Shimoga	Member, 2007-08,
Board of Examinations (UG) in Biotechnology, Sahyadri Science College Shimoga	Chairman, 2008-2014
Board of Examinations (P.G) in Biotechnology, Sahyadri Science College Shimoga	Chairman, 2008-2013
Board of Studies (UG) in Biotechnology, Sahyadri Science College Shimoga	Chairman, 2008-10, 2010-12, 2013-15
Board of Examinations (UG) in Biotechnology, Kuvempu University, Shankaraghatta.	Chairman, 2011-2012, 2012-13
Academic Council, Sahyadri Science College, Shimoga	Member, 2010-11. 2012-13, 2013-14, 2014-15
Board of Studies (UG) in Biotechnology, Davangere University	Member, 2012-13
Board of Examination, Genetics (UG), Bangalore University	Member 2013-14
Governing Body, Sahyadri Science College, Shimoga	Member, 2014-2015

### **Memberships of Journal Editorial Boards**

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- International Journal of Innovations in Pharmaceutical Sciences. ISSN 2319-5223
- International Journal of Pharma Sciences and Research. ISSN: 0975-9492
- International Current Pharmaceutical Journal. ISSN 2224-9486
- Journal of Research in Biology. ISSN –Print 2231-6280 ; online: 2231-6299
- Indian Journal of Research in Pharmacy and Biotechnology. ISSN – Print: 2321-5674;  
Online:2320-3471
- Mintage Journal of Pharmaceutical and Medical Sciences ISSN – 2320-3315

### **Memberships in Associations**

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- The Society of Biological Chemists, India - Life Member (No. 1614), 2005
- The Indian Science Congress Association, India - Life Member (No. L18644),  
2011

## Administrative Positions

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- Chairman, Dept. of Biotechnology (U.G and P.G) 2008 to 2018. And at present.
- Controller of Examination, Sahyadri Science College (Autonomous), Shimoga 23<sup>rd</sup> Jan 2014 to 3<sup>rd</sup> Jan 2015.
- Dean of Academics, Sahyadri Science College (Autonomous), Shimoga.
- Co-ordinator, UGC Career Oriented - NET/SLET Coaching Programme, Sahyadri Science College (Autonomous), Shimoga.
- NAAC Co-ordinator, Sahyadri Science College (Autonomous), Shimoga.
- Worked as Professor and Chairman at the Department of Bioinformatics, Akkamahadevi's Womens University, Vijayapura, Bijapur.
- Worked as Director Pathways and placement Cell, Sahyadri Arts, Science and Commerce College, Kuvempu University from 02-01-2020 to 14-11-2023

## Present Position

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- Working as Registrar Evaluation, Davangere University, Shivagangotri, Davangere from 15-11-2023 to till date.

## Research Guidance

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### 1. M.Phil: Guided Eight M.Phil Students

Sl. No.	Name of the Student	Title	Status
1.	Nirmala C. Dasar	Raising polyclonal antibodies against proteins of <i>Staphylococcus aureus</i> in Albino Rat - Bharathidasan University.	<b>AWARDED</b> (2007)
2.	Rashmi.T.S.	Screening leaf extract of <i>Chromolena odorata</i> for antimicrobial and allelopathic activity - Vinayaka Missions University.	<b>AWARDED</b> (2007)
3.	Savithramma, G.N.	Screening of antibacterial activity of different extracts of plant <i>Lecuas aspera</i> – Alagappa University.	<b>AWARDED</b> (2007)
4.	Asha S.K.	<i>In vitro</i> studies on antimicrobial, anthelmintic and antioxidant properties of <i>Euphorbia tirucalli</i> L.latex -, Kuvempu University	<b>AWARDED</b> (2008)
5.	Prabha M.N.	Studies on pharmacological Activities of <i>Euphorbia tirucalli</i> L.latex - Kuvempu University	<b>AWARDED</b> (2008)
6.	Roopa R	Extraction of secondary metabolites from pongomia glabra and its antibacterial activity Vinayaka Missions University	<b>AWARDED</b> (2009)

7.	Jamuna. K.S.	Comparative studies of antioxidant property in some common fruits - Kuvempu University.	<b>AWARDED (2011)</b>
8.	Raghu. K.L.	Comparative studies of antioxidant property in some common vegetables - Kuvempu University.	<b>AWARDED (2011)</b>

**2. Ph.D: Awarded 14; Registered: 05**

Sl. No.	Name of the Student	Title	Registration No. & Date
1.	Paramesha M	<i>In vitro</i> multiplication, phytochemical evaluation and screening of pharmacological properties of <i>Safflower</i>	808, 09-02-2006 <b>AWARDED (2010)</b>
2.	Ragavendra S	Biochemical & <i>in vitro</i> propagation studies in two cultivars of <i>Mucuna puriens</i> for the production of active principles	834, 16-01-2006 <b>AWARDED (2010)</b>
3.	Ravishankar	Evaluation of Elite lines for HCA content, phytochemical studies and pharmacological properties of <i>Kokum</i> and <i>Punarpuli</i> in the western ghats of Karnataka	868, 27-04-2006 <b>AWARDED (2013)</b>
4.	Parvathi K M M	<i>In vitro</i> regeneration, phytochemical evaluation and pharmacological studies in <i>Anogeissus latifolia</i>	993, 30-10-2006 <b>AWARDED (2013)</b>
5.	Maruthi Ekbote	Phytochemical and pharmacological studies in <i>Azima tetracantha</i> Lam. And <i>Coculus hirsutus</i>	890, 27-06-2006 <b>AWARDED (2011)</b>
6.	G A Kalyani	Phytochemical investigation and evaluation of Hepatoprotective and antioxidant activity of <i>Desmodium triquetrum</i> L, and <i>Luffa acutangula</i> L, on CCl <sub>4</sub> induced liver damage in rats	135; 23-03-2008 <b>AWARDED (2013)</b>
7.	Nagaraj D	Functional genomics of Drought responsive Genes in pigeon pea, <i>L, Cajanus cajan</i>	170; 18-12-2008 <b>AWARDED (2015)</b>
8.	Vijay Avin B R	Screening and characterization of novel antiangiogenic molecules from <i>Lettsomia elliptica</i> Wight., <i>Ipomea fistulosa</i> and <i>Leea indica</i> Merr.	755; 04-02-2011 <b>AWARDED (2015)</b>
9.	Aditya Rao S J	Evaluation of Phytoconstituents and their Pharmacological activities in some <i>Morus</i> species	BT:02(87); 27-03-2012 <b>AWARDED (2016)</b>

