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**Affiliation :** P G Department of Computer Science & Technology, Sardar Patel University as a Professor & Director at the Department

### Summary of Scholastic and Research Activities :

- Working as a faculty member in the Post Graduate Department of Computer Science & Technology, Sardar Patel University since 1989 and currently serving as a **Professor & Director** of the Department
- Senate member at S. P. University
- Member of the *Board of Studies in Computer Science* at S. P. University
- Member in various committees at Sardar Patel University
- Publications : 2 books and 143 research publications including 109 in internal journals & National Journals, 32 in International/national/regional conferences and seminars
- Presently guiding 5 Ph. D. (Computer Science) scholars
- Guided 15 Ph. D. (Computer Science) scholars & 3 M. Phil (Computer Science) scholars
- Successfully Completed 2 SEED projects
- Awarded *Hari Ohm Ashram prize* for best research paper in Computer Science and Computer Engineering (2008-09)
- Received Sardar Patel Research Award under Basic & Computer science subjects under Teachers' category (January 2018)
- Area of Interest is Computer Graphics; especially Image Processing & Analysis and Multimedia
- Member in editorial board / review committee in many international journals
- Served as program committee member for international conference & various National level conferences
- Worked as a Chairman / Vice-Chairman / Secretary of Computer society of India, Vallabh Vidyanagar chapter
- Served as Convener / Coordinator / program committee member for State level IT Competitions

### Five Keywords Reflecting Areas of Scholastic/Research Activities:

Computer Graphics, Image Processing, Decision Support Systems, Artificial Intelligence, Medical Informatics

## Five Recent Publications :

### Books:

- With Birajkumar Patel: “Meta-Search Engine Optimization-A computer application to retrieve web based information”, ISBN : 978-3-659-12893-6, Lambert Academic Publishing (2013)
- With Hardik B. Pandit: “Image Processing and Analysis for Medical palmistry”, ISBN: 978-3-659-12268-2, Lambert Academic Publishing. (2014)

### Papers:

- ✓ With Krunalkumar N. Patel, Saur bh A. Shah: Robust and Secured Digital Audio Watermarking using Improved DWT-SVD-DFT Approach”, in the International Journal of Research in Electronics and Computer Engineering(IJRECE), Volume 7 Issue 3.12, July 2018
- ✓ With Jinal Tailor: “Development of Algorithm to Detect End of Utterance in Continuous Speech for Gujarati Language”, in International Archive of Applied Sciences and Technology, Volume 9, Issue 2, June 2018
- ✓ With Nidhi Deasai : Analysis on Human Behavior Traits Using Intelligence Palmistry”, in the International Journal of Computer Sciences and Engineering (IJCSE), Volume 6 Issue 7, July 2018
- ✓ With Shreya Bhavsar: The model of Multilingual Multimedia based Crop Disease Identification”, International Journal of Management, IT and Engineering”, Volume 8 Issue 6, June 2018.

## Recent Project in Last Five Years:

- With Dr. Hardik B. Pandit, “ Design and Implementation of the Model of Decision Support System for Selection of Research Topic” (Duration: 1<sup>st</sup> July, 2016 to 31<sup>st</sup> October, 2017 ; Grant: 1,00,000 INR)
- With Dr. Biraj V. Patel, “Designing Model for Product based Search Engine” (Duration: 1<sup>st</sup> July, 2016 to 31<sup>st</sup> October, 2017 ; Grant: 1,00,000 INR)

Guided many software projects at Master Level.