



redhat.  
CERTIFIED  
ENGINEER



**DR. PRATIK KANANI**

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### Career Objective:

Student is the most important person in my life. I am not doing a favour by teaching him, but he is favouring me by giving an opportunity to do so.

### Working Experience:

Duration	Institution	Designation	From	To
5 Years +	D J Sanghvi College of Engineering, Vile-Parle(W)	Assistant Professor	4 <sup>th</sup> Jan 2016	Till date.
1 Year	D J Sanghvi College of Engineering, Vile-Parle(W)	Assistant Professor	8 <sup>th</sup> Jan 2015	31 <sup>st</sup> Dec 2015
1.5 Years	Universal College of Engineering, Vasai Road(E)	Faculty, R&D Head	1 <sup>st</sup> July 2013	7 <sup>th</sup> Jan 2015
5.5 Months	Thakur College of Engineering & Technology, Kandivali(E)	Faculty	17 <sup>th</sup> Dec 2012	3 <sup>rd</sup> June 2013
6.5 Months	369 Microsystems, Vasai Road(w)	Java Trainer	1 <sup>st</sup> June 2012	14 <sup>th</sup> Dec 2012

### Educational Qualifications:

Examination	Year of Passing	Name of Institution	University/Board	Percentage/CGPI
Ph.D	2021	Dept. of CSE, Faculty of Technology & Engineering	The MS University of Baroda	Completed
M.E. Information Technology	2014	Thakur College of Engineering & Technology, Kandivali(E)	Mumbai University	9.03 CGPI
B.E. Information Technology	2012	St. John College of Engineering & Technology, Palghar(E)	Mumbai University	80.06%
H.S.C.	Feb-2007	E.S.A College, Vasai Road (W)	Maharashtra Board	68.67%
S.S.C.	Mar-2005	Shah M K High School, Vasai Road (W)	Maharashtra Board	82.93%

**Aggregate of B.E. – 73.18%**

**Aggregate of M.E. – 80.31%**

## **Professional Certifications**

<b>Course Name</b>	<b>Year</b>	<b>Certification Details</b>
Problem Solving through Programming in C	2020	12 weeks course by NPTEL, completed with 81%
Programming in Java	2020	12 weeks Course by NPTEL, completed with 89%
Machine Learning by Stanford University	2019	Online Paid Course for around 55 hours, By Stanford University and conducted by Coursera. The course contains Deep Mathematical sciences, Programming Assignments, Quizzes and min 80% passing standards. Cleared the course with 94.5%.
Arduino Step by Step	2019	Online Paid course for around 18 hours. It was conducted by udemy. Contains Quizzes and MCQ based Test. Includes Electrical circuit knowledge, programming in Arduino and using different sensors.
Red Hat Certified Engineer (RHCE)	2011	Second out of three Level of RedHat Certification. It is Open source Linux Based OS. Certification deals with Setting up different servers and troubleshooting in the Open source domain. It is treated as one of the toughest certification examination so far. ○ Certification ID : 805011982656916
Oracle Certified Java Professional	2010	It contains the Deep Java Programming knowledge. The passing is minimum 65%. I cleared it with 89%. Second Level of Java Certification exam.

## **Projects Guided:**

- B.E Project : 15

## **Research Grant:**

- Smart Fog Gateway for delay-sensitive Healthcare Applications, Grant for 30,000/- INR, From University of Mumbai, Letter Reference no: APD 237/601 of 2019, dated 27<sup>th</sup> March, 2019.

## **Academic Duties:**

- NBA, NAAC, Exam, Admission, Discipline, Class and Lab Responsibilities
- Maintenance work of the Department

## **Short Term Training Program Attended**

- Smart Computing (from 12/07/2017 to 17/07/2021)
- Deep Learning for Computer Vision (from 30/06/2021 to 04/07/2021)