10.	Jamuna K S	Antioxidant and anticancer activities of some cruciferous vegetables	BT:03(88); 27-03-2012 (AWARDED) (2017)
11.	Sameera Parveen	Evaluation of <i>in vitro</i> seed germination potentialities of orchids	19/16-12-2013 (AWARDED) (2019)
12.	Pallavi M	Studies on the phytochemicals of citrus fruits and their therapeutic potentials	15/16-12-2013 (AWARDED) (2019)
13.	Suma M S	Development and characterization of 3D scaffold culture for drug toxicity studies on hepatocytes	23/16-12-2013 (Awarded) (2021)
14.	Mahanthesh Kumar GT	“Phytochemical analysis and evaluation of pharmacological properties of <i>Scolopia crenata</i> (w & a) clos”	PHDBT93821 <b>Awarded 2025</b>
15.	Nethravathi AM	“Studies on phytochemicals and therapeutic benefits of <i>Malpighia emarginata</i> DC. fruits”	PHDBT94020 <b>On going</b>
16.	Kushal Kumar YR	“Development of DNA based diagnostic tools for human oral pathogens”	PHDBT93720 <b>On going</b>
17.	Manjunath KS	Evaluation of Therapeutic potentials of <i>Momordica dioica</i> Roxb. roots	<b>On going</b>
18.	Chandrashekar	Phytochemical evaluation and pharmacological properties of <i>Momordica dioica</i> Roxb. fruits	<b>On going</b>
19.	Aishwarya	Not yet given	<b>On going</b>

## Research Projects

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1. Studies on the *in vitro* seed germination of orchids of Shimoga District-a U.G.C. Minor research project.2006-08 completed. Grants Rs.1, 00,000 (Completed) – **Principal Investigator**
2. Comparative Studies of phytoconstituents and their medicinal properties in different species of Mulberry. UGC Major Research Project. 2009-2012. Grants Rs.10,35,400 (Completed) - **Principal Investigator**

3. Mechanism based validation of novel bioactive compounds from *Helicteres isora* - Role in anti - angiogenic therapy. UGC Major Research Project. 2012-2015. Grants Rs.13,17,800 (Completed) – **Co-investigator**
4. Antioxidant and anticancer activities of some cruciferous vegetables. UGC Major Research Project. 2015-2018. Grants Rs. 14,12,500 (Completed) - **Principal Investigator**

### **Professional Training**

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Undertaken training in Biotechnology at SBL Bangalore from Shreedhar Bhat's Laboratory, Bangalore from 21<sup>st</sup> June 2004 to 10<sup>th</sup> July 2004

### **Conference/ Symposium organized**

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1. Two days UGC sponsored National Symposium on 'Emerging Trends in Biotechnology 20-03-2010 and 21-03-2010, Key note address: Medicine in 2040 by Padmabushana Dr. Bharghava. P.M, Founder Director, CCMB, Hyderabad. Former Vice- Chairman, Knowledge Commission, Govt. of India.
2. State Level Symposium on Treatise on Contemporary Molecular Biology Keynote address: Telomere & Telomerase: Their Implications in Human health & disease Dr. K. Muniyappa, Professor, Department of Biochemistry, IISC, Bangalore
3. One day UGC-CPE sponsored State level workshop on Research Methodology 30-04-2012. Chief Guest: Prof. Syed Akheel Ahmed, Dean, Faculty of Science and Technology, University of Mysore, Karnataka (Former Vice Chancellor, Yenepoya University)
4. UGC, DST and ICMR Sponsored two days National Conference on Biotechnology in Healthcare- Bench to Bedside. 27<sup>th</sup> and 28<sup>th</sup> September, 2013. Key note address: Prof. H A Ranganath, Former Director of NAAC and Former Vice Chancellor, Bangalore University, Bangalore

### **Course Coordinator**

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- **NSS program officer** at Sahyadri Science College, Shimoga from 2001 and 2002.
- **Coordinator for UGC Coaching Programme** for NET and SLET for SC, ST, OBC and Minorities, under XI plan at Sahyadri Science College, Shimoga from 2010 to till date
- **UGC Coordinator** at Sahyadri Science College, Shimoga from 2012 to 2013
- **NAAC Coordinator** at Sahyadri Science College, Shimoga from 2012 to till date

- **UGC - Career Oriented Course Coordinator** at Dept. of Biotechnology, Sahyadri Science College, Shimoga for the course entitled “Micropropagation Techniques for Commercial Crops” for the period 2013-2019, UGC Grants of Rs.10, 00,000.

### **International Visits**

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University of Mauritius, Mauritius, as Visiting Scholar under 4<sup>th</sup> agreement between the Tertiary Education Commission (TEC), Mauritius and the University Grants Commission (UGC) from 5<sup>th</sup> Oct. 2010 - 6<sup>th</sup> Dec 2010.

