

Academic Profile of Dr. (Mrs). Veena Kumara Adi

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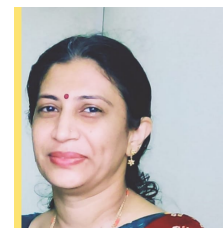
Research gate https://www.researchgate.net/profile/Veena_Adi

MSc -Environmental Science- Gold Medallist

PhD- CFTRI, Mysore

PostDoc -IISc Bangalore

PostDoc -IIT- bombay



1. Professional track.

Teaching.

- **Associate Professor** (May 2021 – till date) Dept of Biotechnology, Bapuji Institute of Engg and Technology (BIET) Davangere, Karnataka. www.biet.dvg.edu
- **Associate Professor and HOD** (Jan 2021- April 2021), Dept of Biotechnology, BIET, Davangere, Karnataka.
- **Associate Professor** (Dec 2014- Dec 2000), PG Dept of Environmental Sciences, Civil Engineering Dept, BIET, Davangere, Karnataka.
- **Assistant Professor** : (Aug 2012 – Nov 2014) Civil engineering Dept, BIET, Davangere, Karnataka.
- **Assistant Professor** : (Nov 2006 – August 2012) Dept of Biotechnology, BIET, Davangere, Karnataka.
- **Visiting Professor:** (August 2004 - Nov 2006), Padmashree Dr. D Y Patil Institute of Biotechnology and Bioinformatics, CBD Belapur, Navi Mumbai.
- **Senior Lecturer:** (August 2003 - August 2004) Padmashree Dr D Y Patil Institute of Biotechnology and Bioinformatics, Nerul, Navi Mumbai.
- **Guest Lecturer** : (Dec 1993-July 1994) for post graduates (M.Sc) of Department of Environmental Science & Department of Life Sciences, **Kuvempu University**, Karnataka

Research:

IAS-Summer trainee (May 2011- July 2011), with **Dr. Sowdhamini**, NCBS-TIFR, Bangalore. http://web.japps.ias.ac.in:8080/srfp2011/SelectedList.jsp?col=First_Name&sub=Lif&searchtxt=veena

DBT- Post Doctoral Fellow: (May 2001- July 2003), with **Prof. Dulal Panda**, Molecular cell biology lab, Center for biotechnology, **IIT Bombay, Mumbai**. Project work “Molecular mechanism of action of Antiangiogenic drug 2-methoxyestradiol” <http://www.bio.iitb.ac.in>

CSIR-Research Associate: (June 1999 – September 2000) with **Dr. Ram Rajasekharan**, Dept of Biochemistry, **IISc, Bangalore**. Project worked on 'Isolation of lysophosphatidyle acylcholine transferase by photo-radio labeling technique'. <http://biochem.iisc.ernet.in/>

CSIR-Senior Research fellow: (Jan 1996 - May1999) with **Dr. NGK Karanth**, Dept of Pesticide infestation and Control, **CFTRI, Mysore**. Project worked on 'Fermentation studies on the production of pesticide specific biosurfactant for residue contamination in food'. <http://www.cftri.com/>

DBT- Junior Research Fellow: (June 1994- Jan 1996) with **Dr. NGK Karanth**, Dept of Pesticide infestation and Control, **CFTRI, Mysore**. Project worked on 'Microbial Biosurfactants'. <http://www.cftri.com/>

