



GIDC DEGREE ENGINEERING COLLEGE

Joint Venture of Govt. of Gujarat & GIDC | Managed by GIDC Education Society, Gandhinagar
PPP Mode Institution, Approved by AICTE & Affiliated to Gujarat Technological University

FACULTY PROFILE

Name: KUSHAL DALPATBHAI PATEL

Designation: Assistant Professor

Department: Computer Engineering

Date of Joining: 31/08/2015



➤ **Papers Published in Journals:**

1. International Journal of Computer & Mathematical Science titled as “Software Defined Networking: Architecture, Application, Issues and Challenges” Volume 5, Issue 5, May 2016, ISSN 2347-8527.
2. International Journal of Advance Engineering and Research Development titled as “Investigating Approach For Privacy Preserving Traffic Surveillance”, Volume-03 Issue-06, June 2016, ISSN 2348-06.
3. International Journal Of Creative Research Thoughts (IJCRT) titled as “Internet of Things (IoT), Its Impact on Agriculture and challenges and future”, Volume 11 | Issue 10 | October 2023, ISSN: 2320-2882.

➤ **Papers Presented in Conferences:**

1. Presented a Conference paper titled as “Privacy Issues in Big Data” at 2nd International conference for Convergence in Technology (I2CT), Pune, India, April, 2017. Paper published at ieeexplore.ieee.org
2. Presented a Conference paper titled as "Investigating approaches for privacy preserving Traffic surveillance" at Security and Privacy Symposium 2015 at IIIT, Delhi.

➤ **Papers Published in Journals: (As a Co-Author)**

1. Co-Author in International Journal of Science Technology and Engineering titled as “Software Defined Network:A New Approach”, volume 2, Issue 12, June 2016, ISSN 2349-784X.
2. Co-Author in International Journal for Scientific Research and Development titled as “An Extended K-Means Clustering with Genetic Algorithm and Min- Max Approach”, Volume 4, Issue 4, June 2016, ISSN 2321-0613.
3. Co-Author in International Journal of Science & Engineering Development Research titled as “Android Applications with Secure Coding”, Volume 1, Issue 6, June 2016, ISSN 2455-2631.
4. Co-Author in International Journal of Engineering Development and Research SOFTWARE SKILLS titled as “Tumor Location and size Identification in Brain Tissues Using Fuzzy CClustering and Artificial Bee Colony Algorithm”, Volume 4, Issue 2, June 2016, ISSN 2321-9939.

➤ **STTP/FDP Attended**

1. Attended Five Day STTP on “AUDIO & Speech Signal Processing (ASSP-2014)” held during July 7-11, 2014 at SVNIT, SURAT.
2. Attended Five Day STTP on “Wireless Sensor Networks: Secure Data Aggregation and Related Issues (WSN-SDARI)” held during July 14-18, 2014 at SVNIT, SURAT.
3. Attended a one week STTP on “Recent trends of Mathematics in Science & Technology” during 2-6 January 2017 at GIDC Degree Engineering College, Navsari.
4. Attended FDP on “Introduction to Machine Learning” on 16 -17 December organized by National Mission on Education through ICT (MHRD, Govt. of India), conducted by IIT Kharagpur with Remote Centre & code: SCET, Surat (1043)
5. Attended FDP on “INDUCTION TRAINING for Newly Recruited Faculties” which was held during 25th – 29th March, 2019 organized by Gujarat Technological University and AICTE
6. Attended Online STTP on “Recent Trends in IoTs and Cloud Computing” organized by Computer Engineering Department, S. V. National Institute of Technology, Surat during 29th June- 3rd July, 2020
7. Attended Online FDP on “Artificial Intelligence” organized by National Institute of Technology Puducherry and AICTE Training And Learning (ATAL) Academy during 21st – 25th September, 2020.
8. Attended Online STTP on “Sustainable Techniques For Rural Development” organized by RCI-UBA SVNIT, Surat in association with NIRD&PR, Hyderabad during 17th -21st May, 2021.
9. Attended Online STTP on “Technology Trends in Smart City” organized by Indian Institute of Management Kashipur and AICTE Training And Learning (ATAL) during 9th - 13th August, 2021.
10. Attended a 5 days FDP on “Machine Learning, Internet of Things, and SAP ABAP” under the Code Unnati program by edunet foundation held at GIDC Degree Engineering College, Navsari during 11th Dec - 15th Dec, 2023.
11. Attended a 5 days FDP on “AI Evolution: From Foundation to Generative AI” under TechSaksham from 29th January-2nd February, 2024 led by Microsoft, SAP & AICTE.
12. Attended Online STTP on “Sustainable Village Development and Unnat Bharat Abhiyan” organized by Regional Coordinating Institution-UBA SVNIT, Surat in Association with Mahatma Gandhi National Council of Rural Education during 24th - 28th August, 2020. Artificial Intelligence.

