

## Jamia Millia Islamia: Prof. Hamid E. Akhter

Prof. H. E. Akhter is working as a Professor in The Department Of Electrical Engg. He has a vast Industry and Academic Experince. His area of specialization is Machines.



1. **Name:** Dr. HAMID EHSAN AKHTER
2. **Designation:** PROFESSOR
3. **Office Address:** DEPARTMENT OF  
ELECTRICAL ENGINEERING
4. **Mobile (Optional):** +919811224794
5. **Email (Primary):** hamidehsanakhter@yahoo.com
6. **Field(s) of Specialization:** ELECTRICAL  
MACHINES

### 7. Employment Profile

Job Title	Employer	From	To
Management Trainee Rs. 600/=	Modi Steels Private Ltd., E-2, Industrial Area, Patna-800013	04-05-1979	22-09-1979
Junior Research Fellow Rs. 600/=	Department of Electrical Engineering, B.C.E., Patna University, Patna- 800005	24-09-1979	26-08-1982
Assistant Director Rs. 2200-4000	National Power Training Institute, NPTI Complex, Sector-33, Faridabad-121003	01-09-1982	13-08-1989
Deputy Director (Tech/ Faculty) Rs. 3000-4500	NPTI Complex, Faridabad-121003	14-08-1989	01-08-1993
Reader (Electrical Engineering) Rs. 12000-18300	Jamia Millia Islamia, New Delhi-110025	02-08-1993	14-04-2005
Professor (Electrical Engineering) Rs. 16400-22400	Jamia Millia Islamia, New Delhi-110025	15-04-2005	Continuing

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### 8. Academic Qualifications (From Highest Degree to High School):

Examination	Board / University	Year	Division/ Grade	Subjects
Secondary School	Bihar School Examination Board	1970	1 <sup>st</sup> /79.6	Physics, Chemistry, Mathematics Group
Intermediate	Patna University	1972	1 <sup>st</sup> /66.6	Physics, Chemistry, Mathematics Group
B. Sc.(Engg.)	Patna University	1978	1 <sup>st</sup> with Distinction/ 76.8	Electrical Engineering
M. Sc.(Engg.)	Patna University	1986	C.P.I.=9.4 out of 10	Electrical Engineering with specialization in Power System Engineering
Ph.D	Jamia Millia Islamia	2005		Performance Evaluation of Switched Reluctance Motor

### 9. Academic/Administrative Responsibilities within the University

Position	Faculty/Department/Centre/ <b>Institution</b>	From	To
Reader (Electrical Engineering) Rs. 12000-18300	Jamia Millia Islamia, New Delhi-110025	02-08-1993	14-04-2005
Professor (Electrical Engineering) Rs. 16400-22400	Jamia Millia Islamia, New Delhi-110025	15-04-2005	Continuing

### 10. Details of Academic Work

Title of the Course	Venue	Date	Duration
Instructional Technique	Power Engineers Training Society, New Delhi	October 25 to November 5, 1982	2 Weeks
Supervisory Training Program for Trainers	Power Engineers Training Society, New Delhi	January 17-21, 1983	1 Week
210 MW Simulator	Power Engineers Training Society, New Delhi	January 28 to February 9, 1985	2 Weeks
Simulator Instruction	Various locations in the United Kingdom (UK)	October 12 to December 11, 1987	9 Weeks
Instructional Techniques	City and Guilds of London	During S. No. 4	During

## Jamia Millia Islamia: Prof. Hamid E. Akhter

	Institute, UK		S. No. 4
Instruction Techniques	Power Engineers Training Society, New Delhi	January 23-27, 1989	1 Week
Improvement of Instruction through Educational Technology	JMI, New Delhi in collaboration with IIT, Delhi	July 25-31, 1995	1 Week
ISTE Summer School on Recent Trends in Electric Drives	JMI, New Delhi	April 23-28, 2001	1 Week
Continuing Education Program Workshop on Recent Trends in FACTS Technology	IIT, Delhi	April 30 to May 1, 2004	2 Days

