



## BIO DATA

**Name:** Dr. D V Chandrashekhar  
**Designation:** Vice Principal, Professor & Head  
**Department:** Mathematics

### 1 EDUCATIONAL QUALIFICATIONS

Sl. No	Course	Branch/ Specialization	Name of the University/ Board	Name of the Institute	Year of Passing	Class & % Marks
1	Ph.D	Fluid Mechanics	Bangalore	Central college	2004	---
2	M.Phil.	Mathematics	Bangalore	Central college	1997	70%
3	M.Sc.	Mathematics	Bangalore	Central college	1995	68%

### 2 DETAILS OF EXPERIENCE TEACHING

Sl.No	From	To	Name of the Institution	Designation	Subjects Taught
1	1995	1996	University of Visvesvaraya College of Engineering (Day & Evening),	Guest Lecturer	Engg. Mathematics
2	1997	Till date	VKIT, Bangalore	Vice Principal, Professor & Head	Engineering Mathematics-I Engineering Mathematics-II Engg Mathematics-III Engg Mathematics-IV Advance Mathematics-1 Advance Mathematics-II Linear Algebra

### 3. AWARDS AND RECOGNITIONS

“Prof. H Shanke Gowda Educational Trust Award” for Research and Teaching in Vivekananda Institute Of Technology.

#### 4. AREAS OF INTEREST

Sl.no	Theory Subjects of Interest to Teach	Areas of Research Interest
01	Advanced Fluid Mechanics, Mathematical modeling, Numerical Methods, Operation research, Linear algebra, Probability and statistics.	Advanced Fluid Mechanics,

#### 5. PROGRAMS/SEMINARS/CONFERENCES ORGANIZED

##### RESEARCH PUBLICATIONS (JOURNAL/CONFERENCE/BOOK/MONOGRAPH):

1. "Flow past an impervious sphere embedded in a porous medium based on non-Darcy model". *7<sup>th</sup> Asian Congress of Fluid Mechanics*, 565-568, 1997.
2. "Flow past an impermeable sphere embedded in porous medium with Brinkman model". *Int. J. Appl. Mech. and Engg.*, Vol 10.No.1 p 145-158, 2004.
3. "Electrically conducting flow past an impervious sphere and embedded in a sparsely packed porous medium in the presence of transverse magnetic field". *12<sup>th</sup> Asian Congress of Fluid Mechanics*, 1-4, 2008.
4. "Numerical solution for mixed convection heat transfer from a vertical heated plate embedded in a sparsely packed porous medium". *Mapana J Sci.* 10, 2, 37-52 (2011).
5. "Stokes flow of micro polar fluid flow past a solid sphere". *Int. J R&R in Appl. Maths and Com. Sci*, Vol. 1 No.6, 1-8, (2011).
6. "Numerical study for flow past an impermeable sphere". *Int. J of Appl. Math and Mech.* 9(2): 69-79, (2013).
7. "Numerical Study of Double Diffusive Mixed Convection with variable Fluid properties". *Int. J. Engng. Res. & Tech.*, volume 2, Issue 9, pp. 131-139 (2013).
8. "Effects of variable fluid properties and MHD on Mixed convection heat transfer from a vertical heated plate Embedded in a sparsely packed porous medium". *IOSR Journal of Mathematics*, Vol. 7 Issue 1, pp20 - 31(2013).
9. "MHD Effect on Relative Motion of Two Immiscible Liquid Spheres". *International Journal of Fluid Dynamics and Research* (Accepted, 2013).
10. "Flow of conducting fluid on solid core surrounded by porous cylindrical region in presence of Transverse Magnetic field". *Mapana, Journal of Science*, 13(3), 13-29, (2014).
11. "Shooting Method to study Mixed Convection past a vertical heated plate with variable fluid properties and internal heat generation". *Mapana, Journal of Science*, 13(3), 31-50, (2014).
12. "Micropolar fluid flow past an impermeable sphere - Numerical approach". *Materials Today Proceedings*, Science Direct, Elsevier (Accepted, 2016).

13. "Effects of variable fluid properties and internal heat generation on double diffusive mixed convection past a vertical heated plate". Materials Today Proceedings, Science Direct, Elsevier(Accepted, 2016).
14. "MHD mixed convection heat transfer from a vertical heated plate embedded in a sparsely packed porous medium with variable fluid properties". Int. J. Engg. Sci., (submitted for publication).

