

Annexure – 18.8(I-XVII)

Resume



1. NAME : **Dr. FAHEEM AHMED KHAN**
2. DESIGNATION : **Prinipal**
Ghousia Institute of Technology
For Women, Hosur Road, Bangalore.
3. DATE OF BIRTH : **15- 03-1973**
4. RESIDENTIAL ADDRESS : **No. 1808 B, Vidya Nagar,**
Ramanagaram.
Phone: **+91 99863 43109,**
E-mail: : faheemahmedkhan11@gmail.com
principalgitfw@gmail.com

5. EDUCATIONAL DETAILS

QUALIFICATION	COLLEGE/UNIVERSITY	CLASS/ DIVISION	YEAR
Ph. D. (Electrical and Electronics)	JNTU, Hyderabad (Hyderabad)	--	Oct- 2015
M.E (Power and Energy Systems)	UVCE, Bangalore (Bangalore)	First Class with Distinction	2005
B.E. (Electrical and Electronics Engg.)	SJCE, Mysore (Mysore)	First Class	1996

6. EXPERIENCE: 25 Years

Total	Institute	Designation	Duration	Period
	Ghousia Institute of Technology	Principal, GITW	1st July 2023 to till date	2 Years 5 Months
Teachi ng & Resear ch	GCE	Professor and HOD, ECE	11th April 2022 to 30th June 2023	1 year 2 Months
		Professor & Director, R&D	1st Nov. 2015 Till date	4 Years 9 Months
		Assoc. Professor	1st April 2011 To 31st Oct. 2015	4 Years 7 Months
		Assist. Professor	1st Nov. 2007 To 31st March 2011	3 Years 4 Months
		Senior Lecturer	1st Feb 2006 To 31st Aug. 2007	1 Year 7 Months
		Lecturer	4th May 1998 To 31st Jan 2006	7 Years 9 Months
Industr ial	Fine Core Cables, Mysore	Quality Assurance Engineer	1st July 1996 To 27th April 1998	1 year 9 Months

Major Assignments:

1. Successfully running the college as First Principal and the challenges are met.
2. Successfully defended the department and the College during NBA and NAAC as HOD and IQAC coordinator respectively.
3. Member BOE, VTU, Belagavi for the year 2020-21
4. Member BOE, Dr. AIT, Bangalore for the year 20220-21, 2022-23
5. **Convener IQAC, GCE Ramanagaram**
6. Convener Anti-ragging Committee, GCE
7. Convener Grievance Redressal Cell (GRC), GCE Ramanagaram

7. DATE OF ENTRY INTO SERVICE : 04th May 1998
8. MEMBERSHIPS OF TECHNICAL BODIES : 1. LM ISTE, New Delhi. Membership No. 35736
2. Fellow, Institute of Engineers Membership No. F-1229997
3. Chartered Engineer, Institute of Engineers

9. TRAINING PROGRAMMES / SEMINARS / CONFERENCES CONDUCTED AS CO- ORDINATOR:

Sl. No	Programme	Date
1	International Conference SMART GENCON	23-25 th December 2022
2	National Conference on Innovation in Engineering and technology (NCIET - 2022)	13 th August 2022.
3	One week FDP on <i>“Future World – A Paradigm Shift in Technology”</i>	15-19th June 2020.
4	AICTE sponsored One Week Short Term Training Programme (STTP- 2019)	26th - 31st August 2019
5	National Conference “NConPCS 2017”	6 th May 2017
6	National Conference “NConPCS 2015”	8 th April 2015
7	1-Day student conference STUCON -8	2008
8	One day seminar on “Applications of AI and ANN to Electrical and Electronics Engineering”	03/05/2003.

