




DAYANANDA SAGAR ACADEMY OF TECHNOLOGY AND MANAGEMENT
22 Mile, B.M Kaval, Udayapura, Kanakapura Road, Bangalore-560082.
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING
Bio-Data

Faculty Name	Dr.K.Shanmukha Sundar	
Designation	Professor	
Educational Qualification	M.Tech., Ph.D.	
Experience in Years	30 Years	
Area of Interest	Power Systems, Smart Grid, Electric Vehicles, Renewable Energy sources and Power Electronics, Cyber security for power system	
Date of Birth	14-07-1966	
Email ID	shanmukhasundar-eee@dsatm.edu.in	

Educational Details

- Obtained Ph.D in Faculty in Electrical & Electronics Engineering Sciences during the year 2010 under JNNCE, Shivamogga as R&D centre under Visvesvaraya Technological University.
- Obtained M.Tech in Power & Energy Systems during the year1994 from **KREC(NITK)**, Surathkal, Mangalore University.
- Obtained B.E in EEE during the year1990 from Adi Chunchanagiri Institute of Technology, Mysore University.

Personal Details

- Hobbies: Cricket and listening to Music,
- Languages Known: Kannada ,English, Telugu, Hindi.

Professional Experience

Designation	Institution	Duration
Lecturer	Vijayanagar College of Engineering, Bellary.	1990-1992
Lecturer	Vijayanagar College of Engineering, Bellary	Feb-1994 November1995
Lecturer	Dayananda Sagar College of Engineering, Bangalore.	Dec. 1995 to Oct- 2004

Senior Lecturer	Dayananda Sagar College of Engineering, Bangalore.	Oct- 2004 to Aug-2005
Asst Professor	Dayananda Sagar College of Engineering, Bangalore.	Sept-2005 to December 2009
Associate Professor	Dayananda Sagar College of Engineering, Bangalore.	Jan-2010 to Dec-2010
Professor & HOD	EEE Department, Dayananda Sagar College of Engineering, Bangalore.	Jan-2011 to 26-05-2019
Professor	EEE Department, Dayananda Sagar Academy of Technology and Management, Bangalore.	27-05-2019 to till date

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Publications

International Journals:

1. **“Craziness PSO Optimized PIDF Controller for Automatic Generation Control of a Multi Source Restructured Power System Coordinated with RFB and TCPS Units”**, International Journal of Xidian University, Vol. 15, No. 6, 2021 , ISSN No:1001-2400, <https://doi.org/10.37896/jxu15.6/008>
(UGC-CARE List Group II -Scopus source record ID: 27686)
2. **An optimum location and load shedding to improve the voltage stability for radial distribution system during critical contingency**”, International Journal on Solid State Technology, Vo. 63, No.2s, Nov. 2020, pp. 7378-7388. ISSN:0038-111X
(Scopus source record ID: 27209)
3. **“Optimized IDN-FOPD Controller based AGC Loop of a Wind-Solar-Thermal Interconnected Power System with HES and IPFC Units** “International Journal of Innovative Technology and Exploring Engineering, Vol. 9, No. 1, PP.2937-2945, Nov 2019, .[Index- SCOPUS , Source code ID:21100871307]
a. DOI: 10.35940/ijitee.A9112.119119 ISSN:2278-3075
4. **“Automatic Generation Control Of A Solar-Thermal Deregulated Power System With Hydrogen Energy Storage Unit** “International Journal of Scientific and Technology Research, Vol. 8, No. 9, PP.1146-1151, Sept. 2019. ISSN 2277-8616.
(UGC-CARE List Group II, and Source Record ID: 21100894501)

