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| --- | --- |
| C:\Users\HODEEE\Desktop\Photo.jpg | Dr. Sardar Ali’s Profile C:\Users\HODEEE\Desktop\QR CODE  OF  DR. SARDAR ALI ORCID.png  [dr.saliswcc@gmail.com](mailto:dr.saliswcc@gmail.com)  +919030142778 |

About Me

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | |  | **India** | |  | **English, Arabic, Urdu, Hindi, Kannada, Marathi, Telugu.** | |  | **64 years old Male with no disability** | | |  |  | | --- | --- | |  | **Nationality Indian Citizen,**  **ID : 208572560157** | |  | **B - Light Vehicles up to 3,500kg,**  **A1 - Motorcycles up to 125cc** | |

My Career Status

|  |  |
| --- | --- |
| **Current / Most Current**  **Professor & Head of EEE Department with total work experience of more than 36 years**  **Highest Qualification: Doctorate in Electrical Engineering**  **R120,001 - R180,000 pa**  **Notice Period / Availability**  **2 Calendar Months** | **Next**  **Professional Electrical Engineer in**   * **Bahrain.** * **Kuwait.** * **Maldives.** * **Oman.** * **Qatar.** * **Saudi Arabia.** |

My Career Summary

|  |  |  |
| --- | --- | --- |
| **Company** | **Position** | **Duration** |
| * **Deccan College of Engineering & Technology** | * **Professor & Head of EEE Department** | * **Jun 2017–Current** |
| * **Royal Institute of Technology & Science** | * **Professor of EEE & Principal**   **( Ratified by JNTUH)** | * **Aug 2014–Jun 2017** |
| * **Royal Institute of Technology & Science** | * **Professor & Head of EEE Department** | * **May 2011–Aug 2014** |
| * **Khatib & Alami** | * **Senior Electrical Engineer** | * **Jul 2010–May 2011** |
| * **Royal Institute of Technology & Science** | * **Professor & Head of EEE Department** | * **Mar 2007–Jul 2010** |
| * **Al-Fawzani & Partners Contracting limited** | * **Electrical Engineer** | * **May 2006–Mar 2007** |
| * **Royal Institute of Technology & Science** | * **Professor & Head of EEE Department** | * **Jul 2004–May 2006** |
| * **Syed Hashim College of Science & Technology** | * **Associate Professor in EEE** | * **Feb 2001–Jul 2004** |
| * **Deccan College of Engineering & Technology** | * **Assistant Lecturer in EEE** | * **Apr 1998–Feb 2001** |
| * **Saudi Trading & Contracting Company (SATCO)** | * **Electrical Supervisor** | * **Jul 1995–Apr 1998** |
| * **KCT Polytechnic** | * **Lecturer in Electrical Engineering** | * **Jun 1993–July 1995** |
| * **Ijzala Trading & Contracting Company Riyadh KSA** | * **Electrical Engineer** | * **Jul 1991–Jun 1993** |
| * **KCT Polytechnic Gulbarga** | * **Lecturer in Electrical Engineering** | * **Aug 1982–Jul 1991** |

My Skills

|  |  |
| --- | --- |
| **Expert / Specialist**   * **Auto Cad** * **Electrical Load Design** * **Mat Lab** * **Simulink** | * **Computer Hard wares** * **LV and LC system Design** * **MS Office** |

My Employment / Professional Experience: 36 Years +

**Professor & Head of EEE Department**

* **Jun 2017–Current**
* **Deccan College of Engineering & Technology**
* **Permanent Present Specialist position in India**
* **Teaching & Training UG and PG students of EEE Department, Administration of Department, Electrical maintenance of Campus buildings including LV substation Reason for leaving: For further better career and research work in other country**

**Professor of EEE & Principal (Ratified by JNTUH)**

* **Aug 2014–Jun 2017**
* **Royal Institute of Technology & Science**
* **Permanent Management position in India**
* **Teaching & Training UG and PG students of EEE. Administration of College as Principal, Electrical maintenance chief of College buildings with substation Reason for leaving: Changed the University JNTU to OU**

**Professor & Head of EEE Department**

* **May 2011–Aug 2014**
* **Royal Institute of Technology & Science**
* **Permanent senior position in India**
* **Teaching and Training UG and PG Students of EEE Department. Administration of Department. Electrical maintenance Chief. Reason for leaving: Promoted as Principal in same organization**

**Senior Electrical Engineer at Khatib & Alami**

* **Jul 2010–May 2011**
* **Contract senior position in Saudi Arabia**
* **Review and comments of Electrical Design of pumping Stations, Transmission line-HT, Electrical Sub-Stations, Cathodic Protection of Pipe Lines and many more. Site Inspection of ongoing work with RFI Request and reporting to construction manger etc..**
* **Reason for leaving: Contract Completed**