10. TRAINING PROGRAMMES/ SEMINARS/ CONFERENCES ATTENDED:

Sl. No	Programme	Place	Date
1	Athree day online faculty development programme on “Mentoring Skills and Cognitive Strategies”	Bangalore Institute of Technology, Bangalore	29th – 31st March 2023
2	one day workshop on “New Model Curriculum for First Year BE-CBCS Detailed Syllabus (2018-19) as per OBE format including COs and Bloom’s Taxonomy” under TEQIP -1.3	MSRIT, Bangalore	14 th May 2018
3	One day seminar on “Recent Industrial Trends in Electric Drives”	MSRIT, Bangalore	09/07/2003
4	“Applications of AI and ANN to Electrical and Electronics Engineering”	GCE, Ramanagaram	03/05/2003
5	One day seminar on “Optical Communication and Networks”	GCE, Ramanagaram	10-11 th march 2006
6	“Current trends in transmission and distribution of electrical power”	New Horizon College of Engineering, Bangalore.	10.06.2006
7	“Advanced signal processing technologies	BNMIT, Bangalore	7-8 th April 2006
8	“Present trends and GIS applications to distribution system for achieving efficiency improvement”	UVCE, Bangalore.	7 th November 2007
9	“Recent Trends in Automation using PLC’s and micro controllers (A program under TEQUIP)”	MSRIT, Bangalore	11/04/2007
10	a workshop for revision of syllabus for 3 rd and 4 th semester	NIE, Mysore	9/10/2007
11	“Latest trends in video processing”	NHCE Bangalore.	7-8 th March 2008
12	3 rd National Conference on Advances in Electrical and Electronics Engineering (NCATEE-10)	SJBIT, Bangalore	8 th May 2010
13	International Conference	Trivandrum, Kerala, India	21-22 Dec 2010
14	International Conference on Emerging Trends in Engineering (ICETE-11)	Nitte, Karnataka	04-05 th May 2011

Sl. No	Programme	Place	Date
15	International Centenary Conference in Electrical Engineering (CC EE)	IISc, Bangalore	14-17 th dec. 2011
16	International Conference on Engineering, Management and Computer Applications (INRTIEMC-2011)	Pallavan College of Engineering, Thimmasamudram, Kanchipuram, Tamil Nadu	23 rd -24 th May 2011
17	International Joint Conference on “Emerging Intelligent Sustainable Technologies”, (EISTCON-2012),	Dayananda Sagar College of Engineering, Bangalore	3 rd & 4 th May 2012
18	International conference on computational intelligence and communication ICCIC-2012	SKR Engineering college Agarmel, Poonamallee, Chennai	4-6 th July 2012
19	3 rd International conference on Intelligent Information systems and Management IISM'12	RVS college of Engineering and technology, Coimbatore, TN India	12-14 th July 2012
20	International conference on advances in power conversion and Energy Technologies	Lakireddy Balireddy College of Engineering, Guntur, Andhra Pradesh	2-4 th August 2012
21	Five day Faculty Development Programme (FDP), a TEQUIP sponsored program	Dr. A.I.T, Bangalore	11-15 th June 2013
22	Three day Power system Simulation Lab-I training program	GCE in association with Power Research & Development Corporation (PRDC) Bangalore	5-7 th December 2014
23	a Three day Power system Simulation Lab-II training program	GCE	12-13 th March 2015
24	7 th National Conference on Advances in Electrical and Electronics Engineering (NCATEE-2016)	SJBIT, Bangalore	7 th May 2016
25	<i>“New Model Curriculum for First Year BE/ B. Tech CBCS Detailed Syllabus (2018 - 19) as per outcome-based Education (OBE) format including Course Outcomes (CO) and Bloome’s Taxonomy”</i>	MSRIT Bengaluru.	14 th May 2018
26	External Observer for the Quality Improvement Program	Christ University Bengaluru	24 th August 2016.
10.	RESEARCH / DEVELOPMENT / MODROBS / OTHER PROJECTS: (i) One Research Proposal Submitted to Science and Engineering Research Board (ii) One Research Proposal Submitted to AICTE-AQIS (Dec 2019)		
11.	STUDENTS PROJECTS GUIDED. (a) Ph. D Completed: 02 Scholars have done their Ph. D from VTU (b) PG Projects: Around 25 (c) UG Projects: Around 50		

12. LEARNING RESOURCE MATERIALS DEVELOPED

1. Prepared

- (i) Circuit Simulation and Measurement Lab. Manual
- (ii) Micro controllers Lab. Manual

2. About 20 Measurement Related charts, Transparencies and Slides.

3. Chapters summary of

- (i) Network Analysis
- (ii) Basic Electrical Engineering
- (iii) Field Theory

13. CONSULTANCY SERVICES

Different erection and power supply works worth Rs. 48.4 lakhs undertaken by City Municipal Corporation, Ramanagaram were reviewed.