5. **“Placement of PMU Optimally and Detection of Events in Power System”**
International Journal of Innovative Technology and Exploring Engineering, Vol. 8,
Issue:12, PP.4761-4767, October 2019.
DOI: 10.35940/ijitee.A9112.119119 ISSN:2278-3075
(UGC-CARE List Group II, and Scopus Source Record ID: 21100889409).
6. **“Design Of Fractional Order PID Controller For AGC Loop In A Deregulated Power System With RFB & IPFC Units** “Journal of Engineering Science and Technology, Vol. 14,
No. 2, PP.763-783, 2019, .[**Index- SCOPUS**]. ISSN: **1823-4690**.
(UGC-CARE List Group II, and Scopus Source Record ID: 18200156709).
7. **Optimal Controllers Design for Voltage Control in Off-grid Hybrid Power System”**. International Journal of Electrical and Computer Engineering (IJECE), Vol. 9,No. 6, December 2019, pp. 4586-4597, ISSN: 2088-8708, DOI: 10.11591/ijece.v9i6.
Scopus Indexed :<https://www.scopus.com/sourceid/21100373959>
8. **“Optimized Control of VAR/Voltage in the Off-grid Hybrid Power System.** “Emerging Research in Electronics, Computer Science and Technology”. Lecture Notes in Electrical Engineering, vol 545. April 2019Springer, Singapore .[**Index- SCOPUS**].
9. **“A Comparison Between Open Loop And Closed Loop Operation Of High Gain Quasi-Z Source DC-DC Converter** “,Proc. in Journal of Emerging Technologies and Innovative Research, June 2019, Vol. 6, Issue 6,pp 837-843, *ISSN: 2349-5162*. UGC Approved Journal (Journal No: 63975) ,IF:5.87
10. **“An Overview Of The Error Simulation/Injection For Software Testing** “,Proc. in Journal of Emerging Technologies and Innovative Research, June 2019, Vol. 6, Issue 6,pp 1006-1010, *ISSN: 2349-5162*. UGC Approved Journal (Journal No: 63975) ,IF:5.87
11. **“Three Phase Transformerless Inverter For Grid Tied Renewable Application By Using Fuzzy Logic Based On P-Q Theory”** , Proc. in International Journal of Mechatronics ,Electrical and Computer technology , July 2019, Vol. 9, Issue 33,pp 4241-4247 *ISSN: 2411-6173* (Print), *ISSN: 2305-0543* (Online).
12. **“Optimized Controllers’ Designs using Adaptive Bacterial Foraging Algorithm for Voltage Control and Reactive Power Management in Off-grid Hybrid Power System”**
International Journal of Image, Graphics and Signal Processing(IJIGSP),Vol. 11, No. 1, PP.33-43, Jan. 2019, DOI: 10.5815/ijigsp ISSN: 2074-9074 (Print), ISSN: 2074-9082 (Online) ,
Index-Google Scholar Citations / h5-index

