

## Annexure B

### List of Publications of R. K. Tripathi

**[a] Publications**

**[i] Papers published in SCI Journals from Ph.D. work: Total: 22**

Sl. No.	Author (s)	Title of the paper	Name of Journal	Vol. No.	Page No. From to	Year	Impact factor	No. of Citations
1.	R.K. Tripathi, S.P. Das and G.K. Dubey	Mixed-mode operation of boost switch-mode rectifier for wide range of load variations	IEEE Trans. On Power Electronics (SCI Journal)	vol. 17, no.6	pp. 999-1009	November 2002	<b>Impact factor: 5.726</b>	
2.	P. Pany, R.K. Singh and R.K. Tripathi,	Bidirectional DC-DC Converter fed Drive for Electric Vehicle System	International Journal of Engineering Science and Technology (IJEST), [ISSN: 2141-2839] (Scopus and Reputed)	Vol. 3 No. 4	pp. 101-110	2011	<b>Impact Factor: 5.962</b>	
3.	Rishabh Dev Shukla & Prof. R.K. Tripathi	Maximum Power Extraction Schemes & Power Control in Wind Energy Conversion System	International Journal of Scientific & Engineering Research, [ISSN 2229-5518]. (SCI Journal)	Volume 3, Issue 6	pp	June-2012	<b>Impact Factor: 3.2</b>	
4.	Rishabh Dev Shukla & Prof. R.K. Tripathi	Dynamic Performance of DFIG based WECS under Different Voltage Sag	International Journal of Chemtech Research, Publisher: Sphinx Knowledge House (Journal Sphinx) [ISSN: 0974-4290] (Scopus and Reputed)	Vol. 5, No. 2	pp. 982-992	June-2013	<b>Impact factor: 0.276</b>	
5.	Sandeep Gupta & Ramesh Kumar Tripathi	Two-Area Power System Stability Improvement using a Robust Controller-Based CSC-STATCOM	Journal of applied Sciences, Acta Polytechnica Hungarica (SCI Journal).	Vol. 11, No. 7,	pp 135-155	2014 (ISSN1785-8860)	<b>Impact Factor: 0.6</b>	
6.	Sandeep Gupta Ramesh Kumar Tripathi	Transient Stability Assesment of Two-Area Power system with robust Controller based CSC-STATCOM	Journal of Control Engineering and Applied Informatics, (SCI Journal).	Vol. 16/3	pp 3-12	2014	<b>Impact Factor: 0.4</b>	
7.	Rishabh Dev	A Novel Voltage & Frequency	Renewable and Sustainable Energy	vol. 37	pp. 69-89	September	<b>Impact Factor:</b>	

	Shukla & Prof. R.K. Tripathi	Controller for Standalone DFIG based Wind Energy Conversion System	Reviews, (Publisher: Elsevier Science) [ISSN: 1364-0321] <b>(SCI Journal)</b>			(2014)	<b>5.901</b>	
8.	Sandeep Gupta, Prof R. K. Tripathi	Optimal LQR Controller in CSC based STATCOM using GA and PSO optimization	Archives of Electrical Engineering (AEE) (ISSN: 1427-4221), <b>(Scopus and Reputed)</b>	vol. 63/3,	pp. 469-487	2014	<b>(SCOPUS &amp; SNIP-0.893)</b>	
9.	Sandeep Gupta & Prof. R. K. Tripathi	Transient Stability Assessment of Two-Area Power System with LQR based CSC-STATCOM	AUTOMATIKA–Journal for Control, Measurement, Electronics, Computing and Communications <b>(SCI Journal)</b>	Vol. 56 No.1		Jan 2015	<b>Impact Factor: 0.349</b>	
10.	Rishabh Dev Shukla & Prof. R.K. Tripathi	Isolated Wind Power Supply System using Doubly-Fed Induction Generator for Remote Areas	Energy conversion and Management (publisher: Elsevier Science), [ISSN:01968904] <b>(SCI Journal)</b>	Vo. 96	pp. 473-489	May 2015	<b>Impact Factor: 4.3</b>	
11.	Sandeep Gupta, Prof R. K. Tripathi	Transient Stability Enhancement of Multimachine Power System Using Robust and Novel Controller Based CSC-STATCOM	Advances in Power Electronics, <b>(Scopus and Reputed)</b>	vol. 2015, Article ID 626731,	12 pages	2015	<b>SCOPUS &amp; Acceptance Rate-16%</b>	
12.	Premanand Pany, R. K. Singh, R. K. Tripathi	Active load Current Sharing in Fuel Cell and Battery Fed DC motor Drive for Electric Vehicle Application	Journal of Energy Conservation and Management, ELSEVIER, Science Direct <b>(SCI Journal)</b>	Vol. 122	pp. 195-206	August 2016	<b>Impact factor-4.801</b>	
13.	Rishabh Dev Shukla, R K. Tripathi and Padmanabh Thakur	DC grid/bus tied DFIG based wind energy system	Journal of Renewable Energy, ELSEVIER, Science Direct <b>(SCI Journal)</b>	Vol. 108	PP. 179–193,	Feb-2017 ISSN: 0960-1481	<b>Impact factor-4.981</b>	
14.	Jeetendra Prasad and Ramesh Kumar Tripathi	Scale up sediment microbial fuel cell for powering Led lighting	International Journal of Renewable Energy Development <b>(Scopus Indexed)</b> [ISSN: 2252-4940] A peer-reviewed journal published by Center of Biomass and Renewable Energy (CBIORE)	Vol. 7, No.1	pp. 53-58	Feb. 2018 DOI: <a href="https://doi.org/10.14710/ijred.0.X.%25p">https://doi.org/10.14710/ijred.0.X.%25p</a>		

