



STAFF PROFILE



Ms. Nikita Singhal

Assistant Professor

Computer Engineering

ngupta@aitpune.edu.in

Date of Joining
11/07/2011

Nature of Appointment
Regular

Educational Details

Qualification	Degree	University	Grade	Year
SSC		M.P. Board	85.2%	2003
HSC		M.P. Board	81.33%	2005
Graduation	BTech-IT (Silver Medal)	RGPV Bhopal	83.03%	2009
PG	MTech-CSE (Gold Medal)	DIAT (DU)	82%	2011

Areas of Interest

Computer Networks and Network Security, Machine Learning

Experience Details

Total : 0.00 years	Teaching : 0.00 years	Research : 0.00 years	Industry : 0.00 years
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Type	Duration/ Period	Designation/ Organisation Name	Brief Job Profile
Educational	0.00 Years 11 July 2011 to till date	Assistant Professor AIT Pune	Teaching

Journal Publications

1. Nikita Singhal, (2018). [Results of Implementing Hybrid CAT using IRT and Naïve Bayes](http://ijaerd.com/papers/finished_papers/Results_of_Implementing_Hybrid_CAT_using_IRT_and_Naive_Bayes-IJAERDV0510540667.pdf). *International Journal of Advance Engineering and Research Development*. 5(5), 501-504. ISBN/ ISSN No : 2348-4470. URL : http://ijaerd.com/papers/finished_papers/Results_of_Implementing_Hybrid_CAT_using_IRT_and_Naive_Bayes-IJAERDV0510540667.pdf.
2. Nikita Singhal, (2018). [Hybrid CAT Using Bayes Classification and Two-Parameter Model](https://link.springer.com/book/10.1007/978-981-13-0617-4). *Cognitive Informatics and Soft Computing Proceeding of CISC 2017, Advances in Intelligent Systems and Computing*. 768(-), 189-195. ISBN/ ISSN No : 2194-5357, ISSN 2194-5365 (electronic). URL : <https://link.springer.com/book/10.1007/978-981-13-0617-4>.
3. Nikita Gupta, (2013). [Feature Selection and Classification of Intrusion Detection System using Rough Set](http://interscience.in/ijcns_Vol2Iss2.html). *International Journal of Communication Network Security*. 2(2), 20-23. ISBN/ ISSN No : 2231 – 1882. URL : http://interscience.in/ijcns_Vol2Iss2.html.

Conference Publications

1. Nikita Gupta, (2016). [Real Time Hand Gesture Recognition for Human Computer Interaction](#). *2016 IEEE 6th International Conference on Advanced Computing*. -(), 470-475. ISBN/ ISSN No : 978-1-4673-8286-1.
2. Nikita Gupta, (2015). [Elliptic Curve Cryptography for Cipherring Images](#). *2015 International Conference on Electrical, Electronics, Signals, Communication and Optimization (EESCO)*. -(), 1-4. ISBN/ ISSN No : 978-1-4799-7676-2 .
3. Nikita Gupta, (2012). [Comparative Study of Different Biometric Authorization for Mobile Payment System](#). *International Conference in Recent Trends in Information Technology and Computer Science (ICRTITCS - 2012)*. ICRTITCS - Number 1(-), 21-24. ISBN/ ISSN No : 0975 – 8887.
4. Nikita Gupta, (2012). [Aspect Oriented Modeling of Impersonation Attack for A Secure Account based Protocol for Mobile Payment](#). *International Conference in Recent Trends in Information Technology and Computer Science (ICRTITCS - 2012)*. ICRTITCS - Number 1(-), 16-19. ISBN/ ISSN No : 0975 – 8887.
5. nikita gupta, (2011). Rough Set based Behavior Cluster Modeling in Network Data. *National Conference on Emerging Trends in Soft Computing (NCETSC11)*. -(), 32-37. ISBN/ ISSN No : 978-93-80697-56-7.

Seminar

1. Seminar (Attended), Blockchain Technology & Applications, 2019, Arora Tower Pune

Workshop

1. MOOC Course (Attended), 12 Week Nptel Course on Ethical Hacking, 2019, Online
2. MOOC Course (Attended), 8 week Nptel Course on Introduction to Machine Learning, 2018, Online
3. FDP201x (Attended), FDP201x : Pedagogy for Online and Blended Teaching-Learning Process, 2018, AISSMS Pune
4. MOOC Course (Attended), 8 week Nptel Course on Introduction to Research, 2017, Online
5. SPPU Syllabus Implementation Workshop (Attended), FDP on Computer Networks Lab, 2017, SKNCOE, Pune
6. FDP101x (Attended), FDP101x : Foundation Program in ICT for Education, 2017, Dr DY Patil Institute of Engineering & Technology
7. SPPU Syllabus Implementation Workshop (Attended), FDP on Microprocessor Lab, 2016, MESCOE, Pune
8. SPPU Syllabus Implementation Workshop (Attended), FDP on Microprocessor, 2016, PCCOER, Pune
9. MOOC Course (Attended), 8 week IIT BombayX Course on Educational Technology, 2016, Online
10. MOOC Course (Attended), 8 week IIT BombayX Course on Basic 3D Animation using Blender, 2016, Online
11. Three days FDP on Machine Learning & Image Processing (Attended), Machine Learning & Image Processing, 2016, AIT, Pune
12. 6 Week Summer Faculty Research Fellow Program under QIP (Attended), 6 Week Summer Faculty Research Fellow Program under QIP, 2014, IIT Delhi
13. MOOC Course (Attended), Introduction to Logic, 2013, Online
14. 6 Week Summer Faculty Research Fellow Program under QIP (Attended), 6 Week Summer Faculty Research Fellow Program under QIP, 2013, IIT Delhi
15. IBM DB2 workshop (Attended), Three days IBM DB2 Database and Application Fundamentals workshop, 2012, AIT

Research Grants

Title Of Project	Funding Agency	Duration	Sanctioned Amount	Role of Investigator
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Consultancy

Title Of Project	Funding Agency	Duration	Sanctioned Amount	Investigator Role
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Professional Memberships

Society	Membership No	Duration
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Achievements/ Contribution

Year	Details
2016	Best Result Award for Microprocessor Architecture Subject
2011	Gold Medal (MTech CSE)
2009	Silver Medal (BE IT)

No of PhD Students Guided : 0 **No of PG Students Guided** : 0
No of PhD Awarded Students : 0