

Resume

Name: Prathima B



Designation: Assistant Professor
Department of Civil Engineering

Educational Qualification:

Qualification	Branch	Year of Passing	Institution	University	Class
M.Tech	Environmental Engineering	July 2011	B M S College of Engineering, Bangalore	VTU, Belgaum	FCD (2 nd Rank)
B.E	Environmental Engineering	July 2004	S J C E , Mysore	VTU, Belgaum	FCD (4 th Rank)

Professional Experience: (Last 5)

Organisation	Designation	Roles & Responsibilities	Period
BMS College of Engineering, Bangalore	Assistant Professor	Teaching PG and UG students. Supervising/guiding PG projects	August 2011 to Till Date
WS Atkins India Pvt Ltd, Bangalore	Assistant Engineer	Designing of PHE & Fire services for High Rise Buildings, Residential Building, Commercial buildings, Shopping Malls & Hospitals etc,	October 2006 to June 2009
Town Municipal Council, Gundlupet, Chamarajnar District (Govt of Karnataka)	Assistant Engineer	Solid Waste Management – Scientific Disposal	September 2005 to September 2006
J S S Polytechnic College, Nanjangud, Mysore District. (Collaboration with France Govt)	Lecturer	Teaching	September 2004 to August 2005

Papers Published:

1. Prathima B and Dr. C R Ramakrishnaiah, "**Hexavalent Chromium Removal From Industrial Wastewater by Chemical Precipitation Method**", International Journal of Engineering Research and Applications, ISSN 2248-9622, Volume 2, Issue 2 (2012), pp. 599-603.
2. Spandana, Dr. K R Suresh and Prathima B, "**Developing an Irrigation Water Quality Index for Vrishabhavathi Command Area**", International Journal of Engineering Research and Technology Volume 2. No. 6 (June-2013). ESRSA Publications, 2013.
3. Spandana, Dr. K R Suresh and Prathima B, "**Developing a Soil Quality Index for Vrishabhavathi Command Area.**" International Journal of Engineering Research and Technology. Volume 2. No. 6 (June-2013). ESRSA Publications, 2013.
4. Praveen T.H, K.R.Suresh, Prathima.B and Gulshan Sachdeva , "**Development of desalination unit using solar still coupled with evacuated tubes for domestic use in rural areas**", Current Science, ISSN: 0011-3891, Volume 107, No.15, November 2014, pp.1683 – 1693.
5. Prathima B, Praphulla Rao and Mangala, "**Removal of Chromium (VI) from Synthetic Solution using dead Spirulina Species**", International Journal of Innovations in Engineering and Technology (IJJET), ISSN: 2319 -1058, Volume 4 Issue 4 December 2014, pp. 244-249.
6. Manasa and Prathima B , "**Treatability Studies On Biomethanated Spentwash From Distillery Using Advanced Oxidation Processes**", The International Reviewer, ISSN 2395-1575, Volume 3, Issue 1, January - June 2016, pp. 15-18.

Papers presented

1. Praveen T.H, K.R.Suresh, Prathima.B and Manjunath, "**Treatment of Reverse Osmosis Rejected Water Using Solar Energy - A Case Study**", Proceedings of the International Conference MES 2015, pp.40-45.
2. Manasa and Prathima B , "**Treatability studies on bio-methanated spent wash from distillery using advanced oxidation processes**" . One Day National Conference - Indian Congress of Civil Engineering, December 2015, Acharya Institute of Technology, Bengaluru.
3. Pooja and Prathima B, "**Removal of copper and Nickel ions from Aqueous solution using Chitosan as an adsorbent**". One Day National Conference - Indian Congress of Civil Engineering, December 2015, Acharya Institute of Technology, Bengaluru.