			Diponegoro University Indonesia					
15.	Maloth Naresh and R. K Tripathi	A Novel of Flux coupling Type Superconducting Fault Current Limiter in DFIG Based Isolated Wind Energy system	International Journal of Chemtech Research <b>Publisher : Sphinx Knowledge House (Journal sphinx) (Scopus and Reputed)</b>	Vol.10 No.9	PP 887-898 ISSN: 0974-4290	Sept-2017		
16.	Beniwal J. L.; Prof. R. K. Tripathi	A Novel Four-Phase Active Boost Switched Reluctance Inverter for High Speed SRM Drive	International Journal of Power Electronics and Drive System (IJPEDS), ISSN: 2088-8694. <b>(Scopus and Reputed)</b>	vol. 8, no. 4	pp. 1562-1574	December 2017  ISSN: 2088-8694		
17.	Maloth Naresh, Umesh Kumar Soni and Ramesh Kumar Tripathi	Power Flow Control and Power Quality Improvement in DFIG Based Wind Energy Conversion System Using Neuro Fuzzy System	International Journal of Applied Engineering Research (IJAER) <b>(Scopus and Reputed)</b>	Vol.13 No.7	pp 5236-5243 [ISSN: 0973-4562]	April 2018		
18.	Umesh Kumar Soni, Maloth Naresh and Ramesh Kumar Tripathi ""	Performance Analysis of Sensorless Controlled BLDC Motor Using Direction Independent U-function	International Journal of Applied Engineering Research (IJAER) <b>(Scopus and Reputed)</b>	Vol.13, No.7	pp 5223-5235, ISSN: 0973-4562	April-2018		
19.	Jeetendra Prasad and Ramesh Kumar Tripathi	Energy Harvesting from Sediment Microbial Fuel Cell Using Different Electrodes	International Journal of ChemTech Research <b>(Scopus and Reputed)</b>	Vol.11, No.07	219-225	May 2018, ISSN:0974-4290 ISSN(Online): 2455-9555	<b>Impact factor: 0.276</b>	
20.	G. Indira kishore and Ramesh Kumar Tripathi	“Single-Phase PFC Converter Using Switched Capacitor for High Voltage DC Applications”	IEEE Transactions on Industry Applications <b>(SCI Journal)</b>	Vol.: 54, Issue: 3	pp. 2560-2567	May-June 2018, ISSN: 0093-9994	<b>Impact factor: 2.743</b>	
21.	Rishabh Dev	Instantaneous direct voltage and	International Journal of Electric Power and	Vol. 100	pp. 309-319	Sept 2018	<b>Impact factor:</b>	

	shukla and Ramesh Kumar Tripathi	frequency control in DC grid tied DFIG based wind energy system	energy system (SCI Journal)			ISSN: 0142-0615	3.610	
22.	Jeetendra Prasad and R. K. Tripathi	Energy harvesting from sediment microbial Fuel Cell to supply uninterrupted regulated power for small devices	International Journal of Energy Research, WILEY ENERGY RESEARCH (SCI Journal)	Vol. 43, No. 2	pp. 1-11	2019 ISSN:1099-114X	Impact factor: 3.009	