**Professor & Head of EEE Department**

* **Royal Institute of Technology & Science**
* **Mar 2007–Jul 2010**
* **Permanent senior position in India**
* **Teaching and Training UG & PG Students of EEE. Administration of Dept. Electrical Maintenance.**
* **Reason for leaving: For Foreign Consignment**

**Electrical Engineer**

* **Al-Fawzani & Partners Contracting limited**
* **May 2006–Mar 2007**
* **Contract Intermediate position in Saudi Arabia**
* **Electrical Load Design of High Rise building (Dental College of King Faisal University), Prepared Electrical Shop Drawings, Line Diagrams, Panel Board Diagrams of Lightings. Power systems and MCC. Implementation of all systems on site under my supervision. And many more**
* **Reason for leaving: Contract completed**

**Professor & Head of EEE Department**

* **Jul 2004–May 2006**
* **Royal Institute of Technology & Science**
* **Duties: Teaching and Training UG & PG Students of EEE. Administration of Dept. Electrical Maintenance.**
* **Reason for leaving: For foreign Consignment**

**Associate Professor in EEE**

* **Feb 2001–Jul 2004**
* **Syed Hashim College of Science & Technology**
* **Duties: Teaching and Training UG Students of EEE**
* **Reason for leaving: For better opportunity**

**Assistant Lecturer in EEE**

* **Apr 1998–Feb 2001**
* **Deccan College of Engineering & Technology**
* **Duties: Teaching and Training UG Students of EEE**

**Reason for leaving: For better Future**

**Electrical Supervisor**

* **Jul 1995–Apr 1998**
* **Saudi Trading & Contracting Company (SATCO)**
* **Duties: Maintenance of Electrical Systems and Irrigation systems**
* **Reason for leaving: Contract Completed**

**Lecturer in Electrical Engineering**

* **Jun 1993–Jul 1995**
* **KCT Polytechnic Gulbarga**
* **Duties: Teaching and Training Diploma Students of EEE**
* **Reason for leaving: For Foreign Consignment**

**Electrical Engineer**

* **Jul 1991–Jun 1993**
* **Ijzala Trading & Contracting Company Riyadh KSA**
* **Duties: Electrical and Electronics System Maintenance of Irrigation Project, Asphalt Plant, Crusher Plant, Ready-mix cement concrete Plant.**
* **Reason for leaving: Contract Completed**

**Lecturer in Electrical Engineering**

* **Aug 1982–Jul 1991**
* **KCT Polytechnic Gulbarga**
* **Duties: Teaching and Training Diploma Students of EEE**
* **Reason for leaving: For Foreign Consignment**

My Education

* Doctorate: PhD in Electrical Engineering, **Jawaharlal Nehru Technological University Anantapur.**

**December 2010**

* **Doctorate: PhD in Electrical & Electronics Engineering, The Floret Global University, Republic of Panama, February 2009**
* **Masters in M.Tech in EPS–Jawaharlal Nehru Technological University Anantapur.**

