


BIO-DATA				
NAME	Dr. Navneet Kumar			
ADDRESS	Assistant Professor, Department of Electrical Engineering, Rajkiya Engineering College, Bijnor, Uttar Pradesh, 246725, India			
MOBILE	+91-7906846508, +91-9456993646			
E-MAIL ID	teenvan2002@gmail.com			
ACADEMIC QUALIFICATIONS	Degree	Year	University	%/CGPA
	Ph. D.	2016	Indian Institute of Technology Roorkee	-
	M. Tech.	2010	Indian Institute of Technology Delhi	8.45/10
	B. Tech.	2005	Dr. A.P.J. Abdul Kalam Technical University Lucknow (Erstwhile Uttar Pradesh Technical University Lucknow)	71.30
	XII th Std.	2000	Board of High School and Intermediate Education Uttar Pradesh	77.60
	X th Std.	1998	Board of High School and Intermediate Education Uttar Pradesh	75.33
RESEARCH AREAS	Energy Efficiency of Various Electric Drives, Optimal Control of Doubly-Fed Induction Motor, Power-Quality issues in Pumped Storage Hydroelectric Plants			
PUBLICATIONS IN INTERNATIONAL JOURNALS: 04				
<ol style="list-style-type: none"> 1. Navneet Kumar, Thanga Raj Chelliah, S.P. Srivastava, "Adaptive Control Schemes for Improving Dynamic Performance of Efficiency-optimized Induction Motor Drives," ISA Transactions, Elsevier, vol. 44, pp. 106-112, 2015. 2. Navneet Kumar, Thanga Raj Chelliah and S. P. Srivastava, "DFIM Based Energy Management in Irrigation Pump Systems Connected to Renewable Energy Sources," International Journal of Energy Engineering, Taylor and Francis, vol. 112(4), pp. 62-80, 2015. 3. Navneet Kumar, Thanga Raj Chelliah, S.P. Srivastava, "Analysis of Doubly-fed Induction Machine Operating at Hyper-Synchronous Motoring Mode Subjected to Voltage Sag," Journal of Engineering Science and Technology (JESTECH), Elsevier Publisher, vol. 19, pp. 1117-1131, 2016. 4. Navneet Kumar, Thanga Raj Chelliah, S.P. Srivastava, "Impact of Unbalance grid voltage on the performance of Doubly-fed Induction Machine at motoring mode," Electric Power Components and System, Taylor & Francis Publisher, UK, Available online on 21th May 2016. 				
PUBLICATIONS IN INTERNATIONAL CONFERENCES: 10				
<ol style="list-style-type: none"> 1. Navneet Kumar, Thanga Raj Chelliah, RadhaThangaraj, S.P. Srivastava, "Economical analysis of induction motor for a mine hoist load diagram," IEEE World Congress on conference Information and Communication Technologies, Mumbai, pp. 1310-1315, 2011. 2. Navneet Kumar, Thanga Raj Chelliah, S.P. Srivastava, "Energy Conservation Study on Induction Motors Using MATLAB/Simulink for Enhancing Electric Machinery Courses," <i>IEEE International Conference on Teaching, Assessment and Learning for Engineering</i>, The Hong Kong polytechnic University, Hong Kong pp. 520-525, 2012. 3. Anil Chandrakanth, Navneet Kumar, Thanga Raj Chelliah, RadhaThangaraj, S.P. Srivastava, "Sensitivity Analysis of Model-Based Controller Applied to Loss Minimization of Induction Motor," IEEE Fifth India International Conference on Power Electronics, Delhi Technological University, Delhi, 2012. 				