13. **"Optimal Controllers Design for Voltage Control in Off-grid Hybrid Power System"**. International Journal of Electrical and Computer Engineering (IJECE), accepted and under publication , <http://www.iaescore.com>, [Index- SCOPUS]
14. **" Study of a Standalone Microgrid with Multiple Distributed Energy Resources "**, International Journal of Mechatronics , Electrical and Computer Technology, Volume 9(32), Apr. 2019, PP. 4154-4169.
15. **"ANFIS tuned PI Control of Inverter for VAR Support for Voltage Control in Off-Grid Hybrid Power System"** , International Journal of Pure and Applied Mathematics, Volume 118 No. 24 , 2018, ISSN: 1314-3395
16. **" THD Comparison using different PWM Techniques for Single Phase Eleven level Inverter "**, Proc. in International Journal of Advanced Research in Science and Engineering ,Vol. 07, special Issue 07, April-2018, pp 1192-1203, ISSN: 2319-8346(print), ISSN: 2319-8354(online).
17. **"Leakage Current Elimination by Single Phase Transformerless with Charge Pump Circuit for Grid Tied Renewable Applications "**, Proc. in International Journal of Advanced Research in Science and Engineering ,Vol. 07, special Issue 07, April-2018, pp 1097-1106, ISSN: 2319-8346(print), ISSN: 2319-8354(online).
18. **"Grid Connected Eleven level Inverter with Renewable Energy Source."**, Proc. in International Journal of current Engineering and Scientific Research(UGC Approved- 43032): ,Vol. V, Issue V, May-2018, pp 72-77, ISSN: 2393-8374(print), ISSN: 2394-0697(online)
19. **"Active and Reactive Power control for PV based water pumping system. "**, Proc. in International Journal on Recent and Innovation Trends in Computing and Communication ,Vol. 06, Issue 06, June-2018, pp 36-40, ISSN: 2321-8169
20. **Photovoltaic Solar System for Active Power Generation and Reactive Power Support in Microgrids"**, Proc International Journal of Emerging Technologies and Innovative Research (UGC-63975) , Volume 5, Issue 7, July 2018 , ISSN: 2349-5162, pp 861-869 impact factor 5.87.
21. **"Fuzzy Self Tuning PI Controller based Inverter Control for Voltage Regulation in Off-Grid Hybrid Power System"**, Elsevier Energy Procedia,Volume117, June 2017, Pages 409-416 , doi.org/10.1016/j.egypro.2017.05.160
22. **"Solar Based Dual Output LED Driver"**, Proc. in Imperial Journal of Interdisciplinary Research ,Vol. 2, Issue 12, 2016, pp 883-888, ISSN: 2454-1362, Impact factor 3.42

23. **“ Open Loop and Closed Loop control of non-isolated high step up converter with reduced voltage stress”**, Proc. in Imperial Journal of Interdisciplinary Research ,Vol. 2, Issue 12, 2016, pp 965-970, ISSN: 2454-1362, Impact factor 3.42
24. **“ A Comparative Study on Two different Flyback Configurations at Input PFC Stage for Lighting Applications”**, Proc. in International Journal of Mechatronics, Electrical and Computer Technology(IJMEC) , Vol. 5, Issue 14, January 2015, pp 46-60, IJMEC DOI: 649123/10118 ISSN : 2305 – 0543. Impact factor : 2.84, ICV : 5.77
25. **“Design of Piezoelectric Energy Harvesting and Storage Devices”**, Proc in International Journal of Advanced Research in Electrical , Electronics and Instrumentation Engineering(IJAREEIE) , Vol. 3, Issue 8, August 2014, pp 10945-10953, ISSN : 2320 – 3765, Impact factor :1.686.
26. **“Interleaved High Step-up DC-DC Converter with PID Controller”**, Proc in International Journal of Advanced Research in Electrical , Electronics and Instrumentation Engineering(IJAREEIE) , Vol. 3, Issue 8, August 2014, pp 11447-11456, ISSN : 2320 – 3765, Impact factor :1.686
27. **“ High Step-up DC-DC Converter with PID Controller for Photovoltaic Applications”**, Proc in International Journal of Engineering Trends and Technology(IJETT) , Vol. 12, Issue 4, June 2014, pp 176-182, ISSN : 2231 – 5381, Impact factor :0.569
28. **“ A Simulation Study of Active Snubber Cell for a PWM DC-DC Boost Converter”**, Proc in International Journal of Advanced Research in Electrical , Electronics and Instrumentation Engineering(IJAREEIE) , Vol. 3, Issue 7, July 2014, pp 10728-10736, ISSN : 2320 – 3765, Impact factor :1.686
29. **“ Performance Evaluation & Simulation of Solar Power System”**, Proc in International Journal of Innovative Research in Electrical , Instrumentation & Control Engineering (IJIREEICE), Vol. 2, Issue 7, July 2014, pp 1711-1717, ISSN : 2321 – 35526.
30. **“Integration of Two Flyback Converters at input PFC Stage for Lighting Applications”**, Proc in International Journal of Advanced Research in Electrical , Electronics and Instrumentation Engineering(IJAREEIE) , Vol. 3, Issue 8, August 2014, pp 10987-10994, ISSN : 2320 – 3765, Impact factor :1.686
31. **“High-Boost Ratio Hybrid Transformer DC-DC Converter”** proc. in “International Journal of Modern Science and Engineering Technology (IJMSET), ISSN 2349-3755”, Volume.1 and Issue.5, 2014
32. **“Effect of UPFC on system performance under Normal and fault condition”** , International Journal of Electrical and Electronics Engineering (*IJEEE*) ISSN (*PRINT*): 2231 – 5284, Vol-2, Iss-1, 2012,pp 60-63
33. **“Effect of static var compensator on voltage stability under network**