### **Book Publications**

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1. Jamuna KS, **Ramesh CK**, Comparative studies of antioxidant property in some common fruits, Lambert Academic Publishing, Germany, 2015, 1-136. ISBN: 978-3-659-69927-6.
2. **Ramesh CK**, Introduction to Vaccines, College Book House, Bangalore, 2015, ISBN: 978-9-381-97977-8.
3. **Ramesh CK**, Introduction to recombinant Vaccines, Lulu Publications (2015) ISBN:978-1365-70734-6
4. **Ramesh CK**, Jamuna KS, Cruciferous Vegetables As Super Foods, Educreation publishing, (2017) India,

### **Research Publications**

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1. **Ramesh CK.**, Subramanya G., Sreerama Reddy., (1995) Effect of Ethyl Methane Sulfonate on early age eggs of silkworm *Bombyx mori*, Annals of Entomology, 13(1), 47-50. ISSN No: 0970-3721.
2. **Ramesh CK.**, Subramanya G., Srinivasa Reddy., Sreerama Reddy., (1995) Evolving of a new bivoltine MG 414 of Silkworm *Bombyx mori* through conventional breeding, Ann. Entomol., 13(2), 31-36. ISSN No: 0970-3721.
3. **Ramesh CK.**, Subramanya., (1995-96) Studies of heterosis in the new bivoltine hybrids silkworm *Bombyx mori*, Mysore University Journal, Section - b Science. Vol. No. XXXIV.
4. Raghavendra S., Kumar V., Moinuddin Khan MH\*, **Ramesh CK.**, (2007) Isolation and estimation of L-DOPA in two species of *Mucuna purine* and *Mucuna purieta*, Biochemistry, an Indian Journal TSI, 1(4), 165-168. ISSN No: 0974-7427.

5. Paramesha M., Raghavendra S., **Ramesh CK.**, Manjunatha KS., Prakasha G., (2008) Antibacterial activity of some *Euphorbiaceae* weeds against Pathogens, ICFAI Journal of Life Sciences. 2(2), 36-40. ISSN No: 0973-8487.
6. Prabha MN., **Ramesh CK\*.**, Kuppast IJ., Mankani KL., (2008) CNS Depressant Activity Of *Euphorbia Tirucalli* L.Latex, . Natural products, An Indian Journal. Trade science Inc. 4(2), 117-119. ISSN No: 0974-7508.
7. Prabha MN., **Ramesh CK\*.**, Kuppast IJ., Mankani KL., (2008) Studies on anti inflammatory and analgesic activities in *Euphorbia tirucalli* L. Latex, International journal of Chemical Sciences 6(4), 1781-1787. ISSN No: 0972-768X. Impact Factor: **0.12**
8. Paramesha M., **Ramesh CK\*.**, Krishna V., (2009) Studies on Anthelmintic, Antibacterial and Antiviral activities in Methanol extract from leaves of *Carthamus tinctorius*, Annegeri-2, BIOSCAN 4(2), 301-304. ISSN No: 0973-7043.
9. Paramesha M., **Ramesh CK\*.**, Krishna V., Parvathi KMM., Kuppast IJ., (2009) Antihyperglycemic activity of methanolic extract of *Carthamus tinctorius* L., Annigere-2, Asian J. Exp. Sci. 23(3), 497-502. ISSN No: 0971-5444.
10. **Ramesh CK\*.**, Subramnaya G., (2009) Selection Of Promising Bivoltine Hybrids By MST Analysis, Asian J. Exp. Sci., 23(1), 115-122. ISSN No: 0971-5444.
11. Parvathi KMM., **Ramesh CK\*.**, Krishna V., Paramesha M., Kuppast IJ., (2009) Antihyperglycemic activity of *Anogeissus latifolia* in streptozotocin induced diabetic rats, International journal of Chemical Sciences, 7(3), 1974-1982. ISSN No: 0972-768X. Impact Factor: **0.12**
12. Parvathi KMM., **Ramesh CK\*.**, Krishna V., Paramesha M., (2009) Anthelmintic activity of *Anogeissus latifolia* bark and leaf extracts, Asian J. Exp. Sci., 23(3), 491-495. ISSN No: 0971-5444.
13. Asha SK., **Ramesh CK\*.**, Paramesha M., Srikanth AV., (2009) Evaluation of Anthelmintic and Antimicrobial activities of *Euphorbia tirucalli* L. latex, - Natural products -an Indian journal, Trade science Inc. 5(2), 45-49. ISSN No: 0974-7508.
14. Parvathi KMM., **Ramesh CK\*.**, Krishna V., Paramesha M., (2009) Hypolipidemic activity of gum ghatti of *Anogeissus latifolia*, Phcogmag, 5(11), 11-14. ISSN No: 0973-1296. Impact factor: **1.125**
15. **Ramesh CK\*.**, Subramanya G., (2009) Studies on the manifestations of heterosis in new hybrids, Research and reviews in biosciences, an Indian journal, Trade science Inc. 3(2-3), 99-105. ISSN No: 0974-7532.