➤ **Course Attended/ Completed (Online)**

1. Completed “Cyber Security course for Beginners-Level 01” online course organized by Fourthwall Technologies and Udemy in October, 2019.
2. Completed “SEO Tutorial for Beginners” online course organized by Daragh Walsh and Udemy in December, 2019.
3. Completed “Tools for working From Home – Google Apps, Trello & Zoom” online course organized by Udemy & Start- Tech Academy in May, 2020.
4. Completed “Learn HTML for Beginners” online course organized by Udemy & YouAccel Training, Instructor in May, 2020.
5. Completed “Introduction to Python Programming” online course organized by Udemy in May 2020.

6. Completed online course on “COMPREHENSIVE ONLINE INTELLECTUAL PROPERTY RIGHTS (IPR)” organized by Gujarat Student Startup and Innovation Hub (i - Hub) during 6th July – 14th September, 2020.
7. Attended online course on “Wordpress with Docker” powered by Great Learning Academy

➤ **Internship/Training Completed**

1. Completed 16 weeks training at L & T Integrated Engineering Services, Vadodara during final semester (8th semester) of B.E. program during 5th December, 2011 to 24th March, 2012.
2. Completed a 4-week Virtual Internship program in “Data Science Internship” at flazetech technologies. (Online Mode)
3. Completed a 4-week Virtual Internship program in “Python Programming” at Codesoft, during 15th January, 2024 to 15th February, 2024.

➤ **Workshop/Seminar/Webinar/Session Attended**

1. Attended National Seminar on “Computer Vision and Image Processing” at SCET and SVNIT during September 19-20, 2014
2. Attended “One Day Symposium on Security and Privacy” at IIIT, Delhi on 14th Feb, 2015
3. Attended one day Seminar on Cisco Networking organized by Computer Engineering Department, GIDC Degree Engineering College, Abrama on 19th December, 2015.
4. Attended ISTE workshop on Challenges and Opportunities in Technical Education in the Era of Sustainable Development at CGPIT, Bardoli on 27th October, 2015.
5. Attended two-day workshop on “Latest Trends in Wireless Communication” organized by department of Electronics & Communication Engineering CGPIT at UTU, Bardoli on 22– 23rd January, 2016.
6. Attended workshop on “Awareness on Smart India Hackathon 2017” at Bhagwan Mahaveer college of Engineering, Surat organized by AICTE.
7. Attended a one day workshop on topic “Energy Conservation Awareness” on 23rd September organized by Electrical Engineering and sponsored by Gujarat Energy Development Agency (GEDA).
8. Attended webinar on “Intellectual Property For New India” organized by Gujarat Technological University.
9. Attended online webinar on "Artificial Intelligence in Power Systems" organized by Skill Activate, and technically sponsored by the IEEE Ethiopia section on 18th November, 2023.
10. Attended online webinar on “Applications of IoT in day to day life” organized by Skill Activate on 9th December, 2023.
11. Attended online webinar on “Teacher Workshop on Assessment for Speaking” organized by Society for Creation of Opportunity through Proficiency in English (SCOPE) on 6th September, 2021.
12. Attended “Nuances of Business Incubators” online webinar organized by i-Hub, Gujarat, SSIP.
13. Attended “Limited Resources, Unlimited Ambition” online webinar organized by i-Hub, Gujarat, SSIP.
14. Attended “Disruptive Innovations For startups” online webinar organized by i-Hub, Gujarat, SSIP
15. Attended “Business Model Canvas” online webinar organized by i-Hub, Gujarat, SSIP
16. Attended “Building The Value SaaS Way” online webinar organized by i-Hub, Gujarat, SSIP.
17. Attended “Challenges and Opportunities after this pandemic situation of COVID-19 through the Industrial Perspective” online webinar organized by i-Hub, Gujarat, SSIP.