- i. Quality assessment of cable and motor pumps installed in tube wells dug in and around the vicinity of Magadi TMC limits in the year 2012
- ii. Power supply to SC/ST houses under 18% scheme of SFC 2008-2009 worth 3 lacs
- iii. Provision of street lighting in the median under Chief Minister's small and medium town development scheme worth 36 lacs
- iv. Electrification to Samudaya Bhavan (community halls) of SC/ST's under 22.75% scheme of CMC worth 1 lacs
- v. Electrification to the street lighting of SC/ST areas under 22.75% scheme of CMC 2 lacs worth
- vi. Electrification to the street lighting in the limits of CMC under SFC 2009-2010 worth 4.4 lacs
- vii. Electrification of street lighting in Beedi colony, Ramanagaram worth 2 lacs
- viii. Quality assessment of cable and motor pumps installed in tube wells dug in and around the vicinity of Magadi and Kanakapura TMC limits in the year 2013.
- ix. **Third Party Inspection of Solar street lights installed in Ramanagaram, kanakapura, Channapatna, Magadi worth 44 Lakhs (May 2017)**
- x. **Solar street light inspection in Ramangara dist worth Rs. 4.00 lakhs during February 2018**

14. EXPERT LECTURES DELIVERED:

- 1. On Insulation in High Voltage Engineering at G. Made Gowda Institute of Technology, Bharathi Nagar, Maddur Taluk, Mandya Dt.

15. PUBLICATIONS

: Please See Enclosure

16. HONOURS RECEIVED

- (i) **Conferred with "Award for Research Publications-(ARP)" for the year 2016-17 by the VGST-Vision Group for Science & Technology, Government of Karnataka.**
- (ii) Best Paper Award in an International conference held in Coimbatore in Tamilnadu 2012
- (iii) Best Paper Award in an International conference held in ponamallee, Chennai 2012
- (iv) Best Paper Award in a National Conference held at DBIT, Bangalore 2012
- (v) Best Paper Award in a National Conference held at SJBIT, Bangalore.2010

17. AREAS OF INTEREST: High voltage Engineering. Fields and Waves

18. AREAS IN WHICH EXPERT LECTURES CAN BE DELIVERED

High Voltage Engineering. Fields and Waves

19. HOBBIES: Reading, and Administration

20. ABROAD VISITS: Nil

21. CONTRIBUTION TO THE ELECTRICAL ENGINEERING DEPARTMENT / GHOUSIA COLLEGE OF ENGINEERING

- i. Appointed Coordinator for special classes to be conducted for backlog students (September 2019)
- ii. Appointed **Chief Editor** of College Magazine in April 2017. Brought out successfully volume for the year 2018 and released in graduation Day.
- iii. Member College Discipline committee 2015
- iv. Had been the Member Magazine committee since 1998 to 2014
- v. Appointed External DCS to Government Engineering College, Ramanaagram in 2011 and 2013
- vi. Appointed External DCS to Jnana Vikas Institute of Technology, Bidadi in 2006
- vii. Worked **Deputy Chief Superintendent (DCS)** in several university theory examinations in Ghousia College of Engg. **2010, 2015, 2017, 2019**
- viii. Actively involved in college accreditation process
- ix. Member anti-ragging committee
- x. Working as Member sports committee since 1998