16. **Ramesh CK\***, Subramnaya G., (2009) Combining ability of the new bivoltines by line x tester analysis, *Bionature* 29(2), 83-93. ISSN No: 0970-9835.
17. Maruthi T Ekbote., **Ramesh CK\***, Riaz Mahmood., Thippeswamy BS., Veeresh Verapur., (2010) Evaluation of Antipyretic Activity of *Azima tetracantha* Lam. in Rats, *Biotechnology –an Indian journal, Trade science inc* 4(1), 19-22. ISSN No: 0974-7435.
18. Maruthi T Ekbote., **Ramesh CK\***, Riaz Mahmood., (2010) Evaluation of Anthelmintic and Antimicrobial activities of *Azima tetracantha* Lam., *International Journal of pharmaceutical sciences* 2(1), 375-381. ISSN No: 0975-4725. Impact Factor: 1.89
19. Maruthi T Ekbote\*, **Ramesh CK.**, Riaz Mahmood., Thippeswamy BS., Veeresh Verapur., (2010) Anti-inflammatory and analgesic activities of *Azima tetracantha* lam. Leaves, *Journal of Pharmacy Research*, 3(3), 478-481. ISSN No: 0974-6943. Impact Factor: 2.507
20. Maruthi T Ekbote., **Ramesh CK\***, Riaz Mahmood., Thippeswamy BS., Veeresh Verapur., (2010) Hepatoprotective and antioxidant effect of *Azima tetracantha* Lam against CCl<sub>4</sub>- induced liver injury in rats, *IJNPR* 1(4), 493-499. ISSN No: 0976-0504.
21. Raghu KL., **Ramesh CK\***, Srinivasa TR., Jamuna KS., (2010) DPPH scavenging and reducing power properties in common vegetables, *Research Journal of Pharmaceutical, Biological and Chemical Sciences*, 1(4), 399-406. ISSN No: 0975-8585.
22. Jamuna KS\*, **Ramesh CK.**, Srinivasa TR., Raghu KL., (2010) Comparative Studies On DPPH And Reducing Power Antioxidant Properties In Aqueous Extracts Of Some Common Fruits, *Journal of Pharmacy Research*, 3(10), 2378-2380. ISSN No: 0974-6943. Impact Factor: 2.507
23. Jamuna KS., **Ramesh CK\***, Srinivasa TR., Raghu KL., (2011) *In Vitro* Antioxidant Studies In Some Common Fruits, *Fruits International Journal of Pharmacy and Pharmaceutical Sciences*, 3(1), 60-63. ISSN No: 0975-1491. Impact factor: 1.59
24. Raghu KL., **Ramesh CK\***, Srinivasa TR., Jamuna KS., (2011) Total Antioxidant Capacity In Aqueous Extracts Of Some Common Vegetables, *Asian Journal Of Experimental Biological Sciences*, 2(1), 58-62. ISSN No: 0975-5845.
25. Paramesha M., **Ramesh CK\***, Krishna V., Ravi Kumar YS., Parvathi KMM., (2011) Hepatoprotective and *in vitro* Antioxidant activity of *Carthamus tinctorius* L, var

- Annigeri<sup>2</sup>, an yielding crop, against CCl<sub>4</sub> induced liver injury in rats, Pharmacognosy Magazine, 7(28), 289-297. ISSN No: 0973-1296. Impact factor: 1.125
26. Jamuna KS., **Ramesh CK\***, Srinivasa TR., Raghu KL., (2011) Total Antioxidant Capacity In Aqueous Extracts Of Some Common Fruits, IJPSR, 2(1), 72-77. ISSN No: 0975-8232.
27. Raghavendra S\*, Kumar V., **Ramesh CK.**, Parmesha M., Moinuddin Khan MH., (2011) Characterization of Poly Phenol Oxidase in *in vitro* regenerated two Cultivars of *Mucuna*: *Mucuna pruriens* L. and *Mucuna prurita* H., Turkish Journal of Biology, 35, 575-583. ISSN No: 1300-0152; E-ISSN- 1303-6092. Impact factor: 0.914
28. **Ramesh CK\***, Raghu KL., Jamuna KS., Govinden Soulange Joyce., Ranghoo-Sanmukhiya Vijayanti Mala., Vijay Avin BR., (2011) Comparative evaluation of antioxidant property in methanol extracts of some common vegetables of India, Annals of Biological Research, 2(2), 86-94. ISSN No: 0976-1233.
29. **Ramesh CK\***, Rehman., Prabhakar BT., Vijay Avin BR., Aditya Rao SJ., (2011) Antioxidant potentials in sprouts vs. seeds of *Vigna radiata* and *Macrotyloma uniflorum*, Journal Of Applied Pharmaceutical Science 01 (07), 99-103. ISSN No: 2231-3354.
30. Raghavendra S\*, Kumara V., **Ramesh CK.**, Moinuddin Khan MH., (2011) Enhanced production of L-Dopa in cell cultures of *Mucuna puriens* L. and *Mucuna prurita* H., Natural Product Research, 1-10. ISSN No: 1478-6419 print/ 1478-6427 online. Impact Factor: 1.031
31. Kalyani GA\*, Taranalli AD., **Ramesh CK.**, Krishna V., Viswanatha Swamy AHM., (2011) Anti inflammatory and antioxidant activities of *Desmodium triquetrum* DC, Indian journal of Pharmacology, 43(6), 740-741. ISSN No: 0253-7613. Impact Factor: 0.727
32. Kalyani GA\*, **Ramesh CK.**, Krishna V., (2011) Hepatoprotective and antioxidant activity of *Desmodium triquetrum* DC, Indian J. Pharm. Sci., 73 (4), 463-466. ISSN No: 0250-474X. Impact factor: 0.583
33. Kalyani GA\*, **Ramesh CK.**, Krishna V., (2011) Extraction and characterization of *Luffa acutangula var amara* seed oil for antioxidant activity, International Journal of Research in ayurveda and Pharmacy, 2(5), 1593-1594. ISSN No: 2229-3566.
34. Raghavendra S\*, Kumara V., **Ramesh CK.**, Parmesha M., Moinuddin Khan MH., (2012) A preliminary attempt for efficient genetic transformation and regeneration of legume- *Mucuna pruriens* L. mediated by *Agrobacterium tumefaciens*, Turkish