### 11. Participation in Workshops/ Symposia/ Conferences/ Colloquia /Seminars/ Schools etc. (mentioning the role)

Date (s)	Title of Activity	Level of Event (International/ National/ Local)	Role (Participant/ Speaker/ Chairperson, Paper presenter, Any other)	Event Organized by	Venue
September 9-11, 1991	International Colloquium on HVDC Power Transmission				New Delhi
February 17, 2001	All India Seminar on Power System: Recent Advances and Prospects in 21 <sup>st</sup> Century (PSRAP21C)				MREC, Jaipur
March 19, 2001	Workshop on Power Sector Reforms				New Delhi
December 10-12, 2001	International Conference on Energy, Automation and Information				IIT, Kharagpur

## Jamia Millia Islamia: Prof. Hamid E. Akhter

	Technology EAIT-2001				
February 9, 2002	National Conference on Management of Higher Education: 21 <sup>st</sup> Century Challenges				JMI, New Delhi
April.30, 2002	Seminar on Use of CNG in Power and Automobiles in Delhi				JMI, New Delhi
May 21, 2002	Seminar on Trends in Technical Education				NSIT, New Delhi
April 30 to May 1, 2004	Workshop on Recent Trends in FACTS Technology				IIT, Delhi

### 12. Publications

#### (A) Refereed Research Journals:

Author(s)	Title of Paper	Journal	Volume (No.)	Page numbers	Year	Impact Factor of the Journal (Optional)
Virendra Kumar Sharma and Hamid Ehsan Akhter	Performance analysis of switched reluctance motor operating with fixed advance angle control scheme	<i>Journal of the Institution of Engineers (India)</i>	vol 82	pp. 281- 288	March 2002	
Hamid Ehsan Akhter, Virendra K. Sharma,	Determination of optimum switching angles for speed control of switched	<i>Indian Journal of Engineering &amp; Material Sciences</i>	vol 11	pp. 151- 168	June 2004	

A. Chandra and Kamal Al Haddad	reluctance motor drive system					
Virendra Kumar Sharma and Hamid Ehsan Akhter	Performance analysis of switched reluctance motor operating with fixed advance angle control scheme	<i>Proc. International Conference PCIM 2001, Rosemont, Illinois, USA</i>		pp. 373-378	September 9-13	
Hamid Ehsan Akhter and Virendra Kumar Sharma	Stability analysis of switched reluctance motor operating with fixed advance angle control scheme	<i>Proc. IEEE PEDS'01, Denpasar-Bali, Indonesia</i>		pp. 732-737	October 22-25, 2001	
Hamid Ehsan Akhter and Virendra Kumar Sharma	Modeling, simulation and stability analysis of switched reluctance motor drive system	<i>Proceedings of International Conference on Energy, Automation, and Information Technology (EAIT-2001), Kharagpur, India</i>		pp. 842-847	December 10-12, 2001	
Hamid Ehsan Akhter, Virendra Kumar Sharma, A. Chandra, and Kamal Al Haddad	Performance simulation of switched reluctance motor with fixed angle control scheme	<i>Proc. 7<sup>th</sup>. International Conference ELECTRIMACS 2002, Montreal, Canada</i>			August 18-21, 2002	
Hamid Ehsan Akhter, Virendra	Starting performance of switched reluctance	<i>Proc. 28<sup>th</sup> IEEE Industrial Electronics Society</i>	vol.2	pp. 1020-1025	Nov. 5-8, 2002	

Kumar Sharma, A. Chandra, and Kamal Al Haddad	motor with fixed turn-off angle control scheme	<i>Conference IECON 02, Sevilla, Spain</i>				
Hamid Ehsan Akhter, Virendra Kumar Sharma, A. Chandra, and Kamal Al Haddad	Modeling simulation and performance analysis of switched reluctance motor operating with optimum value of fixed turn-on and turn-off switching angles	<i>Proc. 34<sup>th</sup> IEEE Power Electronics Specialists Conference PESC 03, Acapulco, Mexico</i>	vol.1	pp 397-402	June 15-19, 2003	
Virendra Kumar Sharma and Hamid Ehsan Akhter	Effect of advance angle on transient response of switched reluctance motor	<i>Proc. All India Seminar, Power System: Recent Advances and Prospects in 21<sup>st</sup> Century, Jaipur, India</i>		pp. 251-257.	Feb. 17, 2001	
V. K. Sharma, Hamid Ehsan Akhter, Bhim Singh and S.S. Murthy	Modeling simulation and performance analysis of four-quadrant operation of switched reluctance motor drive system	<i>,” IEEE 2004 PCI India Conference, New Delhi, India</i>		pp. 219-225	Nov. 9-10, 2004	