

Faculty Profile

Mr. Gaikwad Vikas Balasaheb

Assistant Professor,
Dept. of Electronics,
Sadguru Gadage Maharaj College,
Karad (M.S.) INDIA – 415 124
Email: vikasbgaikwad2013@gmail.com
Mob: +91 991484803



☞ Current Position:

- **Assistant Professor (Granted)**, Department of Electronics, Sadguru Gadage Maharaj College, Karad.

☞ Educational Qualifications:

- **Master of Science (Electronics, 2000)** from Shivaji University, Kolhapur, (First Class)
- **Bachelor of Science (Electronics, 1998)** from D. K. A. S. C. College, Ichalkaranji, Shivaji University, Kolhapur, (Second Class).

☞ Achievements:

- **UGC NET – (Electronic Science) June-2013**
- **Maharashtra SET (Electronic Science) May-2016**

☞ Teaching Experience:

| Designation | Institution | Duration | Nature of work done |
|--------------------------------------|---|----------|-----------------------|
| Assistant Professor (C. H.B.) | Department of Electronics, Sadguru Gadage Maharaj College, Karad. (MS), INDIA | 10 years | Teaching |
| Assistant Professor | Department of Electronics, Sadguru Gadage Maharaj College, Karad. (MS), INDIA | 3 years | Teaching and Research |

☞ Research publications:

International journals: Published : 04

1. **V. B. Gaikwad**, A. R. Patil, P. A. Kadam (2016) A Review on Soft Computing Approach to License Plate Recognition International Journal of Innovative Emerging Research in Engineering, 3(9), 20-21.
2. **V. B. Gaikwad**, G. B. Jirage, A. R. Patil, R. A. Nimbalkar, P. A. Kadam (2018) License Plate Detection Method For Yellow Plate Of Indian Vehicle *International Journal of Computational Engineering Research (IJCER)*, 8(9), 51-55.

3. S. R. Potdar, R. R. Mudholkar, **V. B. Gaikwad**, C. B. Patil, G. B. Jirage "OPTIMIZATION OF FUZZY LOGIC CONTROLLER USING GENETIC ALGORITHM: A SIMULATION STUDY ON GREENHOUSE CLIMATE CONTROL SYSTEM", *Journal of Information and Computational Science*, ISSN: 1548-7741, 11(7), 2021.
4. M. S. Pawar, **V. B. Gaikwad**, S. L. Jadhav., V. S. Jamdade, S. A. Mane, C. R. Bobade, Quiz Buzzer system By Using Arduino Uno For 5 Players", *Journal of Emerging Technologies and Innovative Research (JETIR)* Volume 10, Issue 5, May 2023.

Conference Proceedings : 04

1. National Conference on Latest Trends in Electronic Science and Technology (**LATEST-2014**) "Soft Computing Approach to Vehicle License Plate Recognition" 14-15 Feb. 2014
2. National Conference on Innovative Trends in Electronics and Technology " An Image Processing Techniques for Number Plate Detection", 23 Feb. 2017
3. V. B. Gaikwad, S. R. Potdar, A. S. Patil, P. A. Kadam, International Conference on Emerging Trends and Challenges in Electronics and Computing "Traffic Light Control with Image Processing", 4-6 March 2021

☞ Project Granted: 01 (Completed)

- Sanctioned a Minor Research project entitled '**Design and Development of Electrically controlled Automatic Hand Sanitizer Machine**' from under RUSA- UGC.

☞ Faculty Development/ Induction/ Training Programs: 08

- Completed One Week Online Faculty Development Program organized by Padmabhooshan Vasanturadada Patil Institute of Technology, Budhgaon, DIST-SANGLI during 26 Apr 2020 to 02 May 2020.
- Completed one week Faculty Development Programme on "ICT Tools for Effective Teaching Learning and Administration", from 26th to 31st May 2020, organized by Yashwantrao Chavan Institute of Science, Satara, India.
- Completed 4-Week Induction/Orientation Programme for Faculty in Universities / Colleges/Institutes of Higher Education from June 04 - July 01, 2020, organized by Teaching Learning Centre, Ramanujan College University of Delhi, INDIA.
- Completed State Level Online Workshop On "**e-Content Development and e-Assessment**" from September 07th to 11th , 2020, organized by Karmaveer Bhaurao Patil College, Vashi.
- Completed one week Faculty Development Program on "**DEVELOPMENT AND IMPLEMENTATION OF MOOCS**" from October 21 - October 27, 2020 and obtained a grade A+, organized by Teaching Learning Centre, Ramanujan College University of Delhi, INDIA.
- Completed INTER-DISCIPLINARY AND MULTI LINGUAL TWO -WEEK REFRESHER COURSE/ FACULTY DEVELOPMENT PROGRAMME on "**Managing Online Classes & Co- creating MOOCS 4.0**" from 11 - 26 March, 2021 and obtained Grade A+, organized by Teaching Learning Centre, Ramanujan College University of Delhi, INDIA.

- Completed one week Faculty Development Programme on “**Recent Trends and Challenges in Research**” from 10 - 18 May, 2021 and obtained Grade A+, organized by Teaching Learning Centre, Ramanujan College University of Delhi, INDIA.
 - Completed one week Faculty Development Programme on “**Research Methodology and Data Analysis**” from 13/09/2021 to 18/09/2021 organized by Sadguru Gadage Maharaj College, Karad and Faculty Development Center UGC- Human Resource Development Centre, SPPU (PMMMNMTT) Pune, INDIA.
 - Completed one week Faculty Development Programme on “**Blended Learning & Pedagogical Techniques**” from 22 - 29 January, 2022 and obtained Grade A+, organized by Teaching Learning Centre, Ramanujan College University of Delhi, INDIA.
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☞ **Extra Activity**

- Resource person for the Workshop on NET-SET organized by Department of Physics, S. G. M. College, Karad during 29 July to 2 Aug. 2020.
 - Organized One Week Online Short Term Training Program on Arduino Programming in association with Spoken Tutorial, IIT Bombay from 02nd Feb to 8th Feb. 2021, for B. Sc. III year students.
 - Resource person for the Workshop on NET-SET organized by Department of Physics, S. G. M. College, Karad during 23 to 27 Aug. 2021.
 - Working as committee member for B. Sc. First Year Admission
 - Working as member of Examination Committee.
 - Member of NAAC criteria 7, NIRF
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