18. Attended online webinar on “Rationale of a Start-up based on Design Thinking, 10 Steps for a new Start-up and 10 Steps for Start-up Growth and Market Entry” organized by Student Start-up Innovation Policy Cell & Design Innovation Centre Spoke, Dr. S. & S. S. Ghandhy Government Engineering College, Surat on 10th August 2020.
19. Attended online webinar on “Design Thinking as a Catalyst to Innovation” organized by Student Start-up Innovation Policy Cell & Design Innovation Centre Spoke, Dr. S. & S. S. Ghandhy Government Engineering College, Surat on 11th August 2020.
20. Attended online webinar on “Design Thinking - For Mind and Start-up” organized by Student Start-up Innovation Policy Cell & Design Innovation Centre Spoke, Dr. S. & S. S. Ghandhy Government Engineering College, Surat on 13th August 2020.
21. Attended online webinar on “Starting and Failing Early” organized by Student Start-up Innovation Policy Cell & Design Innovation Centre Spoke, Dr. S. & S. S. Ghandhy Government Engineering College, Surat on 14th August 2020.
22. Attended Online STTP on “Sustainable Village Development and Unnat Bharat Abhiyan” organized by Regional Coordinating Institution-UBA SVNIT, Surat in Association with Mahatma Gandhi National Council of Rural Education during 24th - 28th August, 2020. Artificial Intelligence.
23. Attended FDP on “Internet of Things” on 27 September organized by Tata Consultancy Services (TCS iON | Digital Learning Empowering Learning Outcomes)
24. Attended webinar on “Application Security” on 20th March, 2018 organized by TCS iON | Digital Learning Empowering Learning Outcomes.

➤ **Professional Memberships**

1. Member of IEEE (Member number: 92763277)
2. International journal of engineering development and research IJEDR RMS member. Member ID : 111456
3. Association for Computing Machinery (ACM) membership with Client Number: 2981667.

➤ **Roles and Responsibilities at GIDC DEGREE ENGINEERING COLLEGE**

1. Currently working as a Training and Placement Department Co-Ordinator.
2. Currently working as a co-ordinator for Website and Social Media Management of Institute. (Institute’s Media Cell)
3. Currently working as an Institute Student and Start-up Innovation(SSIP) cell co-coordinator since 2019.
4. Currently working as a Village Co-ordinator in Unnat Bharat Abhiyan (UBA) cell.
5. Working as a NSS department coordinator since February 2024.
6. Perform duty as an external examiner for various Practical/viva Examination in Gujarat Technological University (South Zone).
7. Perform duty as an Examination Observer in Gujarat Technological University (South Zone).
8. Worked as an Editor of Institute newsletter from July -2016 to July 2022.
9. Worked as a Department coordinator of the profusion editorial team.
10. Working as a Single Point of Contact (SPoC) for Smart India Hackathon.
11. Worked as a coordinator for Cricket tournaments during Maitry Olympiad (Annual Sport Event)