**[ii] Papers published in Non-SCI Journals**

**Total: 08**

Sl. No.	Author (s)	Title of the paper	Name of Journal	Vol. No.	Page No. From to	Year	Impact factor	No. of Citations
1.	Jeetendra Prasad and Ramesh Kumar Tripathi	Plant Microbial Fuel Cell Energy Harvesting Boost Converter With/Without the Super Capacitor	Majlesi Journal of Mechatronic Systems  <b>Indexing in:</b> Google Scholar Copernicus Magiran	vol. 6, no. 4	pp. 7-13,	Dec. 2018		
2.	Rishabh Dev Shukla & Prof. R.K. Tripathi	An Autonomous Wind Energy Generation System using Double Fed Induction Generator for Low Windy Areas	Turkish Journal of Electrical Engineering & Computer Sciences. [ISSN: 1364-0321].					
3.	Rishabh Dev Shukla & Prof. R.K. Tripathi	Dynamic Performance of DFIG based WECS under Different Voltage Sag”,	International Journal of Chemtech Research, [ISSN: 0974-4290]	Vol.5, No.2,	pp. 980-992	April-June 2013		
4.	A. Kumar, Singh R.K, Sheshachalam D., Tripathi R.K.	Extension of Model following Techniques to Sliding Mode Fuzzy Control for Non Linear Systems	Published in special issue of IAENG international journal.		pp 397-402	2007		
5.	P. Pany, R.K. Sigh and R.K. Tripathi	Bidirectional DC-DC Converter fed Drive for Electric Vehicle System	International Journal of Engineering Science and Technology (IJEST)	Vol. 3 No. 4	pp. 101-110,	2011		
6.	S.P. Singh & R. K. Tripathi,	“Application of Active Filters for Power Quality Enhancement”	Published in Academic open internet journal, Bulgaria					
7.	S.P. Singh & R.K. Tripathi,	“Design & Comparison for Robust Controller through Loop-shaping & H $\infty$ Approach”	Published in International Journal of Factory Automation, Robotics and Soft Computing, Italy, ISSN 1828 – 6984,	issue 3,		July 2006		
8.	S.P. Singh & R.K. Tripathi,	“Design & Comparison for Robust Controller	The ICFAI University Journal of	vol. 1, No. 3,	pp15-29,	July 2008,		

		through $H_{\infty}$ Approach”	Electrical & Electronics Engineering (JEEE), Hyderabad (India)					
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**[iii] Papers published in Conference Proceedings Total: 70**