## **PAPERS PRESENTED/ ATTENDED**

- ❖ Third Instructional Conference on "Mathematical Modeling of Pollutant Transport in the Natural Environment" during December 1-5, 1997 held at UGC-DSA Centre in Fluid Mechanics, Bangalore University, Bangalore.
- ❖ One day workshop on "World Water Day 1998" organized by UGC-DSA Centre in Fluid Mechanics on March 21, 1998 at Bangalore.
- ❖ Two Day Symposium on "Recent Trends in Fluid Mechanics" organized by UGC – DSA Centre in Fluid Mechanics, Department of Mathematics, Bangalore University, Bangalore during November 22-25, 1998.
- ❖ UGC South Zone Workshop on Mathematical Modeling of Environmental Pollution and Materials Science, UGC-CAS in Fluid Mechanics, Dept. of Mathematics, Bangalore University, Bangalore, during May 17-20, 1999.
- ❖ Attended a three day symposia on "Recent Findings in Fluid mechanics", during 22 – 24 July, 1999, organized by UGC-DSA Centre in Fluid Mechanics, Department of Mathematics, Bangalore University, Bangalore.
- ❖ UGC South Zone Workshop on Mathematical Modeling of Environmental Pollution and Materials Science, UGC-CAS in Fluid Mechanics, Dept. of Mathematics, Bangalore University, Bangalore, during May 17-20, 1999.
- ❖ Attended the International Instructional Conference on "Frontiers in Biomechanics Supplemented with Yoga Concepts" organized by UGC-DSA Centre in Fluid Mechanics, Department of Mathematics, Bangalore University, Bangalore and VKYOGAS, Jigani during December 12-15, 1999 at Jigani.
- ❖ Attended the 44<sup>th</sup> Congress of Indian Society Theoretical and Applied Mechanics, REC, Warangal during December 22-25, 1999.
- ❖ Attended the 45<sup>th</sup> Congress of Indian Society Theoretical and Applied Mechanics, Shivakashi during December 26-29, 2000.
- ❖ Attended International Conference on "The Frontiers of Plasma Physics and Technology" organized by National research Institute for Applied Mathematics and UGC – CAS in Fluid Mechanics, Bangalore University, Bangalore during December 9 – 14, 2002.
- ❖ Attended a two day workshop on "Modeling on Nano and Smart Materials" held at UGC – CAS in Fluid Mechanics, Bangalore University, Bangalore during March 28-29, 2003.
- ❖ National Seminar on "Recent Trends in Fluid Mechanics" held at Department of Mathematics, Gulbarga University, Gulbarga during February 5-6, 2004.

- ❖ International Symposium on “Advances in Fluid Mechanics” held at Department of Mathematics, UGC – CAS in Fluid Mechanics, Bangalore during June 21-22, 2004.
- ❖ Attended two day symposium on “Recent trends in fluid mechanics” held on 10<sup>th</sup> & 11<sup>th</sup>, 2004 at UGC-CAS in fluid mechanics, Bangalore University, Bangalore.
- ❖ Attended a two day International workshop on “Convection” held at Jawaharlal Nehru Center for Advanced Scientific and Research, Bangalore during March 1-2, 2005.
- ❖ Attended a one day workshop on “Mathematical Neuroscience – An Introduction” held on 27<sup>th</sup> July, 2005 at II Sc, Bangalore 560 012.
- ❖ Attended one week winter school – 2005 on “ Introduction to Partial Differential Equations ” from December 19<sup>th</sup> to 23<sup>rd</sup>, 2005 at II Sc, Bangalore – 560 012.
- ❖ Attended and presented a paper in “Fluid Days – An International Conference” organized Jawaharlal Nehru Centre for Advanced Scientific and Research, Jakkur, Bangalore on 31<sup>st</sup> December 2007 and 1<sup>st</sup> January 2008.
- ❖ Attended Four days workshop on “Advanced Linear Algebra and its applications to Engineering” organized by Department of Mathematics, MSRIT, Bangalore, during 17<sup>th</sup> to 20<sup>th</sup> July, 2013.
- ❖ Attended and presented a paper in International conference on Recent trends in Engineering & Material science held at Jaipur National University, Jaipur on 18th - 20th, March 2016.
- ❖ Attended Six days workshop on “Discrete Structures, Modelling & Scientific Computing in Mathematical Engineering” organized by Department of Mathematics, MSRIT, Bangalore, during 16<sup>th</sup> to 21<sup>st</sup> January, 2017.

## 6 PERSONAL INFORMATION

DATE OF BIRTH: 17.05.1973	AGE: 46YRS.	SEX: MALE
HIGHEST QUALIFICATION: M Sc., M Phil., Ph.D.		
ADDRESS PERMANENT/ COMMUNICATION: No.1344, 19th main Road, D Group layout, Srigandada Kavelu, Bangalore-560 091		
PHONE NO: MOBILENO:+91-9448394326, +91-8792860574 BLOOD GROUP: O <sup>+</sup> ve AADHARA NO :3674 6630 9006	e –mail: <a href="mailto:dvchandru@gmail.com">dvchandru@gmail.com</a>	
Fathers Name: VENKATAIAH D T	Mothers Name: LAKSHMIDEVAMMA	