

## FACULTY PROFILE

Name : R.PREMSUDHA  
 Designation : Assistant Professor  
 Email ID : premsudha.ce@srit.org  
 Premi\_jasmine@yahoo.co.in



Area of Specialization : Environmental Engineering and Management

Total Experience : Academic : 10 yrs 3 months  
 Industry : Nil

### Educational Qualification:

Degree	Branch / Specialization	College	University
M.E	Environmental Engineering and Management	Coimbatore Institute of Technology- Coimbatore	Anna University- Chennai
B.E	Environmental Engineering	Avinashilingam Faculty of Engineering- Coimbatore	Avinashilingam Deemed University
DCE	Civil Engineering	Nanjiaahlingammal Polytechnic – Mettupalayam	Technical Board of Education

### Experience Details:

S.No	Institution/Industry	Design.	Experience		Total Years & Months
			From	To	
1	Sri Ramakrishna Institute of Technology CBE-10	Assistant Professor	JUN- 2015	Till date	10 months
2	Indus College of Engineering -CBE-101	Assistant Professor (Sl.Gr) & HOD	Dec 2011-	May -2015	3 yrs 6 months
3	Sri Ramakrishna Institute of Technology CBE-10	Lecturer, Assistant Professor	Dec 2007 Aug 2010	Aug 2010 Nov 2011	3 yrs & 11 months 16 days

4	Coimbatore Institute of Technology CBE-14	Lecturer	June 2007-	Dec 2007	6 months
5	Government Polytechnic College-CBE-14	Lecturer	June 2005	Dec 2006	1 yrs & 6 months
<b>Total (as on Feb 2016)</b>					<b>10 Years 4 Months</b>

**Funded Projects:**

S. No.	Funding Agency	Topic	Amount Sanctioned in Rs.	Year of Sanction
1.	Tamil Nadu State Council Selected Project under Students Project Proposals	Impact On Soil And Water Due To Solid Waste Dump In Coimbatore City	6000	2011

**Consultancy Work:**

S. No.	Organization/ Agency	Nature of Work	Amount in Rs.	Year
Nil				

Patents (Specify the details):

Publications :

Journals :

1. **R.Prem Sudha**, Dr.R.N.Uma, Dr Meiaraj Assessment of Soil Characteristics around Municipal Solidwaste Disposal site in sulur block- Coimbatore Town Panchayats- Tamilnadu, India - **International Journal of Scientific & Engineering Research, Volume 5, Issue 4, pp 240 -244. ISSN 2229-5518.- 2014-**
2. **R.Prem Sudha**, Dr.R.N.Uma,Dr Meiaraj **2014** –“Impact assessment of soil characteristics in and around Vellalore dumpyard in Coimbatore City, Tamilnadu” **Ecology Environment & Conservation. Volume 20, Issue 3, pp. 330-337,- 2014 EM International, ISSN 0971–765X. (Annexure-II) - Q4**

3. **R. Prem Sudha, Dr.R.N.Uma, Dr Meiaraj-2015 ,” Adverse impact on Soil and Groundwater due to solidwaste open dump in Coimbatore Town panchayats” published in *International Journal of Chemical Sciences* Volume 13, Issue 1, pp. 376-388. ISSN 0972-768X-Annexure-II - Q4**
  
4. **R Prem sudha, R N Uma and K Murali- August 2015, “Hydro Chemical Characterization of Groundwater Quality due to Municipal Solidwaste Dumping at Vellalore in Coimbatore, Tamil Nadu, India”, *International Journal of Earth Sciences and Engineering*. Volume 08, Issue 4 PP. 1791-1798 , ISSN 0974-5904, Annexure-II. - Q4**
  
5. **R Prem sudha, R N Uma, Dr. K Murali- Dr. Meiaraj-2016, “Assessment of Groundwater Quality Using WQI Method around Vellalore Municipal Solidwaste Disposal Site In Coimbatore, Tamilnadu, India. *International Journal of Chemical Science* Volume 14, Issue 1, pp- 229-243, ISSN 0972-768X- Annexure-II - Q4**

**International Conferences:**

1. **R Premsudha, Dr. R.N.Uma , “Adverse Impact on Soil and Water due to Solid waste Dump in Coimbatore Town Panchayats” 2<sup>ND</sup> International Conference on Solid Waste Management. International Society of Waste Management, Air and Water ICONSWM 2011, At Jadavpur University- Kolkatta, During Nov 7 to 9, 2011, Organized by ISWMAW, Volume: pp-741 – 747**
  
2. **R Premsudha, Dr. R.N.Uma, “Recent Remediation Technic Groundwater Contaminants” International Conference on Emerging Green Technologies 2011 at Periyar University Thanjavur Jun 2011(AP2011103) pp- 16.**
  
3. **R Premsudha, Dr. R.N.Uma, “Environmental Monitoring on Soil and Water due to Solid Waste Dumping in and around Dumpyard”. International Conference on Emerging Green Technologies 2011 at Periyar University Thanjavur Jun 2011 (AO2011104) pp-02**
  