Sl. No.	Author(s)	Title of the paper	Name of Conference	Place	Duration	Vol. No. of the proceedings	ISBN/ISSN No.	Nature of Presentation [Poster/Oral]
1.	R.K. Tripathi, S.P. Das and G.K. Dubey	Mixed-mode operation of boost switch-mode rectifier,	Proc of IEEE Conf PEDS	Bali, Indonesia	Oct 22-25, 2001	pp 142-148. 2001		Oral
2.	R.K. Tripathi, S.P. Das and G.K. Dubey	High power low distortion switch mode rectifier	Proc of IEEE Power Electronics Specialists Conf. (PESC-2001)	Vancouver Canada	June 17-21, 2001	pp 701-706, 2001		Oral
3.	R.K. Tripathi & S.P. Das	Utility friendly magnet load power supply	IEEE International Conference PESC-2005	Recife, Brazil	June 12-16, 2005	pp 333-339		Oral
4.	D. Seshachalam, R. K. Tripathi & D. Chandra	Recent trends in power Factor Correction: Sensorless control schemes	Proc. of recent advances in Electrical Engineering (EAR-2005)	JNTU Hyderabad	Dec 8-11, 2005	pp 145-148		Oral
5.	R.K. Tripathi, D. Seshachalam & D. Chandra	Practical Implementation of Sliding Mode Control for Boost Converter	IEEE Int. Conf. Asia Pacific Conference on Circuits and Systems (APCCS)-2006	Singapore	Dec. 4-7, 2006	pp 650-653		Oral
6.	D. Sheshachalam, R. K. Tripathi, D. Chandra & Anil Kumar	New Fuzzy Logic Controller for Buck Converter	IEEE Int. conf. on Power Electronics, Drives and Energy Systems for Industrial Growth (PEDES)- 2006	New Delhi, India	Dec. 12-15, 2006			Oral
7.	A. Kumar, R. K. Singh, Seshachalam D. & Tripathi R. K.,	Extension of Model Following Techniques to Sliding Mode Fuzzy Control for Non Linear Systems”,	Proc. of world Congress on Engineering 2007, London U.K	London U.K	July 2-4, 2007	pp 397-402		Oral
8.	S. P. Singh & R. K. Tripathi	A Review of Active Filters for Power Quality Enhancement	IEEE Int, conf. on Recent Advancements and Applications of Computer in Electrical Engineering (RACE) 2007	Bikaner INDIA	March 24-25, 2007			Oral
9.	S. P. Singh & R. K. Tripathi	Mitigation of Voltage Sags with Dynamic Voltage Restorer Using Wavelets	National Conference on Current Trends in Technology (NUCONE)	Nirma Institute of Technology, Ahmedabad INDIA	Nov. 29-Dec. 01, 2007			
10.	S. P. Singh & R. K. Tripathi,	Comparative Analysis of Different VSI Topologies & Control Strategies used for Three-Phase Active Power Filters	the National Conference on Current Trends in Technology (NUCONE)	Nirma Institute of Technology, Ahmedabad INDIA	Nov. 29-Dec. 01, 2007			

11.	S.P.Singh & Dr.R.K.Tripathi	Application of Active Filters for Power Quality Enhancement	International Conference on Power System (ICPS-2007) IEEE & PES sponsored	CPRI, Bangalore (Karnataka)	December 12-14, 2007			Oral
12.								
13.	S.P.Singh & Dr.R.K.Tripathi,	Review of Control Strategies for Power Quality Conditioner	Int. Conf. on Recent Applications of Soft Computing in Engineering and Technology (RASJET-2007)	IET, Alwar (Rajasthan)	December 22-23, 2007			Oral
14.	S. P. Singh & Dr.R. K. Tripathi	Interpretation and Analysis of Power Quality Measurement	Int. Conf. on Recent Applications of Soft Computing in Engineering and Technology (RASJET-2007)	, IET Alwar (Rajasthan)	December 22-23, 2007			Oral
15.	S. P. Singh & Dr. R. K. Tripathi	Design & Comparison for Robust Controller through Loop-shaping & $H_{\infty}$ Approach	International Conference on Power System Analysis, Control & Optimization (PSACO-2008)	IEEE Hyderabad Section, Andhra University, Visakhapatnam	March 13-15, 2008			Oral
16.	S.P. Singh & Dr. R. K. Tripathi	Rating Issues and DC Bus Capacitor Selection in Active Filters	National Conference on Emerging Trends in Electrical, Electronics and Computer Engineering, IEEE Co-Sponsored	Ghaziabad (Uttar Pradesh) INDIA	September 5-6, 2008			
17.	S.P. Singh & Dr. R. K. Tripathi	Design and Implementation of Three phase four wire Active Filters	National Conference on Emerging Trends in Electrical, Electronics and Computer Engineering, IEEE Co-Sponsored	Ghaziabad (Uttar Pradesh) INDIA	September 5-6, 2008,			
18.	S.P. Singh & Dr. R.K. Tripathi	Modern Trends in Active Power Conditioning	IEEE Sponsored Seminar on Electric Power Conversion (SEPC)	MNNIT, Allahabad (Uttar Pradesh)	17 <sup>th</sup> October, 2008			
19.	S.P. Singh & Dr. R.K. Tripathi	Large Static Converters Used for Industry and Utility Applications	IEEE Sponsored Seminar on Electric Power Conversion (SEPC),	MNNIT, Allahabad (Uttar Pradesh)	17 <sup>th</sup> October, 2008,			
20.	S. P. Singh & R. K. Tripathi	Design and Rating Issues of Power Components in Active Power Filters	INDICON 2008, IEEE Int. Conference & Exhibition on CONTROL, COMMUNICATION AND AUTOMATION	Indian Institute of Technology Kanpur	11-13 December, 2008			Oral
21.	S. P. Singh & R. K. Tripathi	Rating Issues and DC Bus Capacitor Selection for design of a Three-Phase, Four-wire Active Power Filters	Proc. of National Power System Conference (NPSC-2008)	Indian Institute of Technology, Bombay (IITB), INDIA	Dec. 16-18, 2008.			Oral
22.	S.P. Singh, C. P. Singh & Dr.R.K.Tripathi	A LabVIEW Based Power Factor Correction of Single Phase Non Linear Loads with an Active Power Filter	National Conf. RAEEE 09	NIT Hamirpur INDIA	Dec. 23-24, 2009			Oral
23.	S.P. Singh & Dr. R.K. Tripathi	Power Quality and Reliability of Distribution Systems	AICTE sponsored Seminar on Utilization and Reliability of Electric Power Systems,	SIET Allahabad	January 16, 2010			Oral
24.	R. D. Shukla, R.K. Tripathi & Sandeep Gupta	Power Electronics Application in Wind Energy Conversion	IEEE Int. Conf. of Power Control and Embedded Systems (ICPCES)-2010	MNNIT Allahabad, INDIA	Nov. 28-Dec. 01, 2010.			Oral