- Journal of Biology, 36, 285-292. ISSN No: 1300-0152; E-ISSN- 1303-6092. Impact factor: 0.914
35. Raghavendra S\*, **Ramesh CK.**, Kumar V., Moinuddin Khan MH., (2012) Elicitors and Precursor Induced Effect on L-Dopa Production in Suspension Cultures of *Mucuna pruriens* L, *Frontiers in Life Science*, iFirst, 1-7. ISSN No: 2155-3769 print/ 2155-3777 online. Impact Factor: 1.471
36. Aditya Rao SJ., **Ramesh CK\***, Kuppast IJ., Riaz Mahmood., Prabhakar BT., (2012) CNS Depressant activity in two species of Mulberry, *Journal of Pharmacy Research*, 5(9), 4879-4880. ISSN No: 0974-6943. Impact factor: 2.507
37. Aditya Rao SJ., **Ramesh CK\***, Kuppast IJ., Riaz Mahmood., Prabhakar BT., (2012) Anthelmintic and antimicrobial activities in some species of mulberry, *International Journal of Pharmacy and Pharmaceutical Sciences*, 4(5), 335-338. ISSN No: 0975-1491. Impact factor: 1.59
38. **Ramesh CK\***, Jamuna KS., Raghavendra., (2012) Concepts and Trends in Functional Foods, *International Journal of Pharmaceutical Research and Development*, 4(06), 273-290. ISSN No: 0974 – 9446.
39. Prabhakar BT., Vijay Avin BR., Aditya Rao SJ., **Ramesh CK.**, (2012) Role of Angiogenesis in Cancer growth. *Proceedings of Kannada Vijnana Sammelana, Karnataka Science Congress organized by Swadeshi Vijnana Andolan, Karnataka and Agricultural University, Dharwad Vijnana Kannada – 8*, pp. 177-180. ISSN No. 2249-5754.
40. Jamuna KS., **Ramesh CK.**, (2012) Antioxidant potentials in some common fruits, *Proceedings of International conference on Recent advances and challenges in Biotechnology*, NMAMIT, Nitte, Karkala, Excel India Publishers, New Delhi, 73-78. ISBN: 978-93-82062-81-3.
41. Parvathi KMM. **Ramesh CK\***, Krishna V, Shankarmurthy K., Kuppast IJ., Shakuntala NM (2013) Hepatoprotective activity of *Anogeissus latifolia* Leaf and Bark Extracts against Carbon tetrachloride induced Hepatotoxicity in rats, *The Bioscan*, 8(2) 649-653. ISSN: 0973-7049
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77. Mahanthesh Kumar G.T, **Ramesh C. K\*** V. Krishna, Sowmyashree A S, Abdul Shafiulla, Pallavi M. Novel Green Synthesis of Silver Nanoparticles Using *Scolopia crenata* Stem Bark Extract: An Endemic Medicinal Plant of India for Biomedical Applications. Vol. 13, Issue,3, pp 9239- 9260. Frontiers in Health Informatics
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79. Mahanthesh Kumar.G.T. T, **C.K. Ramesh, K.** Pradeepa. *In Vitro* Cytotoxicity of Ag (Silver) Nanoparticles Synthesized From (*Aegle marmelos*(L) Correa) Against MCF-7 Cell Lines. Vol. 02, Issue,05, pp.289-0295, may,2020 International Journal of Current Science and Engineering.
80. Nethravathi AM, Aditya Rao SJ, **CK Ramesh\***, YL RamachandraA system biology-based identification of potential biomarker interlinking the effect of anti-diabetic drug, Metformin, on reduced occurrence of hepatocellular carcinoma Journal, Journal of Diabetes & Metabolic Disorders, 2026, Vol 25 (01) pp110, Springer International Publishing.

### Conference/ Seminar/ Workshop attended

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1. National Symposium on **Genes and Human Environment XIX Annual Conference of EMSI** held on 10<sup>th</sup> Feb. 1994 at Dept. of Zoology, Osmania University, Hyderabad.
2. Seminar on **Challenges in 21<sup>st</sup> century in Animal Sciences** held on 10<sup>th</sup> and 11<sup>th</sup> March 2000 at PG Dept of Studies and Research in Applied Zoology, Kuvempu University Shankaraghatta.
3. Workshop on **Biotechnology Practical Experiments** held on 4<sup>th</sup> and 6<sup>th</sup> October 2002 at PG Dept of Studies and Research in Biotechnology, Kuvempu University Shankaraghatta.
4. Workshop on **Innovative Teaching Methodology** held on 12<sup>th</sup> January 2007 at ICFAI, Shimoga.
5. Workshop on **Inter Personal Relationship and Teaching Methodology** held on 15<sup>th</sup> and 16<sup>th</sup> February 2008 at Sahyadri Science College, Shimoga.

6. National symposium on **Biotechnology- Current Trends and Future Scenario** held on 11<sup>th</sup> March 2008 at Dept of PG studies and Research in Biotechnology and Bioinformatics, Kuvempu University, Shankaraghatta.
7. National seminar on **Emerging Areas in Biomedical Sciences** held on 29<sup>th</sup> March 2008 at Dept. of Studies in Biochemistry and Food Technology, Kuvempu University, Shankaraghatta.
8. National Conference on **Environmental Science and Technology for Sustainable Development**, held on 18,19 & 20<sup>th</sup> Jan. 2009 at IQAC Govt. College for Women, Srikakulam, A.P., India.
9. International Conference on **Advances in Biosciences: From Darwin to Dolly & Beyond..** held on 12-14, Feb. 2009 at Dept. of Zoology, Yeshwant Mahavidyalaya, Nanded, Maharashtra, India.
10. State level seminar on **Biodiversity and it's Conservation with Special Reference to Western Ghats** held on 25<sup>th</sup> February 2009 at S.J.V.P College, Harihar.
11. National conference on **Nanochemistry- A Science of Diminished Dimensions** held on 11<sup>th</sup> March 2009 at Sahyadri Science College, Shimoga.
12. **Faculty Development Program** held on 15<sup>th</sup> March 2009 at Sahyadri Science College Shimoga.
13. National level seminar on **Darwin-200, The Origin of Species- 150: Darwinism in Modern Perspective** held on 13<sup>th</sup> March 2009 at DVS College of Arts and Science, Shimoga.
14. National level technical seminar on **Emerging Trends in Biotechnology** held on 16<sup>th</sup> May 2009 at G.M Institute of Technology, Davanagere.
15. National seminar on **Recent Advances and Challenges in Biochemistry and Biotechnology-2009** held on 1<sup>st</sup> and 2<sup>nd</sup> April 2009 at Dept of PG studies and Research in Biochemistry, Kuvempu University, Shankaraghatta.
16. All India Botanical Conference and International symposium on **Diversity of Plants and Microbes Present Scenario** held on 28<sup>th</sup> – 30<sup>th</sup> Dec. 2009 at Dept. of P.G Studies and Research in Applied Botany, Kuvempu University.
17. National Seminar on **Zoology, Life Processes & Nanotechnology** held on 8<sup>th</sup> to 10<sup>th</sup> Feb. 2010 at Dept. of Zoology, Goa University, Goa.
18. National seminar on **Conservation and Sustainable Development of Eco System in Western Ghats** held on 25<sup>th</sup> and 26<sup>th</sup> March 2010 at Sahyadri Science College, Shimoga.

