

## CURRICULUM VITAE

### DR. ASHAJYOTHI C.

Present address- D/O Harishchandra Chavaan,  
Home number: 1149, "Bhavani Nilaya",  
Raghavendra colony  
Shaktinagar , Raichur (Dist)  
Pin code: 584170  
Email: [ashajyothi1988@gmail.com](mailto:ashajyothi1988@gmail.com)

### PERSONAL PROFILE

Sex : Female  
Date of Birth : 17-07-1988  
Marital Status : Single  
Languages known : English, Hindi,  
Kannada.

Passport Number: J9319406

Mobile: +918123101956

### Objective

To pursue research or work in a prestigious organization, where continuous learning is possible and have opportunity to excel my skills in pursuit of Science and Technology.

### Educational qualification

NAME OF EXAM	BOARD/UNIVERSITY	PERCENTAGE OF MARKS	Class Obtained	Year of Passing
<b>Ph. D</b> (Biotechnology)  *Research Intern	Gulbarga University Gulbarga  National University of Singapore	-	Completed	July 2017  Jan-2016 to May 2016
<b>M.Sc</b> (Biotechnology)	Kuvempu University, Shankaraghatta.	83.6%	Ist class with DN (Gold medalist)	July2011
<b>B.Sc</b> (Chemistry,Zoology, Biotechnology)	L.V.D College Raichur, Gulbarga University	87.5%	Ist class with DN (4 <sup>th</sup> Rank to University)	July2009
<b>PUC</b>	AMES INDP PU College , Pharmacy Col campus, Raichur	63.10%	1 <sup>st</sup> class	Aug2006
<b>SSLC</b>	R.T.P.S. High school Shaktinagar, Dist; Raichur	79.20%	1 <sup>st</sup> class	May2004

## Present position:

- Appointed as **Assistant Professor in Department of Biotechnology, Maharajah's Post Graduate College, Phool Baugh Road, Vizianagaram, Andhra Pradesh, India - 535 002**, on September-2017.
- Worked as Doctoral student (DST-INSPIRE Fellow, SRF) in the Department of Biotechnology, Gulbarga University, Gulbarga, under the supervision of **Prof. Chandrakanth Kelmani**.  
*(Title of the thesis: "Biosynthesis of nanoparticles; its application in combination with Phage and Antibiotics against Multi drug resistant pathogenic Bacteria")*

## Work Experience:

- Worked as Guest lecturer in Department of Biotechnology and Bioinformatics, In KUVEMPUR UNIVERSITY, SHANKARGHATTA-577451, SHIMOGA in the year 2011-2012.
- Worked as a Research Intern under the supervision of **Prof. Cao Tong, Sciences Disciplines, Faculty of Dentistry, National University of Singapore**, from January-2016 to May-2016 on the part of the doctoral proposal entitled with **"Stem cells progenies-potent platform for nanotoxicity Assessment"**.

## Research Projects Handled: (MS and M.Tech students)

1. "Biosynthesis of Zinc oxide Nanoparticles and its Antibiofilm activity in combination with Phage and Antimicrobial against Multidrug resistant bacteria", 2015-16.
2. "Extracellular Bio-synthesis of Silver and Copper Nanoparticles by E. faecalis and its potential applications against multidrug resistant pathogens", 2014-15.

### **Major Research Project Handling:**

*"Synthesis of nanoparticles from Enterococcus sps. And its antibacterial efficiency against clinical pathogens and their biofilms"*, 2013, MRP-MAJOR-BIOT-2013-15248, UGC, New Delhi, under the supervision of Prof. Kelmani Chandrakanth R.