**May 2004, Electrical Power Systems**

* **Degree: AMIE- in EE– The Institution of Engineers (India).**

**Aug 2000, Electrical Engineering.**

* **Diploma in DEE– Govt. Polytechnic Bidar.**

**Aug 1982, Electrical Engineering.**

* **Certificate in SSLC–Govt. High School Humnabad. May 1972**

Doctoral Thesis

1. **DETAILS OF DOCTORAL THESIS – I :**

Doctoral Degree **: PhD in Electrical Engineering**

Area of Thesis work **: FACTS Controllers**

Title of Thesis **: Minimization of System Harmonics Using FACTS**

**Controllers to Enhance Controllability and Increase**

**Power Transfer Capability**

Supervisor **: Dr. KSR Anjaneyulu**

Year of Completion work **: 2009**

Year of award of PhD  **: 2010**

1. **DETAILS OF DOCTORAL THESIS – II :**

Doctoral Degree **: PhD in Electrical & Electronics Engineering**

Area of Thesis work **: Active and Passive Filter Technology**

Title of Thesis **: Improvement P.F. Power Quality by Using Active Filters**

Supervisor **: Dr. Syed Abdul Sattar**

Year of Completion work **: 2008**

Year of award of PhD  **: 2009**

Overall Work Responsibilities

* **Manage all financial aspects of projects through ongoing job forecasting.**
* **When necessary, estimate change orders for assigned projects.**
* **Manage all jobs closeout procedures.**
* **Conduct post project reviews to determine areas for work improvement.**
* **Generate high quality work in alliance with the vision and mission**
* **Conducts site visits to understand the Installation of projects.**
* **Understands plans and specifications to identify the types and grades of materials and equipment needed to ensure compliance with project requirements.**
* **Develops project schedules: assigning cost and manpower to the schedule and provide cash and manpower forecasting.**
* **Develops budgets and cost codes for projects; assisting in the preparation of technical proposals, including assisting in the design and writing the scope of**
* **Work, management plans, work sequence, safety, quality control and commissioning.**
* **Provide assistance to the estimating department, purchasing department.**
* **Ensure on time delivery of projects, within scope and budget**
* **Lead an installation team, manage contract requirements, and assist the sales team in the preparation of job estimates, proposals and presentations**
* **Manage safety program for assigned projects**
* **Maintain a high level of Client satisfaction and promptly resolve the issues**
* **Resolves work issues which may negatively impact customer payment**
* **Ensure that Change Order Management requirements are met**
* **Provide completed project documentation and work with service team to handover the project to warranty service**
* **Review of drawings, designs, modifications and specifications, inspection of ready units, construction stages and processing of stage payments and also preparation of status of work reports and monthly progress reports.**
* **Evaluation of load forecast of pumping stations and other loads connected to the project, using advanced software packages. Such as DAP: Demand Analysis and Planning software**
* **Adapted the modern techniques to improve the load forecast**
* **Determination of risk and probability factors which affect the power demand to rectify them.**
* **Inspect electrical work of infrastructure project, Low Voltage Service Feeder Installation and house construction to ascertain the conformity with drawings, specifications and standards.**
* **Determination of load scheduling, load dispatch & load balancing.**
* **Keeping the power distribution record properly.**
* **Witness the field tests, review the test data and participate in commissioning and acceptance inspections for all electrical works in the infrastructure project.**
* **Prepare progress reports and check Bill of Quantities and invoices for payments to the infrastructure contractors.**
* **Review contractors’ submittals for materials, equipment, spares, operation and maintenance manuals, shop drawings and various other submittals**
* **Maintain complete information and drawing set records and also perform any other job related to the position**

Research Experience

* **Md. Asif**

**1203PH0796**

**2012**

**“Power Grid analysis for efficient distribution of green energy”**

**Jawaharlal Nehru Technological University Hyderabad**

**Supervisor**

* **Shaik Rafeeq Ahmed**

**1203PH0737**

**2012,**

**“Energy efficient power supply for regerative capability for electrical locomotives”**

**Jawaharlal Nehru Technological University Hyderabad**

**Supervisor**

* **A. Nagaraju.**

**1203PH0740**

**2012**

**” Reliability evaluation and analysis of wind and solar energy systems”**

**Jawaharlal Nehru Technological University Hyderabad**

**Co-Supervisor**

* **P.Siddartha Kumar**

**1203PH0717**

**2012**

**” Power Electronics based Facts Controllers for stability improvement of a wind energy distribution system”**

**Jawaharlal Nehru Technological University Hyderabad**

**Co-Supervisor**

* **Fatima Azra**

**No: SVU15010103**

**2015**

**“Energy Management of Smart Consumer with Energy Storage, Rooftop PV & Electric Vehicle”. ­SHRI VENKATESHWARA UNIVERSITY. Uttar Pradesh.**

**Supervisor**

**PUBLICATIONS: 54**

**INTERNATIONAL JOURNALS AFTER PHD (12)**

1. **Dr. Sardar Ali and Reshma Sultana Husna.” *“Mobile, Radio and Satellite Communications in 5G Context”.* International Journal of Engg. Research and Indu. Appls. (IJERIA) ISSN 0974-1518, Vol. 12, No. I (June 2019), pp. 17 -29**
2. **Fatima Azra and Dr. Sardar Ali. *“Performance analysis of solar electric vehicle in smart home electric grid”.* International Journal of Management, Technology and Engineering Volume IX, Issue IV, APRIL/2019 ISSN NO: 2249-7455. Page NOS: 5673-5678**
3. Ajmeri Fatima and Dr. Sardar Ali. ***“ Protection issues in power networks with Distributed generation”.*** INTERNATIONAL JOURNAL OF ENGINEERING RESEARCH & INDUSTRIAL APPLICATIONS (IJERIA). ISSN 0974-1518, Vol.11, Issue No.II, pp.17-33, Aug 2018
4. Kumar Reddy Cheepati, Sardar Ali and Surya Kalavathi M**. *“Enhancement of Power Quality with Robust Series Active Filter under Harmonic Polluted Loading Conditions in Distribution Networks”.*** International Journal of Control and Automation. Vol. 11, Issue No- 6, pp.45-56, 2018
5. **Fatima Azra and Dr. Sardar Ali. *“An Efficient energy management system for smart homes with solar panels”.* International Journal Of Research In Electronics And Computer Engineering A Unit Of I2or (IJRECE). 5 ISSUES 1st JAN.-MAR. 2017 ISSN: 2393-9028 (PRINT) | ISSN: 2348-2281 (ONLINE). Page Nos: 87-93**
6. Kumar Reddy Cheepati, Sardar Ali and Surya Kalavathi M**. *“Design, Analysis and Importance of Damped Double Tuned Harmonic Filters in Improving Power Quality under Non Linear Load Conditions”.***International Journal of Advanced Research in Engineering and Technology (IJARET). Vol-08, Issue No – 2, Mar-Apr 2017.
7. Kumar Reddy Cheepati, Sardar Ali and Surya Kalavathi M***.” Performance Analysis of Double Tuned Passive Filter for Power Quality”*.** International Science Press ISSN: 0974-5572 (**I J C T A)** Vol-09, Issue No – 7, pp. 3295-3305, , Mar-Apr 2016.
8. Kumar Reddy Cheepati, Sardar Ali and Surya Kalavathi M. ***“Implementation Of Shunt Hybrid Active Filter (SHAF) For Power Quality Improvement With Fuzzy Logic Controller To Mitigate Current Harmonics”.*** International Journal of Electrical and Electronics Engineering, Vol-07, No 02, PP-01-10, July-December-2015.
9. Nagaraju. Annam, Dr. Bhagwan Reddy and Dr. Sardar Ali**. *“Reliability Evaluation of Wind Power Plant – A Case Study”*.** International journal of engineering sciences & research Technology (IJESRT), Vol-2, No 04, PP 49-57, June, 2015.
10. Nagaraju. Annam, Dr. Bhagwan Reddy and Dr. Sardar Ali*.* ***“Control Strategy for wind Energy and Hybrid Generating Systems Based on the Concept of Power Electronics”.*** International Journal & Magazine of Engineering Technology, Management & Research A peer reviewed open access international Journal ISSN NO 2348-4845, Vol-2, NO 04, pp 280-286, April, 2015.
11. Nagaraju. Annam, Dr. Bhagwan Reddy and Dr. Sardar Ali*.* ***“PV/Battery to the Grid Integration of Hybrid Energy Conversion System with Power Quality Improvement Issues”*.** International Journal & Magazine of Engineering Technology, Management & Research A peer reviewed open access international Journal ISSN NO 2348-4845, Vol-2, No 04, PP 298-404, April, 2015.
12. Md. Asif, Dr. Sardar Ali and Dr.Samba Siva Rao. ***“A Simulink Model for Emergency Power System and Electricity Market using Green Energy Technology”*.** A Simulink Model for Emergency Power System and Electricity Market using Green Energy Technology”. Vol-2, No 08, PP 1379-1385, August, 2012

