

Name	NAGAPAVITHRA S			
Department	EEE			
Qualification	M.E.			
Area of Specialization	CONTROL SYSTEMS			
Date of Joining (KSR IET)	18.07.2022			
Experience (as on)	Teaching: 4 Years 9 months	Industry: 00	Others: 00	
Number of Papers Published	National Journals : 00		International Journals : 04	
Number of Papers Presented	National Conferences : 01		International Conferences : 02	
Books Published	National Publisher : 00		International publisher : 00	
Contact Details	E Mail: <a href="mailto:pavithramahalakshmi@ksriet.ac.in">pavithramahalakshmi@ksriet.ac.in</a> Mobile: <a href="tel:9677874854">9677874854</a>			

#### Publications (International Journals)

- S.Nagapavithra, S.Umamaheswari, “ARTIFICIAL INTELLIGENCE”, Vol-13, Issue-2(Feb 2020), ISSN: 2349-3585, International Journal for Research and Development in Technology.
- S.Mahendran, S.Nagapavithra, “ANFIS CONTROLLER BASED POWER FACTOR IMPROVEMENT FOR INDUCTION MOTOR USING HYBRID INVERTER”, Special 11 (2017), ISSN: 1995-0772, AENSI Publications, Advances in Natural and Applied Sciences.
- P. Suganthi, S. Nagapavithra and S. Umamaheswari, "MODELING AND SIMULATION OF CLOSED LOOP SPEED CONTROL FOR BLDC MOTOR," 2017 Conference on Emerging Devices and Smart Systems (ICEDSS), 2017, pp. 229-233, DOI: 10.1109/ICEDSS.2017.8073686.
- S.Nagapavithra, S.Umamaheswari, “INTEGRATION OF BOOST FLYBACK

RECTIFIER AND ZSI BASED PFC AND SPEED CONTROL OF BLDC MOTOR”, Vol-2, Issue-12, 2016 ISSN: 2454-1362, Imperial Journal of Interdisciplinary Research.

- S.Nagapavithra, S.Umamaheswari, “BOOST INTEGRATED FLYBACK CONVERTER BASED PFC AND SPEED CONTROL OF BLDC MOTOR”, American Journal of Advanced Materials and Engineering Research Vol. 1 No.1 183- 187 (2016) 183.
- S.Nagapavithra, S.Umamaheswari, “ZETA CONVERTER FED BLDC MOTOR FOR POWER FACTOR CORRECTION AND SPEED CONTROL” IEEE Conference on Emerging Devices and Smart Systems, ISBN: 978-1-5090-2416-2, DOI: 10.1109/ICEDSS.2016.7587798.

#### Publications (National Journals)

-NIL-

#### Publications (International Conferences)

- Presented a paper entitled “BOOST INTEGRATED FLYBACK CONVERTER BASED PFC AND SPEED CONTROL OF BLDC MOTOR”, International Conference on Engineering Technology and Science, Muthayammal Engineering College, Namakkal on 18th & 19th March 2016.
- Presented a paper, “ZETA CONVERTER FED BLDC MOTOR FOR POWER FACTOR CORRECTION AND SPEED CONTROL” IEEE Conference on Emerging Devices and Smart Systems, ISBN: 978-1-5090-2416-2, DOI: 10.1109/ICEDSS.2016.7587798 on 5th march 2016.

#### Publications (National Conferences)

- Presented a paper entitled on “MODELING OF HIGH POWER FACTOR ELECTRODELESS FLUORESCENT LAMP USING SEPIC CONVERTER” in the National Conference on grid and energy management organized by Department of EEE and Centre for Research in Energy Systems, Mahendra Engineering College, Namakkal on 27th March 2015.

#### Books /Instruction materials/monographs published

S.No	Title of the Book	Author(s)	Name & Address of the Publisher	Year of Publishing
1.	-	-	-	-

#### Funded Research Projects

S.No	Title of the Project	Name of the Funding Agency	Amount Sanctioned (Rs.)	Role
1.	-	-	-	-

#### Funded Programmes Organized (Seminar/Conference/Workshop/FDP/STTP/Other)

S. No.	Date		Topic / Title	Funding agency and Amount Sanctioned
	From	To		
1.	-	-	-	-

#### Consultancy Activities (Industry)

S.No	Title of the Project	Name of the Company
1.	-	-

#### Training Offered

- Five days online Faculty Development Programme on “Inculcating Universal Human Values in Technical Education” organized by All India Council for Technical Education(AICTE) on May, 2022.
- One day faculty development programme on “PATENT DRAFTING FOR BEGINNERS”, organized by Salem College of Engineering and Technology, Salem on 26.04.2020. ➡ An online Faculty Development Programme on “CHALLENGES AND INNOVATION IN RENEWABLE ENERGY TECHNOLOGIES BY 2020”, organised by Department of EEE, Tagore Institute of Engineering and Technology on 2020.
- Faculty Development Programme on “INTRODUCTION TO RESEARCH”, by NPTEL – AICTE during Feb-Apr 2019.
- Two-day hands-on training program on “MATLAB IN ENGINEERING APPLICATIONS”, conducted by SCS-India & organized by Department of EEE, Mahendra Engineering College on 2017.

## Membership in Professional Bodies

- ISTE

## Subject Links

- NIL