## Research Interest

- **Nanotechnology in Drug delivery**
- **Stem cell biology**
- **Genetic Engineering**
- **Biochemistry**
- **Enzyme biotechnology**
- **Phage therapy**
- **Probiotics**
- **Biomedicals**

## Hands on experience

- **Microbiology:** Preservation and maintenance of pathogenic and nonpathogenic bacterial and Fungal species. Isolation and characterization of bacteriophage, virus purification and titration studies.
- **Molecular biology:** Plasmid and genomic DNA isolation, PCR, RNA isolation, Real Time PCR.
- **Phytocompounds Isolation and Analysis:** Qualitative and Quantitative analysis
- **Spectroscopy and Microscopy:** Worked with Fluorescent microscope, Immunofluorescence and confocal microscopes. Carry out sample preparations in transmission and scanning electron microscopy, XRD, FTIR, NTA and Zeta potential studies.
- **Cell Biology** Cell culture: handling experience with hESC and THP-1 cell lines, Cell Viability and Genotoxicity Assays
- **Immunological studies:** Qualitative and quantitative ELISA.
- **Handling experience** in Mosquito rearing
- **Animal handling:** Animal handling (Rats, Mice,), biological characteristics and data, blood collection and administration of fluids and drugs, immunization (s/c, i/p, i/v), *in vivo* passage of nanoparticles in mice and rabbit and Histological studies.
- **Techniques** SDS-PAGE, Western Blotting, Florescence and UV-Vis spectroscopic methods.

## PG Project

**“Mutational study of Bacillus Sps. For the Production of Lipase and Its Biodetergent Activity”** at Azyme Biosciences Private Limited,, BANGALORE

(**Abstract:** Lipase being a hydrolyze enzyme acts on lipids to give fatty acids and glycerol. Soil microbial isolated were screened for the potential producers of lipase using tributyrin plate method. Wild and MTCC 2617 were inoculated in the production medium

the wild strain was subjected to mutation and the lipase was partially purified by ammonium sulphate precipitation, Dialysis and ion exchange chromatography. The characterization of the both the enzymes from different sources showed optimum activity at 55°C the optimum pH was 9.0 and 7.0 respectively. The enzyme was activated by CaCl<sub>2</sub> and was inhibited by EDTA. The detergent activity of the enzyme in the wild mutant was more compared to MTCC 2617)

## Research Papers

1. Ramachandra YL, **Ashajyothi C** and Padmalatha Rai S 2012. Cardio protective effect of *Aegle marmelos* on isoproterenol induced myocardial infarction in rats. ***International journal of Biology, Pharmacy and Allied sciences*. 1, (5). 718-729.**
2. **Ashajyothi C**, Ramachandra YL, Padmalatha Rai S 2012. Anti-inflammatory properties of *aegle marmelos* extracts by Carageenan induced rat paw edema in rats. ***International Journal of Universal Pharmacy and Life Sciences*. 2(3). 648-655.**
3. Ramachandra YL, **Ashajyothi C** and Padmalatha Rai S 2012. Antioxidant activity of *Alstonia scholarsis* extracts containing flavonoid and phenolic compounds. ***International Journal of Pharmacy and Pharmaceutical Sciences*. 4(3). 424-426. (UGC approved Journal)**
4. Ramachandra YL, **Ashajyothi C** and Padmalatha Rai S 2012. Evaluation of antidiabetic and antipyretic activity of *Butea monosperma (lam)* extracts on rats. ***International Journal of Preclinical and Pharmaceutical Research*, 3(2), 73-78.**
5. **Ashajyothi C**, Y. L. Ramachandra, S. Padmalatha Rai and B.T Kavitha 2012. Hepatoprotective properties of *alstonia scholarsis* against carbon tetra Chloride induced hepatic damage in rats. ***International Journal of Institutional Pharmacy and Life Sciences*. 2(4). 22-30.**
6. Y L Ramachandra, **C. Ashajyothi** and S. Padmalatha Rai. 2012. In Vitro Antibacterial Potential of *Boerhaavia diffusa*. ***International journal of advances in pharmacy, biology and chemistry*, Vol. 1(3), 420-423.**
7. Ramachandra Y.L, **Ashajyothi C** and Rai PS: Analysis of various Metal Ions in some Medicinal Plants using Atomic Absorption Spectrophotometer. ***Int J Pharm Sci Res*, 2012; Vol. 3(7): 2208-2212. (UGC approved Journal)**
8. Yarapa Lakshmikantha Ramachandra ,**Chavaan Ashajyothi** , Satwadi Padmalatha Rai, Supriya Kapil Shetty Thanekar , Shirur Dakappa Shruthi 2013. Antibacterial Activity of Leaf Extracts of *Adhatoda vasica*. ***International Journal of Biomedical and Pharmaceutical science* 7(1), 45-47, Global Science Books.**