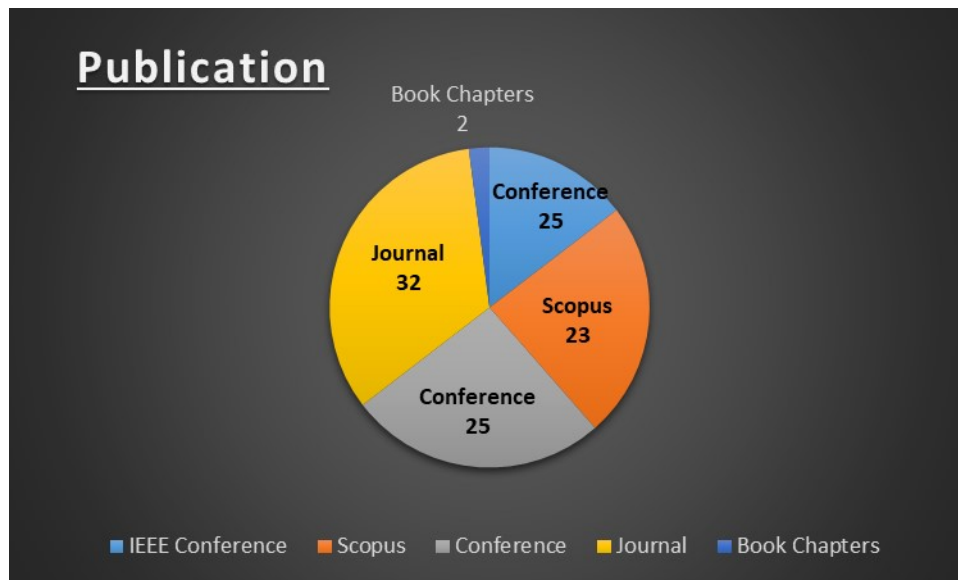
- EF-IOT Recent Advances in Edge and Fog Computing for Internet of Things (IoT) (from 10/06/2019 to 15/06/2019)
- Research Areas in Internet of Things (from 14/07/2017 to 15/07/2017)
- Cyber Security, Software Testing and Emerging Trends in Raspberry Pi (from 02/01/2017 to 06/01/2017)
- Practical Insights to Cloud Computing (ISTE approved, from 04/01/2016 to 09/01/2016)
- Wireless Networks Simulation using NS2 and Matlab Hands on Training (from 05/08/2015 to 07/08/2015)
- Train Your Thought – Transformational Learning (ISTE approved, from 11/11/2013 to 16/11/2013)
- Engineering Colloquium (from 22/0 to 23/02/2013)
- Ethical Hacking ,Network Security & Cloud Computing (ISTE approved, from 24/12/2012 to 04/01/2013)

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### **Research Paper Publication**

- For detail, please refer Google Scholar:

<https://scholar.google.com/citations?user=GcumrG8AAAAJ&hl=en>



(Dated till : 12/07/21)

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### **Patents and Copyrights:**

1 International Patent and 06 Indian Copyrights

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### **Courses Taught:**

- Advance Computer Networks and Design (UG/PG)
- Object Oriented Programming Language (Java Programming) (UG)
- Structured Programming Approach (C Programming) (UG)
- Data Structures (UG)

- Wireless Technology (UG)
- Theory of Computer Science (UG)
- Analysis of Algorithms (UG)

### **Skill Set:**

- Programming Language –C/C++ , **Core and Adv. JAVA, GPSS, Python, NS2**
- Operating System - Windows 7, Windows Xp/2000/98, RedHat Linux.
- Database Management System – MySQL, SQL-Server 2005
- Tools - Rational Rose , NetBeans, Eclipse , Visual Studio
- Office Automation Software - MS-Office 2007.

### **Academic Projects Undertaken:**

- Infant Growth Tracker
- Emergency Blood Bank Management App (Stood 4<sup>th</sup> at India Level, Smart India Hackathon 2017, By Dept. of Atomic Energy, Govt. of India.)
- Obfuscation : Maze of Code
- Hybrid Public Key Distribution System in 4G (ME Project)
- 4G Vision and Technology (Special Topic Seminar)
- Monitor On Message (ME Sem-2 Project)
- Mobile Store Management System (ME Sem-1 Project)
- Interactive Response System (BE Final Year Project)

### **Strength**

- Positive Attitude
- Ability to identify people's strength and utilize them to accomplish given objective,
- For a given an opportunity I strive my best for total satisfaction

### **Co-curricular Activities:**

- Completed training for *Core and Advance Java* from NIIT.
- Completed training for *RedHat certified System Administrator* and *RedHat certified Engineer* certifications at Vibrant-e-Technologies.
- Completed **Animation Course** from Maya Academy of Advance Cinematics.

### **Minor Certifications:**

- Web Component Developer (WCD)
- MAAC Certified

### **Professional Membershipz:**

- ISTE Life time member (Membership No. LM 94536)

### **Personal Details:**

- Address : 104 Parshva Jyot , Behind Serena Bungalow,  
Near Ice-Wine , Stella , Vasai Road(W) – 401202
- Date of Birth : 18th January, 1990
- Languages Known : English, Hindi, Gujarati and Marathi.



- Hobbies : Learning New Things , Sketching Cartoons, Listening Songs,  
Net Surfing , Reading
  - Marital Status : Single
  - Nationality : Indian
  - Gender :Male
  - Contact No :9890917907
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**Declaration:**

All the above given information is true & correct to the best of knowledge & belief.

**Yours Truly,**

*P.B. Karani*  
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