22. ANY OTHER INVOLVEMENT IN NATIONALLY ACCLAIMED PROJECTS:

1. **Named Subject Matter Expert (SME) for the subject Electro Magnetic Fields (EMF) to develop remaining three quadrants of Course I subjects, a prestigious project under VTU-NMEICT, under the banner of National Program on Technically Enhanced Learning (NPTEL) 2012-2015**
2. **Appointed Review Board Member of International Journal of Engineering Research and Technology (IJERT) and reviewed many papers 2015**
3. **Selected Chairperson of a National conference NCATEE-2106 at SJBIT, Bengaluru held on 7th May 2016**
4. **Appointed external observer for Quality Improvement Program conducted by Christ University, Bengaluru on 24/08/2016**
5. **Appointed Board of Examiners by Dr. Ambedkar Institute of Technology, an autonomous college in Bengaluru for the year 2016-17**
6. **Conferred with "Award for Research Publications-(ARP)" for the year 2016-17 by the VGST-Vision Group for Science & Technology, Government of Karnataka.**
7. **Chaired a Session on 13th December in 4th International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques (ICEECCOT-2019) held during 13-14 December 2019 at GSSS Institute of Engineering and Technology for Women, Mysuru.**
8. **Appointed Auditor for verification of Question paper, Scheme of evaluation and Sample Answer booklets for the year 2019-20 by Dr. Ambedkar Institute of Technology, Bangalore.**

Enclosure

LIST OF PUBLICATIONS

I. Papers Published in International Journals

Sl. No	Authors	Title	Publication Details	Link
1	Dr. Faheem Ahmed Khan and Niharika Agarwal	"Meeting Power Challenges using Traditional and Machine Learning based TCSC"	UGC-CARE Listed Journal ISSN : 1549-523-X, Vigyan Prakash	
2	Dr. Faheem Ahmed Khan and Niharika Agarwal	"Performance Analysis of TCSC with Firing Angle Determination Based on Random Forest Algorithm"	World Academics Journal of Engineering Sciences , Vol.9, Issue.4, pp.16-25, December (2022) E-ISSN: 2348-635X	https:// World Academics Journal of Engineering Sciences, Vol.9, Issue.4, pp.16-25, December
3	Dr. Faheem Ahmed Khan and Niharika Agarwal	Fault optimisation on IEEE 14-bus system with machine learning-based SPLIT TCSC	International Journal of Energy and Power Conversion, Vol. 13, No ¼, 2022	https://www.inderscience.com/info/inarticle.php?artid=130964 https://doi.org/10.1504/IJPEC.2022.130964
4	Dr. Faheem Ahmed Khan and Niharika Agarwal	Artificial Neural Network and Random Forest Machine Learning Algorithm Based TCSC Controllers for Mitigating Power Problems	Springer Nature Switzerland AG 2023 Z. Hu et al. (Eds.): ICCSEEA 2023, LNDECT 181, pp. 269-288, 2023.	https://doi.org/10.1007/978-3-031-36118-0_24
5	Dr. Faheem Ahmed Khan and Manikandan. P	"Rotor dynamics of turbine-generator shaft with dampers during sub-synchronous resonance generated by series capacitors"	<i>Lecture Notes in Mechanical Engineering. Springer</i> , Singapore (ISSN:2195-4364)	https://doi.org/10.1007/978-981-15-5701-9_16
6	Dr. Faheem Ahmed Khan and Manikandan. P	"Study of generator shaft behaviour during subsynchronous resonance using finite element method" to <i>Journal of Mechanics and Control</i> ,	Volume 21, No 1. pp. 121-126, 2020. (ISSN:1590-8844) published published by Levrotto and Bella, ITALY	http://www.jomac.it/
7	Dr. Faheem Ahmed Khan and Manikandan. P	"Dampers to Suppress Vibrations in Hydro Turbine-Generator Shaft Due to Subsynchronous Resonance"	<i>Lecture Notes in Mechanical Engineering. Springer</i> , Singapore (ISSN:2195-4364)	https://link.springer.com/chapter/10.1007/978-981-15-4308-1_36#citeas
Sl.	Authors	Title	Publication Details	Link

