

**SRES', Sanjivani College of Engineering, Kopargaon**  
(An Autonomous Institute affiliated to SPPU, Pune)

## Staff Profile

| Personal Information  |   |   |      |
|---|---|---|------|
| <b>Name of Teaching Staff:</b><br><b>Mr. Bhushan B Kadam</b>  |   |  |      |
| <b>Designation: Assistant Professor</b>   |   |   |      |
| <b>Department : Electrical Engineering</b>  |   |   |      |
| <b>Date of joining : 04/01/2023</b>   |   |   |      |
| <b>E Mail ID :</b>  | <b>kadambhushanelect@sanjivani.org.in</b> |   |      |
| <b>Contact No:</b>  | <b>+91- 7020447673</b>                    |   |      |
| Education Details   |   |   |      |
| Qualification   | Specialization with Class or Grade        | University  | Year |
| UG  | Electrical Engineering                    | SPPU Pune   | 2014 |
| PG  | Electrical Power Systems                  | SPPU Pune   | 2017 |
| Total experience in years:  |   |   |      |
| <b>Teaching:</b>  | <b>11+ Years</b>                          |   |      |
| Research and Publications   |   |   |      |
| <ul style="list-style-type: none"> <li>Optimisation of Power Electronic Switches in Cascaded H-Bridge Multilevel Inverter by using Bidirectional Switches <b>B Kadam</b>, JA Khobragade, A Kalage</li> <li>A Mobile-Friendly Automated Shopping System using ESP32 for Shopping Malls Prajakta Dahatonde, Samruddhi Gorde, <b>B B Kadam</b>, DB Pardeshi</li> <li>Smart Waste Collection based on PIC Microcontroller and Embedded C For Coastal Sustainability: A Tech-Driven Approach P Gaikwad, B Chavan, <b>B B Kadam</b>, D Pardeshi</li> <li>Smart Coastal Waste Collection System G Samiksha, D Vaishnavi, DB Pardeshi, BB Kadam</li> <li>Smart Dust Removal System for Solar Panel by using Programmable Logic Controller Ishwar Ashok Navle, Maruti Ramdas Rokade, DB Pardeshi, <b>Bhushan Kadam</b></li> <li>Design of Two-Wheeler Hybrid Electric Vehicle using Series Parallel Configuration</li> </ul> |   |   |      |

|  |   |
|--|---|
| Sandip Shankar Yeole, Sandeep Vasant Kolhe, Rahul R Bibave, Vijay Shivaji Chavan,<br><b>Bhushan Bhaurao Kadam</b> , Vaibhav Sakharam Bodhe |   |
| <b>Research Profile URL</b>  |   |
| Google Scholar   | <a href="https://scholar.google.com/citations?hl=en&amp;user=khhFhxMAAAAJ&amp;view_op=list_works&amp;sortby=pubdate">https://scholar.google.com/citations?hl=en&amp;user=khhFhxMAAAAJ&amp;view_op=list_works&amp;sortby=pubdate</a> |
| Scopus   | Scopus ID: 58071012200  |
| Orcid  | <a href="https://orcid.org/0009-0005-7648-2901">https://orcid.org/0009-0005-7648-2901</a>   |

| Other Research Details               |  |                     |        |
|--------------------------------------|--|---------------------|--------|
| Ph D Guide ?Give field & University: | ----   |                     |        |
| Ph Ds/ Projects Guided:              | UG level Project Guided: 04                    |                     |        |
| IPRs/Patents                         | 02   |                     |        |
| Professional memberships:            | International Association of Engineers (IAENG) |                     |        |
| Consultancy Activities               |  |                     |        |
| Duration                             | Title of Activity                              | Issued Organization | Amount |
| ---                                  | ---  | ---                 | ---    |
| Grants fetched                       |  |                     |        |
| Duration                             | Title  | Issued Organization | Amount |
| ---                                  | ---  | ---                 | ---    |
| Awards                               |  |                     |        |
|                                      |  |                     |        |

### FACULTY DEVELOPMENT PROGRAMMES ATTENDED

| Name of the FDP / Workshop  | Organization                             | Duration | Month-Year |
|---|--|----------|------------|
| Workshop on Control System Engineering  | IIT Kharagpur                            | 1 Week   | DEC-2014   |
| Industrial Automation & PLC   | GP NASHIK                                | 1 Week   | DEC-2018   |
| Smart Grid  | NPTEL                                    | 8 Week   | DEC-2018   |
| Electric Vehicle  | NPTEL                                    | 4 Week   | DEC-2018   |
| Integration of Moral values Ethics Behavioral Sciences and Attitude towards Outcome Based Education for New age teachers. | SCOE MBA                                 | 1 Week   | NOV-2019   |
| NEW CHALLENGES & ISSUES IN ELECTRICITY MARKET   | SANDIP FOUNDATION & MSEDCL,EKLAHE NASHIK | 1 Week   | MAY-2020   |
| SOLAR LAMP ASSEMBLY DESIGN  | IIT BOMBAY                               | 4 Week   | OCT-2020   |
| TRAINING ON PYTHON  | PVG COET PUNE                            | 1 Week   | MAY-2020   |
| Non-Conventional Energy Sources   | S.K.B.P Polytechnic                      | 3 days   | MAY-2021   |
| Challenges and opportunities in hybrid vehicle”   | Thaigrajar Polytechnic.                  | 1 Week   | JUNE-2022  |
| Recent Technologies in Electrical Engineering   | S.N.D. Polytechnic ,Yeola                | 1 Week   | JUNE-2022  |
| Python Programming(ELITE--84)   | NPTEL                                    | 8 Week   | DEC-2023   |
| EPLAN course  | UDEMY                                    | 1 Week   | June-2023  |

|                          |                     |        |          |
|--------------------------|---------------------|--------|----------|
| Workshop On OBE( 2-days) | S.K.B.P Polytechnic | 2 Days | May-2023 |
|--------------------------|---------------------|--------|----------|

| OTHER PROFESSIONAL URLS |   |
|-------------------------|---|
| Personal Website        | <a href="https://bkadam91.wordpress.com/about/">https://bkadam91.wordpress.com/about/</a>                               |
| Linked In Profile       | <a href="https://www.linkedin.com/in/bhushan-kadam-16ab31303/">https://www.linkedin.com/in/bhushan-kadam-16ab31303/</a> |
| YouTube Channel         | <a href="https://www.youtube.com/@bhushankadam756">https://www.youtube.com/@bhushankadam756</a>                         |

**Seminar / Webinar attended or participated: -**

1. PYTHON STEP BY STEP UDEMY 8 WEEK
2. WEBINAR ON HOLISTIC ENERGY MANAGEMENT BE KUSHARE ENERGY AUDIT CONSULTANT
3. AUTOCAD Electrical UDEMY 4 WEEK
4. PRACTICES IN THERMAL POWER STATION ADANI ELECTRICALS
5. KNOWLEDGE OF SWITCHGEAR & CONTROL BY L&T PUNE
6. Completed TCS iON Career Edge - Young Professional Course.
7. AUTOCAD Electrical BY UDEMY
8. PRACTICES IN THERMAL POWER STATION ADANI ELECTRICAL
9. Advances in SCADA & 5 GTechnology Visvesvaraya Institute of Technology, Nashik
10. Online Short Training Program on“Mechatronics”Sanjay Bhokare Group of Institute, Miraj
11. Recent Technologies in Electrical Engineering JES's S.N.D. PolytechnicYeola Dist-Nashik