<p>4. Navneet Kumar, Thanga Raj Chelliah, RadhaThangaraj, S.P. Srivastava, "Voltage Sag Effects on Energy-Optimal Controlled Induction Motor With Time-Varying Loads," IEEE International Conference on Power Electronics, Drives and Energy Systems, CRPI Bangalore, India, 2012.</p> <p>5. Pragya paliwal, Navneet kumar, Thanga Raj Chelliah, "Energy Conservation Studies on a Spinning Drive Motor with Scalar and Vector Controllers," Third International Conference on Advanced Computing and Communication Technologies, Rohtak, India, pp. 115-120, 2013. (Received best paper award)</p> <p>6. Thanga Raj Chelliah, Navneet Kumar, S.P. Srivastava, "Dynamic Performance Improvement of Induction Motor under Energy Optimal Control," Recent Advances in Electrical and Computer Engineering, MIT, USA, pp. 44-49, 2013. (Received best paper award)</p> <p>7. Navneet Kumar, Thanga Raj Chelliah, S.P. Srivastava, "Effects of Voltage Unbalanced on DFIM with Centrifugal Loads," International Workshop on Advanced Control and Computing Technologies for Reliable Industrial Electricity, IWRS, IIT Roorkee, Feb 17 – Feb 18, 2014.</p> <p>8. Navneet Kumar, Thanga Raj Chelliah, S.P. Srivastava, "Effects of voltage sag on Doubly fed induction machine at hyper-synchronous motoring mode," Innovative Applications of Computational Intelligence on Power, Energy and Controls with their impact on Humanity, KIET Ghaziabad, India, pp. 291-295, 2014.</p> <p>9. Navneet Kumar, Thanga Raj Chelliah, S.P. Srivastava, "Analysis of Doubly-Fed Induction Machine Operating at Motoring Mode Subjected to Symmetrical Voltage Sag," APSCOM 2015, Hong Kong (Nov 8-12, 2015). Harshita Batra, Kajol sharma, Navneet Kumar, Anubhav Agarwal, "Analysis of Induction Motor Drive under Voltage Sag and Unbalance," Innovative Applications of Computational Intelligence on Power, Energy and Controls with their impact on Humanity, KIET Ghaziabad, India, 2016.</p>	
RESEARCH SCORE (as per Google Scholar)	Citations=56 h-index=4 i10-index=1
M.TECH SUPERVISED : 02	
<p>1. Harshita Batra in 2016 "Analysis of Induction Motor Drive under Voltage Sag"</p> <p>2. Kajol sharma 2016 "Analysis of energy optimized IMD under Unbalance Grid voltages"</p>	
TEACHING/RESEARCH EXPERIENCE (13 Years 6 Months)	
<p>1. Assistant Professor (Regular), Department of Electrical Engineering, Rajkiya Engineering College, Bijnor U.P., Dec 2017 – Present.</p> <p>2. Assistant Professor (Regular), Department of Electrical Engineering, JK Lakshmi Pat University, Jaipur, Rajasthan Jan 2017 - Dec 2017.</p> <p>3. Assistant Professor (Regular), Department of Electrical Engineering, KIET Ghaziabad U.P., Jul 2015 - Dec 2016.</p> <p>4. Research scholar, Indian Institute of Technology Roorkee, Uttarakhand, Jul 2011 - Jul 2015.</p> <p>5. Assistant Professor (Regular), Department of Electrical Engineering, KIET Ghaziabad U.P., Jul 2010 – Jul 2011.</p> <p>6. Sr. Lecturer (Regular), Department of Electrical Engineering, RKGIT Ghaziabad U.P., Aug 2006 – Jul 2010.</p> <p>7. Lecturer (Regular), Department of Electrical Engineering, KNGD Modinagar U.P., Jan 2006 – Jul 2006.</p>	
TEACHING INTERESTS	Basic Electrical Engineering, Power Electronics, Power Plant Engineering
RESPONSIBILITIES (at present)	<ul style="list-style-type: none"> • Exam Controller, Rajkiya Engineering College, Bijnor, Uttar Pradesh (November 2018 to Present). • Assistant Dean Academics, Rajkiya Engineering College, Bijnor, Uttar Pradesh (July 2019-Present)

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