




# R L JALAPPA INSTITUTE OF TECHNOLOGY

(Affiliated to Visvesvaraya Technological University & Approved by AICTE)

Doddaballapura -561203, Bangalore Rural District

## DEPARTMENT OF ALLIED SCIENCES

<b>Faculty Name</b>	HEMALATHA B R	
<b>Designation</b>	Assistant Professor	
<b>Area of Interest</b>	Environmental Engineering Engineering Mechanics	
<b>Email ID</b>	hemalathabr@rljit.in	

**EDUCATION:** B.E, M.Tech (Environmental Engineering)

**TECHNICAL SKILLS:** C programming

### PROFESSIONAL WORK EXPERIENCE:

- worked as Environmental Engineer in City Municipal Council, T Dasarahalli, Bangalore from 2004 -2006
- Working as Assistant Professor in R.L.Jalappa Engineering college, Doddaballapur from 2006 to till date

### PUBLICATIONS:

#### JOURNAL:

- Paper titled “Construction and Demolition waste recycling for sustainable growth & development” published in Journal of Environmental Research and Development, Volume:2, No. 4B, April –June 2008, Page# 759 -765
- Paper titled “Study on strength of concrete using Fly ash & Bottom ash as a partial replacement for cement and sand” published in International journal of Informative and Futuristic Research, Volume- 2, Issue -7, March-2015, Page no: 2344 -2355
- Paper titled “Impact of waste on characteristics of soil – A case study of Mysore sugar area, Mandya city, Karnataka, India” published in International Journal of Advance Research in Science and Engineering, volume – 6, Issue -02, February2017.
- Paper titled “Energy Resources for sustainable growth and development” published in International journal of Advance Research in Science and Engineering, volume - 6, Issue -07, July 2017.
- Paper titled “A study of Rainwater harvesting for GEC Building, K.R.Pet” published in International journal of Advance Research in Science and Engineering, volume - 6, Issue -08, August 2017.

### INTERNATIONAL CONFERENCE:

- Presented a paper titled ““A study of Rainwater harvesting for GEC Building, K.R.Pet” in 5<sup>th</sup> International conference on Emerging Trends in Engineering, Technology, Science and

management held on 20<sup>th</sup> August 2017 at Institution of Electronics and telecommunication Engineers, Bangalore.

**NATIONAL CONFERENCE:**

- Presented a paper titled “ Slaughter house waste management” in 9<sup>th</sup> National Women’s Science Congress held at RLJIT, Doddaballapur on 6<sup>th</sup> to 7<sup>th</sup> November 2016.
- Presented a paper titled “ Assessment of organic pollution in sulekere tank, Mandya Dist, Karnataka” in National seminar on Biological Sciences –Their Impact on Global Environment held at Sri Jagadguru Renukacharya college, Bangalore on 15<sup>th</sup> to 16<sup>th</sup> February 2008.

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**FDP/WORKSHOP ATTENDED:**

- Participated in the one day workshop on “Technological solutions for Environmental problems” held at RVCE, Bangalore on 23<sup>rd</sup> August 2008
- Participated in a short term course on “Hazardous material and Environmental Management” under the QIP of AICTE conducted at IISC during 25<sup>th</sup> -29<sup>th</sup> 2010
- Participated in one day workshop on urban water management at BMSCE held on 23<sup>rd</sup> March 2013.
- Attended the workshop on “ Green systems for sustainable environment” organized by RVCE, Bangalore during 9<sup>th</sup> to 11<sup>th</sup> October 2013.
- Attended the workshop on “ Advances in Geotechnical Engineering Practices” held at BGSIT, BG Nagar on 12<sup>th</sup> February 2016
- Attended one day workshop on “Environmental Engineering Applications and challenges” held at Sri Siddhartha Institute of Technology, Tumkur on 20<sup>th</sup> February 2016

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**CONFERENCE/FDP/WORKSHOP CONDUCTED:**

- Coordinator and chaired a session for theme 6 and theme 7 in 9<sup>th</sup> National Women’s Science Congress held at RLJIT, Doddaballapur on 6<sup>th</sup> to 7<sup>th</sup> November 2016

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**UNIVERSITY RESPONSIBILITIES:**

- External Deputy Chief Superident
- VTU theory paper setting
- VTU theory paper evaluation

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**OTHER RESPONSIBILITES:**

**COLLEGE LEVEL:**

- Magazine coordinator

**DEPARTMENT LEVEL:**

- ISO coordinator,
- NAAC coordinator (criteria 5)

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**PROFESSIONAL MEMBERSHIPS:**

Life Member of Indian Society For Technical Education

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**CONTACT DETAILS:**

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