19. State-level seminar on **Analytical Techniques in the Present Scenario** held on 27<sup>th</sup> March 2010 at Sahyadri Science College, Shimoga.
20. Science day celebration programme on **Biodiversity** held on 25<sup>th</sup> February 2010 at Sahyadri Science College, Shimoga.
21. Seminar on **Recent advances in Microbiology** held on 19<sup>th</sup> March 2010 at Sahyadri Science College, Shimoga.
22. Awareness training programme on **Biodiversity Related Issues and People's Biodiversity Register** held at Sahyadri Science College, Shimoga.
23. Workshop on **Through the Instruments-Applications of Analytical Tools** held on 23<sup>rd</sup> March 2011 at Sahyadri Science College, Shimoga.
24. National seminar on **Present Scenario of Microbial Life** held on 28<sup>th</sup> and 29<sup>th</sup> March 2011 at Dept. of P.G Studies and Research in Microbiology, Kuvempu University.
25. **National Science Day-2011**, Participated as resource person in the science awareness programme for high school students held on Jan/Feb 2011 at Sahyadri Science College, Shimoga.
26. State level seminar cum workshop on **Review of Curriculum in Autonomous Colleges** held on 19<sup>th</sup> Feb. 2011 at Sahyadri Science College, Shimoga.
27. National Conference on **Herbal Medicines in the Era of Globalization** held on 10<sup>th</sup> & 11<sup>th</sup> Sept. 2011 at Dept. of Chemistry, Sahyadri Science College, Shimoga.
28. Workshop on **Improving Teaching Methodology** held on 7<sup>th</sup> Oct. 2011 at Sahyadri Science College Shimoga.
29. Workshop on **Basic applications of internet conducted by the instrumentation maintenance facility** unit held on 24<sup>th</sup> and 25<sup>th</sup> Feb. 2012 at Sahyadri Science College, Shimoga.
30. State level symposium on **Contemporary Scenarios in Microbiology** held on 27<sup>th</sup> Feb. 2012 at Sahyadri Science College, Shimoga.
31. National Conference on **Recent Advances in Health, Agriculture and Environmental Biotechnology** held on 11<sup>th</sup>-13<sup>th</sup> 2012 at M S Ramaiah Institute of Technology, Bengaluru.
32. National conference on **National Conference on Biotechnology and Society** on 19-20<sup>th</sup> April 2012 at PG Dept of studies and research in Biotechnology, Kuvempu University, Jnana Sahyadri, Shankaraghatta, Shimoga, Karnataka, India.

33. State level work shop on **Research Methodologies** held on 30<sup>th</sup> April 2012 at Sahyadri Science College, Shimoga.
34. International conference on **Exploration of Biotechnology by Student Scholars and Researchers with a theme Stimulating the Learners for Research in Biotechnology** held on 8<sup>th</sup> and 9<sup>th</sup> June 2012 at Dept. of Biotechnology, Shridevi Institute of Engineering and Technology, Tumkur.
35. International conference on **Recent Advances and Challenges in Biotechnology** on 27-29<sup>th</sup> Dec. 2012 at NMAMIT, Nitte, Karkala Taluk, Udupi District, Karnataka, India.
36. National Seminar on **Role of autonomy and quality assurance in higher education: issues, achievements and challenges** held on 1<sup>st</sup> and 2<sup>nd</sup> Feb. 2013 at Gobi Arts and Science College, Gobichettipalayam, Erode Dist. Tamil Nadu.
37. **Faculty Development Program** held on 16<sup>th</sup> Feb. 2013 at Sahyadri Science College, Shimoga.
38. National Seminar on **Current progress and future prospects in cancer research** on 22 Feb. 2013 at Dept of Biochemistry, Kuvempu University, Jnana Sahyadri, Shankaraghatta, Shimoga, Karnataka, India.
39. National symposium on **Plant Tissue Culture and Biotechnology for Food and Nutritional Security** held on 11-13 March 2013 at CFTRI, Mysore.
40. International conference organized by **Academy of Clinical Embryologists**, Bangalore, 10<sup>th</sup>-11<sup>th</sup> August, 2013
41. **Faculty Development Workshop** held on 25<sup>th</sup> and 26<sup>th</sup> Sept. 2014 at Sahyadri Science College, Shimoga.
42. **Faculty Development Programme on Quality Enhancement in Science Education Curricular and Techno-pedagogical perspectives** held on 16<sup>th</sup> March 2015 at Sahyadri Science College (Autonomous), Shimoga.
43. State level seminar on **Emerging trends in Microbiology : Issues and Challenges** held on 31<sup>st</sup> March 2015 at Dept. of Microbiology, Sahyadri Science College, Shimoga.
44. State level seminar on **Advances in Animal Science** held on 14-03-2015 at Sahyadri Science College (Autonomous), Shimoga.
45. **Faculty Development Program**, 'ICT enabled teaching in higher education' held on 28<sup>th</sup> March 2015 at Sahyadri Science College, Shimoga.
46. State level Workshop on **Academic, Administrative and Environmental Audit**,

held on 11<sup>th</sup> April 2015 at Sahyadri Science College, Shimoga.

