



Government of Karnataka



Department of Collegiate & Technical Education

# Government First Grade College, Raichur

(Accredited by NAAC with 'B' Grade)

*Department of Mathematics*

**PERSONAL PROFILE**



**DR. MAHABOOB ALI**

Asst. Professor

&

Head of the Department

## Personal Details :

- 1 Name : **Dr. Mahaboob Ali**
- 2 Date of Birth : 09-08-1974
- 3 Qualification : M.Sc., M.Phil., B.Ed. ,Ph.D.
- 4 Designation : Assistant Professor
- 5 Date of Appointment : 28-12-2007
- 6 Address: Office : Government First Grade College, Raichur-584 101



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## Academic Qualifications :

- 2000-2006** : **Ph.D. in Mathematics** (awarded Feb-. 2007)  
Dept. of Mathematics, Gulbarga University,  
Kalaburagi-585106, Karnataka, INDIA  
**Topic :**  
**Some Aspects of Heat and Mass Transfer Phenomena in  
Visco-Elastic Boundary Layer Flow.**
- 1999-2000** : **B.Ed.**  
M.M. College Of Education  
(Affiliated to Kuvempu University)  
DAVANGERE-KARNATAKA  
**Percentage : 81.6 %**
- 1997-98** : **M. Phil.**  
Dept. of Mathematics, Gulbarga University,  
Kalaburagi-585106, Karnataka, INDIA  
**Percentage : 75.8 %**

- 1995-1997** : **M.Sc. Mathematics**  
**Specialization with Fluid Mechanics and Graph Theory**  
Dept. of Mathematics, Gulbarga University,  
Kalaburagi-585106, Karnataka, INDIA  
**Percentage : 83.7 %**
- 1992-1995** : **B.Sc. (PCM)**  
**Vijayanagara College Hospet**  
**(Affiliated to Gulbarga University)**  
**Percentage : 66.7 % (Aggregate)**

### **Professional Experience :**

- Teaching Experience** : **UG-12Years**  
**PG-8 years**
- Research Experience** : **13 years**

### **Present Position :**

**Assistant Professor of Mathematics**

**&**

**Head of the Department**

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**PG-Coordinator**

**&**

**Nodal Officer, Govt. Model Degree College, Sidrampur-Raichur.**

### **Academic Positions:**

- Member of **Board of Studies** in Department of Mathematics, Gulbarga University, Kalaburagi for the academic year-2017-2020
- Member of **Board of Examinations** in Department of Mathematics, Gulbarga University, Kalaburagi for the academic year-2017-18

## **Achievements:**

- Received Merit University Fellowship of Rs. 1600 PM for Ph. D. research work.(Three Years)
- Secured State Level First Position in the recruitment of Asst. Professor post in Government First Grade Colleges through Karnataka Public Service Commission, Bengaluru.

## **Membership/Fellowship of Accredited Bodies:**

- Life Membership of Kannada Sahitya Parishat, Bengaluru
- Life Membership of Karnataka Govt. College Teacher's Housing Board Society.
- Life Membership of Karnataka State Muslim Employee's Association, Bengaluru
- Life Membership of Karnataka State Employee's Housing Board Society, Raichur

## **Computer Skills :**

- Platform - **WINDOWS**
- Language - **FORTRAN, C<sup>+</sup>**
- Packages - **MS OFFICE, LaTeX**
- Mathematical Packages - **ORIGIN, MATHEMATICA, SAGE, MATLAB, SCILAB, MAXIMA.**

## **Research Area:**

- Visco-Elastic Fluid Flow through porous media
- Computational Fluid dynamics
- Numerical methods
- Applications of Graph Theory

## **Training Courses, Faculty Development Programmes attended:**

- Participated in **One Week National Level Faculty Development Program** on **“Development of Teacher’s e-Kit and MOOCs in Four Quadrant Format of e-Content”** from **12<sup>th</sup> September 2020 to 20<sup>th</sup> September 2020** which was organized by GAD TLC MHRD & S.G.B.T. Khalsa college, University of Delhi.
- Participated in **10 Days National Level online Multi Disciplinary Short Term Course** on **“MOOCs, Creation of e-Content Development and OERs”** from **5<sup>th</sup> July 2020 to 14<sup>th</sup> July 2020** which was organized by Govt. First Grade College, K.R. Puram, Bengaluru-Karnataka.
- Participated in the **Refresher Course in Mathematical Science** from **19<sup>th</sup> July 2019 to 31<sup>st</sup> July 2019**, UGC-HRDC, University of Hyderabad, Hyderabad.
- Participated in the **Refresher Course in Mathematical Science** from **13<sup>th</sup> November 2018 to 3<sup>rd</sup> December 2018**, UGC-Academic Staff College, University of Mysore, Mysuru.
- Participated in **One Week National Level Short term Training Program** on **“Tools in teaching, Learning & Research”** from **25<sup>th</sup> to 30<sup>th</sup> November 2016** which organized by Department of Applied Science & humanities, BKIT, Bhalki-Karnataka.
- Participated in the **Refresher Course in Mathematics** from **13<sup>th</sup> September 2012 to 3<sup>rd</sup> October 2012**, UGC-Academic Staff College, University Hyderabad, Hyderabad.
- Participated in **“Teacher Empowerment Training”** conducted by the Department of Collegiate Education, Government of Karnataka in Collaboration with Karnataka Jnana Ayoga during **12-18 February 2012**.
- Participated in the **Orientation Course** from **18<sup>th</sup> June 2009 to 15<sup>th</sup> July 2009**, UGC-Academic Staff College, University Hyderabad, Hyderabad