4. **Prathima B**, Praphulla Rao and Mangala, “**Biosorption of copper from waste water using spirulina species**”. International Conference on Advances in Chemical Engineering (ICACE 2015), December 20-22, 2015, NITK, Surathkal.
5. **Prathima B**, Praphulla Rao and Ramya , “**Removal of Chromium from synthetic solution among Chitosan as an absorbent based on Tagnchi Method**”. International Conference on Advances in Chemical Engineering (ICACE 2015), December 20-22, 2015, NITK, Surathkal.
6. Khushb K Birawat and **Prathima B**, "Bioremediation of heavy metal contaminated sites using organic amendments- A review" at the "International Conference on Energy, Environment and Engineering, 2016",Coimbatore Institute of Technology, Coimbatore,India.
7. Khushb K Birawat and **Prathima B**, Dr. Savithri Bhat and Dr. Lakshmi Narayan, "Bioremediation of chromium contaminated soil using organic amendments- A novel approach to safeguard groundwater" at the International conference on Best practices in sustainable water, wastewater and energy management, 2016, Indian Institute of Science, Bangalore, India.
8. Khushb K Birawat and **Prathima B and** Dr. Savithri Bhat “Bioremediation of chromium contaminated soil using organic amendments- A case study” at State level Seminar and Exhibition, 2016, Vijayapura, India.

M.Tech project Supervised:

SI No	Year	USN	Title of the project	Remarks
1	2012-13	1BM11CEE12	Performance Evaluation of Electrocoagulation in Removal of Hexavalent Chromium from Aqueous Solution	
2		1BM11CEE13	Experimental Studies on Removal of Hexavalent Chromium & Copper Using <i>Spirulina</i> Species	Resulted in One Journal and Conference Publication
3	2013-14	1BM12CEE12	Experimental Studies On Removal Of Hexavalent Chromium From Aqueous Solution Using Chitosan As An Adsorbent Based On Taguchi Method	Resulted in one Conference Publication
4		1BM12CEE10	Treatability Studies Of Dairy Wastewater By Electrocoagulation Process	
5		1BM11CEE09	Evaluation Of groundwater Quality Using G.I.S Technique In & Around Mavallipura Region	

6	2014-15	1BM13CEE07	Treatability Studies On Biomethanated Spentwash From Distillery Using Electrocoagulation And Advanced Oxidation Processes (AOP)	Resulted in One Journal and Conference Publication
7		1BM13CEE10	Removal Of Copper And Nickel Ions From Aqueous Solution Using Chitosan As An Adsorbent	Resulted in one Conference Publication
8		1BM13CEE15	Removal Of Arsenic From Aqueous Solution Using Both Fly Ash And Bottom Ash As Adsorbents	
9	2015-16	1BM14CEE08	Bioremediation of chromium contaminated soil using organic amendments- A case study	3 Conference Publication, Funded by KSCST, Won " Project of the year 2016 " Award by KSCST
10		1BM14CEE04	Treatment of Dairy Effluent by Electrocoagulation Using Aluminium Electrodes	

Workshop Organized:

1. Coordinator for One Day Workshop on "**DROUGHT ASSESSMENT USING ADVANCED SCIENTIFIC TOOLS**", organized by Department of Civil Engineering on 9th May 2014
2. Coordinator for Two day Workshop on "**APPLICATION OF MODELLING TECHNIQUES IN ENVIRONMENTAL ENGINEERING**" organized by Department of Civil Engineering on 4th and 5th July, 2014
3. Organizing Committee Member for "**3RD INTERNATIONAL CONFERENCE ON MICRO PERSPECTIVES FOR DECENTRALISED ENERGY SUPPLY - MES 2015**", held at BMSCE during 23rd to 25th April 2015.