9. **Ashajyothi Chavan**, Ramachandra Yarapa Lakshmikantha, Padmalatha Rai Satwadi 2012. A review on antibacterial activity of some medicinal Plants of western ghat. ***World Journal of Pharmaceutical Research*; Vol. 1(4): 964-974. (UGC approved Journal)**
10. BT. Kavitha, CC. Gavimath, C. Ashajyothi and YL. Ramachandra 2012. Evaluation of Central Nervous System Depressant Activity of *Tinospora cordifolia* in Rats. ***International Journal of Pharmaceutical and Chemical Sciences*, Vol. 1 (4); 1369-1373.**
11. **Ashajyothi Chavan**, Ramachandra Yarapa Lakshmikantha and Padmalatha Rai Satwadi 2012. Evaluation of nootropic activity of *Aegle marmelos* extract using different experimental models in rats. ***International Journal of Pharmaceutical, Chemical and Biological Sciences*, 2(4), 538-544.**
12. **Ashajyothi Chavan**, Deepali Chougale, Ramachandra Yarapa Lakshmikantha and Padmalatha Rai Satwadi 2012. Mutational study of *bacillus* species for production, purification and characterisation of lipase. ***International Journal of Pharmaceutical, Chemical and Biological Sciences*, 2(4), 545-551.**
13. Ramachandra YL, **Ashajyothi C**, Sreepadaraja HJ, Padmalatha Rai S 2013. Antimicrobial activity of Citrus rind oil isolated from *Citrus aurantium*. ***International Journal of Pharma World Research*, 4(1), 1-18.**
14. Mansoor Ahmed, Sudeep Venkataramana Hegde, **Ashajyothi Chavan**, Ramachandra Yarapa Lakshmikantha, Kavitha Basavaraj Thimmappanahalli 2012. Evaluation of Hepatoprotective activity of *Vitis vinifera* stem bark. ***Journal of Pharmacy Research*, 5(11), 5228-5230. (UGC approved Journal)**
15. Mansoor Ahmed, **Ashajyothi Chavan**, Ramachandra Yarapa Lakshmikantha, Padmalatha Rai Satwadi, Kavitha Basavaraj Thimmappanahalli 2012. Evaluation of Antidiabetic Activity of *Vitis vinifera* Stem. ***Journal of Pharmacy Research*, 5(11), 5239-5242. (UGC approved Journal)**
16. Y. L. Ramachandra, H. J. Sreepada Raja, H. Gurumurthy, **C. Ashajyothi**, Padmalatha S. Rai 2013. Evaluation of antioxidant activity of *Aerva lanata* and *Boerhavia diffusa* plant extracts in CCL<sub>4</sub> toxicated rats. ***International Journal of Drug Formulation and Research*, 4(1), 1-8. (UGC approved Journal)**
17. Sreepad Jois, Shilpa chandru, **Ashajyothi chavan**, Ramachandra Yarapa Lakshmikantha , Padmalatha Rai Satwadi , 2013. Study on production, purification and characterisation of L-Asparaginase from *Escherichia coli* and *Pseudomonas aeruginosa*, ***International Journal of Pharmaceutical, Chemical and Biological Sciences*, 3(3), 565-570.**
18. R Kelmani Chandrakanth; **C Ashajyothi**; Ajay kumar Oli; C Prabhurajeshwar, 2014, Potential Bactericidal effect of silver nanoparticles synthesized from *Enterococcus species*, ***Oriental Journal of Chemistry*, 30(3), 1253-1262. (UGC approved Journal)**

