**FACULTY PROFILE**

**Mrs. Rekha S. Tidke**

**Assistant Professor**

**Department of Electrical Engineering**

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| Kashyapi-A, Gangapur road Nashik, Maharashtra.Mob: 9922411488 Email ID: rekha.tidke@ges-coengg.org |  |

**QUALIFICATION**

* PhD Pursuing
* ME (Electrical Engg- Control Systems)
* BE (Electrical Engg)

**TEACHING EXPERIENCE**

* Current experience: 12 year 5 months
* Past experience: 2 year 5 months

**RESEARCH PUBLICATIONS**

1. R. Tidke and A. Chowdhury, “Quasi ZSI-fed sliding mode control-based indirect field-oriented control of IM using PI-fuzzy logic speed controller”, Electrica, 22(1), 70-83, Jan. 2022. DOI:10.5152/electrica.2021.21081
2. Rekha Tidke and Anandita Chowdhury, “Performance Analysis of Fuzzy Logic-Sliding Mode controlled Induction Motor Drive”, International Journal of Electric and Hybrid Electric Vehicle, Vol 15. Issue 4, DOI:10.1504/IJEHV.2023.10057173.

**ADMINISTRATIVE WORK**

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| Sr. No. | Post | Description |
| 1. | Exam coordinator From 2016 to 2021 | Exam schedule preparation as per slot provided by SPPU for SE to BE of Semester I (odd) and semester II (even). Exam time table time to time communication with students and faculty. Allotment of internal examiners.  |
| 2 | EPSA coordinator for year of 2022 | Under Students chapter EPSA, committee formation and various activity conduction. |
| 3. | Time Table coordinatorFrom 2023 onwards | Time table preparation and distribution for SE to BE of Semester I (odd) and semester II (even) |

**UNIVERSITY RESPONSIBILTITES**

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| Sr. No. | Post | Duties |
| 1. | Member | Life time Member of Indian Society for Technical Education (ISTE) |
| 2. | Subject Expert | Subject Expert for the Advance Microcontroller and Embedded System |
| 3. | Examiners (External and Internal) | Practical and Theory subjects of EngineeringPaper setter and examiner |

**FDP/WORKSHOP/WEBINAR/SEMINAR ATTENDED**

1. FDP on Recent trends in Renewable energy system, from 3/10/2023 to 09/10/2023 form JSPM’s Rajashri Shahu College of Engineering, Pune.
2. STTP on Python Programming at CCE SVNIT Surat from 26/12/2022 to 30/12/2022.
3. STTP on Sustainable Development and Recent Advances in Electrical Engineering, 26th September 2022 to 30th September 2022.
4. ANSYS WORKSHOP on Electromagnetics design, at EED, RHSCOEMSR, Nashik, from 10-11 August 2022.
5. ATAL FDP on Emerging Trends and Developments in Electric Vehicles, at EED, NIT Manipur from 25-29th Oct 2021.
6. ATAL FDP on Electric Vehicle Technology: Challenges and Business Opportunity, National Small Industries Corp. Ltd, A Government of India Enterprise, Hyderabad from 08-12th Nov 2021.
7. STTP on Program on outcome-based teaching, assessment, and evaluation, NBN Sinhgad school of Engineering Pune and InpodsInc.USA. from August 2nd-4th, 2021.

**ACHIEVEMENTS**

1. Mrs. R S Tidke has invited **as reviewer** for International Conference on Sustainable Development Goals & Gender Perspective (ICSDGAGP) 2021, Sardar Vallabhbhai National Institute of Technology (SVNIT), Surat, Gujarat, India.
2. Mrs. R. S. Tidke conducting a session on Wednesday,11/08/2021 as resource person for the subject “Advanced Microcontroller and Embedded System”, organised by Dr. D. Y. Patil Institute of Technology, Pimpri, Pune, Under the BoS (Electrical), SPPU, Pune, Online **Faculty Orientation Workshop TE (Electrical)** Revised Syllabus (2019 Course).

Mrs. Rekha S. Tidke