



SAPTHAGIRI COLLEGE OF ENGINEERING

#14/5, Chikkasandra, Hesaraghatta Main Road, Bangalore-560057, Karnataka, India

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

FACULTY PROFILE

Name of the faculty

NAGARAJA B S

Designation

Assistance PROFESSOR

Contact Number

7899484765

Email ID

nagarajabs@sapthagiri.edu.in



Educational Qualification

Degree	Specialization	University	Year of Passing
M.Tech	Computer applications in Industrial Drives	SAHE	2012
B.E	Electrical & Electronics Engg	VTU	2008

Work Experience

Teaching	Research	Industry
10	0	0

Publications

National/International Journals	National/International Conferences	Books Authored/Edited
3	5	1

Area of Interest

Electrical Machines

Power system

Power electronics

Subject Taught

Basic Electrical Engineering	Transformer and Induction machines	DC machines and Synchronous machines
Computer Aided Electrical Drawing	Switch-gear and protection	Power system planning
Testing and commissioning	Electrical Estimation and costing	Transmission and Distribution
Electrical power utilization	Renewable sources of Energies	

Outside Experience

Sl. No	Place of Work	Designation	Period	
			From	To
1	Dyananda sagar college of Engineering	Asst. Professor	26/06/2012	11/01/2020
2	Sri Siddhartha Institute of Technology	Lecturer	15/07/2008	05/07/2010

Membership in Professional Bodies/University Bodies/Organization

- MISTE
- ISA

Publications

National/International Journals

- Nagaraja.B.S “To Establish the calculation procedure to limit the harmonics level not to cross the desired value in brushless alternators” International Journal of Electrical and Electronic Engineering
- Nagaraja.B.S “An Optimal Technique to Limit the Harmonics Level in Brushless Alternators” International Journal of Electrical and Electronic Engineering
- Nagaraja.B.S “Design implementation and analysis of non linear system based power quality using LABVIEW”. International Journal of Electrical and Electronic Engineering

National /International Conferences

1. Nagaraja.B.S “Super Conducting Fault current Limiter” National Level KNEW-2011 at Channabasaveshwara Institute of Technology, Gubbi
2. Nagaraja.B.S “Harmonics Analysis in Brushless alternator”IEEE National Conference on Technological development in Power Engineering. NCTDPE-2012, K.S.R college of Engineering.
3. Nagaraja.B.S ,”To Establish the calculation procedure to limit the harmonics level not to cross the desired value in brush-less alternator”National level technical paper presentation, HMSIT,Tumkur
4. Nagaraja.B.S,” An optimal technique to limit the harmonics level in brush less alternators”, International conference on Research trends in Engineering, Applied science and management (ICRATESM-2017),MCCIA, PUNE, volume 4, issue 8, ISSN 2394-3386
5. Nagaraja.B.S,”Design implementation and analysis of non linear system based power quality using LABVIEW”International conference on Recent Development in Engineering science, Humanities and management (ICRDESHM-2019),GIET,KOTA.ISBN: 978-93-87793-85-9

Faculty Development Programme Participated

1. Industrial Automation with PLC and SCADA System
2. Emerging Trends in PLC and SCADA based Industrial based Industrial Automation
3. Five days FDP on “Design and Development of Embedded system using MSP430” at DSCE 18th - 22nd Jan-2016
4. Five days FDP on “Bosch Rexroth PLC, SERVODRIVES, Sensors and SCADA” at DSATM 16th - 20th JAN-2019

Programme Organized

1. INTROBOTS (An Initiative by IIT Kharagpur Students)

Workshop Attended

1. Workshop on Electrical Cad.”M.S.Engineering college during 6th -8th in the month of DEC-2012
2. Lab view core-1 and 2 training organized by DSCE in association with NI Instruments.At NI Instruments 22nd -26th July-2013
3. Scope and challenges in Sustainable Technologies - A Present Day Scenario at DSCE 22nd and 23rd Sponsored by AICTE
4. National Institute for micro, small and medium Enterprises at DSCE sponsored by the ministry of MSME, Government of INDIA

Awards/Recognition/Achievement/Others

1. **Authored a Book on Electrical Drawing and CAD**, a core electrical engineering subject The work has been published by PHI publishers with ISBN: 978-81-203-4953-7

Invited as Resource Person:

- Invited as a resource person to conduct workshop on Computer aided electrical drawing at CIT, Gubbi on 28th April 2014
- Invited as a resource person to conduct workshop on Computer aided electrical drawing at Vidyaverdaka college of Engineering .Mysore.
- A two day Technical Workshop on “Computer Aided Electrical Drawing” sponsored by TEQIP at PESCE, Mandya.
- A two day Technical Workshop on “Computer Aided Electrical Drawing” at Sri Siddhartha Institute of Technology, Tumkur, Karnataka, India, Tumkur.