

## **DR. A.P. SINGH**

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## **RESUME**

- 1- **Name** : Dr. Arun Prakash Singh
- 2- **Parent's Name** : Late Shri M.L. Pal, Late Smt Ram Shree Pal
- 3- **Date of Birth** : July 25<sup>th</sup> 1967
- 4- **Nationality** : Indian
- 5- **Marital Status** : Married
- 6- **Religion** : Hindu
- 7- **Language Known** : Hindi & English
- 8- **Permanent Address** : G-21 Ramganga Vihar –I, MDA Colony, Kanth Road, Moradabad 244001 (UP) India
- 9- **Designation & Official Address** : Associate Professor, Dept of Physics  
Hindu College, Moradabad  
drapsinghmbd@yahoo.com  
9456883786, 8126157288
- 10- **Date of Appointment** : 15 Feb 1991
- 11- **Date of Promotion** : 15 Feb 2000 as Reader/Associate Professor
- 12- **Academic Qualification** : (i) M.Sc. Physics (Electronics) - Rohilkhand University, Bareilly - 1990  
(ii) Ph.D. - Rohilkhand University, Bareilly -1997
- 13- **Title of Thesis** : “Some analytical study on Laminar Convective Flow”
- 14- **Teaching Experience** : 15 Feb 1991 to till date at U.G. and P.G. level

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- 15- **Administrative Experience** : i) Working as **Chief Proctor**, Hindu College Moradabad  
ii) Worked as **Senior Superintendent** of Exam conducted by C.C.S. University Meerut  
iii) Worked as Additional **Senior Superintendent** of Exam conducted by MJP Rohilkhand University Bareilly  
iv) Worked as **Assistant Coordinators** of Exam conduct by MJP Rohilkhand University Bareilly  
v) Member of board of studies faculty of science, MJPR University Bareilly.
- 16- **List of Ph.D Awardees** : i) Suyash Shrivastava  
ii) Smt. S. Jain  
iii) Smt. Jyoti Gupta  
iv) K.K. Tiwari  
v) Moh. Gufran Ali Siddqui
- 17- **List of Paper publication**
- I. COMBINED EFFECT OF A TRANSVERSE AGNATIC FIELD AND RADIATION HEAT TRANSFER TO A OSCILLATORY MHD FLOW THROUGH THE POROUS MEDIUM.
- II. AN EXTENSION TO A VORTICITY FLUX THEOREM FOR A GENERICALLY CONSERVED HYBRID VELOCITY MAGNETIC FIELD COMBINATION IN GRMHD.
- III. MAGNETO - OPTIC RECORDING TECHNOLOGY – A REVIEW
- IV. A COMPUTATIONAL FLUID DYNAMIC FLOW AND HEAT TRANSFER IN TWO PHASE MICRO-CHANNELS CASE REVIEW.
- V. A COMPRATIVE STUDY OF ELECTROMAGNETI C FIELD EQUATIONS OF RELATIVISTIC HYDRODYNAMICS AND IDEAL MAGNETOHY-DRO DYNAMICS.
- VI. STUDY OF DESIGN A MULTI-PHASE MODELING COMPUTATIONAL FIOWS FRAME WORK IN THREE DIMENSIONAL POROUS MEDIA.

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VII. DYNAMIC FLUID FLOW AND HEAT TRANSFER IN DIFFERENT MICRO - CHANNELS WITH NUMERICAL TECHNIQUES CASE STUDY.

VIII. AN EXPERIMENTAL AND NUMERICAL INVESTIGATION OF FLUID FLOW AND HEAT TRANSFER IN DIFFERENT MICRO- CHANNELS.

IX. STUDY OF FLUID FLOW AND HEAT TRANSFER IN DIFFERENT MICRO - CHANNELS – COMPUTATION FLUID DYNAMICS.

X. A NOTE ON THE STABILITY OF GENERALIZED HYDROMAGNETIC THERMAL SHEAR FLOWS IN THE PRESENCE OF HORIZONTAL MAGNETIC.

XI. A NOTE ON LINEAR STABILITY OF STEADY HYDROMAGNETIC FLOWS OF AN INCOMPRESSIBLE FLUID.

- 18- **Co-curricular Activities** :
- i. Worked as Member of NAAC committee- 07<sup>th</sup> and 8<sup>th</sup> Feb 2011.
  - ii. Worked as convener Annual Function and prize distribution program-2013.
  - iii. Life Member of the Indian Association of Physics Teacher since 16 April 1993.
  - iv. Attended National Seminar on applied Mathematics and Computational Physics, 25-26 Feb 2012.
  - v. Attended National Seminar on Women Empowerment held on 01.12.2018

### **Declaration**

I, hereby declare that above mentioned statements are true and correct to the best of my knowledge and belief.



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Associate Professor  
Dept. of Physics,  
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