2.	Awards and honors:
	<ul style="list-style-type: none"> • Dale Carnegie certification (2012) on High impact teaching skills. • Indian Academy of Science awarded Summer Research Fellowship (2011) programme for teachers with Dr. Sowdhamini at TIFR- NCBS, Bangalore • DBT-Post Doctoral Fellowship awarded by Govt of India 2001. • CSIR-Senior Research Fellowship (SRF) Awarded by Govt. of India • DBT- Junior Research Fellowship award from National environmental Engineering research Institute NEERI (premier CSIR lab), Nagpur, but declined to join. • GATE (Graduate Aptitude Test in Engineering) conducted by IIT, Bombay - qualified • First Rank in M.Sc (Environmental Sciences) Degree, Kuvempu University, Karnataka, • University Gold Medal from Kuvempu University. • Merit Scholarship for consecutive 2 years by Kuvempu University, Govt. of Karnataka. • DG- CSIR Dr. RA Mashelkar appreciation certificate for an outstanding, imaginative showcase on Biosurfactant during the CFTRI showcase 1997.
3.	Distinction and recognition:
	<ul style="list-style-type: none"> • Design your destiny (2018) competition: Mentored a project on Bio-concrete which was shortlisted upto Zonal level (pre-final level) and own cash prize at state level competition co-organized by Skill India, National Skill Development corporation, CADD Centre etc. • Cardiopam - that senses the heart: Mentored a 3D design model project which was short-listed for The Autodesk Inventor Student Design Competition (2011) co-organized by Indian Institute of Technology Madras in association with Autodesk, academic & industry partners from mechanical engineering & related disciplines to digitally design assistive and rehabilitation devices for people with any form of impairment. • Convenor (2002-2004) during the inception of the UG and PG course), Board of studies for - Design of curriculum and framing of syllabi and evaluation methods for B.Tech and M.Tech Biotechnology and Bioinformatics, DY Patil Deemed university, Navi Mumbai.
4.	Academic credentials:
	<ol style="list-style-type: none"> 1. Member, Editorial Board “Research Journal of BioTechnology” Indore, INDIA. 2. Referee, for several national and international high indexed journal, including Elsevier, Springer to name a few “Journal of Biotechnology” Elsevier, USA; “Journal of Environmental Management” Elsevier, USA; “Journal of Microbiology” Springer 233, USA 3. Consultant Biotechnologies, Alaknanda Ghaati Shilpi Federation India http://aagaas.org 4. Association of Microbiologist India, Life Member 5. Society of Biological Chemist, Life Member 6. ISTE Life Member

5. Academic - pedagogical exposure

Presently offering BE Biotechnology course on

Molecular Biology (4th Sem), Regulatory affairs in Biotech industry (8th Sem)

PhD: Reviewed and evaluated thesis of Mysore university and CSIR-CFTRI.

Courses offered to PG Students M Tech Environmental Engg (2012 -2021)

M Tech Biotechnology and Bioinformatics (2003-2006)

Concepts of Biotech	Advanced Molecular biology	Fermentation technology
Protein Purification	Advanced Microbiology	Environ. Impact Assessment
Biological techniques	Advanced Genetics	Air pollution & control
Applied chemistry	Applied Microbiology	Non Point Source pollution

Course taught to UG Students BE Civil Engineering (2012 to 2021)

BE –Biotechnology (2003-2021)

Biomolecules	Agricultural Biotechnology	Mgm & entrepreneurship
Biochemistry	Downstream tech	Project Management & IPR
Structural biology	Genetic engg & application	Biokinetics & enzyme tech lab
Enzyme technology	Genomics & proteomics	Environmental Engineering Lab
Upstream process tech	Cell biology and Genetics	Bioinformatics lab and
Molecular biology	Lab to industrial scaling	Genetic engg lab
Microbiology	Microbial BT	Biochemistry lab
Food Biotechnology	Solid waste management	Cell & molecular biology lab
Environmental BT	Clinical & pharma biotech	

Examiner ship of university / academic bodies: As paper setter and evaluator (both theory and practical exams) for UG, PG and Ph.D course of the following universities.

- Padmashree Dr DY Patil Vidyapeeth Deemed University, Mumbai. Maharashtra, India.**
- BVB, Hubli,**
- MSRIT, Bangalore**
- Visvesvaraya Technical University (VTU), Belgaum, Karnataka, India**
- Mysore University, Mysore, Karnataka, India**

Area of expertise:

Extensive experience in rational/statistical design of experiments related to fermentation media optimization and process improvement - scale-up and scale-down experiments with regard to time management, strategic planning, decision making, standardizing, performing and troubleshooting - different techniques for the detection and remediation of environmental contaminants. Expertise in microbial production of metabolites with analytical techniques necessary for monitoring fermentation performance, down stream protein purification, protein analysis, HPLC and GC.