**INTERNATIONAL JOURNALS BEFORE PHD (07)**

1. Mohammed Maqbool Ahmed, B. G. Krishna Reddy and Sardar Ali**. *“Enhancement of IR Images to Detect Metallic Objectives by Using Image DE- convolution”*.** International Journal of Research & Industrial Applications (IJERIA). ISSN 0974-1518, Vol-3, No-III, PP 55-67, August, 2010.
2. Sardar Ali, KSR Anjaneyulu and Syed Abdul Sattar. ***“Power Flow Control Using FACTS Controllers”***. International Journal of the Technology World Quarterly Journal-ISSN 2180-1614(Malaysia), the Technology World (Malaysia), Vol-5, No-01, PP 154-164, October-November, 2009.
3. Sardar Ali and K S R Anjaneyulu. ***“Power Quality Improvement by Suppressing Harmonics Using Power Active Filters”***. International Journal of Applied Engineering Research (IJAER). Research India Publications New Delhi, India. ). ISSN 0973- 4562, Vol- 4, No- 11, PP 2307-2328, August 14, 2009.
4. Sardar Ali, P. Sujatha and KSR Anjaneyulu. ***“Improvement of Load Power Factor Using FACTS Controllers”***. International Journals of Engineering Research and Industrial Applications (IJERIA). ASCENT Publication House Pune, India. ISSN 0974-1518, Vol-2, No-VI, PP 233-249, 2009.
5. Sardar Ali, P. Sujatha and KSR Anjaneyulu. ***“Reduction of Harmonics using FACTS Controller”***. International Journal of Applied Engineering & Research (IJAER), Research India Publications New Delhi, India. ISSN 0973- 4562, Vol-4, No-4, PP 505-518, March 19, 2009.
6. Sardar Ali and KSR Anjaneyulu. ***“Measurement of voltage stability using FACTS controllers & Artificial Neural Network”***. International Journal of Electrical Systems & Control (IJESC), Vol-1, No-1, PP 7-15, June, 2009.
7. Sardar Ali, P. Sujatha and KSR Anjaneyulu. ***“Improvement of power quality using FACTS Controllers”***. International journal of Engineering Research & Industrial Applications (IJERIA), ASCENT Publication House Pune, India. ISSN 0974-1518, Vol-2, No- IV, PP 111-134, April 4, 2009

**NATIONAL JOURNALS BEFORE PHD (01)**

1. Sardar Ali, KSR Anjaneyulu and P. Sujatha***. “Minimization of Harmonics using FACTS controllers for the Improvement of power Transfer capability”***. Indian Journal of Power & River Valley Development, Vol-59, Nos 7 & 8, PP 96-105, July-August, 2009.

