



Dr. Krishne Gowda. B. M.
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RESUME

ACADEMIC RECORD

DEGREE : **Ph. D**
University : **V.T.U. BELGAVI.**
Thesis Title : “Natural Convection in cavities of Trapezoidal shape”

POST GRADUATION : **M.Tech.**
Specialization : **Thermal Power engineering** Institution
: Siddaganga Institute of Technology.
University : Visvesvaraya Technological University.
Year of Passing : February 2009.
Results : **Ist class**

GRADUATION : **B.E. (Mechanical Engineering)**
Institution : National Institute of Engineering, Mysuru.
University : Mysuru University.
Year of Passing : Aug. 1999.

WORK EXPERIENCE : 20 years and 4 months (present to previous)

Institution : Sri Krishna Institute of Technology, Bengaluru.
Designation : Associate professor
Duration : **Sept. 2011 to till date (12 years and 4 months)**

Institution : Alpha College of Engineering, Bengaluru.
Designation : Lecturer
Duration : **: June 2008 – July 2011 (03 years & 1 month)**

Institution : S.E.T polytechnic, Melukote, Mandya.
Designation : Sr. Grade Lecturer
Duration : **August 2000 – July 2005 (5 years)**

Industry experience : 1 year and 06 months

❖ **CURRENT AREA OF RESEARCH: Fluid Flow and Natural convection Heat Transfer in**

Enclosures. Computational Fluid dynamics. Heat exchanger analysis, thermal management in electronics circuits.

PUBLICATIONS:

1. Krishne Gowda B. M., M.S.Rajagopal, Aswatha., K.N Seetharamu “*Numerical Studies on Natural Convection in a Trapezoidal Enclosure With Discrete Heating*”,*Int. J. of Heat Transfer Engineering* Springer Journal,12 Feb. 2019 .
2. Krishne Gowda B. M., M.S.Rajagopal, Aswatha, K.N Seetharamu “*Heat Transfer in a Side Heated Trapezoidal Cavity With Openings*”,. *Journal of Engineering Science and Technology An Int.Journal*, EVSE,22.2019.pp.153-167
3. Krishne Gowda B. M., M.S. Rajagopal, Aswatha, K.N Seetharamu “*The Influence of Heating Side Length and Cavity Orientations on Free convection in a Trapezoidal Enclosure*”,. *International Journal of Research in Engineering and Technology*. Volume6, Issue5, May 2018,pp.49-64
4. Prasanna gouda ,sagar ,doreswamy,Krishne Gowda B. M., “*Validation study and CFD analysis of k-ε model by using discrete jet swirler*” *International Journal of innovative Research in science Engineering and applied sciences*”. Volume 7, Issue5, june17, 2018,issn:2347-6710
5. Krishne Gowda B. M., Nagaraju, Aswatha, K.N Seetharamu “*Natural convection with square cavity with partitions from bottom adiabatic ,and top walls*” ” *International Journal of innovative Research in science Engineering and applied sciences*” volume 7 may-2018,:2347-6718
6. Appese S D , N Pattar, Dinesh, S .Gowda ,Doreswamy,Krishne Gowda B. M “*Performances characteristics of neem biofuel blends with kerosene using domestic kerosene stove*” ” *International Journal of innovative Research in science Engineering and applied sciences*” volume 7 may-2018,:2347-6718

CONFERENCES:

1. Krishne Gowda B. M., M. S. Rajagopal, Aswatha., K.N Seetharamu, “*Analysis of Natural Convection in a Cavity Subjected to Heat flux Boundary Conditions at Bottom Wall*”,*National conference RTME-2013* held at Sri Krishna Institute of Technology, Bengaluru. INDIA.
2. Krishne Gowda B. M., M.S. Rajagopal, Aswatha., K.N Seetharamu, “*Effect of Discrete Heat Flux on Natural Convection in a Divergent Trapezoidal Cavity*”, *Int. Conf. on Fluid Dynamics and its Applications*, July 12 – 14, 2017, at B N M Institute of Technology, Bengaluru - 560 070, INDIA.
3. Krishne Gowda B. M ,Prasanna gouda ,sagar ,doreswamy,, “*Validation study and CFD analysis of k-ε model by using discrete jet swirler*” *International Journal of innovative Research in science Engineering and applied sciences*” at Sri Krishna Institute of Technology, Bengaluru. INDIA.

❖ **WORKSHOP ATTENDED**

- Two -weeks ISTE Workshop on **Computational Fluid Dynamics** conducted by **Indian Institute of Technology**, Bombay, from 12th to 22nd **June, 2012**.
- International Symposium on **Micro/Nano Scale Heat Transfer** (sponsored under TEQUIP-Phase II), Organized by the Department of Mechanical Engineering, **P.E.S Institute of Technology, Bengaluru**, on 26th and 27th **December 2013**.
- AICTE Sponsored Workshop on **Smart Materials, Structures and Systems**, held at **Government Engineering college, Kushalnagar**, from 23rd to 25th **January-2014**.
- Workshop on **Recent Trends in Renewable Energy Resources** from 22nd to 25th **June, 2015**. Organized by **VIAT, Muddenahalli, and Chickaballapur**.
- AICTE Sponsored Workshop on 5-day online **FDP on the theme “ Inculcating Universal Human Values in Technical Education”** from 14th March to 18th March
- Workshop Part 1 of the online UHV refresher FDP organized by AICTE from 25th April to 29th April -2022.

SKILLS PROFILE

Software Packages : SOLID EDGE, ANSYS, FLUENT.
Computer Language : C++
Subjects Taught : Basic Thermodynamics, Applied Thermodynamic,
Heat and Mass Transfer, Turbo machines, CAED. , Control Engineering

PERSONAL DETAILS

Father's Name : Mote Gowda.
Date of Birth : 05 -06-1970
Nationality : Indian
Gender : Male
Marital Status : Married
Languages Known : Kannada, English & Hindi

REFERENCE.

Dr. K.N. Seetharamu,
Former Chair Professor, Dept.of
Mech.Engg, PES University
Bengaluru-85

Place: Bengaluru

Date : 16 – Feb -2024