

## **RESUME**

**Dr. S.C.Kamate, M.Tech.,Ph.D.**

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### **Career Objective:**

To be a part of academically focused organization and provide dynamic administrative and academic leadership, contribute my knowledge, experience and skills for the growth of organization.

### **Academic Qualification:**

- **Ph. D. “Cogeneration in Sugar Industries”, October 2009.**  
Visvesvaraya Technological University, Belgaum, Karnataka, India
- **Master of Technology (Energy Systems Engineering), 2002**  
Visvesvaraya Technological University, Belgaum, Karnataka, India  
**Result:** First Class with Distinction, **82.35%** with University Rank.
- **Bachelor of Engineering (Mechanical Engineering), 1992**  
Basaveshwar Engineering College , Bagalkot. Karnataka University, Dharwad  
**Result:** First Class, **65.25 %**

### **Administrative Experience: 12Years**

- Presently working as Principal, Hira Sugar Institute of Technology, Nidasoshi, Belgaum, since 21<sup>st</sup> Feb 2017.
- Worked as Principal, Shaikh College of Engineering & Technology, Belgaum, from 20<sup>th</sup> Jan2014 to 10<sup>th</sup> Feb 2017.
- Worked as Principal, VSM Institute of Technology, Nipani -591 237 from October 2011 to January, 2014.
- Worked as Principal Tontadarya College of Engineering, Gadag from November 2009 to October 2011.

- Actively worked as team leader in setting up two new Polytechnics and Engineering Colleges for KLE Society, Belgaum .
- Worked as Life Member KLE Society, Belgaum .
- Worked as Principal, K.L.E .S Polytechnic, Hubli, from March 2004 to October 2009.

### **Industrial Experience: 1Year, 03months**

- Worked as Managing Director, Basaveshwar Sugars and Allied Products Ltd., Ambajogai, Maharashtra State, November 2002 to February 2004.

### **Teaching Experience: 10Years**

- Worked as Lecturer MBE's College of Engineering, Ambajogai from August 1996 to October 2002.
- Worked as Lecturer C. B. Kore Polytechnic, Chikodi, from October 1992 to July 1996.

### **Ph.D Guiding/Research work undertaken:**

- **“Characterization of thermal properties of composite materials.”**  
Prof. Gurushant .B Vaggar, Assoc. Professor, Alva's Institute of Technology, Moodbidre, Mangalore, Karnataka.
- **“Wear analysis of diesel engine running on alternative fuels blended with nano particles using FEM and MATLAB ”**  
Prof. Vaijanath Patil, Asst. Professor, S.G.Balekundri Institute of Technology, Belgaum, Karnataka.
- **“ Wear characterization of IC engines using nano particles”**  
Prof. Ekanath Nivrutti Aitavade, Assoc. Professor, Ashok Rao Mane Group of Institutions Vathar, Kolhapur, Maharashtra.
- **“Finite element approach for predicting useful life of antifriction bearing under different operating conditions”**  
Prof. Sampat Bijale, Assoc. Professor, VSM Institute of Technology, Nipani.

### **Research Publications:**

1. **S.C. Kamate and P.B. Gangavati**, “Exergetic, Thermal, and Fuel Savings Analysis of a 20.70 MW bagasse based Cogeneration plant, *“Cogeneration and Distributed Generation Journal*, Taylor and Francis Publication, Volume 23, Issue 3, Summer, 2008, pp 45-53.

2. **S.C. Kamate and P.B. Gangavati**, "Exergy analysis of cogeneration power plants in sugar industries", *Applied Thermal Engineering*, Elsevier Publication, Vol. 29, Issue 5-6, 2009, pp 1187-1194.
3. **S.C. Kamate and P.B. Gangavati**, "Exergetic, Thermal, and Fuel Savings Analysis of Heat-matched, Bagasse-based Cogeneration Plants in Sugar Industries", *Cogeneration and Distributed Generation Journal*, Taylor and Francis Publication, Volume 24, Issue 1, Winter 2009, pp 36-64
4. **S.C. Kamate and P.B. Gangavati**, "Cogeneration in Sugar Industries-Technology options and Performance parameters- A review" *Cogeneration and Distributed Generation Journal*, Taylor and Francis Publication, Volume 24, Issue 4, Fall 2009, pp 6-33
5. **S.C. Kamate and P.B. Gangavati**, "Energy and exergy analysis of a 44 MW bagasse based cogeneration plant in India", *Cogeneration and Distributed Generation Journal*, Taylor and Francis Publication, Volume 25 Issue 1 Winter 2010, pp35-51.
6. **S.C. Kamate and P.B. Gangavati**, "Exergetic comparison of bagasse-based cogeneration plants", *Distributed Generation and Alternative Energy Journal*, Taylor and Francis Publication, Volume 26, Issue 3, summer 2011, pp20-35.
7. **S.C. Kamate and Gurushant B.Vaggar**, "Thermal conductivity enhancement of Silicon inserted hybrid composite materials, International journal of innovation in engineering, research and technology, Novateur Publication, ISSN No.2394-3696, March2016,pp1-5.