		System: A Review						
25.	S. P. Singh & R. K. Tripathi	Voltage Sag and their Characterization	IEEE Int. Conf. ICPCES-2010, held at	MNNIT Allahabad INDIA	Nov. 28-Dec. 01, 2010			Oral
26.	Sandeep Gupta, R. K. Tripathi & R. D. Shukla	Voltage Stability Improvement in Power System using FACTS Controllers: State of Art Review	IEEE Int. Conf. ICPCES-2010	MNNIT Allahabad, INDIA	Nov. 28-Dec. 01, 2010		ISBN: 978-1-4244-8543-7	Oral
27.	Rishabh. Dev. Shukla, R.K. Tripathi & Sandeep Gupta	Power Electronics Applications in Wind Energy Conversion System: A review	IEEE International Conference on Power, Control and Embedded Systems (ICPCES)-2010	MNNIT Allahabad, INDIA	Nov. 28-Dec. 01, 2010		(ISBN: 978-1-4244-8543-7)	Oral
28.	P. Pany, R.K. Singh and R.K. Tripathi	Bidirectional DC-DC Converter fed Drive for Electric Vehicle System	National Conference on Recent Advances in electrical Power and Energy system Management (RAEPESM-2011)	MMMEC Gorakhpur, INDIA	March 25-26, 2011			Oral
29.	Sandeep Shukla, R.D.Shukla, Sandeep Gupta and R.K.Tripathi	Comparative Study of Generators for Variable Speed Wind Energy System	National Seminar on Green Energy: Empowring Rural India, held	Rajeev Gandhi Institute of Information Technology, Tikarmali, Amethi (A campus of IIIT Allahabad)	April 15-16, 2011.			Oral
30.	P. Pany, R.K. Singh and R.K. Tripathi	Performance analysis of fuel cell fed PMSM drive with quadratic boost converter for electric vehicle application	National conference on emerging trend in electrical and electronics engineering, ETEEE-2011	KNIT Sultanpur. INDIA	Nov 26-27. 2011			Oral
31.	Rishabh Dev Shukla & R. K. Tripathi	Low Voltage Ride Through Ability of DFIG based Wind Energy Conversion Systems-I	IEEE Students' Conference on Engineering & Systems (SCES) 2012	MNNIT Allahabad, INDIA	March 17-19, 2012		ISBN: 978-1-4673-0456-6	Oral
32.	Rishabh Dev Shukla & R. K. Tripathi	Low Voltage Ride through Ability of DFIG based Wind Energy Conversion Systems-II	, IEEE Students' Conference on Engineering & Systems (SCES) 2012	MNNIT Allahabad, INDIA	March 17-19, 2012		ISBN: 978-1-4673-0456-6	Oral
33.	Sandeep Gupta and R. K. Tripathi	FACTS Modelling and Control: Applications to the Insertion of a CSC-STATCOM In Transmission Line	IEEE Students' Conference on Engineering & Systems (SCES) 2012	MNNIT Allahabad, INDIA	March 17-19, 2012		ISBN: 978-1-4673-0456-6	Oral
34.	Pany P., Singh, R.K., Tripathi, R.K.,	Power Management of Fuel Cell and Battery fed DC Motor Drive for Electric vehicle Application	Int. conf. on Advances in Engineering, Science and Management (ICAESM), 2012	Nagapattianam, INDIA	March 30-31, 2012	Page(s) : 363 – 368		Oral
35.	P. Pany, R.K. Tripathi, R.K. Singh	Performance Analysis of Fuel Cell and Battery fed Permanent Magnet Synchronous Motor Drive for Electric vehicle Application	2nd International Conference on Power, Control and Embedded Systems (ICPCES-2012)	MNNIT, Allahabad, INDIA	17-19 Dec, 2012			Oral