4. **2<sup>ND</sup> International Conference on Current trends in Engineering & Technology ICCTET Pre Conference Workshop at Akshaya College of Engineering- Coimbatore during Mar 26 ,2014**
  
5. **2<sup>ND</sup> International Conference on Current trends in Engineering & Technology ICCTET Pre Conference Workshop at Akshaya College of Engineering- Coimbatore during Mar 26, 2014**
  
6. **2<sup>ND</sup> International Conference on Current trends in Engineering &Technology ICCTET Pre Conference Workshop at Akshaya College of Engineering- Coimbatore during Mar 26, 2014**

7. **R Premsudha, Dr. R.N.Uma, SOIL AND GROUNDWATER CHARACTERISTICS STUDY IN AND AROUND MUNICIPAL SOLID WASTE DISPOSAL SITE COIMBATORE CITY, TAMILNADU, International Conference on Advanced Techniques in Civil Engineering, At Karpagam University, Coimbatore, Tamil Nadu march-2015**

**National Conferences:**

1. **R. Prem sudha , “Environmetal biology” International Interdisciplinary Conference on Sustainable Technologies for Environmental protection at CIT - Coimbatore during 6<sup>th</sup> to 9<sup>th</sup> January 2006.(poster presented)**
2. **R. Premsudha , Dr. Rasappan , Dr. Shridar , Shoreline dynamics and Coastal Environment study of Nagapattinam port” , National Conference on Frontline areas of Civil Engineering NCFACE-2007 at VLB Janakiammal College of Engineering and Technology – Coimbatore during 20<sup>th</sup> & 21<sup>st</sup> April 2007.**
3. **R. Prem sudha , Dr. Rasappan , Dr. Shridar Shoreline dynamics and Coastal Environment study of Nagapattinam port” , National Conference on Innovative practices for Sustainable Energy and waste management IPSEWM -2007 at Sri Ramakrishna Institute of Technology – Coimbatore during 27<sup>th</sup> & 28<sup>th</sup> April 2007.**
4. **R. Premsudha , Dr. Rasappan , Dr. Shridar, “Shoreline dynamics and Coastal Environment study of Nagapattinam port”, National Conference on Innovative in Civil Engineering ICE’09’ at Kumaraguru college of Technology – Coimbatore during 21 April 2009.**
5. **R Premsudha, Dr. R.N.Uma, “IMPACT ON GROUNDWATER DUE TO SOLID WASTE DUMP IN COIMBATORE CITY”, National Conference on Recent Advancements in Civil Engineering RACE ‘09’ at Sengunthar college of Engineering- Tiruchengode during 28<sup>th</sup> April 2009.**
6. **R Premsudha, Dr. R.N.Uma, IMPACT ON SOIL AND GROUNDWATER DUE TO SOLID WASTE DUMP IN COIMBATORE CITY”, National Conference on Emerging Trends in Civil Engineering NCETCE-10 at KSR college of Engineering- Tiruchengode during 23<sup>rd</sup> Febrauary 2010.**
7. **R Premsudha, Dr. R.N.Uma, “UTILISATION OF FOOD WASTE INTO ORGANIC MANURE BY VERMICOMPOSTING” , National Conference on Environmental Pollution at Karunya School of Civil Engineering during 31<sup>st</sup> March 2010.**
8. **R Premsudha, “Elemental Composition of Soil and Groundwater due to Dumping of Solid waste” National Conference on Environmental Challenges towards Sustainability Pollution ECS-11 at Government college of technology Coimbatore in Collaboration with Anna University of Technology during 24<sup>th</sup>& 25<sup>th</sup> March 2011.**

9. **R Premsudha**, Dr. R.N.Uma, “PERMEABLE REACTIVE BARRIER TECHNOLOGY FOR CONTAMINANT REMEDIATION”, **National Conference on Innovative Practices in Construction & Waste Management IPCWM-11** at Sri Ramakrishna Institute of Technology – Coimbatore during 20<sup>th</sup> & 21<sup>st</sup> April 2011.
  
10. **R Premsudha**, Dr. R.N.Uma, “**IMPACT ON SOIL AND GROUNDWATER DUE TO SOLID WASTE DUMP IN COIMBATORE CITY**”, **National Conference on Innovative Practices in Construction & Waste Management IPCWM-11** at Sri Ramakrishna Institute of Technology – Coimbatore during 20<sup>th</sup> & 21<sup>st</sup> April 2011.
  
11. **R Premsudha**, Dr. R.N.Uma **National Conference on Technological Advances in Civil Engineering (TACE)** at AbdurRahaman University – Chennai during 3<sup>rd</sup> & 4<sup>th</sup> May 2011.
  
