

# Resume



**Name** : Dr. Chandrasekaran S  
**Designation** : Assistant Professor  
**Department** : Electrical Engineering  
**Qualification** : PhD  
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## Other Profile Links

**Research Gate Link :**

**Personal Web Link :**

**Google Scholar Link :**

**Research Profile**

**Research Interests :** Grid Integration of PV Systems, Power Signal Processing

**Brief Research Profile :**

## Qualification

Name of the Degree	Year Of Passing	Institute/University
PhD	2015	Indian Institute of Technology Gandhinagar, Gujarat
MTech	2002	College of Engineering Guindy, Anna University, Chennai.
B.E	1994	College of Engineering Guindy, Anna University, Chennai.

## Publications

Year	Journal	Publication	Indexed In
2014	IEEE Journal of Emerging and Selected Topics in Power Electronics	Single-phase Grid Voltage Attributes Tracking for the Control of Grid Power Converters	SCI
2015	IEEE Transactions on Instrumentation and Measurement	Rapid Tracking of Grid Variables Using Prefiltered Synchronous Reference Frame PLL	SCI
2013	International Journal of Emerging Electric Power Systems	Reference Current Extraction through sliding DFT Assisted Single-phase p-q Theory for Shunt Active Power Filter	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
Principal Investigator	Sponsored Research	Rapid and Precise Detection of Grid Voltage Amplitude and Phase for Low-Voltage Ride Through Capability PV Systems	CSIR, New Delhi	15/01/2018	14/01/2021	Rs.24,71,000	Ongoing	Dr. Zakir Husain, Prof. Ashwani Chandel

## Research Supervision

Programme Name	Scholar Name	Research Topic	Status	Year	Co-Supervisor
Ph.D	Anant Kumar Verma	Grid Synchronization Technique	Ongoing	2017	
Ph.D	Manish Kumar	Grid Integration of DG Systems	Ongoing	2018	-

## Patents

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

Programme Name	Subjects Taught	From	To	Credits
Assistant Professor	Electrical Engineering, NIT Hamirpur	07/01/2016		13

## Administrative Responsibilities

Position Held	Organization	From	To	Remarks
Assistant Warden	VBH, NIT Hamirpur	02/02/2017	26/03/2019	26
OIC, ELSOC	Electrical Engineering, NIT Hamirpur	16/08/2018		03
OIC, Power Electronics Lab	Electrical Engineering, NIT Hamirpur	16/06/2019		2019,,

**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
stc	GIAN Course	PMSM and BLDC Motor Drives	NIT Hamirpur	18/12/2017	29/12/2017	Course Coordinator

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