### **List of Publication in Reputed National/International Journals:**

- **Hydromagnetic Visco-Elastic Fluid Flow and Heat Transfer Over a Non-Isothermal Stretching Surface Embedded in Porous Media**, International Journal of Transport Phenomena, Vol.-4, pp-225-233, 2002.
- **Buoyancy Force and Thermal Radiation Effects in MHD Boundary Layer Visco-Elastic Fluid Flow over a Continuously Moving Stretching Surface**, International Journal of Thermal Science, Vol-44, pp-465-476, 2005.

### **International/National Conference participated and presented the following papers:**

- **“Visco-elastic Fluid Flow with Magnetic Field and Chemically Reactive Species”** at the **National Conference on Recent Advances in Applied Mathematics “NCRAAM-2014”** on 11-12<sup>th</sup> SEP. 2014 organized by Department of Mathematics, Gulbarga University, Kalaburagi, Karnataka-India.
- **“Flow and Heat Transfer of Electrically Conducting Visco-Elastic Fluid Flow Over a Non-Isothermal Sheet Embedded in a Porous Medium”** at the **National Conference on Recent Advances in Physical and Mathematical Science** on 26-27<sup>th</sup> March 2018 organized by Government First Grade College, Afzalpur, Dist:Kalaburgi, Karnataka-India.

## **International / National Conference / Symposium / Trainings participation :**

- Participated in National Webinar on “ **TEACHER EDUCATION IN 21<sup>st</sup> CENTURY**” held on **01<sup>st</sup> September 2020**, organized by Anjuman-E-Islam College of Education, Vijayapur-Karnataka.
- Participated in National Webinar on “**Fluid Mechanics and its Applications in Engineering Science**” held on **24<sup>rd</sup> June 2020 to 27<sup>th</sup> June 2020** , organized by Department of Mathematics, PES-Institute of Technology & Management, Shivamogga-Karnataka.
- Participated in National Webinar on “**Modern Theory of Dynamical Systems**” held on **23<sup>rd</sup> June 2020**, organized by Department of Mathematics, ST. Aloysius College Mangaluru-Karnataka.
- Participated in International Webinar on “**MATHEMATICAL MODELS IN MACHINE LEARNING & ELECTRIC CARS IN FUTURE OF TRANSPORTATION**” held on **18<sup>th</sup> June 2020**, organized by Department of Mathematics, Jyoti Nivas College, Bengaluru.
- Participated in International Web Conference on “**SCIENCE, ENGINEERING & TECHNOLOGY (IWCSET-2020)**” held on **15<sup>th</sup> May 2020 to 16<sup>th</sup> May 2020** , organized by Society for Technologically Advanced Materials of India (STAMI).
- Participated in “**DIKSOOCHI**” National Webinar FDP on “ **DIGITAL ERA OF TEACHING**” held on **11<sup>th</sup> May 2020 to 13<sup>th</sup> May 2020** organized by Diksoochi Mysuru-Karnataka.
- Participated in KSTA National Conference on “**SCIENCE AND TECHNOLOGY EDUCATION**” held on **21 - 22 July 2017** at University of Agricultural Sciences, Raichur-Karnataka.
- Participated in State Level workshop on “**IMPLEMENTAION OF CHOICE BASED CREDIT SYSTEM FOR UNDERGRADUATES**” held on **24<sup>th</sup> September 2016** organized by B.R.B. College of Commerce Raichur.

- Participated in State Level Seminar on “ **HIGHER EDUCATION : OPPORTUNITIES AND CHALLENGES**” Jointly Organized by Hyderabad Karnataka Government College Professor’s Federation and Gulbarga University Kalburagi, held **on 29<sup>th</sup> February 2016 to 1<sup>st</sup> March 2016.**