- **Protein chemistry:** Expression, analysis purification and, characterization.
- **Molecular biology :** DNA/plasmid extraction, analysis, cloning, PCR.
- **Microbiology:** Aseptic techniques, isolation & characterization of bacterial strains, enrichment studies, Radiolabeling techniques.
- **Fermentation technology :** SSF, Smf, shake flasks; handling and trouble shooting of lab & pilot plant fermenters (stirred tank), packed column Bioreactors (– SSF)
- **Environmental biotechnology:** Biodegradation; bioremediation of xenobiotics.
- **Bioinformatics:** Homology modeling and drug docking,

6.	<p>Selected Recent Workshops attended</p> <ul style="list-style-type: none"> • AICTE Training and Learning (ATAL) Academy, AICTE sponsored five day workshop organized by MCA Dept and Dept of E and IE, UBDTCE, Davangere during 28th September to 2nd October 2020 • “Immunity enhancing Medicinal Plants to combat Covid-19 pandemic with special reference to Siddha System” Webinar conducted by Mount Carmel Autonomous college on June 4th 2020. • CE & QIP short term course on “Laboratory and Ergonomic Safety for Engineers” between 10th -14th June 2019 at IIT Bombay. • “Recent Trends in Environmental Impact Assessment- Process and Procedures (RTEIA-PP)” three day FDP programme organized by BIET and KSPCB, Institution of Engineers, Davanagere between 17th Jan to 19th Jan 2019. • “Human Body as a complex system” on 12th August 2014 at IISc Bangalore • “Safeguarding of Intellectual Property Rights” in Oct 2012 at NAL, Bangalore.
7.	<p>Selected Invited talk in workshop/symposium/conference /resource person</p> <ol style="list-style-type: none"> 1. On “Role of Bioinformatics in Cancer Treatment” under AICTE Training and Learning (ATAL) Academy, AICTE sponsored five day workshop organized by MCA Dept and Dept of E and IE, UBDTCE, Davangere during 28th September to 2nd October 2020. 2. Invited by Dept of Biotechnology, MSRIT as subject expert to suggest/observe/comment and review its BE Biotechnology curriculum – March 2016. 3. As resource person to frame On “Best Management Practices to handle water pollution”, at Hamara Jal Hamara jeeva, a nationwide programme, organized by Dept of irrigation, at DC office Davangere on February 7th 2015. 4. On “Bioinformatics aiding Health Care” : At Faculty Development programme (FDA 2014) organized by Electronics and Instrumentation Department, University BDT college of Engineering, Davangere during 23rd -26th July 2014. 5. “Inspiration -2013, an inter college youth fest, organized by Davan institute of Advanced management studies, as jury member for cultural event. 6. On “Homology Modelling of beta tubulin”: At a National Seminar on “Intelligent computing in Biological Sciences (ICIBS 2012)” organized by Padmashree Dr. D Y Patil University, Navi Mumbai. 19th - 20th March 2012. 7. On”Nurseinformatics” at by Bapuji Institute of Nursing, Dvg on 2nd May 2012. 8. On Molecular biology and Genetic Engineering: A series of lectures at KLE Engineering College (M Tech Bioinformatics) during Dec 2011. 9. On Modelling Biomolecules”: At 6th International conference on Hands-on science (HSCI 2009) Science for all (Hsci2009.org.in): Quest for excellence” held at Science city, Ahmedabad, (Gujarat) India. 10. On “Tubulin and their inhibitor”: At a National conference on Diabetes and Cancer, at Annamalai University during Dec 2009. Tamilnadu, India.
8.	<p>R & D project - awarded 15.85 Lakhs under Research Grant Opportunity UGC-MRP.</p> <p>Other proposals submitted – to several funding agencies viz., AICTE –RPS, DST’s Indo-Australia Early Career visiting fellowship, Women scientist scheme, (wos-a) Vision Group on Science & Tech (VGST), Bio-care, BRNS (Regular Research Project), Environmental Research Programme - R&D scheme MOEF, Call for concept note in waste management technologies (DST). Attempting to raise funds.</p>

