

## **Agnel Charities**

**Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai, Maharashtra**

### **Paper/Journal Publications**

**Name of Staff: Rajendra Soni**

#### **Conference Papers:**

- [1] Rajendra S, Bindu R, Divya S, Bindu S, “Application of Python-based Machine Learning for Transformer Performance and Transmission Line Fault Prediction”, 2nd IEEE International Conference on Artificial Intelligence and Quantum Computation-Based Sensor Applications, 2024.
- [2] Dinesh Bhujade<sup>1</sup>, Rajendra Soni<sup>2</sup>, “Direct Torque Control of Three Phase Induction Motor Using Space Vector Modulation Technique”, ICIECS, 2016.
- [3] Rajendra Soni<sup>1</sup>, P S Dhamal<sup>2</sup>, “Direct Torque Control of Three Phase Induction Motor Using Fuzzy Logic”, ICETTA, 2013.
- [4] Rajendra Soni<sup>1</sup>, P S Dhamal<sup>2</sup>, “Torque and Flux Control Methods of Three Phase Induction Motor”, ICNDCETM – 2012.

#### **List of Journal Papers:**

- [1] Rajendra Soni<sup>1</sup>, P S Dhamal<sup>2</sup>, “Direct Torque Control of Three Phase Induction Using Fuzzy Logic”, IJAMTES, September 2013.
- [2] Piyush Kumar<sup>1</sup>, Gaurav Rangari<sup>2</sup>, Ashwin Shirgaonkar<sup>3</sup>, Wilson Arnold<sup>4</sup>, Rajendra Soni<sup>5</sup>, “Implementation and Analysis of A Three-Phase Inverter using Different Modulation Techniques (SPWM and SVPWM)”, IJERT, ISSN-2278-0181, Vol-12, Issue 2, Feb – 2023.
- [3] Rajendra Soni, Yogesh Harel, Kaushal Karhade, Sushant Kedari, Shantanu Mahabale, “Design and Implementation of Indigenous Load Break Switch”, Journal of System Engineering and Electronics”, Volume 34, Issue 5, ISSN: 1671-1793, 2024.