No				
8	Dr. Faheem Ahmed Khan and Dr. Apsar Pasha	"Fabrication of gas Sensor device using PEDOT-PSS doped Reduced Graphene Oxide organic thin films for detection of Ammonia gas at room temperature"	Iranian Polymer Journal, an international Journal. in association with Springer Vol. 122, Issue 10, PP 1435-1445, 2019	http://dx.doi.org/10.1007/s13726-019-00689-4
9	Dr. Faheem Ahmed Khan and P. Manikandan	"Determination of stress on turbine generator shaft due to sub synchronous resonance using finite element method"	ARPN Journal of Engineering and Applied Sciences, Vol 14, No. 1 January 2019 pp 29-33. ISSN 1819-6608.	http://www.arpnjournals.com/
10	Dr. Faheem Ahmed Khan along with P. Manikandan	"Analysis of multimode oscillation caused by sub synchronous resonance on generator shaft"	European Journal of Electrical Engineering, VOL 20/4 – Dec. 2018 - pp.455-468	
11	Dr. Faheem Ahmed Khan And Asma Tamboli	"Effect of DBDS and DBPC on Paper Oil Insulation of Power Transformers"	IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE) e-ISSN: 2278-1676,p-ISSN: 2320-3331, Volume 10, Issue 5 Ver. II (Sep – Oct. 2015), PP 19-28 www.iosrjournals.org	DOI: 10.9790/1676-10521928 www.iosrjournals.org
12	Faheem Ahmed Khan, Dr. J. Sundara Rajan	"Experimental Simulation of Effects of Copper Sulphide on Insulation System of Transformers"	IEEE Transactions on Dielectrics and Electrical Insulation (IEEE-TDEI) Vol. 22, No. 1; February 2015, pp 571-580.	IEEE-TDEI) Vol. 22, No. 1; February 2015, pp 571-580.
13	Faheem Ahmed Khan, J. Sundara Rajan	"Experimental Investigations Relating to the Presence of Copper Corrosion in Paper Insulation System of Power Transformers"	International Journal of Computer Science and Electrical Engineering (IJCSEE) ISSN No. 2315-4209, Vol-1, Iss-2, pp 11-14,2012	
14	Faheem Ahmed Khan, J. Sundara Rajan	"An Experimental Study on Effects of dibenzyl disulfide and Copper Sulfide on Pressboard Insulation of Power Transformers"	International Journal on Advanced Electrical and Electronics Engineering, (IJAEED), ISSN (Print): 2278-8948, Volume-1, Issue-1, pp 53-58, 2012	