19. **Ashajyothi C**, Kudsi Jahanara and Kelmani Chandrakanth R, 2014, Biosynthesis and characterization of copper nanoparticles from *Enterococcus faecalis*, **International journal of Pharma and Bioscience**, 5(4), 204-211. **(UGC approved Journal)**
20. **Ashajyothi C**, Manjunath, Rahul Narasanna, Kelmani Chandrakanth R, 2014, Antibacterial activity of Biogenic Zinc oxide nanopaticals synthesized from *Enterococcus faecalis*, **International journal of Chemtech Research**, 6(5), 3131-3136. **(UGC approved Journal)**
21. **Ashajyothi C**, Kelmani Chandrakanth R, 2014, Biological synthesis and characterization of Gold nanoparticles from *Enterococcus faecalis*, **Journal of Bionanoscience**, 8(4), 255-259.
22. **Ashajyothi C**, Manjunath and Kelmani Chandrakanth R, 2015, Prevention of multiple drug resistant bacterial biofilm by synergistic action of biogenic silver nanoparticle and antimicrobials, **J. Microbiol. Biotech. Res.**, 5 (1):14-21.
23. Prabhurajeshwar, Ajay kumar Oli, **C Ashajyothi**, R Kelmani Chandrakanth 2015, Prevalence and antibiotic susceptibility pattern of fluoroquinolone resistant *Shigella* species isolated from infants stool in Gulbarga district, Karnataka, India. **Asian Pacific Journal of Tropical Disease**. 5(1):S116-S120.
24. **Manjunath**, Rahul Kambar, Ashajyothichavan & ChandrakanthKelmani. R, 2016, Influence of vancomycin induced increase cell size in *Staphylococcus aureus*. **European Journal of Biotechnology and Bioscience**. 4(1).
25. Rahul Narasanna, Manjunath Chavadi, **Ashajyoti Chavan**, Kelmani Chandrakanth 2016. PCR identification of *blaTEM* gene mediated for ESBL drug resistance in *Salmonella typhi*. **Research & Reviews: Journal of Microbiology and Virology**, 6(2): 1–6.
26. **Ashajyothi C**, Prabhurajeshwar, Harish K Handral, Kelmani Chandrakanth R, 2016, Investigation of antifungal and anti-mycelium activities using biogenic nanoparticles: an eco-friendly approach. **Envi. Nanotech, Mointoring and Mang.** <http://dx.doi.org/10.1016/j.enmm.2016.04.002>, 5-81:87.
27. Ashajyothi C, Harish K Handral, Nileshkumar Dubey, Kelmani Chandrakanth R, 2016, Antibiofilm activity of biogenic copper and zinc oxide nanoparticles-antimicrobials collegiate against multiple drug resistant bacteria: a nanoscale approach. **J Nanostruct Chem**. DOI 10.1007/s40097-016-0205-2. 6(4), 329-341.
28. Kumara Hegde B A, **Ashajyothi C**, Padmalatha Rai S , Ramachandra Y L, 2017, Outlook on pollution effect and potential bioremediation pathways to overcome contamination problems on river nethravathy of dakshina kannada district, Karnataka, India. **Research Journal of Chemistry and Environment (Accepted)**.

29. **Ashajyothi C**, Handral Harish K, Gopu Sriram, W S F Wong, S R Niranjana , Kelmani Chandrakanth R and Tong Cao, 2017, *In vitro* toxicity assessment of biogenic nanoparticles on human embryonic stem cell derived epidermal lineages (**Under review**).
30. Harish KHandral, **C. Ashajyothi**, Nileshkumar Dubey, Gopu Sriram, Chandrakanth R Kelmani, Wei Seong Toh, Vinicius Rosa and Tong Cao, 2017, Human embryonic stem cell derived fibroblast lineages for screening metal oxide nanoparticles (**Under review**).
31. **Ashajyothi C** , Md. Liyakat Ahmed and R. Kelmani Chandrakanth, 2017, A pilot toxicology study of Biogenic silver nanoparticles: *in vivo* by Intraperitoneal and Intravenous infusion routes in rats (**Under review**).
32. **Ashajyothi C** and R. Kelmani Chandrakanth, 2017, A comparative *in vivo* scrutiny of Biosynthesized Copper and Zinc oxide nanoparticles by Intraperitoneal and Intravenous administration routes in rats (**Under review**).