**INTERNATIONAL CONFERENCE AFTER PHD (27)**

1. Nagaraju Annam, Dr. J.Bhagwan reddy and Dr. Sardar Ali***.”A Strategic Markov Approach for Reliability Assessment of Engineering Systems”***. Proceedings of International Conference on “Smart and Sustainable Initiatives for Energy within Environmental Constraints. Copyright @ SSIEEC-2017, Malaysia. Vol-1, PP 35-42, December 7, 2017.
2. Nagaraju Annam, Dr. J.Bhagwan reddy and Dr. Sardar Ali. ***“Reliability Cost/Worth Assessment of Generating Systems Incorporating Solar PV / Wind Energy”***. *5th World Conference on Applied Sciences, Engineering & Technology* HCMUT, Vietnam ISBN 13: 978-81-930222-2-1, Organized by BASHA RESEARCH CENTRE, Vol-2, No-04, pp 221-226, June, 2016.
3. Kumar Reddy Cheepati, Dr.Sardar Ali and Dr.Surya kalavathi.M. ***“Performance Analysis of Double Tuned Passive Filter for Power Quality”***. International Conference on Innovative Trends in Engineering, Science & Management. Organized by Noorul Islam Center for Higher Education Tamilnadu, India, on 26th & 27th February, 2016.
4. Kumar Reddy Cheepati, Dr.Sardar Ali and Dr.Surya kalavathi.M. ***“Implementation Of Shunt Hybrid Active Filter (SHAF) For Power Quality Improvement With Fuzzy Logic Controller To Mitigate Current Harmonics”***. International Conference on Technologies for sustainability-Engineering Information Technology, Management and Environment ISBN-978-81-931039-7-5, Proceeding PP 01-10, Organized by DAV Institute of Management Faridabad SUSTECH-15, on November 28, 2015.
5. Shazia Fathima and Dr. Sardar Ali. ***“Generation of Impulse voltages”***. International conference on innovations in Electrical & electronics engineering (icieee-2014) ISBN: 978-93-82163-55-8, organized by Guru Nanak Engineering College”, Payable at Ibrahimpatnam, RR Dist. Telangana, India. On 5TH & 6THSeptember-2014.
6. Syed Bader Anwar and Dr. Sardar Ali. ***“Massive Energy Storage Systems for the Renewable Green Energy Revolution”***. RITS- ICAEM-2013 International Conference on Advancements in Engineering & Management ISBN 978-93-5104-586-1, PP 81-88, organized by Royal Institute of Technology & Science, Damergidda, Cheval, RR Dist., Telangana State, on 27 & 28th February, 2013.
7. Hussain Shaik, S.Chaitanya and Dr. Sardar Ali***.” Speed Estimation Error Of Sensor less Induction Motor Drives Using Soft Computing Technique”***. RITS- ICAEM-2013 International Conference on Advancements in Engineering & Management ISBN 978-93-5104-586-1, PP 99-103, organized by Royal Institute of Technology & Science, Damergidda, Chevella, RR Dist., Telangana State, on 27 & 28th February, 2013.
8. M. A. Lateef, Syed Maqdoom Ali and Dr. Sardar Ali. ***“Reactive Power Aspects in Reliability Assessment Of Power Systems”***. RITS- ICAEM-2013 International Conference on Advancements in Engineering & Management ISBN 978-93-5104-586-1, PP 104-112, organized by Royal Institute of Technology & Science, Damergidda, Chevella, RR Dist., Telangana State, on 27 & 28th February, 2013.
9. Syed Maqdoom Ali and Dr. Sardar Ali. ***“Reliability Cost Assessment for Upgrading Feeder By Using Customer Surveys”***. RITS- ICAEM-2013 International Conference on Advancements in Engineering & Management ISBN 978-93-5104-586-1, PP 113-120, organized by Royal Institute of Technology & Science, Damergidda, Chevella, RR Dist., Telangana State, on 27 & 28th February, 2013.
10. Md.Asif, Dr.Sardar Ali and Dr.Samba Shiva Rao. ***“SMART GRID: An Improved Technology”***. RITS- ICAEM-2013 International Conference on Advancements in Engineering & Management ISBN 978-93-5104-586-1, PP 121-124, organized by Royal Institute of Technology & Science, Damergidda, Chevella, RR Dist., Telangana State, on 27 & 28th February, 2013.
11. Sajida Begum and Dr. Sardar Ali. ***“Design of Optimal System -Level for Embedded Wireless Sensor Unit”***. RITS- ICAEM-2013 International Conference on Advancements in Engineering & Management ISBN 978-93-5104-586-1, PP 125-134, organized by organized by Royal Institute of Technology & Science, Damergidda, Chevella, RR Dist., Telangana State, on 27 & 28th February, 2013.
12. Sarver Maqdoom and Dr. Sardar Ali. ***”Suppression of Voltage Sag & Swell To Stop The Interruption In Power Network Using D- STATCOM”***. RITS- ICAEM-2013 International Conference on Advancements in Engineering & Management ISBN 978-93-5104-586-1, PP 135-139, organized by organized by Royal Institute of Technology & Science, Damergidda, Chevella, RR Dist., Telangana State, on 27 & 28th February, 2013.
13. Naga Raju Annam, Dr. Bhagwan Reddy and Dr. Sardar Ali. ***“A Strategic Wind Form Integration Method to Polluted Distributed System with Shunt Capacitor”***. RITS- ICAEM-2013 International Conference on Advancements in Engineering & Management ISBN 978-93-5104-586-1, PP 154-160, organized by organized by Royal Institute of Technology & Science, Damergidda, Chevella, RR Dist., Telangana State, on 27 & 28th February, 2013.
14. Syed Mubasheer Ahmed and Dr. Sardar Ali. ***“A Survey on Development of FACTS for Transmission Systems”***. ITS-ICAEM-2013 International Conference on Advancements in Engineering & Management ISBN 978-93-5104-586-1, PP 194-197, organized by organized by Royal Institute of Technology & Science, Damergidda, Chevella, RR Dist., Telangana State, on 27 & 28th February, 2013.
15. Mohammed Waseem, Mohd Mansoor Ali and Dr. Sardar Ali*.* ***“Speed-Sensor less Induction-Motor Drive Based MRAS Estimator”***.ITS-ICAEM-2013 International Conference on Advancements in Engineering & Management ISBN 978-93-5104-586-1, PP 198-202, organized by organized by Royal Institute of Technology & Science, Damergidda, Chevella, RR Dist., Telangana State, on 27 & 28th February, 2013.
16. Sardar Ali and KSR. Anjaneyulu***. “Practical Implementation of grounding to medium voltage”.***