47. State level Seminar on **Challenges of Microbes**, held on 4<sup>th</sup> March 2016 at Dept. of PG Studies and Research in Microbiology, Kuvempu University.
48. National Symposium on **Current Trends in Biotechnology Research** held on 31<sup>st</sup> March 2016 at PG Dept of Studies and Research in Biotechnology, Kuvempu University Shankaraghatta.
49. International Conference on **Importance of Herbal Medicine in the Era of Globalization - A Live Demonstration** held at Department of Chemistry, Sahyadri Science College, Shimoga on 21 - 23 December, 2016.
50. International conference on **Advances in cellular, genomic and epigenomic insights on environmental mutagenesis and health** held at School of life sciences, Manipal from 27-29 January, 2017.
51. National conference on **Advances in Biotechnology** held at Unversity College of Science Tumkur University on 29 January 2018.
52. National symposium on **Emerging Trends and challenges in life sciences**, department of Biochemistry, Davangere University, 26 and 27 April, 2019.
53. Department of Studies and Research in Environmental Science, University College of Science, Tumkur University, Tumkur, 03 March 2020.

### Papers presented in conference/seminar/workshop

Sl. No.	Title of the Paper presented	Title of Conference / Seminar	Organiser	International / National/ State/ Regional/College/ University level
1.	Anthelmintic activity of <i>Anogeissus latifolia</i> bark and leaf extracts	Environmental science and technology for sustainable development	IQAC Govt. college for women, Srikakulam, A.P., India	National Conference of National Environmentalists Association, 18,19 & 20, Jan. 2009.
2.	Wound healing activity of Dehydroabietylamine, a isolated constituent from leaves of <i>Carthamus tinctorius</i> L.	Advances in Biosciences: From Darwin to Dolly & Beyond..	Dept. of Zoology, Yeshwant Mahavidyalaya, Nanded, Maharashtra, India	International Conference, 12-14, Feb. 2009.
3.	Elicitors and precursor induced effect on L-Dopa production in suspension cultures of <i>Mucuna pruriens</i> L.	Herbal medicines in the era of Globalization	Dept. of Chemistry, Sahyadri Science College (Autonomous), Shimoga	National Conference, 10 <sup>th</sup> & 11 <sup>th</sup> Sept. 2011.
4.	Evaluation of anti-inflammatory and analgesic activities of <i>Cocculus hirsutus</i> L. Leaves	Zoology, Life Processes & Nanotechnology	Dept. of Zoology, Goa University, Goa	National Seminar, 8 <sup>th</sup> to 10 <sup>th</sup> Feb. 2010.
5.	CNS depressant activity in two species of Mulberry	Recent advances in Health, Agriculture and	Dept. of Biotechnology, M.S	National conference 11 <sup>th</sup> – 13 <sup>th</sup> April, 2012

		Environmental Biotechnology	Ramaiah Institute of Technology, Bangalore	
6.	Tumor inhibitory effect of <i>Ipomea fistulosa</i> leaf against mammary carcinoma cell lines -Role in antiangiogenesis	Biotechnology and Society	Department of Biotechnology and Bioinformatics, Kuvempu University, Shankarghatta	National conference, 19 <sup>th</sup> and 20 <sup>th</sup> April, 2012.
7.	Anthelmintic activities of <i>Morus alba</i> and <i>Morus laevigata</i> leaf extracts	Biotechnology and Society	Department of Biotechnology and Bioinformatics, Kuvempu University, Shankarghatta	National conference, 19 <sup>th</sup> and 20 <sup>th</sup> April, 2012.
8.	Hepatoprotective activity of <i>Luffa acutangula</i> var <i>amara</i> (ROXB) CL fruits in carbon tetra chloride induced hepatotoxicity	Biotechnology and Society	Department of Biotechnology and Bioinformatics, Kuvempu University, Shankarghatta	National conference, 19 <sup>th</sup> and 20 <sup>th</sup> April, 2012.
9.	Anthelmintic and antimicrobial activities in three species of Mulberry	Exploration of Biotechnology by student scholars and researchers	Department of Biotechnology, Shridevi Institute of Engineering and Technology, Tumkur	International conference, 8 <sup>th</sup> and 9 <sup>th</sup> June, 2012
10.	Antioxidant activity in different species of Mulberry	Phytochemicals in Health and Disease Challenges and future opportunities	Dept. of Biochemistry and Biotechnology and Faculty of Marine Sciences, Annamalai University	International conference, 23 <sup>rd</sup> – 25 <sup>th</sup> Jan 2013
11.	Evaluation of Antioxidant and Antimicrobial activity of <i>Muntingia calabura</i>	Biotechnology in Healthcare- Bench to Bedside	Department of Biotechnology, Sahyadri Science College, Shimoga	National conference - 27 <sup>th</sup> & 28 <sup>th</sup> September, 2013
12.	Antioxidant and free radical scavenging activities of Mulberry	Biotechnology in Healthcare- Bench to Bedside	Department of Biotechnology, Sahyadri Science College, Shimoga	National conference - 27 <sup>th</sup> & 28 <sup>th</sup> September, 2013
13.	Angioprevention in tumorigenesis mice by active bio-principals from <i>Lea indica</i> Wight	Biotechnology in Healthcare- Bench to Bedside	Department of Biotechnology, Sahyadri Science College, Shimoga	National conference - 27 <sup>th</sup> & 28 <sup>th</sup> September, 2013
14.	Enzyme - assisted extraction of Zingiber officinale volatile oil	Biotechnology in Healthcare- Bench to Bedside	Department of Biotechnology, Sahyadri Science College, Shimoga	National conference - 27 <sup>th</sup> & 28 <sup>th</sup> September, 2013
15.	<i>in vitro</i> antioxidant activity of <i>Rotula aquatica</i> Lour. Root extracts	Biotechnology in Healthcare- Bench to Bedside	Department of Biotechnology, Sahyadri Science College, Shimoga	National conference - 27 <sup>th</sup> & 28 <sup>th</sup> September, 2013
16.	Investigation of NAC transcription factors in pigeonpea ( <i>Cajanus cajan</i> (L.) Millspaugh)	Biotechnology in Healthcare- Bench to Bedside	Department of Biotechnology, Sahyadri Science College, Shimoga	National conference - 27 <sup>th</sup> & 28 <sup>th</sup> September, 2013
17.	Anti tumor activity of two species of mulberry against eat cell lines of mice	Biotechnology in Healthcare- Bench to Bedside	Department of Biotechnology, Sahyadri Science College, Shimoga	National conference - 27 <sup>th</sup> & 28 <sup>th</sup> September, 2013
18.	New role of lupeol in	An overview of	Department of	National conference -

