

Brief Profile

Name	:	Vinay Kumar Singhal	
Date of Birth	:	18- July-1984	
Educational Qualification			
• <i>Ph.D.</i>	:	Pursuing from Banasthali University, Banasthali	
• <i>MCA</i>	:	MJP Rohilkhand University (with honors), Bareilly	
• <i>B.Sc.(PCM)</i>	:	MM PG Degree College, Modinagar	
Work Experience			
• <i>Teaching</i>	:	10 Years 8 Months	
E-mail ID	:	vinay.singhal@miet.ac.in	
Contact No.	:	9027669424	
Area of Interest	:	PHP, Android, Big Data, Website Development	
Teaching			
• <i>Subjects Taught at UG Level</i>	:	Big Data, HTML, CSS & JavaScript	
• <i>Subjects Taught at PG Level</i>	:	Web Technology, DotNet Framework with C#, Android, PHP	
Research Guidance			
• <i>MCA</i>	:	Ten	
Research Publications			
• <i>Journals</i>	:	Nine	
• <i>Conferences</i>	:	NIL	
• <i>Book Chapters</i>	:	NIL	
Patent/IPR (<i>Books Published etc.</i>)	:	One	
STC/FDP/Summer/Winter Schools/Workshops /Seminars attended	:	Ten	
Certification Courses (NPTEL etc.)	:	Pursuing	
Funded Project	:	One	
Name of Project	Funding Agency	Duration	Total Value
Website Development	Nervy Construction Pvt. Limited	2 Months	Rs 10,000
Any other relevant Information	:	Through Out First Division Completed MCA with 8.92 CGPA	

LIST OF PUBLICATIONS

International Journal:

- [1] Vinay Kumar Singhal, “Secured Time Synchronization in Wireless Sensor Networks”, **International Journal of Intelligent Information Processing**, Vol 4, No. 2, pp. 157 – 163, July-Dec 2010.
- [2] Vinay Kumar Singhal, “Offline Minimum Cost Edge Coloring”, **International Journal of Computational Science and Mathematics**, Vol 2, No 1, pp. 31—38, 2010.
- [3] Vinay Kumar Singhal, “Security Issues in UMA: Eavesdropping”, **International Journal of Computer Science and Technology (IJCST)**, Vol 2, Issue 3, Sept 2011.
- [4] Vinay Kumar Singhal and A. Rastogi, “Randomized Algorithm for Conflict-Free Coloring of Graphs & Hypergraphs”, **International Journal of Computer Science and Technology (IJCST)**, Vol 3, Issue1, Jan.-March 2012.
- [5] Vinay Kumar Singhal and A. Rastogi, “Strong fault-tolerant conflict free coloring (Strong FTFC Coloring) for intervals”, **International Journal of Research Studies in Computing**, Vol 1, No 2, Sept 2012 [**Indexed in Google Scholar**].
- [6] Vinay Kumar Singhal and A. Rastogi, “Conflict-free coloring with respect to a subset of intervals” **International Journal of Research Studies in Computing**, Vol 2, No 2, pp. 13-24, Oct 2013.
- [7] A. Rastogi and Vinay Kumar Singhal, “Spanning tree with many leaves in quadratic graph”, **International Journal of Research Studies in Computing**, Vol 3, No 1, pp. 3-12, April 2014.
- [8] Vinay Kumar Singhal, A. Rastogi and A. Sharma, “Conflict-free Coloring for Circular Intervals: Static & Dynamic Approach”, **International Journal of Electrical Electronics & Computer Science**, Vol 2, Issue2, pp. 7-11, 2015 [**Indexed in Google Scholar**].
- [9] Vinay Kumar Singhal, A. Rastogi and A. Sharma, “Strong Conflict-Free Coloring with Respect to Intervals and Circular Intervals”, **International Journal of Advanced Research in Computer Science and Software Engineering**, Vol 5, Issue 2, Feb 2015 [**Indexed in Google Scholar**].

Books / Book Chapters:

- [1] Vinay Kumar Singhal, “Mobile Computing”, **K Nath & Sons**, Meerut 2011