### **National conferences/ Journals:**

1. **S.C. Kamate and P.B. Gangavati**, "Exergy analysis of cogeneration power plants" *Electrical India, Magazine*, Vol. 56, No.4, April 2016, pp 34-36.
2. **S.C. Kamate and P.B. Gangavati**, "Thermodynamic performance parameters of bagasse based cogeneration plants in sugar industries", *Cane Cogen India, News Letter*, accepted for publication, Winrock International India.
3. **S.C. Kamate and V.M. Hukkeri** "Thermodynamic analysis of bagasse-based cogeneration plants in sugar industries", National conference on Renewable Energy Technologies and Resources, RESTAR2002, SGMCOE Shegaon, Maharashtra, MNRES New-Delhi, publication.

### **Research Interests:**

- Design of Cogeneration Power plants
- Design of Renewable energy systems
- Design of Thermal Systems

## Achievements/Recognition:

- My research article titled “**Exergy analysis of cogeneration power plants in sugar industries**”, *Applied Thermal Engineering*, Elsevier Publication, Vol. 29, Issue 5-6, 2009, pp 1187-1194 has been ranked among ***TOP25 Hot Articles*** by [www.ScienceDirect.com](http://www.ScienceDirect.com).
- Working as VTU nominee of Board of Studies of BEC, Bagalkot (Autonomous College)
- Working as Editorial Board Member for **International Journal of Energy Policy and Management**, American Association for Science and Technology, (AASCIT) ISSN Print: 2472-9477 ISSN Online: 2472-9893.
- Working as a reviewer for **International Journal of Energy**, Elsevier Publication.
- Working as a reviewer for of **Alexandria Engineering Journal**, Elsevier Publication.
- Working as a reviewer for **International Journal of Exergy**, Inder Science Publishers.
- Working as a reviewer for **International Journal of Thermodynamics**, Index Copernicus.
- Working as a reviewer for **International Journal of Energy for Sustainable Development**, Elsevier Publication.
- Working as a reviewer for **International Journal of Cogeneration and Distributed generation**, Taylor and Francis Publication.
- Invited as Co-Author to contribute on forthcoming Open Access Book “Steam Turbine” ISBN 978-953-308-51-4. Published by In-tech Open Access Publisher, University Campus STeP Ri, Slavka Krautzeka 83/A – 51000 Rijeka, Croatia.
- Invited to Author and contribute a chapter in book on Research Methodology for Faculty to be published by Centre for Education Growth and Research, Delhi-110 076, India.
- Invited as Author for papers on Cogeneration Types, Technologies and costs. By Frank Columbus, on his book “Distributed Energy Systems” Nova Science Publishers, Inc. 400 Oser Avenue, Suite 1600 Hauppauge, NY 11788.
- Listed in the Marquis Who’s Who (Technical leaders list) Magazine to be published in 2010 (Vol. 2010).
- Established Energy Park in association with MNRES, New Delhi. at College of Engineering Ambajogai, Maharashtra.

## Seminars / Workshops / Conference Attended:

- Academic Leadership Workshop, at Wipro Technologies, Bangalore, 6<sup>th</sup> and 7<sup>th</sup> September 2010.
- Delivered a key note address in National seminar on Cogeneration in sugar industries to CEO's and Managements of Indian sugar industries, at DKSSK Chikodi on 7<sup>th</sup> Dec 2007.
- Administrative training of Principals of Polytechnic conducted By National Institute of Technical Teachers training and Research, Chennai, Ministry of HRD Govt. of India from 7/12/2005 to 9/12/2005
- Delivered a Lecture on Thermodynamics of cogeneration Power plants in sugar industries at Sant Gajanan Maharaj College of Engineering, Shegaon, Maharashtra, in National conference on 15<sup>th</sup> March 2002
- Renewable Energies for Rural Areas under QIP of AICTE, New Delhi, at IISc, Bangalore, May 29 – June 09, 2000.

## 12. Details of Referees.

S.No.	Name of Referee	Post held by the referee	Email	Phone/mobile
01	Justice, A.S.Pachhapure	Former Judge High Court of Karnataka	pachhapurearvind@ gmail.com	831-4260853 9448288653
02	Dr.S.A.Kori	Executive Director, Karnataka Higher Education Council	edkshec@yahoo.com	080-22341395 9008754545
03	Dr.G.R.Dodagoudar	Professor, IIT Madras	goudar@iitm.ac.in	044-22578280 9840328754

## Personal Information:

**Date of birth** : 15/07/1970  
**Gender** : Male  
**Marital status** : Married  
**Languages Known** : English, Kannada, Hindi, and Marathi  
**Hobbies:** Plantation, Horticulture, Agriculture, Swimming, Listening music.  
**Permanent Address :** A/P: Hattarawat, Tq: Chikodi, Dist: Belgaum-591 236, Karnataka.

I hereby declare that all details furnished here are true and correct to the best of my knowledge and belief.

Place: BELGAUM

Date:



Dr. S. C. Kamate