36.	Rishabh. Dev Shukla, & Dr. R.K. Tripathi	Topologies for Stand-alone DFIG based Wind Energy Conversion System	in 2 <sup>nd</sup> IEEE International Conference on Power, Control and Embedded Systems (ICPCES)-2012	MNNIT Allahabad, INDIA	Dec.17-19, 2012.			Oral
37.	Rishabh Dev Shukla, & Dr. R.K. Tripathi	A Stand-alone Wind Energy Conversion System Using wound rotor induction machine	IEEE International Conference on Power, Energy and Control (ICPEC-13)	Dindigul Tamilnadu INDIA	Feb. 6-8, 2013		ISBN: 978-1-4673-1049-9	Oral
38.	Sandeep Gupta, Prof R. K. Tripathi	An LQR and Pole Placement Controller for CSC Based STATCOM	IEEE International Conference on Power, Energy and Control (ICPEC '13)	PSNA College of Engg. Dindigul, Tamilnadu, INDIA,	Feb. 6-8, 2013		ISBN: 978-1-4673-1049-9	Oral
39.	Sandeep Gupta, Prof R. K. Tripathi	A Pole Placement Controller for CSC Based STATCOM with GA	3rd IEEE Advance Computing Conference (IACC-2013)	Gaziabad, INDIA	Feb 22-23, 2013			Oral
40.	Rishabh Dev Shukla, & Dr. R.K. Tripathi	A Stand-alone Wind Energy Conversion System Using wound rotor induction machine	IEEE International Conference on Power, Energy and Control (ICPEC '13)	PSNA College of Engg., Dindigul Tamilnadu, INDIA,	Feb. 6-8, 2013.		(ISBN: 978-1-4673-1049-9).	Oral
41.	Surya Prakash Singh and Prof. R K Tripathi	Performance Comparison of SPWM and SVPWM Technique in NPC Bidirectional Converter	IEEE International Conference on Circuit, Power and Computing Technologies (CCPCT)-2013	Noorul Islam College of Engineering (NICE), Kumaracoil, Tamilnadu	March 21-22, 2013			Oral
42.	R. Dev Shukla, & R. K. Tripathi	Speed-sensorless Voltage & Frequency Control in Autonomous DFIG based Wind Energy Systems	IEEE Australian Universities Power Engineering Conference (AUPEC-2014)	Curtin University, Western Australia, Perth	Sept. 28-Oct 01, 2014		INSPEC Accession No: 14788504	Oral
43.	J. L. Beniwal & R. K. Tripathi	Speed Control of SRM Drives using a New Power Converter Configuration in Electric Vehicles	IEEE Australian Universities Power Engineering Conference (AUPEC-2014)	Curtin University, Western Australia, Perth	Sept. 28-Oct 01, 2014		INSPEC Accession No: 14788504	Oral
44.	Sandeep Gupta, Prof. R. K. Tripathi	Improved Performance of LQR Controller in CSC Based STATCOM Using Genetic Optimization	6th IEEE POWER INDIA International Conference 2014	Delhi Technological University, Delhi	5-7 December 2014			Oral
45.	Anuj Rai and Ramesh Kumar Tripathi	Control of novel multilevel inverter	Proc. 2015 IEEE Students Conference on Conference (SCES-2015)	MNNIT Allahabad, INDIA	Nov 06-08, 2015		(ISBN: 978-1-4673-8597-8	Oral
46.	Nandy Subhashis, Rehman Atiq Ur, Jain, Anuj Mishra, Rakesh and Tripathi, R.K.	Flow Diagnostics in Centrifugal Pumps by Motor Current Signature Analysis	COMADEM 2015, ,	Buenos Aires, Argentina	1st - 4th December 2015		ISBN 978-987-23957-6-6.	Oral
47.	Maloth Naresh and Ramesh Kumar Tripathi	Power Flow Control and Power Quality Issues in Distribution System	Proceeding IEEE 1st International Conference on Power Electronics, Intelligent Control and Energy Systems		July 4-6, 2016		ISBN: 978-1-4673-8587-9	Oral



