

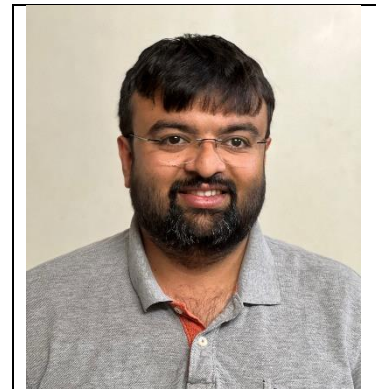
## **Jekishan K. Parmar**

### **Visiting Assistant Professor**

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School: School of Technology



### **Research Interest:**

- Underwater Wireless Sensor Networks
- Internet of Things
- Blockchain
- Mobile Computing
- Wireless Communication

### **Academic Background:**

Degree	Subject	University	Year
M. Tech.	Computer Engineering	Dharmsinh Desai University	2014
B.E.	Information Technology	L D College of Engineering, GTU	2012

### **Professional Experience:**

From	Period	Position	Organisation
01-10-2021	Till Date	Head of Technology Implementation	Aver India Equipment
16-03-2015	18-09-2021	Assistant Professor	Babaria Institute of Technology
01-06-2014	28-02-2015	Technology Supervisor	Aver India Equipment
15-07-2013	30-05-2014	Lecturer	Charotar University of Science & Technology, Changa

### **Courses Taught:**

Mobile Application Development, Android Programming, Python Programming, .NET Technology, Object Oriented Programming with C++, Mobile Computing & Wireless Communication, Computer Networks, Cyber Security, Advanced Operating System, Object Oriented Analysis and Design, Software Testing & Quality.

### **Teaching Engagements:**

Title	Course Code	Class Name	School Name

## **Publications:**

1. J. K. Parmar and P. P. Kalariya, "Wireless Sensor Network: Analysis of Routing Protocols", International Journal of Advanced Research in Computer and Communication Engg, Vol 3, Issue 2, February 2014, pp. 5504-5509.
2. J. K. Parmar and M. T. Mehta, "Performance Evaluation of NS2 and OMNeT++ Simulators for AODV Protocol in MANET", International Journal of Research in Engineering and Technology, Vol 3, Issue 2, February 2014, pp. 609-615.
3. J. K. Parmar and M. T. Mehta, "Performance Evaluation of Broadcast MAC and ALOHA MAC Protocol for Underwater Wireless Sensor Networks", International Journal of Research in Engineering and Technology, Vol 3, Issue 11, November 2014, pp. 214-220.
4. J. K. Parmar and M. T. Mehta, "A Cross Layered Approach to Improve Energy Efficiency of Underwater Wireless Sensor Network", In Proc. of 4<sup>th</sup> IEEE Int. Conf. on Computational Intelligence and Computing Research, Coimbatore, Tamilnadu, India, pp. 526-535, December 18-20, 2014. **[WON BEST PAPER IN A TRACK AWARD]**
5. A. B. Desai and J. K. Parmar, "Refactoring Cost Estimation (RCE) Model for Object Oriented Systems", In Proc. of 6<sup>th</sup> IEEE International Advanced Computing Conference, Bhimavaram, Rajahmundry, Andhra Pradesh, India, February 27-28, 2016.
6. A. B. Desai, J. K. Parmar and S. Chaudhary, "Content Delivery Networks: Technology Survey and Research Challenges", CSI Communications, Vol 40, Issue 1, April 2016, pp. 14-18.
7. A. B. Desai, J. K. Parmar and S. Chaudhary, "Internet of Things: Architecture and Research Challenges", CSI Communications, Vol 40, Issue 3, June 2016, pp. 21-25
8. J. K. Parmar and A. B. Desai, "IoT: Networking Technologies and Research Challenges", International Journal of Computer Applications, Vol 154, Issue 7, November 2016, pp. 1-6.
9. J. K. Parmar and A. B. Desai, "Feature Extraction in Augmented Reality", In Proc. Of 2<sup>nd</sup> IEEE Int. Conf. on Wireless Communications, Signal Processing and Networking (WiSPNET), Chennai, Tamilnadu, India, pp. 2265-2269, March 22-24, 2017.
10. Bharavi Joshi, Kajal Bhagat, Hetakshi Desai, Malvik Patel, Jekishan K. Parmar "A Comparative Study of Toll Collection Systems in India" published at *International Journal of Engineering Research and Development, Volume 13, Issue 11 (November 2017)*
11. Malvik Patel, Bharavi Joshi, Kajal Bhagat, Hetakshi Desai and Jekishan K. Parmar, 2018. IOT BASED TOLL COLLECTION SYSTEM USING IMAGE PROCESSING. International Journal of Computer Engineering & Technology (IJCET). Volume: 9, Issue: 3, Pages:132-139. (June 2018)

## **Awards/Recognitions:**

1. Amul Vidyabhushan Award for achieving first rank in HSC throughout the school.
2. Stood in Top 15 of PGCET (entrance test for admission to ME/MTech) in Gujarat.
3. Won Best Paper Award at 4<sup>th</sup> IEEE ICCIC, Coimbatore, India, December 2014.
4. Deputed as a Mentor for my institute team at Smart India Hackathon-2018.
5. Final Year Project titled "Highway Levy" guided by me was shortlisted among Top 25 Innovations in 9<sup>th</sup> India Innovation Initiative (Western Region) 2017 organized by CII, MHRD-Govt of India and AICTE at Symbiosis, Pune.

## **Professional Memberships:**

IEEE Professional Member since 2012 (Membership # 90934858)

## **Academic Development Activities:**

- Attended 4th IEEE Int. Conf. on Computational Intelligence and Computing Research, Coimbatore, Tamilnadu, India in December 2014.
- Attended 6th IEEE International Advanced Computing Conference, Bhimavaram, Rajahmundry, Andhra Pradesh, India, February, 2016.
- Attended STTP on IoT & Advances in Embedded Systems at CHARUSAT, Changa in June 2016.
- Attended 2nd IEEE Int. Conf. on Wireless Communications, Signal Processing and Networking (WiSPNET), Chennai, Tamilnadu, India, March, 2017.
- Attended Faculty Development Program at InfoStretch, Ahmedabad in June 2017.
- Attended One Day R Coordinators' Workshop on R under PMMMNMTT, Government of India organized by Teaching Learning Centre, ICT, IIT Bombay in October, 2019.
- Appointed as Course Coordinator during the one-day blended mode workshop on R conducted by Indian Institute of Technology Bombay, on 09 November 2019 under PMMMNMTT, Government of India.
- Participated in AICTE Recognized Faculty Development Programme on Blockchain Technology in March, 2020 at NITTTR, Chandigarh (Institute managed by MHRD, Government of India).
- Successfully completed the Certificate Course on "Nurturing Innovation and Startup Ecosystem" conducted by i-Hub in association with SSIP, Government of Gujarat under startupIndia Initiative in October, 2020.