

# Dr. Sudhir P Vegad

(Ph.D. - Computer Engineering, 2018)

Programme Coordinator  
B.Tech. – Artificial Intelligence & Data Science  
Associate Professor  
Information Technology Department  
A D Patel Institute of Technology  
New V V Nagar, Gujarat, India



## Educational Record:

- PhD in Computer Engineering, 2018. Gujarat Technological University
- M. E. in Computer Engineering, 2007, Sardar Parel University
- B.E. in Information Technology, 2002, Saurashtra University

## Work Experience:

- Associate Professor, Information Technology Department, A D Patel Institute of Technology, New V V Nagar (Since 22-10-2008)
- Assistant Professor, Information Technology Department, A D Patel Institute of Technology, New V V Nagar (16-1-2004 to 21-10-2008)
- Ad-hoc Lecturer, Information Technology Department, A D Patel Institute of Technology, New V V Nagar (6-10-2008 to 15-1-2008)
- Visiting Faculty Member at Changa Chandubhai S Patel Institute of Technology, Changa (1-8-2008 to 20-9-2008)
- Ad-hoc Lecturer, Information Technology Department, V V P Engineering College, Rajkot (01-02-2008 to 30-7-2008)

## Research Interest:

- Image Processing & Computer Vision, Machine Learning, Information Security

## Professional Appointments:

### At A D Patel Institute of Technology:

- Programme Coordinator, B.Tech., Artificial Intelligence & Data Science (Since 2021 Batch)
- Head, Information Technology Department, A D Patel Institute of Technology (2008-2012)
- I/C Head, Computer Engineering, A D Patel Institute of Technology (2015-2019)
- Branch Counselor, IEEE Student Branch, A D Patel Institute of Technology (2008-2009 and 2019 – till date)
- Advisor, Computer Society, IEEE Student Branch, A D Patel Institute of Technology (2018-2019)
- Auditor in chief for Internal Audits of ISO 9000:2015 (20016-2020)
- Process Owner, IT Services (2020)
- House Master, Netaji Shubhashchandra Bose House, ADIT (2019-2020)
- Coordinator, Event Cell, ADIT (Since 2019)
- Coordinator, Alumni Cell (Since 2020)
- Reviewer of ADIT Journal of Engineering

### Outside A D Patel Institute of Technology:

- Book Review: “Software Engineering”, 1e by Rajesh Narang, Publication: McGraw Hill
- Book Review: “Computing Fundamentals & C Programming”, 2e by E. Balagurusamy, Publication: McGraw Hill

- Organizing Committee Member at International Conference on Recent Trends in Computing(ICRTC-18), 2018
- Reviewer at IEEE Access, Conferences: International Conference on Convergence to Digital World - Quo Vadis (ICCDW- 2020), GTU International Conference (ICON 2019), International Conference for Women in Science & Technology: Creating Sustainable Career (2018), Parul university International Conference on Engineering & Technology (2018), International Conference on Research and Innovations in Science, Engineering &Technology (ICRISET-2017).
- Reviewer of IEEE Outstanding Student Volunteer Award of IEEE India Council – 4 (2021)
- Member of Review Committee, International Conference, GTU CON2019
- Reviewer at International Conference on Engineering and Technology, Parul University
- Reviewer at National Conference on Innovative and Emerging Technologies, S R Patel Engineering College, Mehsana

#### **Awards:**

- Dronacharya Award by A D Patel Institute of Technology 2011
- Best Research Paper Award: 2<sup>nd</sup> International Conference on Women in Science and Technology: Creating Sustainable Career (June 18-30, 2018) for the paper titled “Image Classification using Convolution Deep Neural Network”

#### **Recognized PhD Supervisor at:**

Gujarat Technological University (Ahmedabad) and CVM University (Anand)

#### **Publications:**

- Book Chapters: 03
- International Journal: 05
- Conference Proceeding: 06

#### **Research and Project Guidance:**

- No. of Ph.D. students under guidance: 06
- No. of M.E. Dissertations guided: 07

#### **Expert Services Delivered:**

- Expert talk on “Applications of Image Processing” at Workshop on Image Processing with Machine Learning (ISTE Chapter) at G H Patel College of Engineering and Technology, Vallabh Vidyanagar in 2019.
- Expert talk on “Applications of Image Processing and Computer Vision” organized by ISTE Faculty Chapter Madhuben and Bhanubhai Institute of Technology New Vallabh Vidyanagar, Anand in 2019.
- Expert talk on “ICT in Education” at Refresher Course: Applications of ICT in Science at UGC – Human Development Centre, Sardar Patel University, Vallabh Vidyanagar in 2018.
- Expert talk on “Research Trends in Data Mining and Image Processing” at Short Term Training Programme at V V P Engineering College, Rajkot in 2013.
- Expert talk on “Advances in Information Technology” organized by ISTE Faculty Chapter K J Institute of Engineering and Technology, Savli in 2013.
- Expert talk on “Enhancing Verbal Communication” at A D Patel Institute of Technology, New Vallabh Vidyanagar, Anand in 2008.
- Expert talk on “TSR Programming” organized by IEEE Student Branch at A D Patel Institute of Technology, New Vallabh Vidyanagar, Anand in 2008.
- Expert talk on “Operating System Fundamentals” organized by ISTE Faculty Chapter A D Patel Institute of Technology, New Vallabh Vidyanagar, Anand in 2005.

#### **Professional Membership:**

- Member of IEEE
- Life Member of ISTE
- Member of CSI

### **Teaching:**

- Programming Subjects like; Programming for Problem Solving, Computer Programming Utilization, Object Oriented Programming (C++, Java),.Net
- Computer Organization and Architecture, Operating Systems, Advance Operating Systems, Distributed Operating Systems, Compiler Design, Data Structures, Database Management Systems
- Computer Networks, Management Information Systems, Information and Network Systems Artificial Intelligence, Image Processing
- Information and Network Security, Cryptography, Cloud Computing, Social Network Analysis