12. Worked as an Instructor for the PMKVY program for Field Technician - Computing and Peripherals course.
13. Worked as a Team member of OSTC Club for the Computer Department.
14. Worked as a Committee member during Job Fair 2018, 2021.
15. Worked as a committee member of Anchoring during Gunj-2019.
16. Worked as a committee member of Food Committee during Gunj-2019.
17. Worked as a faculty Coordinator for the event Innovative Prototype Development during Udaan. (Annual Technical Event)
18. Worked as a faculty Coordinator for the event Sherlock during Udaan. (Annual Technical Event).
19. Worked as Committee member of Voter Awareness Program which was organized on October 13, 2021 in association with Collector Office, Navsari.
20. Worked as an ACPC Help Centre Verification Officer in 2019.
21. Working as a social media and digital marketing (Website) team for ACPC cyber space during 2023.
22. Worked as a mentor for the team participated at Hackathon organized by SSIP, Gujarat during 2020, 2021, 2022, 2023.
23. Worked as a Single Point of Contact (SPoC) during code unnati program 1.0 with Edunet Foundation and SAP.
24. Working as a Single Point of Contact (SPoC) for code unnati program 2.0 with Edunet Foundation and SAP.
25. Appointed as Convener, Social Media Promotion and member (Faculty) for the Institute's Innovation Council(IIC).
26. Worked as a faculty Coordinator for the event Sherlock during Udaan 2024. (Annual Technical Event).
27. Worked as a coordinator for Handball tournaments during AIKYAM 2024 (Annual Sport Event).
28. Worked as a committee member of Mandap & Decoration during Gunj-2024.
29. Coordinated various Blood donation Camp, Tree Plantation, Clean India movement through Institute.

➤ **Consultancy Activities**

1. Worked as IT manager in NSEIT EXAM.
2. Worked as Invigilator in NSEIT EXAM, TCS-iON

➤ **Workshop/ Seminar organized at Institute**

1. Organized GATE FREE MOCK TEST with ICE GATE institute in October 2016.
2. Organized GATE FREE MOCK TEST with ICE GATE institute in July 2017.
3. Event Co-Coordinator of GTU sponsored STTP on "Android Programming a hands-on approach" during 24th - 28th December 2018
4. Event Co-coordinator of Workshop on "Orientation of Start-ups and Innovative Android Application Development using Android Studio" organized by SSIP Cell and Computer Department during 8th -9th March, 2019. (2 days)
5. Event Co-Coordinator for 3 days workshop on Introduction to Android Application Development during 8th -10th December 2016.

6. Coordinator of one day workshop on “Hands-on session on Amazon Alexa Skill Development for beginners” on 31st August, 2018. (1 day)
7. Conducted Webinar on Introduction to Internet of Things.
8. Delivered an expert session on Design thinking for 1st year student.
9. Organized one day workshop on STARTUP & INNOVATION PROTOTHON” Under the sponsorship of Gujarat Council on Science & Technology (GUJCOST) and Gujarat Informatics Ltd. (GIL) Department of Science & Technology and supported by Centre for the Entrepreneurship Development (CED), Government of Gujarat on 24 November, 2017.
10. Organized expert session on “Career Progress and Growth in Full Stack, Data Science & UI/UX By 2025” with Innovate369 and its team.
11. Co-ordinated a session for Global Engineering Innovation Competition (GEIC) organized by simplifying skills on 7th November, 2023. (<https://simplifyingskills.com>)
12. Organized a 5 days FDP on “Machine Learning, Internet of Things, and SAP ABAP” under the Code Unnati program by edunet foundation held at GIDC Degree Engineering College, Navsari during 11th Dec - 15th Dec, 2023.

➤ **Expert Lecture Seminar delivered outside institute**

1. Delivered expert lecture on Android Programming at Government Polytechnic College, Waghai.
2. Delivered expert session on Android Technology at Jayvantrai Harrai Desai Polytechnic, Palsana, 28th February, 2019.
3. Delivered expert session on “One day workshop on IoT” at Government Polytechnic College, Waghai on 21st February, 2024
4. Conducted a one day Idea Generation program on “Design Thinking” at Higher Secondary class students of Shri. J. M. Patel and Shri. R. G. K. Naik Sarvajani High School, Mandir Village, Navsari on 03/08/2019
5. Conducted SSIP Sensitization seminar for PG students of S. N. Patel Institute of Technology & Research Centre(SNPITR-C) and Shree Naranjibhai Lalbhai Patel College of Pharmacy, Umrakh, Bardoli
6. Conducted SSIP Sensitization seminar for UG students of S. N. Patel Institute of Technology & Research Centre (SNPITRC), Umrakh, Bardoli.