9. Selected Research Publication:

A. Peer reviewed international journals:

1. K. Suchitra and **Veena Kumara Adi***(2021) Reclamation of Abandoned Mine Soil Using Biosurfactant. *International Journal for Research in Applied Science and Engineering Technology (IJRASET)*, Sep, Vol 9, pp 23-28 [DOI:https://doi.org/10.22214/ijraset.2021.373](https://doi.org/10.22214/ijraset.2021.373)
2. K. Suchitra, Shwetha. S and **Veena Kumara Adi*** (2021)Reclamation of Abandoned Mine Soil: A Review on Properties and Remediation Techniques. *International Journal for Research in Applied Science and Engineering Technology (IJRASET)*, Vol 9, Sep pp 9-21 [DOI:https://doi.org/10.22214/ijraset.2021.37394](https://doi.org/10.22214/ijraset.2021.37394)
3. Shwetha and **Veena Kumara Adi*** (2021) Utilization of Abandoned Mine Soil in Making Bricks to Be Used for Construction Activity. *International Journal for Research in Applied Science and Engineering Technology (IJRASET)* Vol 9, Issue IX, Sep, pp 1-8, ISSN : 2321-9653, Vol 9, pp 1-8 [DOI:https://doi.org/10.22214/ijraset.2021.37393](https://doi.org/10.22214/ijraset.2021.37393)
4. Shashikumar P M and **Veena-Kumara-Adi*** (2019). Adsorption and Statistical Analysis of Textile Effluent Contaminated With Congo Red On Orange Peel. *International journal of innovative technology and exploring engineering (IJITEE)* ISSN:2278-3075, Vol-8, Issue 10, August, pp. 2607-2617. <https://www.ijitee.org/wp-content/uploads/papers/v8i10/J93440881019.pdf>
5. Nayana KS and **Veena Kumara Adi*** (2019). Clarification of water using *Moringa oleifera* as a coagulant. *International Research Journal of Engineering and Technology (IRJET)*, Vol 6, Issue 7, July, pp3076-3083. <https://www.irjet.net/archives/V6/i7/IRJET-V6I7467.pdf>
6. **Veena-Kumara-Adi*** and B.K. Savitri (2019). Utilization of spent wash for optimum production of biosurfactant using response surface methodology, *J. Mater. Environ. Sci.*, ISSN: 2028-2508, Vol 10, issue 4, May, pp 298-304. http://www.jmaterenvironsci.com/Document/vol10/vol10_N4/31-JMES-Adi-2019.pdf
7. **Veena Kumara Adi***, B Keerti and Ashish Prabhu (2018) Sorption of copper on rice husk and coconut husk: a statistical optimization approach. *International Journal of Recent Scientific Research Research* 9(5), pp. 26688-26692. DOI: <http://dx.doi.org/10.24327/ijrsr.2018.0905.2104>
8. **Veena Kumara Adi*** and Suhasini S (2018). "Evaluation and performance of sand packed column deploying bentonite clay for rapid adsorption of rhodamine b from aqueous solution", *Int J of Latest Trends in Engg and Tech*, Vol 10 Issue 3 - May, pp. 215-220. <https://www.ijltet.org/journal/152820362437.%202517.pdf>
9. Jayalatha N. A and **Veena Kumara Adi*** (2017). Seasonal variations in physico Chemical Characteristics of water quality of gurupura River in mangalore, south coast of india) *International Journal of Applied Science & Technology Research Excellence* Vol. 7 Issue 3, May-June 2017,ISSN NO.2250-2718(Print), 2250-2726(Online), (impact Factor 2.47) pp. 11-19 <http://ijastre.org/images/stories/vol7is3/3.pdf>
10. Jayalatha N. A and **Veena Kumara Adi*** (2017). "Restoration of Physico-Chemical Properties of Zinc Contaminated Soil by Bacterial Biosurfactant" in *International Journal of Current Trends in Science and Technology*, ISSN 0976-9730 Vol. 7, no. 10, pp. 20329-20335. <https://doi.org/10.15520/ctst.v7i10.59>.
11. Shukla C and **Veena Kumara Adi*** (2017). "Modeling Of Lead Adsorption on Low Cost Adsorbents By Response Surface Methodology" in *International Journal of Advanced Scientific Research and Technology (IJAST)*, Vol 5, Issue 7, pp. 35-48. ISSN 2249-9954, <https://doi.org/10.26808/rs.st.i7v5.03>
12. **Veena Kumara Adi***, Veena D.V and Jayalatha N. A (2016). "Physico-Chemical Analysis Of Packaged Mineral Water Bottles Floating In And Around Central Karnataka" in *Journal of Applicable Chemistry*. ISSN: 2278-1862, Volume 5, Issue 5, pp.1191-1198. <http://www.joac.info/ContentPaper/2016/4-20.pdf>
13. **Veena Kumara Adi***, Meghana CV and Veena DV (2016). Bacteriological Quality

