

Shivakumar Ramachandra

Assistant Professor



shivakumarr.che@bmsce.ac.in

+91- 80 26622130-135, Extn: 6093

P.B. No- 1908, Department of Chemical Engineering,
B.M.S. College of Engineering, Bengaluru-19,
Bengaluru, India

EDUCATION

**Presently Pursuing my P.hD in the area of
Blended coal kinetics and resume of
Agricultural residues.**

B.M.S. College of Engineering

11/2013 – Present

M.Tech in Chemical Engineering

SIT, Tumkur, VTU university

08/2007 – 08/2009

B.E. in Chemical Engineering

B.M.S. College of Engineering, Bengaluru

08/2002 – 08/2006

WORK EXPERIENCE

Research Assisted

Central Power Research Institute, Bangalore,
India

04/2008 – 08/2009

Graduate trainee

Green Circle INC, Bangalore, India

07/2006 – 08/2008

**Working As Assistant Professor in B.M.S.
College of Engineering**

Department of Chemical Engineering,
Bangalore, India

08/2009 – Present

PUBLICATIONS DETAILS

Google Scholar : https://scholar.google.com/citations?user=_bNlvXEAAA&hl=en

ORCID ID: <https://orcid.org/0000-0001-6729-4574>

Researcher ID: O-9688-2015

Scopus author ID: 35933682700

SKILLS

Modelling and Simulation using UNISIM simulation tool

C-programming and MATLAB programming

Computational Fluid Dynamics tool ANSYS CFX

PROJECTS CARRIED OUT

Combustion Kinetics of Coal, Biomass and their
Blends

Carbon Dioxide Sequestration using Vacuum swing
adsorption studies

Applications of marine and micro algae

Synthesis of Nano-particles from chemical and plant
source for different applications like catalyst and
adsorption studies

Modelling and solving the process the flow sheet
using UNISIM design Tool

AWARDS

Award of Seed Money to carry out research work
TEQIP II grant of Rs.1.0 Lakhs, 2017.

Award of grant to carry out research work by TEQIP II
grant of Rs.5.0 Lakhs, 2017.

LANGUAGES

English
Professional Working
Proficiency

Kannada
Full Professional Proficiency

Hindi
Full Professional Proficiency

Telugu
Full Professional Proficiency

INTERESTS

Music

Playing Cricket

Reading Books