

# RESUME

Name of Teaching Staff	PRATIK KANANI
Designation	Assistant Professor
Department	Computer Engineering
Date of Joining the Institution	04.01.2016



<b>Professional Memberships</b>	<b>ISTE (Membership No. LM 94536)</b>
<b>Qualifications with Class/Grade:</b> <ol style="list-style-type: none"><li>1. PhD (pursuing/Computer Science &amp;Engineering), The MS University of Baroda,</li><li>2. M.E. (Information Technology), 9.03 CGPI, Mumbai University, 2014</li><li>3. B.E. (Information Technology), First Class with Distinction , Mumbai University, 2012</li></ol>	
<b>Total Experience in Years:</b> <b><u>Teaching: 6 Years</u></b> <ul style="list-style-type: none"><li>• Assistant Professor,D.J.Sanghvi College of Engineering, from 04.01.2016 till date.</li><li>• Assistant Professor,D.J.Sanghvi College of Engineering, from 08.01.2015 to 31.12.2015</li><li>• Faculty and R&amp;D Head, Universal College of Engineering, from 01.07.2013 to 07.01.2015</li><li>• Lecturer, Thakur College of Engineering and Technology, from 17.12.2012 to 03.06.2013</li></ul> <b><u>Industry: 06 Months</u></b> <ul style="list-style-type: none"><li>• Java Developer, 369 Microsystems, from 01.06.2012 to 14.12.2012</li></ul>	
<b>Courses Taught:</b> <ul style="list-style-type: none"><li>• Advance Computer Networks and Design (UG/PG)</li><li>• Object Oriented Programming Language (Java Programming) (UG)</li><li>• Structured Programming Approach (C Programming) (UG)</li><li>• Data Structures (UG)</li><li>• Wireless Technology (UG)</li><li>• Theory of Computer Science (UG)</li><li>• Analysis of Algorithms (UG)</li></ul>	
<b>Projects Guided:</b> <ul style="list-style-type: none"><li>• PhD Project: <b>00</b></li><li>• M.E. Project: <b>00</b></li><li>• B.E. Project: <b>06</b></li></ul>	
<b>Academic Duties:</b> <ul style="list-style-type: none"><li>• NBA, NAAC, Admission, Discipline, Class and Lab Responsibilities</li><li>• Maintenance In charge</li></ul>	

**Interaction with Professional Institutions:****Workshop, lecture series & Conferences Conducted:**

- Expert Lecture on Computer Networks/ Analysis of Algorithms/ NS2

**Grants fetched:**

Publication &amp; Conferences : (Till Date)

**Papers presented in National Conference:****Papers presented in International Conference: 04**

1. Recognizing Real Time ECG Anomalies using Arduino, AD8232 and Java (Scopus)
2. Novel Encryption Technique to Secure Document Data Store
3. Big Data, Big Challenges
4. Infant Growth Tracker (IEEE)
5. Obfuscation: Maze of Code, (IEEE/Scopus)
6. Textimage Ciphering, (IEEE/Scopus)
7. Hybrid PKDS in 4G using Secured DCC, (IEEE)
8. Hybrid HMAC using Improved SHA – 512, (ICWAC)

**Papers presented in National Journal: 00****Papers presented in International Journal: 05**

1. Data Visualization and Improving Accuracy of Attrition Using Stacked Classifier
2. Blockchain Based Asset Tokenization
3. Stock Price Trend Prediction Using Multiple Linear Regression
4. Improving Accuracy of Real Estate Valuation Using Stacked Regression
5. Wanderlust : A Personalized Travel Itinerary Recommender
6. Efficient Network Management: A Software Defined Networking Approach
7. An Insight into IP Addressing
8. Remote Method Invocation Using Python
9. Survey on Computer Worms
10. Access Control and Encryption of Sensitive Data Using i-Se4GE Algorithm
11. An Insight into IP Addressing, (UGC Approved Journal)
12. Logical Cryptography in Modern Cryptosystems
13. A Survey on Evolution of Mobile Networks : 1G to 4G
14. Intricate Port Scanning

(Note: Article 1 to 11 all are in UGC approved Journals)

**Books Published / IPRs / Patents**