contingencies", International Journal of Electrical and Electronics Engineering (IJEEE) ISSN (PRINT): 2231 – 5284, Vol-2, Iss-1, 2012,pp 50-54

34. **"Selection of TCSC Location for Secured Optimal Power Flow Under Normal and Network Contingencies"** , International Journal of Electrical Power and Energy Systems (Elsevier), 34(2012), pp. 29-37, DOI: 10.1016/j.ijepes.2011.09.002
35. **"Real Time Control of Power Station Parameters Using Mobile Communication"**, published in International Journal of Electronics & Electrical Engineering (IJEEE), vol 11, No.1, pp.15-20, June-August 2010.
36. **"Voltage Stability Enhancement via Optimal Utilization of SVC"**, published in International Journal of Electrical Engineering and Electrical Systems Engineering (IJEEES), vol 2, No.1, pp. 10-15, April-June 2010.
37. **"Selection of FACTS Devices Location for OPF and to Enhance the System Performance"**, published in International Journal on Power Engineering (IJPE), vol 1, No.1, pp. 15-33, June 2009.
38. **"Secured OPF via Optimal Utilization of SVC"**, published in International Journal on Electronic and Electrical Engineering, ISSN 0974-2042. Pg. 77-86, vol. 1. No 1, Nov 2009,
39. **"Enhancement of system performance and OPF through an optimal utilisation of SVC"**, published in International Journal on Electronic and Electrical Engineering, ISSN 0974-2042. Pg. 122-132, vol. 1. No 1, Nov 2009.
40. **"Optimal Utilization of TCSC to Improve the System Operating Conditions under Network Contingencies"**, published in IETECH Journal of Electrical Analysis, International Engineering and Technology publications. Pg. 59-64,vol. 3. No 2,2009, ISSN 0973-8088.

National Journals: NIL

Conferences:

International Conference Proceedings:

1. **"Effect of Equivalent Electrical Distance and Voltage Stability Improvement Using DSTATCOM in Radial Distribution System "**, Proc. Of First International Conference on Advanced Technologies in Intelligent Control, Environment, Computing and Communication Engineering (ICATIECE-2019)", IEEE conference on 19th & 20th March 2019 held at Dayananda Sagar Academy of Technology &

Management,Bangalore-560082, Karnataka, India. (IEEE Xplore).

