

# Resume



**Name** : Dr. Zakir Hussain  
**Designation** : Associate Professor  
**Department** : Electrical Engineering  
**Qualification** : Ph.D  
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## Other Profile Links

**Research Gate Link :**

**Personal Web Link :**

**Google Scholar Link :**

**Research Profile**

**Research Interests :** Multi Phase Power Systems, Electric Drives, Condition Monitoring of Electric Equipment, Renewable Energy Resources

**Brief Research Profile :** Various research papers published on multi phase power transmission and multi phase compensator

## Qualification

Name of the Degree	Year Of Passing	Institute/University
Ph.D	2007	MNNIT Allahabad
M.SC ENGG	1990	A.M.U
BACHELOR OF ENGG.	1982	A.M.U

## Publications

Year	Journal	Publication	Indexed In
2018	International Journal on Electrical Engineering and Informatics International Journal on Electrical Engineering and Informatics	Fuzzy Logic Expert System for Incipient Fault Diagnosis of Power Transformers, Volume 10, Number 2	Scopus
2014	International Journal of Power Electronics and Drive System (IJPEDS) 2088-8694	Estimation of Harmonics in Three-phase and Six-phase (Multiphase) Load Circuits, Vol. 5, No. 2,	Scopus
2014	International Journal of Electrical and Computer Engineering (IJECE)	ANFIS Based Approach to Estimate Remnant Life of Power Transformer by Predicting Furan Contents,	Scopus
2014	International Journal of Applied Power Engg. (IJAPE)	Remediation of Old Substations for Arc Flash Hazard	Scopus
2014	International Journal of Evaluation and Research in Education (IJERE)	Challenges for Holistic Engineering Education Development in India	Scopus
2013	International Journal of Power Electronics and Drive System (IJPEDS)	A Comparative Study of Z-Source Inverter Fed Three-Phase IM Drive with CSI and VSI fed IM	Scopus
2013	International. Journal (special Issue) of World Academy of Science, Engineering & Technology	Modeling and Analysis of Twelve-phase (Multi-phase) DSTATCOM for Unbalanced Multi-phase Load Circuits	Scopus
2013	Bulletin of Electrical Engineering and Informatics Scopus ISSN: 2089-3191	Recent Trends in Power Transformer Fault Diagnosis and Condition Assessment	Scopus
2012	International Journal of Power Electronics and Drive System (IJPED)	Analysis of Discontinuous Space Vector PWM Techniques for a Seven-Phase Voltage Source Inverter	Scopus
2012	Global Journal of Advanced Engineering Technologies	Z- Source Inverter Simulation and Harmonic Study	Scopus
2009	International Journal of Recent Trends in Engineering	A Novel Algorithm for four-phase (Multi-phase) Source Side Load Balancing and Power Factor Correction	Scopus
2007	International Journal of Mathematics and Computer in Simulation	Multi-phase (6-phase and 12-phase.) Transmission Lines: Performance Characteristics	Scopus

## Edited Book/Book Chapter

Type	Title	Publisher	Authors	ISBN/ISSN No.	Year
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## Research Projects

Role	Project Type	Title	Funding Agency	From	To	Amount	Status	Co-Investigator
Co-PI	-	Rapid and precise detection of grid voltage amplitude and phase for low-voltage ride-through capability in PV system	CSIR, New Delhi	01/01/2018	31/01/2021	Rs. 24,71,000	Ongoing	-

## Research Supervision

Programme Name	Scholar Name	Research Topic	Status	Year	Co-Supervisor
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## Patents

Name	Reg./Ref.No.	Date Of Award/Filing	Organization	Status
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**Teaching**

Programme Name	Subjects Taught	From	To	Credits
Prof.	Electrical Engineering Department NIT Hamirpur	19/08/1989	01/05/2019	30 years

**Administrative Responsibilities**

Position Held	Organization	From	To	Remarks
Head of the Department	Electrical Engineering Department. NIT Hamirpur	29/09/2016	26/04/2019	26
Head of the Department	Electrical Engineering Department, Salman Bin Abdulaziz University, Kingdom of Saudi Arabia	05/01/2011	30/06/2012	04

**Expert Talks**

Title	Place	Year	Description
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**Professional Activities**

Name of Activity	Role	Duration	Organization
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**Courses Organized**

Category	Type	Title	Venue	From	To	Designation
conference	National Conference	National Conference on Recent Advances in Electrical Electronics Engineering RAEEE-09	NIT Hamirpur	23/12/2009	24/12/2009	Chairman
conference	International Conference	International Conference on Emerging Trends in Engineering Innovations and Technology Management (ICET:EITM-2017)	NIT Hamirpur	16/12/2017	18/12/2017	Chairman
workshop	National Programme	Permanent Magnet Sync. Motor and Brushless DC Motor Drive System	NIT Hamirpur	18/12/2017	19/12/2017	Co-Chairman

**Date :****Place :****Signature**