Faculty Development Programme/Workshops/ Conference Attended:

SI No	Name of the Event	Venue	Date
1.	Faculty Orientation Programme	BMSCE, Bangalore	23 rd -28 th Jan, 2012
2.	Indo- US Seminar on Hazardous Waste Management Instruction Course on Hazardous Materials Management	BIT, Bangalore	27 th -31 st July,2012

SI No	Name of the Event	Venue	Date
3.	ISTE Sponsored one week training programme on Project Management	BMSCE, Bangalore	20 th -25 th Aug, 2012
4.	Technological Update on Advances in Chromatography and Environmental Analysis	BMSCE, Bangalore	15 th Sep, 2012
5.	National Workshop on Disaster Management in India	REVA ITM, Bangalore	6 th – 7 th Nov, 2012
6	One day Workshop on Urban Water Management	BMSCE, Bangalore	23 rd Mar, 2013
7	Identification of Slow Learners and Performance Enhancement	BMSCE, Bangalore	20 th Aug, 2013
8.	Faculty Orientation Programme	BMSCE, Bangalore	26 th Sep – 1 st Oct, 2013
9.	Workshop on Awareness of RoHS	IISc , Bangalore	10 th Jan,2014
10.	Two Day workshop on GIS and Modelling – Applications in Environmental Engineering	SJCE, Mysore	28 th -29 th March, 2014
11.	Two ISTE Workshop on Pedagogy for Effective use of ICT in Engineering Education conducted by IIT, Bombay	BMSCE, Bangalore	12 th June – 02 nd August, 2014
12	CEP Course on Renewable Energy for Rural Areas	IIT, Bombay	14 th – 16 th July, 2014
13	Two day Faculty development Programme on Outcome Based Education – Innovative Classroom practices	BMSIT, Bangalore	18 th -19 th Sep, 2014
14	Two Day Workshop on Sustainable Technologies for Educational Campuses	IISc, Bangalore	7 th – 8 th Nov, 2014
15	International Conference on Transformation Engineering Education	BMSCE, Bangalore	6 th – 8 th Jan, 2015
16	Five Day Training programme on “EMS in accordance with ISO 14001 – 2004	BMSCE, Bangalore	27 th – 31 st Jan, 2015
17	3 rd International Conference On Micro Perspectives For Decentralized Energy Supply – MES 2015	BMSCE, Bangalore	23 rd – 25 th April, 2015
18	5 th International Conference on Solid Waste Management	IISc, Bangalore	25 th – 27 th Nov, 2015
19	International Conference on Advances in Chemical Engineering (ICACE 2015)	NITK, Surathkal	20 th – 22 nd Dec, 2015

SI No	Name of the Event	Venue	Date
20	Two day State level workshop on Outcomes Based education : Teaching, Learning and Evaluation Sponsored by NAAC	BMSCE, Bangalore	15 th – 16 th Feb, 2016
21	One Week national level workshop on Environmental Management Framework	BMSCE, Bangalore	29 th Feb -04 th Mar, 2016
22	Two Week Course on “Fate and Transport of Contaminants In the Environment” by GIAN, MHRD	SJCE, Mysore	13 th June 2016 – 25 th June 2016

Additional Responsibilities:

1. M. Tech Environmental Engineering – Coordinator (Since 2012 – Till date)
2. RS and GIS Lab – Incharge (Since 2012 – Till date)

Role played at Department Activities:

1. Involved in PG CEE NBA report preparation – 2012
2. Involved in UG NBA – Criteria 4 preparation – 2013
3. Prepared required documents/report required by VTU, TEQIP and IQAC.
4. Currently involved in the preparation PG CEE NBA SAR as per new format
5. Organized guest lectures and industrial visits for PG CEE students

Achievements:

1. Under 39th Series Project Programme SPP Grant, Got seed money of 7.000/- for the PG Project. The project is awarded as the **"Best project of the year-2016"**, by KSCST.
2. Won **"Best Practice Researcher Award"**, at International Conference & Exhibition on Best Practices in Sustainable Water, Wastewater and Energy Management , IISC, Bangalore for the paper "Bio Remediation of Chromium Contaminated Soil – A Novel Approach to Safeguard Ground Water".
3. One of the team member for International Design Competition for the Rejuvenation of Badami Town Precinct, launched by Catalytic Think Tank Forum and earned a consolation prize money of Rs .50,000/-.