2. **“ Voltage and Frequency Control in Off-Grid Power System”** , Proc. Of First International Conference on Advanced Technologies in Intelligent Control, Environment, Computing and Communication Engineering (ICATIECE-2019), IEEE conference ,19th - 20th March 2019 , held at Dayananda Sagar Academy of Technology & Management ,Bangalore-560082, Karnataka, India. (IEEE Xplore)
3. **“ A Novel Method for Assessment of Voltage Stability Improvement for Radial Distribution System using SVC at Optimal Location”** , Proc. Of Third International Conference on Electrical, Electronics, Communication, Computer, and Optimization techniques (ICEECCOT) , IEEE conference ,14th - 15th Dec. 2018 , held at GSSSIETW, Mysuru, Karnataka. (IEEE Xplore),December 2018
4. **Fuzzy self tuning PI controller based inverter control for voltage regulation in off-grid hybrid power system ”** , 1st International Conference on Power Engineering Computing and CONTROL (PECCON-2017) 2nd - 4 th March 2017, VIT Chennai
5. **“Preparation and switching studies on binary compound GeTe for memory applications”** ,4th Elsevier International Conference on Materials Processing and Characterization, Materials Today: Proceedings, Volume 2, Issues 4–5, 14th & 15th March2015, Pages 1435-1440.
6. **“ Enhancement of System Performance using UPFC”** , Proc. Of International Conference on Electrical, Electronics & Instrumentation Engineering (ICEEIE), Bengaluru, organized by IRAJ Research forum in association with Institute of Research & Journals on 5th July 2014, ISBN: 978-93-84209-33-9
7. **“DC-DC Converter with Maximum Power Point Tracking For TEG Application”**, proc . International Conference on “An International Conference on Convergence of Science, Engineering & Management in Education and Research – A Global Perspective (II Edition)”., 26th and 27th September 2013.
8. **“Design of Off Grid PV System for Rural Community”** , Proc .IEEE International

Conference on Emerging Trends in Communication, Control, Signal Processing and Computing Applications (C²SPCA) . 10-11 October 2013.

a. DOI: [10.1109/C2SPCA.2013.6749365](https://doi.org/10.1109/C2SPCA.2013.6749365)

9. **“Real Time Control of DC Motor Drive using Speech Recognition”**, paper published in Proc. Of **IEEE IICPE 2010 (paper is going to be included in IEEE Xplore database)** held during Jan 281 to 30, 2011 at Netaji Subhas Institute of Technology, New Delhi.

a. [Power Electronics \(IICPE\), 2010 India International Conference on](https://doi.org/10.1109/IICPE.2011.5728117)
Digital Object identifier: [10.1109/IICPE.2011.5728117](https://doi.org/10.1109/IICPE.2011.5728117), Publication Year: 2011 , Page(s): 1 - 5 .

10. **“Enhancement of System Performance and Static Security Through an Optimal Placement of SVC”**, Paper presented in Proc. of IEEE conference **TENCON-2008** sponsored by **IEEE Region 10**, held during 18-21 November 2008 at University of Hyderabad, India.

a. **(This paper has been included in IEEE Xplore database)**, Digital Object Identifier 10.1109/TENCON.2008.4766799, ISBN: 978-1-4244-2408-5.

11. **“Enhancement of Power System Performance using TCSC”** Paper presented in **Proc. of IEEE conference POWERCON 2008 & IEEE Power India Conference**, held during 12-15 October 2008 at New Delhi, India. (CCC 978-1-4244-1762-9/08/\$25.00 ©2008 IEEE)

a. **(This paper has been included in IEEE Xplore database)**, Digital Object Identifier: 10.1109/ICPST.2008.4745253 ISBN: 978-1-4244-1763-6.

12. **“Enhancement of System Static Security and Optimal Power Flow Solution through an Optimal Placement of TCSC”** , Proc. of **International Conference on Power System Analysis, Control and Optimisation (PSACO-2008)** technically co-sponsored by **IEEE Hyderabad section**, held at Department of Electrical Engineering, AU College of Engineering, Andhra University, Visakhapatnam-530003, AP India, during 13-15th March 2008.

13. **“TCSC–A Device in Ameliorating Line overloads under Network Contingencies”**

in the Proc. **International Conference on Power Systems (ICPS-2008) organized by C.P.R.I**, Bangalore and is technically sponsored by IEEE (Bangalore section) and PES (IEEE-USA).