Assessment of Street Vended Panipuri and Fruit Juices : A Case Study of Davangere City. *Research & Reviews: Journal of Food Science & Technology* ISSN: 2278-2249(online), ISSN: 2321-6468(print) Vol 5, Issue 2, pp.18-25.

14. Naveen Kumar MS, Nikhil B, Nikhil Patel AR, Nagaraja R and **Veena Kumara Adi*** (2016) "Experimental studies on clay tile powder as partial replacement of cement for sustainable concrete". in *International Journal of Engineering Trends and Technology*, ISSN: 2349-0918. Volume 36 No 1- (June) pp 50-53
<http://www.ijettjournal.org/2016/volume-36/number-1/IJETT-V36P210.pdf>
15. Veena D V, Jayalatha and **Veena Kumara Adi*** (2016) "Water quality index of Bangalore's Batrahalli Lake" in *World Journal of Pharmacy and Pharmaceutical Sciences* ISSN 2278-4357. Vol 5, (2), pp 491-506.
16. K G Adi, PV Rao, **Veena Kumara Adi*** (2015) "Analysis and detection of cholesterol by wavelets based and ANN classification" in *Procedia Materials Science*, ISSN: 1877-7058, Elsevier publications Vol 10, pp 409-418. <https://doi.org/10.1016/j.mspro.2015.06.074>
17. Mamatha Thakur and **Veena Kumar Adi*** (2015) "Ground water studies in and around shantisagar Lake Channagiri Taluka region, Karnataka, India" in *Pollution Research* ISSN: 0257-8050. Vol 34 (3); pp 527-534.
18. M.C.Shainy and **Veena Kumara Adi*** (2014) "Isolation of Endosulphan Metabolising bacteria from cashew plantations of Kannur district (Kerala)" in *International Review of Applied Biotechnology and Biochemistry*, ISSN: 2248-9886 Vol 2, No 1, pp 59-64.
19. **Veena Kumara Adi** and Karnath NGK (2014) "Optimization of process conditions for pesticide specific bioemulsifier production in laboratory fermentor" in *World journal of environmental pollution*, ISSN: 2222-1360 Vol. 4, No 1, pp 01-06.
20. Ronak Malpani, Sachith Kumar Jegarkal, Rashmi Shepur, Ravi Kiran H. N, **Veena Kumara Adi*** (2014) "Effect of Marble Sludge Powder & Quarry Rock Dust as Partial Replacement for Fine Aggregates on Properties of Concrete" in *International Journal of Innovative Technology & Exploring Engineering*, ISSN: 2278-3075, Vol 4(1), June. pp 39-42.
21. Sushma Havanur and **Veena Kumara Adi***. (2014) "Spice based treatment to increase the shelf life of Paneer – Clove a promising spice" in *The Journal of Microbiology, Biotechnology and Food Sciences*. ISSN: 1338-5178. Vol 3, no.6. pp 463-466.
22. Chellasamy Selvaakumar, Kirolikar Pravin Saurabh, Borgaonkar Swaranshu Pramod, and **Adi Kumara Veena*** (2010) "Mutational analysis of MLH1 protein in Hereditary Nonpolyposis Colorectal Cancer- 2" in *Research Journal of Biotechnology*. ISSN: 0973-6263 Vol 5 (4), Nov, pp. 26-29
23. **Veena Kumara Adi NK*** and Karanth NGK (2008) "Scanning Electron Microscope studies on wheat bran fortified with Fenthion, An OP Pesticide". *Asian Journal of Microbiology Biotechnology and Environmental Science*. ISSN: 0972-3005, Vol 10, no 3, pp.505-508.
24. **Veenanadig NK***, Gowthaman MK and Karanth NGK (2000) "Scale up studies for the production of biosurfactant in packed column bioreactor". *Bioprocess Engineering*, Elsevier publication, ISSN:1369-703X Vol. 22, No 2 / Feb, pp. 95-99
25. Karanth, NGK and Deo, PG and **Veenanadig, NK*** (1999) Microbial production of biosurfactants and their importance. *Current Science* ISSN: 0011-3891 Vol. 77 No 1, July. pp. 116-126.

