Title	Mr.	**First Name**	ARABIND	**Last Name**	KUMAR	**Photograph**
Designation	Assistant Professor					
Address (Campus)	Department of Mathematics, Vivekananda College, University of Delhi, Vivek Vihar, Delhi-95					
(Residence)						
Phone No. (Office)	-					
(Residence)	Vrindavan Garden, Greater Noida West 201009 UP					
Mobile	9654295363, 7011106079					
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Email	kumararabind@gmail.com, arabindkumar@vivekanand.du.ac.in					
Web-Page	-					

Educational Qualifications		
Degree	**Institution**	**Year**
M.Tech.	IIT Kharagpur	**2013**
M.Sc.	D.A.V. College Kanpur, C.S.J.M. University, Kanpur	**2008**
B.Sc.	R.M.P. College SITAPUR, C.S.J.M. University, Kanpur	**2006**

Career Profile	
Designation	**Duration**
Assistant Professor	**09 Year + Currently Working**

Administrative Assignments

Subjects Taught: Calculus, Differential Equation, Latex & HTML, Computer Algebra System, Statistics, Statistical Software: R, Transportation Problem & Network Flow, Algebra

Research Guidance: -

Publication's profile:

- Arabind Kumar, Ram Baksh, Ranjan Kumar Thakur, Aditya Pratap Singh, **"Data Aggregation in Wireless Sensor Networks"** in International Journal of Science and Research (IJSR) ISSN (Online): 2319-7064, 2014, pp. 249-251.
- Ram Baksh, Ranjan Kumar Thakur, Arabind Kumar, Aditya Pratap Singh, **"Efficient Algorithm for Maximizing Life Time of Wireless Sensor Networks"** in International Journal of Science and Research (IJSR) ISSN (Online): 2319-7064, 2014, pp. 244-248.
- Ranjan Kumar Thakur, Ram Baksh, Arabind Kumar, Aditya Pratap Singh, **"Constraint Satisfaction Problem (CSP) Based Implementation of Scheduling Aircraft at Runway"** in International Journal of Science and Research (IJSR) ISSN

(Online): 2319-7064, 2014, pp. 271-280.

- Aditya Pratap Singh, Ranjan Kumar Thakur, Arabind Kumar, Ram Baksh, **"User Authentication Using Hand Images"** in International Journal of Science and Research (IJSR) ISSN (Online): 2319-7064, 2014, pp. 317-322.
- Arabind Kumar, Sanjay Yadav, Vinod Kumar, Jangirala Srinivas, "**A Cluster-based Data Aggregation Framework for WSN using Blockchain**" in Evolutionary Computing and Mobile Sustainable Networks, 2022, pp 661–672.
- Arabind Kumar, Sanjay Yadav, "**A New Image Encryption Scheme Using RSA Cryptosystem and Arnold Transformation**" in Advances in Computational Intelligence, Algorithms for Intelligent System, 2023, pp. 187-198.

Conference organization/Presentations (in the last three years):

- Presented a paper with title "Cluster Based Data Aggregation in Wireless Sensor Network" in Academia- Industry Consortium for Data Sciences (AICDS), 19-20th December 2020, Organized by College of Science and Technology (CST), Wenzhou-Kean University, Wenzhou, China.
- Presented a paper with title "Cluster Based Data Aggregation Framework for WSN using Blockchain" in International Conference on Evolutionary Computing and Mobile Sustainable Networks [ICECMSN-2021]. Organized by Department of CSE/ISE and Department of ECE, RV Institute of Technology and Management, Bengaluru, India on 28 & 29, September 2021.
- Presented a paper with title "A Secure Framework for Wireless Sensor Network using Elliptic Curve Cryptography" in National Conference on "Mathematical Techniques and Applications" (NCMTA-2021), Organized by Mahatma Gandhi Mahavidyalaya, Ahmedpur Dist. Latur, Maharashtra (INDIA) on 21 Dec. 2021.
- Presented and submitted a paper with title "A New Image Encryption Scheme Using RSA Cryptosystem and Arnold Transformation" in 6th International Conference On Advances in Computational Intelligence IJCACI 2022 Organized by SAU Center for Research and Innovative Learning (SCRIL), South Asian University, India and Jahangirnagar University, Bangladesh OCTOBER 15-16, 2022.

Research Projects (Major Grants/Research Collaboration)

Awards and Distinctions:
- CSIR-NET June (Rank-56) and December (Rank-72) 2009 (Mathematics).
- GATE- 2009 (AIR-526), 2010 (AIR-245) & 2011(AIR-159) (Mathematics)**.**

Other Activities
- RMS-UGTE "Workshop on Finite Group and Applications" from 7th to 9th Feb 2014 organized by Deshbandhu College University of Delhi.
- Workshop on "Foundation Course (BMA)" from 1st to 2nd Feb 2014 organized by Center of Professional Development in Higher Education University of Delhi.
- Workshop on "LATEX" on 9th April 2016 organized by HANSHRAJ COLLEGE, University of Delhi.

- Workshop on "LATEX & HTML" on 27th August 2016 organized by ANDC, University of Delhi.
- I have attended a Two weeks Refresher Course on "DATA ANALYSIS WITH STATISTICAL METHODS" organized Ramanujan College, University of Delhi from 21st December, 2020 – 3rd January, 2021.
- I have attended a National Workshop on "Research Paper and Report Writing in Latex" organized by Northcap University, Gurugram on 1st October 2021.
- I have attended a International Webinar on "Introduction to MATLAB" organized by Department of Mathematics, JSSATE Noida on Sepetember17, 2021.
- I have attended a Two weeks Refresher Course on "DATA ANALYSIS WITH STATISTICAL METHODS" organized Ramanujan College, University of Delhi from 21st December, 2020 – 3rd January, 2021