			(ICPEICES)					
48.	Indira kishore, Ramesh Kumar Tripathi	Single-Phase PFC Converter using Switched –Capacitor for High Voltage DC Applications	IEEE- ICPEICES'2016 Conf., July. 2016		July 4-6, 2016		ISBN: 978-1-4673-8587-9	Oral
49.	Maloth Naresh and Ramesh Kumar Tripathi	Power Flow Control and Implementation of PFC Rectifier for DC Motor Drive	2016 IEEE 7 <sup>th</sup> Power India International Conference (PIICON-2016),	Govt. Engineering College Bikaner,	November 25-27, 2016.			Oral
50.	G Indira Kishore, Maloth Naresh and Ramesh Kumar Tripathi	Modified Multiplier SEPIC Converter for High Voltage DC Applications	4 <sup>th</sup> IEEE International Conference on Power, Control and Embedded Systems (ICPCES - 2017)	MNNIT Allahabad, INDIA	9- 11 March, 2017		ISBN: 978-1-5090-4425-2	Oral
51.	Indira kishore and, Ramesh Kumar Tripathi	A Novel High Voltage Gain Single-Phase AC-DC PFC Converter using Switched-Capacitor	4 <sup>th</sup> IEEE International Conference on Power, Control and Embedded Systems (ICPCES-2017)	MNNIT Allahabad, INDIA	March 9-11, 2017		ISBN: 978-1-5090-4425-2	Oral
52.	Umesh. K. Soni and R. K. Tripathi,	Two Phase Bipolar and Two Phase Split Unipolar Operation of PMSM with Multiconfiguration Stator Using LABVIEW	4 <sup>th</sup> IEEE International Conference on Power, Control and Embedded Systems (ICPCES-2017),	MNNIT Allahabad, India	March 9-11, 2017		ISBN: 978-1-5090-4425-2	Oral
53.	Maloth Naresh and Ramesh Kumar Tripathi	Flux coupling Type Superconducting Fault Current Limiter in a Transmission and Wind Energy system”	2017 18th Annual IEEE International Conference on Industrial Technology (ICIT-2017),	Toronto, ON, Canada.	March 22 – 25, 2017		ISBN: 978-1-5090-5320-9	
54.	Umesh. K. Soni and R. K. Tripathi,	Novel back EMF zero difference point detection based sensorless technique for BLDC motor	2017 18th Annual IEEE International Conference on Industrial Technology (ICIT 2017),	Toronto, Ontario, Canada	March 22 – 25, 2017		ISBN: 978-1-5090-5320-9 pp. 330-335	
55.	Umesh Kumar Soni and R. K. Tripathi	Novel Estimated Back EMF ZDP Based Sensorless Controlled BLDCM Using Unknown Input Observer	International Seminar on Intelligent Technology and Its Application (ISITIA) 2017,	Organized by Institut Teknologi Sepuluh Nopember, Surabaya Indonesia	August 28-29, 2017.		IEEE part Number: CPF17TIA-USB ISBN: 978-1-5386-2707-5	Oral
56.	Umeshendra Prasad and Ramesh Kumar Tripathi,	Maximum Electricity Generation from Low Cost Sediment Microbial Fuel Cell using Copper and Zinc Electrodes	International Conference on Information, Communication, Instrumentation and Control (ICICIC), Aug 17, 2017 -	MEDI-CAPS UNIVERSITY INDORE INDIA	Aug 19, 2017,		pp. 1-4	Oral
57.	Umesh Rai and Ramesh Kumar Tripathi,	A novel multilevel inverter topology with selective harmonic elimination technique	Proc. in Proc. IEEE-ICPCES'2017 Conf., March. 2017	MNNIT Allahabad, INDIA	March 9-11, 2017		ISBN: 978-1-5090-4425-2	Oral
58.	Maloth Naresh and Ramesh Kumar Tripathi	A Novel Flux lock type Superconducting FCL in a wind energy system applications”	IEEE International Conference on Innovations in Power and Advanced Computing Technologies (i-PACT 2017),	VIT University Vellore, India	21 & 22 April 2017.			Oral