Some Simple Journals are not added

II. Papers Presented and published In International Conferences

1. *Dr. Faheem Ahmed Khan*, and Meghana. S presented and published a paper titled “Sag Mitigation of Voltage by Dynamic voltage restorer using Fuzzy Controller” Proceedings of International Conference on Computers, Communications, Control and Applied Science 2016 IRD-IJEECS on 7th May 2016 at Bangalore PP 124-128 ISSN Print: 2347-2820
2. *Dr. Faheem Ahmed Khan*, and Manasa. H.N presented and published a paper titled “Modeling and Simulation of Static VAR Compensator with power injection capability using PV Cell connected 33 level inverters” in Proceedings of International Conference on Computers, Communications, Control and Applied Science 2016 IRD-IJEECS on 7th May 2016 at Bangalore PP 132-138 ISSN Print: 2347-2820
3. *Faheem Ahmed Khan and Saritha M* have communicated a paper titled “Effect of DBDS on DC Resistance of Paper Oil Insulation System” and has been accepted to be presented in **International Conference on Power and Advanced Control Engineering (ICPACE) an IEEE conference** to be held at BNMIT, Bangalore during August 2015
4. *Faheem Ahmed Khan and Saroja M.N* presented and published a paper titled “**DSSC using a cascaded H-bridge in reversing the power flow in distribution network**” in International Conference on Future trends In Electronics & Electrical Engg, during, 04th august-2013, Bengaluru, ISBN: 978-93-83060-10-8 pages 10-13
5. *Faheem Ahmed Khan, Dakshayini and Dr. M.Z. Ansari* presented and published a paper titled “**Comparative analysis of 24 and 48 pulse Double bridge VSC based HVDC system**” in International Conference on Future trends In Electronics & Electrical Engineering, 04th august-2013, Bengaluru, ISBN: 978-93-83060-10-8
6. *Faheem Ahmed Khan, Sajeeda tabassum Bano, Dr. J. Sundara Rajan* presented and published a paper titled “**Voltage current characteristic of paper-oil Insulation system-an experimental investigation in International Conference on Future trends In Electronics & Electrical Engineering, 04th august-2013, Bengaluru, ISBN: 978-93-83060-10-8, pages 6-9**
7. *Faheem Ahmed Khan, J. Sundara Rajan, Mohd. Z. A. Ansari, Divya Sivan* presented and published a paper titled “An Experimental Study on Effects of Dibenzyl Disulfide and Copper Sulfide on Pressboard Insulation of Power Transformers” in International Conference on Electrical & Electronics Engineering (ICEEE 2012) ISBN: 978-93-81583-47-0 Paper ID: ICEEE-28JUN12-149
8. *Faheem Ahmed Khan, Dr. J. Sundara Rajan, Mohd.Z.A. Ansari, Shivakumar, Nagendra Prasad, Mansur Basha* presented and published a paper titled “An Experimental study on the Effects of Dibenzyl Disulphide on transformer paper-oil insulation of power transformers” presented in Third International conference on Intelligent Information System and Management (IISM '12) in Coimbatore, during 12-14th July 2012. Adjudged Best paper in the session of the conference Paper ID :PID_155 EEE060
9. *Faheem Ahmed Khan, Dr. J. Sundara Rajan, Mohd.Z.A. Ansari Shahsadi Asra* presented and published a paper titled “An Experimental study on the Effects of Dibenzyl Disulphide on transformer oil of power transformers” presented in International conference APCET 2012 in Hyderabad, during 4-8th August 2012. Published in IEEEExplore.DOI: 10.1109/APCET.2012.6302039
10. *Faheem Ahmed Khan, Dr. J. Sundara Rajan, Mohd.Z.A. Ansari, Divya Chunakara* presented and published a paper titled “Effect of Dibenzyl Disulphide on pressboard insulation of power transformers” presented in International conference ICCIC-2012 in Chennai, during 4-6th July 2012. Adjudged 2nd Best paper in the conference Paper ID ICCIC580 INSPEC-IET, IET-yps portal, IEEE xplore Suguna:09840346889
11. *Faheem Ahmed Khan, R. Navaneetha Krishna, M.Z. Ansari* presented and published a paper titled “Distribution Generation” presented at Pallavan College of Engineering, Thimmasamudram, Kanchipuram,

Tamil Nadu 631 502 during 23rd-24th May 2011 in International Conference on Engineering, Management and Computer Applications (INRTIEMC-2011)

12. *Faheem Ahmed Khan, J. Sundara Rajan and Mohd. Z. A. Ansari* presented and published a paper titled "Characterization of Cu₂S Contaminated Paper - Oil Insulation System of Power Transformers" International Conference held at IISc, Bangalore, Karnataka, India during 14-17th dec. 2011
13. Paper ID P1002772 *Faheem Ahmed Khan, J. Sundara Rajan and Mohd. Z. A. Ansari* "Experimental Studies On Performance of Cu₂S Contaminated Paper Insulation System of Power Transformers" International Conference held in Nitte, Karnataka, India during 04-05th May 2011
14. *Faheem Ahmed Khan, J. Sundara Rajan and Mohd. Z. A. Ansari* presented and published a paper titled "Characterization of Performance of Paper-Oil Insulation System Of Power Transformers in Presence of Copper Corrosion" International Conference held in Trivandrum, Kerala, India during 21-22 Dec 2010

