

## *Curriculum Vitae*

- (1) Name of Candidate : **Deepak Kumar Maurya**
- (2) Father's Name : **Shri Ram Maurya**
- (3) Mother's Name : **Smt. Chandrawati Devi**
- (4) Date of Birth : **July 06, 1994**
- (5) Designation : **Assistant Professor (Mathematics)**
- (6) Specialization : **Fluid Mechanics**
- (7) Nationality : **Indian**
- (8) Gender : **Male**
- (9) Religion : **Hindu**
- (10) Blood Group : **B<sup>+</sup>**
- (11) Permanent Address : **Jagdishpur Kadipur,  
Alauddinpur-224137,  
Ambedkar Nagar,  
Uttar Pradesh, India**
- (12) Corres. Address : **Dept. of Mathematics, Prof.  
Rajendra Singh (Rajju Bhaiya)  
Institute of Physical Sciences For  
Study & Research, Veer Bahadur  
Singh Purvanchal University,  
Jaunpur-222003 (U.P.), India**
- (13) E-mail Addresses : **deepak893395@gmail.com**
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**(15) Academic Details :**

Exam. passed	University/ Board	Year of Passing/ Appearing	Division / Rank
<b>B. Sc.</b>	Dr. R. M. L. Avadh University, Ayodhya	2014	1 <sup>st</sup>
<b>M.Sc.</b>	University of Allahabad, Prayagraj	2016	1 <sup>st</sup>
<b>D.Phil.</b>	University of Allahabad, Prayagraj	2016	Pursuing
<b>NET-CSIR</b>	CSIR Complex, Pusa, New Delhi	2015 2016 2017	AIR-96 AIR-99 AIR-73
<b>JRF-CSIR</b>	CSIR Complex, Pusa, New Delhi	2017	AIR-196
<b>GATE</b>	IIT Roorkee	2017	AIR-291

**(16) Experiences**

- National Service Scheme (N.S.S.)
- Teaching : **I have taught to the B.A./B.Sc. students from**

**session 2017- 2019 as a  
Research Scholar in  
University of Allahabad.**

- Conferences/ Workshops: **03 (GIAN Course)  
02(Conference)  
04 (Workshop)  
01 (National Seminar)**
- Blood Donation : **05 times**

**(17) Attended/ participated in the workshops, seminar/  
conferences:**

**I.** Participated in the GIAN short term course entitled “Monotone Iterative Techniques” organized by IIT, Patna (Bihar) during *November 05-11, 2017*.

**II.** Participated in the GIAN short term course entitled “Introduction to Mathematical Theory of Complex Fluids” organized by NIT, Kurukshetra (Haryana) during *November 17-22, 2017*.

**III.** Participated in the national seminar entitled “Higher Education and Job Opportunities in Rural Areas” organized by Pt. R.L.S. Govt. P.G. College, Alapur Ambedkar Nagar (Uttar Pradesh) during *February 28, 2018*.

**IV.** Participated in the GIAN short term course entitled “Role of Fluid Flow and Mass Transport in Porous Media for Design of Chemical Reactors for Groundwater Remediation” organized by IIT, Guwahati (Assam) during *August 20-24, 2018*.

**V.** Participated in the NCM workshop entitled “Continuum Mechanics: Principles and Applications” organized by Panjab University, Chandigarh (Punjab) during *November 19-24, 2018*.

**VI.** Participated in the National workshop entitled “Advances in Applications of Computational Fluid Dynamics” organized by Motilal Nehru National Institute of Technology, Prayagraj (Uttar Pradesh) during *March 06-11, 2019*.

**VII.** Participated in the workshop entitled “Applications of MATLAB in Science and Technology” organized by Motilal Nehru National Institute of Technology, Prayagraj (Uttar Pradesh) during *April 01-05, 2019*.

**VIII.** Participated in the workshop entitled “MATHEMATICA as a Teaching Aid” organized by IIT, Roorkee (Uttarakhand) during *June 10-14, 2019*.

**(18) Paper presented in conferences:**

**I.** Presented the research paper entitled “Stream Function of the Brinkman Equation in Parabolic Cylindrical Co-ordinates” in the International conference entitled “Mathematical Modelling and Computations” organized by South Asian University, New-Delhi (Delhi) during *December 01-03, 2018*.

**II.** Presented the research paper entitled “Generalized Stream Function of the Brinkman Equation in the Cylindrical-Polar Co-ordinates” in the National conference entitled “Recent Trends in Mathematics and Their Applications” organized by Shri Ramswaroop Memorial University, Lucknow (Uttar Pradesh) during *February 21-22, 2019*.

**(19) Awards:**

**I.** Junior Research Fellow (JRF)

**II.** Best Paper Presentation entitled “Recent Trends in Mathematics and Their Applications”.

(20) Joined on **November 04, 2019** as **Asst. Professor** in the **Department of Mathematics**, Prof. Rajendra Singh (Rajju Bhaiya) Physical Sciences for Study & Research, **Veer Bahadur Singh Purvanchal University**, Jaunpur-222003 (U.P.), India

**(21) Published Research Paper:**

**I.** Satya Deo and **Deepak Kumar Maurya**, Generalized Stream Function of the Brinkman Equation in the Cylindrical-Polar Coordinates, *Spec. Topics Rev. Porous Media Int. J.*, Vol. 10 (5), pp. 421–428 (2019), **Impact Factor 0.466**.

**II.** **Deepak Kumar Maurya** and Satya Deo, Stream Function of the Brinkman Equation in Parabolic Cylindrical Co-ordinates, *Int. J. Appl. Comput. Math.* **Volume No. 6:167 (2020)**, DOI: <https://link.springer.com/article/10.1007/s40819-020-00920-4>.

**III.** Satya Deo, **Deepak Kumar Maurya**, A. N. Filippov, Influence of Magnetic Field on Micropolar Fluid Flow in a Cylindrical Tube Enclosing an Impermeable Core Coated With Porous Layer, *Colloid J.*, **Accepted (2020)**.