

RAVI SANKANNAVAR

(M.E – Chemical, IISc, Bangalore, 2011)

Communication address:

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Objective:

Seeking a responsible and challenging position in the field of professional work where I can contribute my teaching and research skills to the institutional goals using innovative ideas and positive attitude.

Educational qualification:

Master of Engineering in Chemical Engineering (2009-2011) from Indian Institute of Science (IISc), Bangalore.

Academic background:

COURSE	INSTITUTION	BOARD	AGGREGATE %/CGPA	YEAR OF PASSIG
M.E (Chemical Engineering)	Indian Institute of Science (IISc), Bangalore	Indian Institute of Science (IISc), Bangalore	5.7/8*	2011
B.E (Chemical Engineering)	R V College of Engineering, Bangalore	Vishveswaraiah Technological University (VTU), Belgaum	63.99	2009
XII (PUC)	Basaveshwar Science College, Bagalkot	Karnataka Pre-University Education Board	64.17	2005
X (SSLC)	Government High School Teggi, Bilgi taluk, Bagalkot district	Karnataka Secondary Education Examination Board	78.72	2003

*: CGPA from course work (35 credits): 4.6/8.0 and Project grade (32 credits): A [Grade A = 7/8]; Minimum credits needed for the award of M.E degree: 64.

Training:

- Undergone 4 weeks training in Nandi Sahakari Sakkare Karkhane Niyamit (NSSKN), Krishnanagar (Chikkagalagali), Post- Hosur, Tq & Dist- Bijapur.

Courses studied:

Biochemical engineering, Instrumentation and process control, Mechanical operations, Mass transfer, Heat transfer, Momentum transfer, Novel separation techniques, Thermodynamics, Transport phenomena, Process Equipment design and drawing, Chemical Reaction Engineering, Unit operations, Energy technology, Polymer science and Engineering, Water Quality Modeling, Treatment of Drinking water, , Chemical Technology etc.,.

Computer Skills:

- Basics in MATLAB 7 and Mathematica.
- Basics of programming in C language.
- Well-versed with Microsoft Office utilities like Word, PowerPoint, and Excel.
- Preparation of reports and articles using LaTeX.
- OriginPro 8.0 (Data analysis and Graphing software).

Equipments handled:

- Fluoride ion selective electrode coupled with an ionAnalyzer meter
- Glass pH electrode coupled with an ionAnalyzer meter
- Colorimeter coupled with a multimeter
- UV-Vis Spectrophotometer
- Ion Chromatography (ICS-5000, Dionex)

Academic projects:

- 1) Project title** : Optimization of additive concentration in lube oils
Place with year: Central Power Research Institute (CPRI), Bangalore, 2009
- 2) Project title** : Use of a solar still for treatment of drinking water, rainwater harvesting, and disposal of spent zirconium-SPADNS solution
Place with year: Indian Institute of Science (IISc), Bangalore, 2010-2011

Paper publications in international journal:

- 1) Balakrishnan, R., **Sankannavar, R.**, Rao, K. K. (2011) A Mechanism for the Occurrence of Ions in Distilled Water, *Ind. Eng. Chem. Res.* 50, 13202-13209.
- 2) Anjaneyulu, L., Kumar, E. A., **Sankannavar, R.**, Rao, K. K (2012) Defluoridation of Drinking Water and Rainwater Harvesting Using a Solar Still, *Ind. Eng. Chem. Res.* 51, 8040-8048.

Experience:

Organization	Designation	Duration	Description
National Institute of Technology Karnataka (NITK), Surathkal	Junior Research Fellow	23 February 2012 to till date	I am working on a DST project entitled "Batch and Continuous Photocatalytic degradation of Azo-dyes using Ag core TiO ₂ Shell Structured Nanoparticles in Free and Immobilized Form"
Indian Institute of Science (IISc), Bangalore	Project Assistant	01 November 2011 to 31 December 2011	I worked on a revision of a paper which was submitted to "I&EC Research" journal

Extra Curricular Activities:

- I have participated in 2nd International level "SCIENCE TALENT EXAMINATION 2001-2002" at Government High School Teggi, Bilgi Taluk, Bagalkot district.
- I have participated in one day seminar on "Career Opportunities in Chemical Engineering" held on 19 November 2007 at the Department of Chemical Engineering, R V College of Engineering, Bangalore.
- I have participated in two days conference on "International Summit on Water – 2011" during 11 – 12, February 2011 at NIMHANS, Bangalore.
- I have presented an oral presentation in "Chemference – 2011" conference held during 23-24 September 2011 at Chemical Engineering department, IISc, Bangalore.
- I have participated in three days conference "CHEMCON 2011" held during 27-29, December 2011 at MSRIT, Bangalore.

Hobbies:

- Drawing and painting.
- Swimming.
- Listening to music.
- Reading and writing articles.

Languages known:

Write	Speak
English, Hindi, and Kannada	English and Kannada

Personal details:

Name : Ravi Sankannavar
Father's name : Satyappa
Date of birth : 01 June 1987
Marital status : Single
Gender : Male
Nationality : Indian
Permanent address : Ravi Sankannavar, S/o Satyappa Sankannavar,
PO – Bisanal, Taluk – Bilgi, District – Bagalkot,
Karnataka – 587 117
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Names and addresses of two professional references:

Prof. K Kesava Rao, Professor, Department of Chemical Engineering, Indian Institute of Science, Bangalore - 560 012 Phone no.: +91-80-2293-2341 E-mail id : kesava@chemeng.iisc.ernet.in	Dr. S. Venugopal, Assistant Professor, Department of Chemical Engineering, Indian Institute of Science, Bangalore - 560 012 Phone no.: +91-80-2293-3113 E-mail id : venu@chemeng.iisc.ernet.in
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Declaration:

I hereby declare that the above written particulars are true to the best of my knowledge.

Place: Surathkal

RAVI SANKANNAVAR