## Citations



**Dr. Ashajyothi Chavan**

Research Intern, National University of Singapore. Research Scholar, Department of Biotechnology  
[Phytopharmacology](#), [Nanobiotechnology](#), [Medical biotechnology](#), [Stem cell Biology](#)  
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<input type="checkbox"/>	Title	<a href="#">Add</a>	<a href="#">More</a>	1-20	Cited by	Year
<input type="checkbox"/>	<a href="#">Potential Bactericidal effect of silver nanoparticles synthesized from <i>Enterococcus</i> species,</a>				16 *	2014
	RK Chandrakanth, C Ashajyothi, A Oli, C Prabhurajeshwar Oriental Journal of Chemistry 30 (3), 1253-1262					
<input type="checkbox"/>	<a href="#">Biological synthesis and characterization of gold nanoparticles from <i>Enterococcus faecalis</i></a>				9	2014
	C Ashajyothi, RK Chandrakanth Journal of Bionanoscience 8 (4), 255-259					
<input type="checkbox"/>	<a href="#">Biosynthesis and characterization of copper nanoparticles from <i>Enterococcus faecalis</i></a>				9	2014
	Ashajyothi C, Kudsi Jahanara and Kelmani Chandrakanth R International journal of Pharma and Bioscience, 5 (4), 204-211					
<input type="checkbox"/>	<a href="#">Antibacterial Activity of Biogenic Zinc oxide Nanoparticles synthesised from <i>Enterococcus faecalis</i></a>				8 *	2014
	Ashajyothi C1 , Manjunath1, Rahul Narasanna1, Kelmani Chandrakanth R1* International Journal of ChemTech Research 6 (No.5), 3131-3136					
<input type="checkbox"/>	<a href="#">Antioxidant activity of <i>Alstonia scholaris</i> extracts containing flavonoids and phenolic compounds</a>				6	2012
	YL Ramachandra, C Ashajyothi, RS Padmalatha Int.J.Pharm.Pharma.Sci 4 (3): 424-6					



Citation indices	All	Since 2012
Citations	82	81
h-index	5	5
i10-index	1	1



**Co-authors** [Edit...](#)

[Dr. Padmalatha Rai S](#)

[Dr Ramachandra Y L](#)

[Dr.HARISH HANDRAL](#)

[ckelmani R](#)

[Nileshkumar Dubey](#)

[MUHAMMAD SAAD AHMED, PhD Sch...](#)