National Conference Proceedings:

- [1] "Simulation and MTPA Control of Permanent magnet synchronous motor", proceedings of , National Conference SEITCON-2016,22 &23 Feb 2016, pp-24-28., ISBN: 978-93-84935-79-5
- [2] "LED Driver Design Analysis" ,proceedings of , National Conference SEITCON-2016,22 &23 Feb 2016, pp-49-52, ISBN: 978-93-84935-79-5
- [3] "Design and Modelling of Solar PV System for DC & AC Loads and its effects of shading on PV Arrays" ,proceedings of , National Conference SEITCON-2016,22 &23 Feb 2016, pp-96-100, ISBN: 978-93-84935-79-5
- [4] "Car Battery Charger ,proceedings of , National Conference SEITCON-2016,22 &23 Feb 2016, pp-101-105, ISBN: 978-93-84935-79-5
- [5] "Low cost 36 W LED Driver for Indoor Applications", Proceedings on National Conference on RIESMS-2015, 10th & 11th Sept. 2015, pp-48-53, ISBN: 978-93-5254-017-4.
- [6] " High output voltage Generation for Medcila X-Ray Imaging Applications using N-Multiplier and Stacked Transformer", Proceedings on National Conference on RIESMS-2015, 10th & 11th Sept. 2015, pp-54-58, ISBN: 978-93-5254-017-4.
- [7] **"Implementation of STATCOM in Simulink to Mitigate Voltage Sag"**, Proceedings of National Conference on Recent Investigation in Electrical Engineering using Experimental & Computational Techniques held on 14th Oct 2011 at B.N.M Institute of Technology, Bangalore
- [8] **"1 kW Buck Topology Based SMPA"** at 18th IEEE Annual Symposium on " Emerging Needs in Computing, Communication, Signals and Power ENC2SP 2009" on 29 August 2009 held at hotel Solitaire, Bangalore.
- [9] **"Contingency Ranking of a Power System by an Integer Linear Programming Method"** at National Symposium on **"Scenario of Scientific & Information Technology in Power and Electronic Systems"** on 3rd & 4th April 2008 held at Dayananda Sagar College of Engineering, Bangalore and is co-sponsored by Central Power Research Institute, Bangalore.
- [10] **"Optimization Methods in Power Systems"** at Second National Seminar on Modern Trends in Power Systems, organized by E & E Dept. D.S.C.E, Bangalore, and sponsored by CPRI, Bangalore during 5-6, April-2007
- [11] **"Enhancement of System Static Security under N-1 Contingency through**

Optimal Placement of TCSC Paper presented in the Proc. of IEEE Fifteenth Annual Symposium on Technological Advances and IT Applications for Indian Power Sector, Bangalore, India, 24-25 Nov, 2006.

[12] ***The Allure of Parallel Processing in Power System*** at Two-Day National Seminar on Modern Trends in Power Systems, organized by E & E Dept., D.S.C.E, Bangalore and sponsored by CPRI, Bangalore on 10-11, Nov-2005

Awards

Academic Activity

Total Experience in Years	Teaching: 30 yrs	Administrative: 8.5 yrs (out of 30 years)
PhDs/Projects Guided/Guiding	PhDs	03
	Ph.Ds Produced	01
	Projects at Master level	32
	Projects at UG level	30
Research Areas	(i) Power System –Optimal Power flow & Power Quality with the integration of EV and RES and, AGC (ii) Power Electronics and Renewable Energy Resources.	
Professional Memberships	ISTE life member	
Grants fetched	(i) 0.93 lacs from AICTE-ATAL for conducting FDP on "Smart Cities" from 18-01-2021 to 22-01-2021 (ii) 1 Lac Seminar grants from AICTE during 2013 (iii) 4.04 lacs from AICTE for conducting Two week FDP during April 2019	

Faculty Development Activity

- Coordinator and Organised Faculty Development Programme on **"Smart Cities"**,

sponsored and funded by **AICTE-ATAL** from 18-01-2021 to 22-01-2021 at EEE Dpet, DSATM.