RITS- ICAEM-2012 International Conference on Advancements in Engineering & Management

PP 62-73, organized by Royal Institute of Technology & Science, Damergidda, Chevella, RR Dist., Telangana State, on 28 & 29th February, 2012.

1. Abdul Sattar and Dr. Sardar Ali. ***“Reliable power using facts devices”***. RITS- ICAEM-2012 International Conference on Advancements in Engineering & Management, PP 80, organized by Royal Institute of Technology & Science, Damergidda, Chevella, RR Dist., Telangana State, on 28 & 29th February, 2012.
2. Syed Badar Anwar and Dr. Sardar Ali. ***“Digital Simulation of Step-Up Cycloconverters Used in Fractional Frequency Transmission System Using Mat lab”.*** RITS- ICAEM-2012 International Conference on Advancements in Engineering & Management, PP 69, organized by Royal Institute of Technology & Science, Damergidda, Chevella, RR Dist., Telangana State, on 28 & 29th February, 2012.
3. Md.Aleemuddin and Dr. Sardar Ali.”***Mitigation Of Harmonics And Reactive Power Using Control Strategy Of Active Power Filters With FACTS”.*** RITS- ICAEM-2012 International Conference on Advancements in Engineering & Management, PP 72, organized by Royal Institute of Technology & Science, Damergidda, Chevella, RR Dist., Telangana State, on 28 & 29th February, 2012.
4. Syed Maqdoom Ali and Dr. Sardar Ali. ***“Problems and Remedies in Power Distribution System for the Improvement of Power Quality Using Power Active Filters”.*** RITS- ICAEM-2012 International Conference on Advancements in Engineering & Management, PP 66, organized by Royal Institute of Technology & Science, Damergidda, Chevella, RR Dist., Telangana State, on 28 & 29th February, 2012.
5. Syed Amjad Ali Khan and Dr. Sardar Ali***. “Capacitor Voltage Balancing Control of Cascaded Multi-Level Inverter For Power Quality Conditioner”.*** RITS- ICAEM-2012 International Conference on Advancements in Engineering & Management, PP 77, organized by Royal Institute of Technology & Science, Damergidda, Chevella, RR Dist., Telangana State, on 28 & 29th February, 2012.
6. M. A.Lateef and Dr. Sardar Ali. ***“Harmonics Restraint for the Economical Way of Power Supply Benefited To Consumers”.*** RITS- ICAEM-2012 International Conference on Advancements in Engineering & Management, PP 67, organized by Royal Institute of Technology & Science, Damergidda, Chevella, RR Dist., Telangana State, on 28 & 29th February, 2012.
7. Mohd. Sajid, Dr. Sardar Ali and Dr.KSR Anjaneyulu. ***“Role Of Facts Devices For The Control Of Active And Reactive Powers For The Improvement Of Reliability And Quality Of Supply”.*** RITS- ICAEM-2012 International Conference on Advancements in Engineering & Management, PP 75, organized by Royal Institute of Technology & Science, Damergidda, Chevella, RR Dist., Telangana State, on 28 & 29th February, 2012.
8. Waheeda Begum and Dr. Sardar Ali. ***“Reduction of Ratings and cost of compensators for the Improvement of Power quality of Distribution System Using FACTS Controllers with Current limiting Switch (CLS)”.*** RITS- ICAEM-2012 International Conference on Advancements in Engineering & Management, PP 69, organized by Royal Institute of Technology & Science, Damergidda, Chevella, RR Dist., Telangana State, on 28 & 29th February, 2012.
9. Hussain Shaik and Dr. Sardar Ali. ***“Estimation of wide speed range Using Fuzzy Logic Control for Sensor less Induction Motor Drives”.*** RITS- ICAEM-2012 International Conference on Advancements in Engineering & Management, PP 71, organized by Royal Institute of Technology & Science, Damergidda, Chevella, RR Dist., Telangana State, on 28 & 29th February, 2012.
10. Mohd Waseem and Dr. Sardar Ali. ***“Analysis of Short Circuit Current for Medium Voltage Sub-Station”.*** RITS- ICAEM-2012 International Conference on Advancements in Engineering & Management, PP 71, organized by Royal Institute of Technology & Science, Damergidda, Chevella, RR Dist., Telangana State, on 28 & 29th February, 2012.
11. Sardar Ali, KSR Anjaneyulu, B.G.K Reddy and Md. Haneef Abid. ***“Prevention of Environmental decay/ damage in steel and reinforced cement concrete structures by Cathodic Protection”.*** International Conference on Environmental Management ICEM-2005, PP 9-22, organized by Center of Environment Institute of Science &Technology, J.N.T. University, Kukatpally, Hyderabad –INDIA, on 28&30/10/ 2005.