## Research Paper published in the proceedings of the seminar/ conferences/ symposium

1. **Ashajyothi.C**, Deepali Chougale and Ramachandra YL, presented a poster on “Mutational study of *Bacillus* Sps. For the Production of Lipase and Its Biodetergent Activity” at National Conference on “Biotechnology and Society NCBS-2012” by Department of Biotechnology and Bioinformatics, Kuvempu University, Jnana sayhadri, Shankaraghatta on 19<sup>th</sup> and 22<sup>th</sup> April 2012.
2. **Ashajyothi C**, oral presentation on “Potential bactericidal effect of Silver nanoparticle synthesized from *Enterococcus species*” at two days National level seminar sponsored by UGC on “Innovative technology for sustainable development” held on 22<sup>nd</sup> and 23<sup>rd</sup> Febraury 2014 organized by Department of Zoology, Akka Mahadevi Mahila Mahavidyalaya, Bidar.
3. **Ashajyothi. C**, Manjunath, Rahul Narasanna, Prabhurajeshwar C, Kelmani Chandrakanth R, presented a poster on “Extracellular biosynthesis of silver nanoparticles using *Enterococcus species* and their antibacterial activities” at two days National seminar on “Applications of biotechnology in Human welfare” by Deaprtment of studies in Microbilogy, Davangere University, Davangere on 28<sup>th</sup> and 29<sup>th</sup> March 2014.
4. **Ashajyothi. C**, Manjunath, Rahul Narasanna, Prabhurajeshwar C, Kelmani Chandrakanth R, presented a poster on “Nanotechnological approach for exploring Synergistic Antibiofilm activity of Biogenic silver nanoparticles against Multidrug Resistant Bacteria’s with antimicrobials” 7th Annual KSTA conference 2015 hosted by The Oxford College of Science, At Oxford College of Science, Bangalore on 5<sup>th</sup> and 6<sup>th</sup> Febuary 2015 (Honored with appreciation prize).
5. **Ashajyothi. C** and Kelmani Chandrakanth R, presented a poster on “Efficacy of Biogenic nanoparticles as an antifungal and mycelium growth inhibitor against Fungi; An *in vitro* syudy ” 8<sup>th</sup> Annual KSTA conference 2015 hosted by Bangalore Institute of Technology, Bangalore on 5<sup>th</sup> and 6<sup>th</sup> November 2015.
6. **Ashajyothi C**, presented a poster on “Prevalence and Antibiotic susceptibility of Fluroquinolones resistant *Shigella species* isolated from infants stool in Gulbarga distric, North part of Karnataka, India” 8<sup>th</sup> Annual KSTA conference 2015 hosted by Bangalore Institute of Technology, Bangalore on 5<sup>th</sup> and 6<sup>th</sup> November 2015.
7. **Ashajyothi C**, Oral presentation on “*In vitro* toxicity assessment of Biogenic nanoparticles on Human embryonic stem cells derived epidermal lineages” at Two days seminar for Research scholars (Faculty of Science and Technology), Gulbarga University, Kalaburagi, held on 9<sup>th</sup> and 10<sup>th</sup> February 2017.

## **Software proficiency:**

MS-Office 7 and 10, Windows XP and Vista, Open office, Adobe Photoshop, DNA and Protein sequence Analysis, Phylogenetic tree, multiple sequence alignment (ClustalW).

## **Extra co-curriculum**

- Demonstrated the advanced techniques in “Nanobiotechnology” in UGC Sponsored Five days Workshop on “Hands on Training on Advanced Techniques in Biotechnology”. Department of Biotechnology, Gulbarga University, Kalaburagi on 7<sup>th</sup> to 11<sup>th</sup> June 2017.
- Participated in Faculty Development Programme on “Recent Advances in Immuno Molecular Diagnostics”. Government of Karnataka, Vision group on Science and Technology, Department of IT, BT and S & T in association with the Oxford college of Science and Aristogene biosciences, Bangalore held between 9<sup>th</sup> to 12<sup>th</sup> January 2013.
- Participated in Two days KSTA Regional conference on Science and Technology for development on 30<sup>th</sup> and 31<sup>st</sup> January 2014.
- Participated in Special lecture series on Advances in Bio-sciences for Post graduate students, Sponsored by Karnataka Science and Technology Academy, Bangalore, organized by the Department of Botany, Gulbarga University, Gulbarga from 10<sup>th</sup> to 12<sup>th</sup> March 2014.
- Two Days National Seminar on “Present Scenario of Microbial Life”. Department of P.G. Studies and Research in Microbiology, Jnana sahyadri, Shankarghatta-577451.
- National level Seminar on “Bio-IT” computing code of life. Department of Biotechnology, GM Institute of Technology, Davangere-577006.
- National workshop on “Usage of Instruments for Nanotechnology Applications”. In association with SINSIL INTERNATIONAL, Bangalore. Department of Nanoscience and Technology and Department of Industrial Chemistry, Jnana sahyadri, Shankarghatta-577451.
- State Level Symposium “Treatise on Contemporary Molecular Biology” Department of Biotechnology, Sahyadri Science College (AUT), Shimoga.

