



**Namrata Singh (PhD. Pursuing, M.E(IT))**  
**Assistant Professor**

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**Professional Qualification:**

- **Ph.D in Computer Engineering pursuing,**  
Amity University
- **Master of Engineering Information Technology, 2015**  
Mumbai University, Maharashtra
- **Bachelor of Information Technology Engineering, 2008**  
Mumbai University, Maharashtra

**Short Biodata:**

**Patents/ Products/ Consultancy:**

NA

**Products Developed:**

NA

**Patents:**

NA

**Consultancy Projects:**

NA

**Reviewer:**

NA

**Major Subjects:**

- C, C++, Java, Python, Mongo DB, Business Intelligence, Computer Networks, Mobile Communication

## List of Publication:

### Journal Publications:

1. **“HMM Association based Cache replacement policy in Mobile Environment”**, 1st International Multidisciplinary Conference on “Multidisciplinary approach to advances in science, technology, Environment, Commerce, Economics and Culture” on 25th Feb 2023. **ISBN No:978-93-93789--14-3.**
2. **“ Caching in VANET using Content centric network”**, 1st International Multidisciplinary Conference on “Multidisciplinary approach to advances in science, technology, Environment, Commerce, Economics and Culture” on 25th Feb 2023. **ISBN No:978-93-93789--14-3.**
3. **“A framework for Cache management in Mobile environment”**, International Journal of Recent Scientific Research, Vol 03, Issue 11, 2016, Impact factor (3.908)
4. **“PAID policy for mobility”**, International Journal of Applied Research and Technology-ISSN 2519-5115, Vol 02, Issue 4,2017, Impact factor (4.485)

### Conferences and Workshops Publications:

1. International conference on Advances in computing and Information Technology ICACIT 2014 in association with ELSEVIER in RGIT, Andheri
2. International conference on “Emerging Trends in Technology and its Application” ICETTA-2014 in association with university of Mumbai
3. 3rd National conference on NASCENT TRENDS in INFORMATION and COMMUNICATION TECHNOLOGY EQUINOX-2013, Terna Engineering college
4. ISTE approved one-week STTP on “Simulation and protocol implementation using NS-2 for wireless research” during 6th to 10th Aug 2012 in SIT, Lonavala

### Research and Scholarly Contributions:

- **M. E. Research:** Hidden Markove Model Association based cache replacement policy for Mobile Environment.

### Software Tools:

Cisco Packet Tracer, Microsoft Threat Modeling Tool-2016, Star UML

### Experience:

- 13 years in academics and 1 year in software testing

### Responsibilities Handled:

- Worked as HoD in BSc IT, IQAC committee member, Industrial Visit Committee head (arranged visits around Mumbai and in outer states), University exam committee head

### Declaration

I hereby declare that the foregoing information are correct and complete to the best of my knowledge.

Namrata Singh

Place: Navi Mumbai