	reticence of angiogenesis, the cellular parameter of neoplastic progression in tumorigenesis models through altered gene expression	Medicinal values of Plants	Chemistry, Sahyadri Science College, Shimoga	21st April 2014
19.	Screening and molecular mechanism elucidation for the modulation of neovessels formation of three different plants in tumerogenic and non-tumerogenic model system	An overview of Medicinal values of Plants	Department of Chemistry, Sahyadri Science College, Shimoga	National conference - 21st April 2014
20.	<i>In vitro</i> Seed Germination of <i>Dendrobium macrostachyum</i>	Biological products of Crop, Animal and Human Health-Problems and Prospects	Department of studies in Biotechnology, Manasagangotri, Mysore	National conference – 21 and 22 <sup>nd</sup> Aug. 2015
21.	Screening for Antitumor Activity of Cruciferous Vegetables against Dalton's Lymphoma Ascites Cell Line	Biological products of Crop, Animal and Human Health-Problems and Prospects	Department of studies in Biotechnology, Manasagangotri, Mysore	National conference – 21 and 22 <sup>nd</sup> Aug. 2015
22.	Screening of Antitumor and Antiangiogenic Properties of <i>Citrus paradisi</i> peel	Biological products of Crop, Animal and Human Health-Problems and Prospects	Department of studies in Biotechnology, Manasagangotri, Mysore	National conference – 21 and 22 <sup>nd</sup> Aug. 2015
23.	Correlation and Regression Analysis of <i>In vitro</i> Antioxidant Potentials in some Morus species	Biological products of Crop, Animal and Human Health-Problems and Prospects	Department of studies in Biotechnology, Manasagangotri, Mysore	National conference – 21 and 22 <sup>nd</sup> Aug. 2015
24.	Evaluation on antitumor and antiangiogenic properties of <i>Raphanus sativus</i>	Understanding the Molecu Life in the Era of new biolog	Life Science Departments  Davengere University	International Conference  20-22 oct 2016
25.	Review on Medicinal Values of Orchids	Understanding the Molecu Life in the Era of new biolog	Life Science Departments  Davengere University	International Conference  20-22 oct 2016
26.	Indole-3-Carbinol inhibits proliferation of tumor growth and associated angiogenesis	Frontier research in Diversi Taxonomy of medicinal pla	Biological Science Departments Kuvempu University	National Seminar  4 and 5 Nov 2016
27.	Rapid multiplication of Orchids, <i>Aerides maculosum</i> and <i>Vanda testacea</i> through <i>in vitro</i> seed germination	Frontier research in Diversi Taxonomy of medicinal pla	Biological Science Departments Kuvempu University	National Seminar  4 and 5 Nov 2016
28.	Investigation on <i>in vitro</i> antiproliferative activities in Cruciferae vegetables	Imprtance of herbal medici the Era of Globalization	Dept. of Chemistry, Sahyadri Science College, Shimoga	International Conference 21-23 Dec 2016
29.	Rapid multiplication of medicinal important orchid <i>Pholidata pallida</i> through <i>in vitro</i> seed germination	Imprtance of herbal medici the Era of Globalization	Dept. of Chemistry, Sahyadri Science College, Shimoga	International Conference 21-23 Dec 2016
30.	Citrus fruits- Potential source of anti-inflammatory agents	Advances in Biotechnology	Dept. of Biotechnology, University college	National Conference 29 Jan 2018

			of Science, Tumkur University	
31.	Lipid lowering potentials of some Orchids	Advances in Biotechnology	Dept. of Biotechnology, University college of Science, Tumkur University	National Conference 29 Jan 2018

### Refreshers / Orientation Courses Attended

1. UGC sponsored **Refresher course in Biotechnology**, held on 7<sup>th</sup> to 29<sup>th</sup> December 2001, Kuvempu University, Shankaraghatta.
2. UGC sponsored **Refresher course in Life Sciences** held on 28<sup>th</sup> Nov. 2005 to 17<sup>th</sup> Dec. 2005, **Academic Staff College, Himachal Pradesh University, Shimla.**
3. UGC sponsored **Refresher course in Water management and water harvesting**, held on 13<sup>th</sup> to 6<sup>th</sup> December 2006, Dept. of PG studies and Research in Water Management and Water Harvesting, Kuvempu University.

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