## Journals with Impact factor and Indexing

Article with Journal name	Year	Impact Factor	Indexing sources
Ramachandra YL, <b>Ashajyothi C</b> and Padmalatha Rai S 2012. Cardio protective effect of <i>Aegle marmelos</i> on isoproterenol induced myocardial infarction in rats. <b><i>International journal of Biology, Pharmacy and Allied sciences.</i></b>	2012	---	<b>Thomson Reuters</b>
<b>Ashajyothi C</b> , Ramachandra YL, Padmalatha Rai S 2012. Anti-inflammatory properties of <i>aegle marmelos</i> extracts by Carageenan induced rat paw edema in rats. <b><i>International Journal of Universal Pharmacy and Life Sciences</i></b>	2012	---	<b>Index Copernicus</b>
Ramachandra YL, <b>Ashajyothi C</b> and Padmalatha Rai S 2012. Antioxidant activity of <i>Alstonia scholarsis</i> extracts containing flavonoid and phenolic compounds. <b><i>International Journal of Pharmacy and Pharmaceutical Sciences</i></b>	2012	0.49	<b>Index Copernicus, UGC approved</b>
Ramachandra YL, <b>Ashajyothi C</b> and Padmalatha Rai S 2012. Evaluation of antidiabetic and antipyretic activity of <i>Butea monosperma (lam)</i> extracts on rats. <b><i>International Journal of Preclinical and Pharmaceutical Research</i></b>	2012	---	<b>Index Copernicus</b>
<b>Ashajyothi C</b> , Y. L. Ramachandra, S. Padmalatha Rai and B.T Kavitha <b>2012</b> . Hepatoprotective properties of <i>alstonia scholarsis</i> against carbon tetra Chloride induced hepatic damage in rats. <b><i>International Journal of Institutional Pharmacy and Life Sciences.</i></b>	2012	0.47	---
Y L Ramachandra, <b>C. Ashajyothi</b> and S. Padmalatha Rai. 2012. In Vitro Antibacterial Potential of Boerhaavia diffusa. <b><i>International journal of advances in pharmacy, biology and chemistry</i></b>	2012	---	---

Ramachandra Y.L, <b>Ashajyothi C</b> and Rai PS: Analysis of various Metal Ions in some Medicinal Plants using Atomic Absorption Spectrophotometer. <i>Int J Pharm Sci Res</i> , <b>2012</b>	<b>2012</b>	<b>1.11</b>	<b>Thomson Reuters</b>
BT. Kavitha, CC. Gavimath, C. Ashajyothi and YL. Ramachandra 2012. Evaluation of Central Nervous System Depressent Activity of <i>Tinospora cordifolia</i> in Rats. <i>International Journal of Pharmaceutical and Chemical Sciences</i> ,	<b>2012</b>	---	---
<b>Ashajyothi Chavan</b> , Ramachandra Yarapa Lakshmikantha, Padmalatha Rai Satwadi 2012. A review on antibacterial activity of some medicinal Plants of western ghat. <i>World Journal of Pharmaceutical Research</i>	<b>2012</b>	---	<b>Index Copernicus</b>
<b>Ashajyothi Chavan</b> , Ramachandra Yarapa Lakshmikantha and Padmalatha Rai Satwadi <b>2012</b> . Evaluation of nootropic activity of <i>Aegle marmelos</i> extract using different experimental models in rats. <i>International Journal of Pharmaceutical, Chemical and Biological Sciences</i>	<b>2012</b>	<b>0.478</b>	<b>Index Copernicus</b>
<b>Ashajyothi Chavan</b> , Deepali Chougale, Ramachandra Yarapa Lakshmikantha and Padmalatha Rai Satwadi <b>2012</b> . Mutational study of <i>bacillus</i> species for production, purification and characterisation of lipase. <i>International Journal of Pharmaceutical, Chemical and Biological Sciences</i> ,	<b>2012</b>	<b>0.478</b>	<b>Index Copernicus</b>
Mansoor Ahmed, Sudeep Venkataramana Hegde, <b>Ashajyothi Chavan</b> , Ramachandra Yarapa Lakshmikantha, Kavitha Basavaraj Thimmappanahalli 2012. Evaluation of Hepatoprotective activity of <i>Vitis vinifera</i> stem bark. <i>Journal of Pharmacy Research</i> .	<b>2012</b>	<b>2.5</b>	<b>Scopus, Index Copernicus, UGC approved</b>
Mansoor Ahmed, <b>Ashajyothi Chavan</b> , Ramachandra Yarapa Lakshmikantha, Padmalatha Rai Satwadi, Kavitha Basavaraj Thimmappanahalli 2012. Evaluation of Antidiabetic Activity of <i>Vitis vinifera</i> Stem. <i>Journal of Pharmacy Research</i> ,	<b>2012</b>	<b>2.5</b>	<b>Scopus, Index Copernicus, UGC approved</b>