12. **R Premsudha**, Dr. R.N.Uma, “**IMPACT ON SOIL AND GROUNDWATER DUE TO SOLID WASTE DUMP IN COIMBATORE CITY**”, **National Conference on Urban Environmental Pollution and Public Health** at St. Peter’s University – Chennai during 1<sup>st</sup> & 2<sup>nd</sup> Nov 2011. Sponsored by ICMR and CSIR

Books Published: Nil

**Seminar, Conference, Workshop Organized:**

S.No.	Title	Duration	Level (Intern./ National)
-	-	-	-

**Seminar, Conference, Workshop Attended:**

1. **National level Workshop on “Recent Trends in Environmental Activities on Protection of Water Resources” ENVO CARE 2003** held on 12<sup>th</sup> March at Government college of technology- Coimbatore
  
2. **National Workshop on Recent Advances in Bioremediation and Phytoremediation of Toxic Pollutants** Sponsored by All India Council for Technical Education and Organized Industry Institute partnership cell and Department of Civil Engineering of CIT –Coimbatore on 22<sup>nd</sup> February 2008
  
3. **One day workshop on Environmental Management** at NITTTR – Chennai on 26<sup>th</sup> June 2009
  
4. **National level Oneday Workshop On Earthquake Resistant Structures** at VLB Janakiammal College of Engineering and Technology – Coimbatore during 26<sup>th</sup> Feb2010

5. **National Level Experience Sharing Workshop on Water Management Strategies for Arid and Semi-arid Zones** at Karunya School of Civil Engineering during 22<sup>nd</sup> & 23<sup>rd</sup> March 2011
6. **One day workshop on Need Based Approach For Effective Teaching** at Sri Ramakrishna Institute of Technology – Coimbatore during 21<sup>th</sup> Jun 2011.
7. **One day seminar on Water Resources present and future scenario in India** at Coimbatore Institute of Technology - Coimbatore on 6<sup>th</sup> March 2006.
8. **One day seminar on Principles of Valuation of Immovable assets** at Coimbatore Institute of Technology – Coimbatore on 28<sup>th</sup> February 2007.
9. **One day seminar on Oil & Gas Industry – Academic Interface** at Anna University – Chennai on 5<sup>th</sup> April 2007.
10. **Two days seminar on Performance of Disaster Resistant structures** at Anna University – Chennai on 7<sup>th</sup>& 8<sup>th</sup> May 2009.
11. **National Seminar on Disaster Management-Causes, Prevention and Preparedness** at Sri Ramakrishna Institute of Technology on Feb 24<sup>th</sup> & 25<sup>th</sup> 2011
12. **Two days practical training on Total station** organized at Sri Ramakrishna Institute of Technology-Oct 11<sup>th</sup>& 12<sup>th</sup> 2010
13. **Lecture series on Emerging Trends in Financial Management on “Mutual Funds”** at Sri Ramakrishna Institute of Technology on Dec 26<sup>th</sup> 2010
14. **First National Conference on Effective Microorganisms “Wealth from Waste”** held on 9<sup>th</sup> December 2002 at Amrita Institute of Management Coimbatore.
15. **National conference on innovative technologies in Civil Engineering** at CIT Coimbatore during 20<sup>th</sup> & 21<sup>st</sup> March 2006
16. **First International Conference and Exhibition on Solid waste and Environment** on 12<sup>th</sup> to 14<sup>th</sup> August 2009. Organized by Anna University Coimbatore and national Solidwaste Association India
17. **Second National Conference on Innovative practices for sustainable energy and waste management** at Sri Ramakrishna Institute of Technology – Coimbatore during 24<sup>th</sup> & 25<sup>th</sup> April 2009

### Faculty Development Programme

- 1) **Participated** in two days Faculty Development Programme on **Information security - Standards & Implementation organized** by TATA Consultancy Services during 10<sup>th</sup> & 11<sup>th</sup> August 2007.
- 2) **Participated One day Faculty Development Programme on corrosion in structures** during 12<sup>th</sup> September 2009 at Mahalingam college of Engineering.
- 3) **Participated** in two days **National Level Staff Development Program on Role of Faculty in Shaping the Best Technocrafts** at Avinashilingam University for Women on 11<sup>th</sup> & 12<sup>th</sup> Nov 2009.
- 4) **Participated** in **Staff Development Programme on Advanced Developments in Concrete** at Sri Ramakrishna Institute of Technology – Coimbatore during 11<sup>th</sup> & 24<sup>th</sup> July 2011.
- 5) **Participated** in **Staff Development Programme on Earthquake Resistant Structures** at Mahalingam College of Engineering during 17 to 22 Dec 2012

### **Ph.D., Guidance / Supervisor ship:**

Name of Scholar	Course	Area of Research	Status
-	-	-	-

### **Guest Lectures Delivered:**

Topic	Institution	Date(s)
-	-	-

### **Membership in Professional Bodies:**

1. National Solid Waste Association of India(Life member)
2. ISTE (Life member)
3. IGS(Life member)

### **Contributions to the Institution, Department and Society:**

1. Tutor for II Yr Civil-A

**Awards and Recognitions:**

1. Awarded second rank holder in II & III Semester in M.E.

2) Awarded as the **Best Presenter of the Session for the paper** titled “**Shoreline dynamics and Coastal Environment study of Nagapattinam port**” in the Conference on Innovative Practices for Sustainable Energy and waste management held at Sri Ramakrishna Institute of Technology – Coimbatore.