III. Papers Presented in National Conferences

1. Dr. Faheem Ahmed Khan, Prof. GCE Ramanagaram and Ruksana Banu student presented a *paper titled "Advanced Battery management and diagnostic system for smart grid infrastructure"* in a National conference NConPCS 2017, held on 6th May 2017 at Ghousia College of Engineering, Ramanagaram. This paper was also published by International Journal of Engineering Research and Technology (IJERT) Vol. 5, issue 18, ISSN: 2278-0181, www.ijert.org. pp. 39-44.
2. Dr. Faheem Ahmed Khan, Prof. GCE Ramanagaram and Mohammed Aleem M.S student presented a *paper titled "Eco-Friendly Power Generation- A Hardware Concept"* in a National conference NConPCS 2017, held on 6th May 2017 at Ghousia College of Engineering, Ramanagaram. This paper was also published by International Journal of Engineering Research and Technology (IJERT) Vol. 5, issue 18, ISSN: 2278-0181, www.ijert.org. pp. 74-76
3. *Dr. Faheem Ahmed Khan, K.P Mohammed Rafeeq, Mahmad Suheel. P, Syed Yaseen and Salman Baig* presented and published a paper titled "Characterization of Performance of Paper-Oil Insulation System in the presence of DBDS" in 7th National Conference on Advances in Electrical and Electronics Engineering held on 7th May 2016 at SJBIT, Bangalore PP 76-79
4. *Dr. Faheem Ahmed Khan, and Lakshmeshwary B.P* presented and published a paper titled "Power Quality Improvement By Using Fuzzy Logic Controller Based UPQC Configuration" in 1st National Conference on Advances Electronics and Communications held on 5th May 2016 at SKIT, Bangalore PP 12-15
5. *Faheem Ahmed Khan Dr. J. Sundara Rajan Suresh Kumar Bandi* presented and published a paper titled "Experimental Investigations of effects of DBDS on Transformer insulating oil" in a National conference on Power, Control and Signal Processing (NConPCS-2015) held on 8th April 2015 at Ghousia College of Engineering, Ramanagaram
6. *Faheem Ahmed Khan, Dr. J. Sundara Rajan and Saritha M* presented and published a paper titled "An Experimental Investigation on The Effect of DBDS on Characteristics of Paper-Oil Insulation System" in a National conference on Power, Control and Signal Processing (NConPCS-2015) held on 8th April 2015 at Ghousia College College of Engineering, Ramanagaram
7. *Faheem Ahmed Khan Dr. J. Sundara Rajan Asma Tamboli* presented and published a paper titled "Effect of DBDS and DBPC on Paper Oil Insulation of Power Transformers" in a National conference on Power, Control and Signal Processing (NConPCS-2015) held on 8th April 2015 at Ghousia College College of Engineering, Ramanagaram

8. *Faheem Ahmed Khan, J. Sundara Rajan and Mohd. Z. A. Ansari* presented and published a paper titled “Experimental investigations on performance of Cu₂S contaminated paper insulation system of power transformers” presented in National Conference ‘Spark aura’ on 12th October 2012 at Don Bosco Institute of Technology, Kumbala godu, Bangalore , It was **Adjudged Best paper in the conference**
9. *Faheem Ahmed Khan, R. Navaneetha Krishna, M.Z. Ansari* presented and published a paper titled “Effect of Cu₂S on insulation paper” presented at Pallavan College of Engineering, Thimmasamudram, Kanchipuram, Tamil Nadu 631 502 during 23rd-24th May 2011 in National Conference on Engineering, Management and Computer Applications (NRTIEMC-2011)
10. *Faheem Ahmed Khan, J. Sundara Rajan and Mohd. Z. A. Ansari* presented and published a paper titled “Characterization of Performance of Paper-Oil Insulation System” presented in 3rd National Conference on Advances in Electrical and Electronics Engineering held on 8th May 2010 at SJBIT, Bangalore PP 6-9 **Adjudged Best paper in the conference**

Book Chapters

1. Book Title: Advances in Computer Science for Engineering and Education VI
2. Chapter Title: Artificial Neural Network and Random Forest Machine Learning Algorithm Based TCSC Controllers for Mitigating Power Problems
3. Copyright Year: 2023
4. Copyright Holder Name: The Author(s), under exclusive license to Springer Nature Switzerland AG