Yarapa Lakshmikantha Ramachandra , <b>Chavaan Ashajyothi</b> , Satwadi Padmalatha Rai, Supriya Kapil Shetty Thanekar , Shirur Dakappa Shruthi 2013. Antibacterial Activity of Leaf Extracts of <i>Adhatoda vasica</i> . <b><i>International Journal of Biomedical and Pharmaceutical science</i></b>	<b>2013</b>	<b>0.93</b>	<b>Thomson Reuters</b>
Ramachandra YL, <b>Ashajyothi C</b> , Sreepadaraja HJ, Padmalatha Rai S 2013. Antimicrobial activity of Citrus rind oil isolated from <i>Citrus aurantium</i> . <b><i>International Journal of Pharma World Research</i></b>	<b>2013</b>	---	---
Y. L.Ramachandra, H. J. Sreepada Raja, H. Gurumurthy, <b>C. Ashajyothi</b> , Padmalatha S. Rai <b>2013</b> . Evaluation of antioxidant activity of <i>Aerva lanata</i> and <i>Boerhavia diffusa</i> plant extracts in CCL <sub>4</sub> toxicated rats. <b><i>International Journal of Drug Formulation and Research</i></b> ,	<b>2013</b>	---	<b>Index Copernicus</b>
Sreepad Jois, Shilpa chandru, <b>Ashajyothi chavan</b> , Ramachandra Yarapa Lakshmikantha , Padmalatha Rai Satwadi , 2013. Study on production, purification and characterisation of L-Asparaginase from <i>Escherichia coli</i> and <i>Pseudomonas aeruginosa</i> , <b><i>International Journal of Pharmaceutical, Chemical and Biological Sciences</i></b> ,	<b>2013</b>	<b>0.478</b>	<b>Index Copernicus</b>
<b>Chandrakanth R K</b> , Ashajyothi C, Oli A. K, Prabhurajeshwar C. Potential Bactericidal Effect of Silver Nanoparticles Synthesized from Enterococcus Species. <b><i>Orient J Chem</i></b>	<b>2014</b>	<b>0.43</b>	<b>Scopus, Index Copernicus, Thomson Reuters, UGC approved</b>
Ashajyothi C, Kudsi Jahanara and <b>Kelmani Chandrakanth R</b> , Biosynthesis and characterization of copper nanoparticles from <i>Enterococcus faecalis</i> . <b><i>International journal of pharma and bio sciences</i></b> ,	<b>2014</b>	<b>0.34</b>	<b>Scopus, UGC approved</b>
Ashajyothi C, Manjunath, Rahul Narasanna , <b>Kelmani Chandrakanth R</b> , Antibacterial Activity of Biogenic Zinc oxide Nanoparticals synthesised from <i>Enterococcus faecalis</i> , <b><i>International Journal of ChemTech Research</i></b>	<b>2014</b>	<b>0.59</b>	<b>Scopus, UGC approved</b>

Ashajyothi C, Kelmani Chandrakanth R, 2014, Biological synthesis and characterization of Gold nanoparticles from <i>Enterococcus faecalis</i> , <b><i>Journal of Bionanoscience</i></b> ,	2014	---	Scopus
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## **Declaration**

I hereby declare that information furnished above is true and correct to the best of my knowledge and belief.

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