

**Dr. G.S.BHASKARA RAO**

**Department:** Basic Sciences and Humanities (Professor & HOD)

**College:** Gudlavalleru Engineering College



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**RESIDENTIAL ADDRESS:**

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**ACADEMIC QUALIFICATIONS:** M.Sc., Ph.D., M.Ed.,

**ACADEMIC REWARDS / ACHIEVEMENTS:**

Ph.D in NIT – Warangal, Andhra Pradesh

**PROFESSIONAL EXPERIENCE:**

Designation	Institution	Period
Professor & HOD	Gudlavalleru Engineering College, Gudlavalleru	2008 to Till Date
Associate Professor	Gudlavalleru Engineering College, Gudlavalleru	2006 - 2008
Assistant Professor	Gudlavalleru Engineering College, Gudlavalleru	1998-2006

**PROJECTS GUIDED:**

PhD	Post Graduation	Under Graduation
NIT, Warangal	Osmania University	Osmania University

**SPECIALIZATION:** Fluid Mechanics in Ph.D

**RESEARCH PAPERS / BOOKS:**

**BOOKS PUBLISHED IN PUBLICATIONS:** NIL

**RECENT PUBLICATIONS/CONFERENCES:** NIL

International/ National Journals	International / National Conferences
04	02

1. MICROPOLAR FLUID FLOW THROUGH A RECTANGULAR CHANNEL UNDER PERIODIC PRESSURE GRADIENT
  2. STEADY FLOW OF AN INCOMPRESSIBLE MICROPOLAR FLUID THROUGH A RECTANGULAR CHANNEL
  3. “Resonance Type Flow due to Rotary Oscillations of a Sphere in a Micropolar Fluid”  
*Procedia Engineering Journal, Vol. 127 (2015), PP-1323-1329.*
  4. “Resonance Type Flow due to Rectilinear Oscillations of a sphere in a Micropolar Fluid”  
*Journal of Physics Conference Series, Vol. 662 (2015),doi10.1088/1742-6596/662/1/012015.*
1. “Resonance type flow due to Rectilinear Oscillations of a Circular Cylinder in a Micropolar Fluid” in International conference on “Fifty Ninth Congress of The Indian Society of Theoretical and Applied Mechanics ISTAM - 2014” held at Alliance College of Engineering and Design Alliance University, Bengaluru, from 17<sup>th</sup> to 20<sup>th</sup> December, 2014.
  2. “Resonance Type Flow due to Rectilinear Oscillations of a sphere in a Micropolar Fluid” in International conference on “Vibration Problems” held at Kakatiya University, Warangal from 18<sup>th</sup> – 20<sup>th</sup> February 2015.

#### **LIST OF WORKSHOPS ORGANIZED:**

- ❖ RECENT TRENDS IN MATHEMATICS APPLIED TO SCIENCE AND TECHNOLOGY at Gudlavalleru Engineering College, Gudlavalleru from 20-04-06 to 22-04-06
- ❖ “MATHEMATICAL TECHNIQUES” at Gudlavalleru Engineering College, Gudlavalleru on 1-12-2007
- ❖ 3-DAY WORKSHOP ON "SCOPE OF SCIENCES AND MATHS IN ENGINEERING" at Gudlavalleru Engineering College, Gudlavalleru from 11-08-2011 to 13-08-2011.
- ❖ APPLICATIONS OF MATHEMATICS IN ENGINEERING at Gudlavalleru Engineering College, Gudlavalleru from 09-11-2013 to 10-11-2013
- ❖ “OPTIMIZATION TECHNIQUES AND ITS APPLICATIONS” at Gudlavalleru Engineering College, Gudlavalleru on 13-09-2014.
- ❖ “Numerical Methods with Matlab” (Theory & Hands on Experience) organized by BS&H dept., Gudlavalleru Engineering College, Gudlavalleru, from 25–28 June 2018.

#### **LIST OF WORKSHOPS /SEMINARS ATTENDED:**

- ❖ A.P.S.M.S Conference at Echerla, Srikakulam December 2000 at Ambedkar PG Centre, Andhara University.
- ❖ A.P.S.M.S Conference at Nandyal, December 2001 at Sri Rama Krishna Reddy degree and PG centre.
- ❖ A.P.S.M.S Conference at Padmavathi Mahila Univeristy, Tirupati, in June 2002.
- ❖ National Seminar, Osmania University, January 2003
- ❖ International Conference Ranchi, Jarkhand State date 17-19, 2003.
- ❖ International Conference central University, Hyderabad, December 2004.
- ❖ APSMS Conference Conducted by Kakatiya University Warngal September 2006.

- ❖ One Day Workshop on “Fuzzy Mathematics in Engineering Control : An Example Oriented Treatise” Conducted by Gudlavalleru Engineering College, Gudlavalleru on 21<sup>st</sup> February, 2016.
- ❖ Two day workshop on ““Multivariate Analysis using R-Software” Conducted by Gudlavalleru Engineering College, Gudlavalleru on 12<sup>th</sup> & 13<sup>th</sup> November, 2016.
- ❖ “A Five - Day workshop on R-Programming for Statistical Computations”, Part-I, organized by dept. of BS&H, Gudlavalleru Engineering College, Gudlavalleru, 24 – 25 June 2017.
- ❖ Four day workshop on “Numerical Methods with Matlab” (Theory & Hands on Experience) organized by BS&H dept., Gudlavalleru Engineering College, Gudlavalleru, from 25–28 June 2018.

**CERTIFICATIONS: NIL**

**INDUSTRIAL TRAINING: NIL**

**GUEST LECTURES DELIVERED: NIL**

**MEMBERSHIP IN PROFESSIONAL BODIES:** APSMS Life Member

**CONSULTANCY ACTIVITIES: NIL**

**GRANTS FETCHED: NIL**