

## FACULTY PROFILE

**Name** : Dr. Basavaraj R. Hiremath



**Designation** : Associate Professor  
**Department** : Civil Engineering  
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**Qualification** : M.Tech., Ph.D.

**Professional**

**Experience:**

**Teaching** : 27 Years

**Administrative** : 1. Warden to BEC Hostels, 2002 to 2012  
2. Maintenance Officer of BEC for 2 years

**Responsibilities**

3. Coordinator, CIE Exams
4. Co-coordinator, CIE Exams
5. Adviser Committee Member of NSS
6. Coordinator of 100 activity Point
7. Co-cordinator of 100 activity Point
8. Civil Dept. Coordinator for Anti-ragging committee
9. Coordinator for Green Campus Activity
10. Department Coordinator, Atal Ranking Committee
11. Department BOS member since 2018

**No. of Projects**

**Guided** :

UG 10

PG 02

**Research**

**Interest Area** : 1. Solid Waste Management

- Publications**  
Books/ Chapters
- : 1. B. R. Hiremath, Sudha Goel, 2017, *Biodegradation of Organic Materials of Municipal Solid Waste under Aerobic Conditions: A Survey*, *Advances in Solid and Hazardous Waste Management*, Springer Book Chapter.
  - 2. Basavaraj R. Hiremath and Sudha Goel, 6 Feb, 2021, *Assessing the Maximum Aerobic Biodegradation Potential of Leaf Litter, an Organic Fraction of Municipal Solid Waste, Under Optimum Nutrient Conditions*, *Spatial Modeling and Assessment of Environmental Contaminants* pp 663-688, Springer (Book Chapter) - Chapter No. 31.
- International Conferences/ Symposium**
- : 1. B. R. Hiremath, Sudha Goel, Feb, 21-23, 2014, *Biodegradation of Organic Materials under Aerobic Conditions, 2014 - 1st International Congress on Environmental, Biotechnology and Chemistry Engineering*, South Asia Institute of Science and Technology (SAISE), Pune.
  - 2. B. R. Hiremath, Sudha Goel, 6th February, 2016, *Biodegradation of Cicer Arietinumb, an organic fraction of Municipal Solid Waste under aerobic conditions*, *International Conference on Recent Advances in "Civil Engineering, Architecture and Environmental Engineering for Sustainable Development"* (CEAESD- 2016) Organized by "Krishi Sanskriti", Jawaharlal Nehru University, New Delhi, India.
  - 3. B. R. Hiremath, Sudha Goel, *Biodegradation of Leaf litter (Shorea Robusta) under Aerobic Conditions*, *International Conference on Water, Environment, Energy and Society Bhopal, India (ICWEES-2016)*, AISECT University, Bhopal.
  - 4. B. R. Hiremath, Sudha Goel, December 19-21, 2020, *Optimizing the Composting Process by Mixing Specific Organic Fractions of Municipal Solid Waste in a Reactor*, *International Conference on Recent Development in Sustainable Infrastructures (Research and Practices) ICRDSI 2020 (20-112)*, School of Civil Engineering, KIIT Deemed to be University, Bhubaneswar-24.
  - 5. B. R. Hiremath, Sudha Goel, Feb, 6-7, 2015, *Biodegradation of Organic Fraction of Municipal Solid Waste under Aerobic Conditions*, *Symposium on Management and Procurement of Integrated Waste Management*, IIT Guwahati.
- Events Organized**
- 1. Training for final year students under CGP
  - 2. Training for first year students under HRD
  - 3. Co-ordinator, "Student Development Program", May 2008, B.E. College, Bagalkot
  - 4. Co-ordinator, "Student Development Program", May 2008,
  - 5. Co-ordinator, "Student Development Program", November 2008.
- Invited Talks**
- : 1. CEP for Krishna Jala Nigam, ZP, PWD Engineers, "Low Cost Housing", Dec-2007, B.E. College, Bagalkot.
  - 2. CEP for Krishna Jala Nigam, ZP, PWD Engineers, "Rural Water Supply & Sanitation", B.E. College, Bagalkot.
- Conferences/ Symposiums/ Workshops/ Training Programs Attended**
- : 1. *Engineering Practice in Expansive Soils*, 07.02.2000 to 18.02.2000, BEC, Bagalkot.
  - 2. *Geographical Information Systems and their Applications*, 04.06.2001 to 09.06.2001, IIT, Madras.
  - 3. *Recent Trends in Renewable Energy Sources*, 09.09.2001 to 15.09.2001, BEC, Bagalkot.
  - 4. *Advances in Casting and Welding Technology*, 24.09.2001 to 06.10.2001, BEC, Bagalkot.

5. *Processing of Composite Materials*, 26.08.2002 to 07.09.2002, BEC, Bagalkot.
6. *Role & Prospects in Cost Effective Construction for sustainable Development*, 07.07.2003 to 19.07.2003, MAMIT, Nitte.
7. *Futuristic Materials and their Applications*, 18.08.2003 to 30.08.2003, BEC, Bagalkot.
8. *Learning Organization & Knowledge Management in Technical Education*, 16.02.2004 to 21.02.2004, BEC, Bagalkot.
9. *Power Electronics applications to Renewable Energy System*, 17.10.2005 to 22.10.2005, BEC, Bagalkot.
10. *Maintenance of Highways (Concrete) and road user safety aspects*, 30.01.2006 to 11.02.2006, BEC, Bagalkot.
11. *Intellectual Property rights studies*, 17.02.2006 to 18.02.2006, BEC, Bagalkot.
12. *Mathematical Modeling for Bio-technology*, 11.09.2006 to 16.09.2006, BEC, Bagalkot.
13. *Drinking Water Quality Analysis*, 12.10.2006 to 14.10.2006, BEC, Bagalkot.
14. *Hospital Waste Management*, 30.10.2006 to 31.10.2006, BEC, Bagalkot.
15. *Engineering College Faculty Development Program*, 05.02.2007 to 10.02.2007, BMS, College of Engg. Bangalore.
16. *Auto desk Civil 3D*, 12.07.2007 to 15.07.2007, Kruthi Computer services Bangalore.
17. *Design of Earthquake resistant structures*, 26.05.2008 to 30.05.2008, BEC, Bagalkot.
18. *Recent Advances in Environmental Biotechnology*, 5 – 9 October 2020, Indian Institute of Technology Kharagpur West Bengal 721 302.

**Awards and Honors** : 1. *Most Innovative Teacher Award by Wipro mission 10x*, Wipro Limited 2010.

**Memberships** : 1. *Member, ISTE, LM26122.*  
2. *Member, Institute of Engineers, M129537-8.*