Veenanadig NK* and Karanth NGK "Simultaneous utilization of Fenthion & Glucose by *Bacillus subtilis* FE-2 strain" (accepted in J Envntal & Pesticide Research).

Veena Kumara Adi N K* and Karanth NGK "Solid State Fermentation on the production of pesticide specific bacterial surfactant" (review with Indian Journal of Microbiology).

***Corresponding author**

B. In Peer reviewed Edited Book

26. **Veena Kumara Adi** (2009) "Elucidating and Teaching the structure of DNA to biology students" Proceedings of the Proceedings of the 6th International Conference on Hands-on Science. Science for All. Quest for Excellence October 2009 Publisher: Science City Editor: M.F. Costa, B.V. Dorrio and M.K. Patairiya ISBN: 978-989-95095-5-9
27. **Veena Kumara Adi** (2009) "Cancer Perspective: Microtubulin and its inhibitors". In Diabetes Mellitus and Cancer, Excel India publishers. ISBN:978-93-80043-56-2.
28. **Veena Nadig NK** (1998) "A Case study of an irrigational project- Impact of Upper Tunga Project" in Environmental Impact Assessment & Management Edited- Hosetti and Kumar, Daya Publishers, New Delhi ISBN 10: 8170351820 / ISBN 13: 9788170351825.