**NATIONAL CONFERENCE AFTER PHD (01)**

1. Nagaraju. Annam, P.Sainiranjan, Dr.J.Bhagwan Reddy and Dr. Sardar Ali. ***“A - Z-Source Inverter Based dynamic Voltage Restorer Approach for Voltage Sag Compensation Using Mat lab/SIMULINK”.*** National Conference on Science & Technological Exploration NCOSTEP-2K13, PP 61-71, organized by ARYABHATA Institute of Technology & Science, on December 12th & 13th 2013.

**NATIONAL CONFERENCE BEFORE PHD (06)**

1. Sardar Ali, KSR Anjaneyulu and P. Sujatha. ***“Application of ANN for the measurement of Voltage Stability using FACTS Controllers”.*** National Conference on Recent Trends in Information Technology Prospects for Global India Brand Techno Carnival – 06, PP-9, organized by Dept. of CSE, RITS at The Institution of Engineers (India) Hyderabad, on 3&4/02/2006.
2. Sardar Ali, KSR Anjaneyulu and P. Sujatha. ***“Control of Three Phase Four Wire FACTS System Using Neural Network”.*** National Conference on Recent Trends in Information Technology Prospects for Global India Brand Techno Carnival – 06, PP-9, organized by Dept. of CSE, RITS at The Institution of Engineers (India) Hyderabad, on 3&4/02/2006.
3. Sardar Ali, Dr. KSR Anjaneyulu and Dr. Syed Abdul Sattar. ***“Micro Controller Based Load Monitoring & Control”.*** National Conference on Bio Medical & Process Instrumentation BINCON-2005, PP-130-135, Department of EIE Royal Institute of Tech. & Science Dammer Gidda, Chevella, R.R. dist. INDIA. On 19&28/3/2005.
4. SardarAli, Mukassir Ahmed and Susrutha Anand. ***“Automatic Verification of Ladder Logic Programs for controllers”.*** National Conference on Bio Medical & Process Instrumentation BINCON-2005, PP 104-113, organized by Department of EIE Royal Institute of Tech. & Science Dammer Gidda, Chevella, R.R. dist. INDIA, on 19&28/03/2005.
5. Shah Aqueel Ahmed, Mohd. Arif Rizwan, Syed Abdul Sattar and Sardar Ali. ***“Automation of Building Management”.*** National Conference on Bio Medical & Process Instrumentation BINCON-2005, PP 10-13, organized by Department of EIE Royal Institute of Tech. & Science Dammer Gidda, R.R. dist. INDIA, on 19&28/03/2005.
6. Prof. Sardar Ali, Dr. KSR Anjaneyulu and Mr. Quazi Mateenuddin. ***“Corrosion Control in RCC Structure By Cathodic Protection”.*** National Conference on Bio Medical & Process Instrumentation BINCON-2005, PP-166, organized by Department of EIE Royal Institute of Tech. & Science Dammer Gidda, R.R. dist. INDIA, on 19&28/03/2005.

