

## Amrutha. H

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### Education

	Degree	Year	Institute
2	M.Tech	2019	Siddaganga Institute of Technology
3	B.E.	2017	Channabasaveshwara institute of technology

### Professional Experience

	Date (from-to)	Designation	Organization
1.	From Oct 2026	Assistant Professor and Head, Dept. of ISE	SIT Tumkur, Karnataka, India
2.	Jan 2020 to April 2025	Ph.D. Research Scholar, Dept. of EEE	VIT Velore, India

### Positions held

#### ***Trainee Project Engineer***

**ABB India limited.** - Bangalore.

- Developed a simulation project on "ABB 800xa applications in process control of a stirred reactor". The objective of the project is to control the process from heating till draining in the stirred tank reactor using compact control builder and graphic display tools. This will result reliable, secure and control environment with all built in security features.

#### ***Intern***

**KAVIKA** - Bangalore

- KAVIKA is the First ever manufacturer of Electrical Distribution Transformers in the Country. Participated in the design of Electrical Distribution Transformers in the range of 25 kVA to 500 kVA Energy Efficient 4 Star and 5 Star Rated up to 11kV/433V class.

### Affiliations of Professional organizations

- IEEE student member

### Research Areas

- Power electronics and Drives

- Soft computing
- Renewable energy

## Publications

### Journals

1) ABB 800xA Applications in Process Control of a Stirred Reactor [International Journal of Recent Technology and Engineering \(IJRTE\)](#) 8(2S6):2019

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