C. Abstracts in referred International proceedings:

29. Shukla and **Veena Kumara Adi** (14-16 September 2017), "Modeling of Lead adsorption from aqueous solutions by coir pith and peanut shell using response surface methodology" ICETCS 2017, held at Manipal Institute of Technology, Manipal University -576104.
30. Keerthi and **Veena Kumara Adi** (14-16 September 2017), Application of Response surface methodology (Box-Behnken Design) for copper adsorption by agro waste" at ICETCS 2017, held at Manipal Institute of Technology, Manipal University -576104.
31. Meghana CV and **Veena Kumara Adi** (21st - 24th Nov 2016). "Bacteriological quality assessment of street vended Panipuri - A case study of Davangere city" at SBC meet held at CFTRI Mysore.
32. Veena D V., Jayalatha NA and **Veena Kumara Adi*** (20th - 22nd Dec 2015) "Water quality index of Bangalore's Bhatrahalli Lake" in ICACE 2015 at NITK Surathkal, Mangalore.
33. K G Adi, PV Rao, **Veena Kumara Adi** (17-18 Oct 2014) "Analysis and detection of cholesterol by wavelets based and ANN classification" at an International Conference on Nanomaterials and Nanotechnology, (CNT 2014) organized by Vardhaman College of Engineering, Shamshabad, Hyderabad, India
34. Shainy MC and **Veena Kumara Adi*** (4 - 5 September 2014) " Isolation of endosulphan metabolizing bacteria from cashew plantations of Kannur district (Kerala)" at an International Conference on Recent Advances in Engineering Sciences 2014 (ICRAES 2014)held at M.S. Ramaiah Institute of Technology, Bangalore
35. **Veena Kumara Adi** (Oct, 2009) "Teaching molecular biology to science graduates" at an 6th International conference on Hands-on science (HSCI 2009) Science for all: Quest for excellence" held at Science city, Ahmedabad, (Gujarat) India.
36. K Saurabh P, Swaranshu B, Selvaa K C, **Veena Kumara Adi*** (Dec 2008), Genomic and proteomic analysis of the MLH1 gene: Hereditary nonpolyposis colorectal cancer-2 at an International symposium on Novel strategies for targeted prevention and treatment of Cancer JNU, New Delhi, India
37. **Veena Kumara Adi** and Karanth NGK (Dec, 2008) "Sequential disintegration of wheat bran fortified with Fenthion by Bacillus subtilis" at 6th International food convention- Newer challenges in food science & tech Industrial Perspective - IFCON 2008, CFTRI, Mysore.
38. Aishwarya S, G Bharath Deepa, Spurthi HG, **Veena Kumara Adi*** (Nov 2008) "Bioprocess development for Biosurfactant production. At 3rd International Congress on Bioprocesses in Food Industries (ICBF) & 5th Convention of Biotech Research Society of India(BRSI) at Osmania University, Hyderabad, INDIA.
39. **Veena Kumara Adi*** (October 2008) "Pesticide Specific Biosurfactant from Wheat Bran", at the Industrial Applications of Renewable Resources: A Conference on Biobased Technologies held October 13-16, 2008, in Cincinnati, Ohio, USA .
40. **Veena Kumara Adi*** (September 2008) "Biosurfactants production in Smf and SSF" at SIS 2008, 17th international symposium on surfactants in solution, at Max-Planck Institute of

colloids and interfaces- Am Muhlenbeg 1, 14476 Golm, Germany.

41. **Veena Kumara Adi*** (Nov 2007) "Biosurfactant – a pesticide container cleaning agent" at – 4th international conference on environmental education (ICEE) at Ahmedabad, India
42. **Veena Kumara Adi*** (Nov 2007) "Scale up studies (Smf) on the production of pesticide specific biosurfactant" selected for presentation at – II international conference in environmental industrial and applied microbiology "Biomicroworld 2007" - Seville- Spain.
43. **Veena Kumara Adi*** & Karanth NGK (September 2007) " Biosurfactant- a novel tool for pesticide abatement" selected for presentation at 14th International symposium on Health-related water Microbiology "Watermicro 2007" at Tokyo, Japan.
44. **Veenanadig NK.,** Akmal Pasha and Karanth NGK* (Nov 1998) "Analysis of Carbofuran insecticide by derivatization using O,O-diethyl Chlorothiophosphate" at 4th international food convention (IFCon-98) held at CFTRI, Mysore, in November