**AREA OF RESEARCH INTEREST**

* FACTS Technology
* AI Technique in Electrical Engineering
* Neural Network & Fuzzy Logic
* Wireless Communication with embedded System
* Sensor Technology for the Oil Pipes
* Role of Electricity to protect decay of steel in RCC roof & Columns
* Solar Energy System
* Transmission & Distribution Systems with Protection
* Advanced Electrical Machines

**ACHIEVEMENTS AND AWARDS**

* Life Time Achievement Award in Engineering leadership, Awarded on January 4 2019 By International Foundation Chennai.
* Bharat Jyothi Puruskar Award 2017
* Published an article in Web Magazine “People and Environment” on “Corrosion Control” on 17th November 2005.
* Best Teacher Award of 2013, Awarded by Royal Institute of Technology & Science, in 2013
* Certificate of Appreciation as “Outstanding Performance” Awarded to Sardar Ali as Electrical Supervisor on 21st Feb 1998.By Group Manager Royal Commission Jubail & Yambu, Jubail, Saudi Arabia in 1998
* Certificate of Appreciation & Aptitude, Awarded to Sardar Ali as Electrical Supervisor on 26th June 1996 By Director, Roads Department, Royal Commission Jubail & Yambu, Jubail, Saudi Arabia in 1996
* Certificate of Appreciation as “Outstanding Performance” Awarded to Sardar Ali as Electrical Supervisor on 6th June 1998.By Senior Irrigation Engineer, Roads Department, Royal Commission Jubail & Yambu, Jubail, Saudi Arabia in 1998
* Author for 9 Electrical Engineering Text Books.
* Conducted Workshop on Latest Trends in FACTS and Drives (WLTFD-06) at The Institution of Engineering (INDIA)Hyderabad (South India chapter)
* Seminar on Role of Electrical Engineers in Electrical Distribution System on at RITS Campus, India
* Conference Secretary for RITS International Conference RITS ICAEM-2012.
* Conference convener for RITS International Conference RITS ICAEM-2013.
* External Examiner for Viva-voice in Final Examination B.Tech EEE. (Various Engineering colleges)
* Observer (State level) for EAMCET 2005 Secunderabad. INDIA
* Project Guide for Post Graduate & Graduates in Electrical power system & Power Electronics.
* PhD GUIDE (6 candidates are pursuing PhD under my guidance)
* Certified International & National Reviewer of Technical Journals
* Published 16 Technical Research papers on Electrical Technology in International Journal & 01 in National Journal
* Presented 35 Technical Papers in National & International Conferences
* Participated in 3 days workshop on Flexible AC Transmission Systems (FACTS) JNTU College of Engineering at Campus, Hyderabad – INDIA
* Participated in 1 day workshop on FACTS held on 11th Nov 2005 organized by IEEE chapter Hyderabad at IST, JNTU campus. Hyderabad – INDIA
* Participated in the International 1 day workshop on 14th October 1995 on Cathodic Protection at Jubail Industrial City (K.S.A) organized by British Contracting Co. sponsored by Royal Commission Jubail & Yambu.

**TEXT BOOKS AUTHORED**

* Power System Operation & Control - - - Sure Publications
* Power Semiconductor Drives - - - Sure Publications
* Utilization of Electrical Energy - - - Sure Publications
* Electro mechanics – I - - - Dominion Publications
* Electro mechanics – II - - - Sure Publications
* Electro mechanics – III - - - Sure Publications
* Electrical Technology - - - Sure Publications
* Electro Magnetic Theory - - - Dominion Publications
* Electrical Distribution Systems - - - Sure Publications

**MEMBERSHIPS OF PROFESSIONAL ORGANIZATIONS**

* FIE (F-123358-7)-EL (Fellow of IEI), The Institution of Engineers (India) 8-Gokhale Road, Kolkata-700 020, INDIA
* Charter Engineer Electrical
* Life Member (L.M. No. 1751) Instrument Society of India, Department of Instrumentation, Indian Institute of Science, Ban galore, Karnataka 560 012, India
* MISTE (LM-4491) Life member of Indian Society for Technical Education, IIT Campus, New Delhi (India).
* AST – Electrical (No. 62815353) National Education Corporation, 925, Oak Street, Scranton, PA-18515 (USA)
* Competency Certificate, Issue by Govt. of Karnataka, Ministry of Energy, Ban galore, Karnataka, India
* Electrical Supervisor (Permit No.13033) Ministry of Energy, Govt. of Karnataka, Bangalore, Karnataka, India

**OTHER INFORMATION (IF ANY)**

* Visiting Professor for foreign Universities
* Visiting Professor for GATE
* Visiting Professor for RRB
* Visiting Professor for IES & APSEB
* Trainer for International Engineering Job searcher ( Electrical & Electronics System Design & Implementation in Hi-Rise buildings

**REFERENCES**

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  2. Dr. Mohammed Azizuddin, Professor of Mechanical Engineering, Deccan College of Engineering & Technology, Darussalam, Nampally, Hyderabad. E-Mail ID: [azizuddinmech@gmail.com](mailto:azizuddinmech@gmail.com) / Mobile: +9192477341412
  3. Dr. P.R.Vishwanath, Professor of IT & Head of Placement Cell, Deccan College of Engineering & Technology, Darussalam, Nampally, Hyderabad. E-Mail ID: [vishwanath.raghava@gmail.com](mailto:vishwanath.raghava@gmail.com) / Mobile: +919985339968

**Declaration**

I hereby declare that the information furnished is true to the best of my knowledge and belief.

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