- Coordinated and Organised **AICTE-ATAL sponsored** Faculty Development Programme on “ **Cyber Security**”, from 02-12-2019 to 06-12-2019 in collaboration with NPTI (Ministry of power).
- Participated and completed **NPTEL course** on “**Electric Vehicles-Part-I**” from Feb-March. 2020.
- Participated in online training programme on “**Cyber Security for Power System**”, organized By **Indian Smart Grid Forum(ISGF)**.
- Completed online training on “**Electric Vehicle –Charging Station Infrastructure & Technology**” from 06-11-2020 to 08-11-2020 organised by **MSME Technology Development Centre(PPDC),Agra**.
- Participated in FDP on “**Next Generation Intelligent Power Grids –A Future**” from 28-07-2020 to 01-08-2020.
- Participated and completed **AICTE-ATAL Academy FDP on “Cyber Security”** from 02-12-2019 to 06-12-2019 at Hot Line Training Centre (NPTI), Ministry of Power, Bengaluru.
- Participated and completed the **SWAYAM(AICTE) ARPIT** course for Carrier Advancement Scheme promotion on “**Big Data Analytics for Smart Grid**” in the year 2019
- Participated in Five days FDP on “**Graphical Programming, Data Acquisition and Hardware Programming**” using NI LabVIEW during 28th June 2019 to 2nd July 2019 organized at DATM in association with National Instruments.
- Participated in Five days FDP on “**Future and Emerging Trends in Electrical & Electronics Systems with Machine Learning, IIoT and Smart Grids**” using NI LabVIEW during 28th Jan 2020 to 1st Feb. 2020 organized at DATM in association with National Instruments (VI Solutions).
- Organized Five Faculty Development Programmes.
- **As a speaker, delivered lectures/technical Talks at various Institutions/organisations(central).**

Administrative Activity

Administrative Experience:

Implementation of OBE (NBA) in the department

- BOE Member, Visvesvaraya Technological University, Belgaum
- Served as Expert committee member for Ph.D selection under Visvesvaraya Technological University, Belgaum.
- Served as Local Inspection Committee member under Visvesvaraya Technological University, Belgaum
- BOS Member , Jain University, Bengaluru
- Served as member of BOS, Alliance University, Bengaluru
- Served as NBA Coordinator and instrumental in getting accreditation to the department twice in the past. As HoD, able to get 3years accreditation for the department in the year 2017.
- Served as Deputy Custodian for Bangalore University Examination at Bangalore University in the year 1998-1999.
- Served as Tabulator for Bangalore University Examination under Bangalore University.
- Serving as Examiner for Bangalore University & V.T.U.
- Serving for VTU and Bangalore University for confidential works.
- Actively involved in Planning & Organizing the departmental activities, viz. organizing Departmental Seminars/ Invited Talks /Workshops /Staff Training Programs/Symposium, Preparation of Manuals, arranging technical tours etc.
- Served as chairperson for selected committees formed during various functions held at college level viz: Graduation Day, Fresher's Day etc.
- Served as PG (M.Tech) coordinator from Oct 2006 to July 2008.
- Key responsibilities include Department development and Annual program funding allocation for Laboratories other activities.

Administrative Skills:

My administrative and teaching experience has enhanced my professional skills in dealing with various academic activities. Few of them are:

- Implementation of academic planning and policies with appropriate collaborations.
- Fostering academic excellence culture in the organization/Institution
- Promote individual student success by acquiring and analyzing the strengths and weakness of each student
- Communication of Student academic progress to the parents.
- Coordinating departmental and other academic meetings which involves students and/or students

- Monitoring and mentoring new Faculty members
- Enthusiastic and experienced in setting up administrative and academic rules and regulations.

Professional Membership

- ISTE

Contact Details

Professor, Department of Electrical & Electronics Engineering
Dayananda Sagar Academy of Technology & Management
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Bengaluru-560082

My Vision

- To share and enhance my knowledge by guiding Ph.Ds.
- To become good administrator by using my skills and intelligence with an option to share and teach the technical knowledge to students and Faculty community.
- To become good trainer in the field of Smart Grid and Cyber Security.