D. Abstracts in referred National proceedings:

45. Jayalatha N. A and **Veena Kumara Adi** (28 - 30th December 2016) "Seasonal variations in physico-chemical characteristics of water quality of Gurupura river in Mangalore, south coast of india" at Lake 2016:Conference on Conservation and Sustainable Management of Ecologically Sensitive Regions in Western Ghats the 10th Biennial lake conference Organised by IISc., <http://ces.iisc.ernet.in/energy>
46. Sandhya V and **Veena Kumara Adi** (15th 16 Oct 2015)" Biosurfactant enhanced bioremediation of soil artificially contaminated with spent engine oil" at UGC sponsored National conference on Recent trends in waste management" held at KLE Haveri. **Bagged the best presentation award.**
47. Aishwarya and **Veena Kumara Adi*** (Oct 2009) "Coriander : Reasonably a rich source of catalase" at 78th Annual conference of, society of biological chemists (India) –Society of Biological chemist (India) held at NCBS, Pune - 411007 Maharashtra.
48. **Veena Kumara Adi** (2009) "Microtubulin and its inhibitors" in conference on Diabetes – cancer (Dia-Can 2009) held at Annamalai University, Chidambaram.
49. Karanth NGK and **Veena Kumara Adi*** (Dec 2007) "Wheat bran as an excellent substrate for biosurfactant production" in Annual conference of Association of Microbiologists of India (AMI) at IIT Madras, Chennai, India.
50. **Veena Kumara Adi*** and Karanth NGK (Nov 2007) "Scanning electron microscope (SEM) studies of biosurfactant producing bacillus strain" presented at 76th Annual meeting of the society of biological chemists –SBC held at Sri Venkateshwara University Tirupati.
51. **Veenanadig NK*** Gowthaman MK & Karanth NGK (Nov 1998) "Production of Fenthion dispersing biosurfactant in solid state fermentation using Packed column bioreactor" held at National Conference on "Role of Microbes for Bioremediation" to be conducted by Punjab University, Chandigarh, India.
52. **Veenanadig NK & Karanth NGK*** (Dec 1997) "Rapid and reliable methods for detection and determination of Emulsifier/surfactants in microbial cultures and fermentations" at Annual Conference of the Society of Biological Chemist (India), held at Andhra University, Vishakapatnam, Andhra Pradesh, India
53. **Veenanadig NK & Karanth NGK*** (Dec 1996) "Production of Biosurfactant through Solid State Fermentation by Fenthion degrading Bacillus subtilis sps" at Annual Conference of AMI, held at IIT Madras, Tamil Nadu, India
54. **Veenanadig NK,** Anu Appaiah KA & Karanth NGK* (March1995) "Kinetics of Surfactant from Bacillus subtilis" at the National symposium Relevance of Biotechnology", held at Dept of Biotechnology, Cochin, Cochin, Kerala, India. (* *Corresponding author*)

10.	Selected List of M Tech Projects guided
	<ol style="list-style-type: none"> 1. A study on reclamation of abandoned mine soil using biosurfactant. 2. Feasibility study on utilization of abandoned mine soil in brick preparation. 3. Adsorption optimization of methylene blue dye by acid activated Parthenium carbon 4. Statistical analysis of congo red dye adsorption on orange peel. 5. Clarification of water using Moriga olifera as a coagulant. 6. Evaluation and performance of sand packed column deploying bentonite clay for rapid adsorption of Rhodamine b from aqueous solution. 7. Adsorption of fluoride by different leaf powder. 8. Modeling of Lead adsorption from aqueous solutions by coir pith and peanut shell using response surface methodology. 9. Application of Response surface methodology (Box-Behnken Design) for copper adsorption by agro waste. 10. Efficiency of Biosurfactant in the bioremediation of copper contaminated soil. 11. A study on the application of Box-Behnken Design for bioremediation of Zinc Contaminated soil using Biosurfactant. 12. Bioremediation of oil contaminated soil. 13. Production and optimization of a biosurfactant on spent wash using design expert software. 14. Study on the quality of groundwater in and around Shanthisagar lake. 15. Study of non-point source pollution of Avaragere lake, Davangere. 16. Bacteriological quality assessment of street vended panipuri and fruit juices-a case study of Davangere city. 17. Performance evaluation of ETP in rayon grade pulp mill Grasim Harihar – a case study Oil recovery by biosurfactant (produced using spent wash).
11.	Hobbies and Passion
	<p>Flair for Sports – Participated in several state level sports meets during college days and won a number of prizes in both individual and team events.</p> <p>Accomplished Carnatic Musician - Veena Artist. Trained in classical carnatic music both vocal and instrumental Veena.</p> <p>Passionate Gardener -Nurtures and maintains a home Garden of more than 250 different species of plants- ornamental, terrestrial, aquatic flowering, medicinal.</p>