59.	Maloth Naresh and Ramesh Kumar Tripathi	Power Flow Control of DFIG Generators for Wind Turbine Variable Speed using STATCOM	IEEE International Conference on Innovations in Power and Advanced Computing Technologies (i-PACT 2017),	VIT University Vellore, India	21 & 22 April 2017			Oral
60.	Indira kishore and Ramesh Kumar Tripathi,	Single-Phase PFC Converter using Modified Multiplier SEPIC Converter for High Voltage DC Applications	4th IEEE Uttar Pradesh Section International Conference on Electrical, Computer and Electronics (UPCON),	GLA University, Mathura	October. 26-28, 2017			Oral
61.	Arjun Lal Beniwal and Ramesh Kumar Tripathi	Analysis of New Four-Phase Power Converter Configuration for SR Drive	IEEE 4 <sup>th</sup> UPCON 2017 Conf, , October- 2017.	GLA University, Mathura	October. 26-28, 2017 pp. 421-426			Oral
62.	Piyush Goyal, Ramesh Kumar Tripathi	Circulating current reduction and power sharing control in parallel connected inverters	IEEE 4 <sup>th</sup> UPCON 2017 Conf, , October. 26-28, 2017	GLA University, Mathura	October. 26-28, 2017 pp. 604-609			Oral
63.	Umesh Kumar Soni, Prof. Ramesh Kumar Tripathi,	Four Quadrant Torque Ripple Free Operation of BLDC Motor by Virtual Hall Signal Transitions at Phase Back EMF ZDPs	IEEE APPEEC 2017 Conference	Bangalore	November 8-10, 2017			Oral
64.	Maloth Naresh and Ramesh Kumar Tripathi	Operation and Control of Doubly Fed Induction Generator Based Wind Energy System Using FPGA	14 <sup>th</sup> IEEE India Council International Conference (INDICON-2017)	I.I.T Roorkee, Roorkee, Uttarakhand, India	15-17 December 2017			Oral
65.	Jeetendra Prasad and Ramesh Kumar Tripathi	Series and hybrid connection of sediment microbial fuel cell for powering Led	14 <sup>th</sup> IEEE India Council International Conference (INDICON-2017)	I.I.T Roorkee, Uttarakhand, India	December 15-17, 2017		pp. 1-5	Oral
66.	Umesh Kumar Soni, Prof. Ramesh Kumar Tripathi	Direction independent U-function based sensorless control of BLDC motor	IEEE International Conference on Industrial and Information Systems (ICIIS), 2017	Peradeniya, SriLanka	15-17 December, 2017			
67.	Umesh Kumar Soni, Prof. Ramesh Kumar Tripathi	BLDC motor specific PCOTLC converter with active current wave shaping for torque ripple minimization	IEEMA Engineer Infinite Conference (eTechNxT), 2018.	Greater Noida, NCR of Delhi, India	March 13-14, 2018			
68.	Jeetendra Prasad and Ramesh Kumar Tripathi	A De-Dc Boost Converter for Sediment Microbial Fuel Cell Energy Harvesting	2 <sup>nd</sup> IEEE International conference on Power Electronics, Intelligent Control and Energy systems,	Delhi Technological University, Delhi	Oct 22-24, 2018			Oral
69.	Maloth Naresh and Ramesh Kumar Tripathi “	FPGA Based Power Flow Control of Grid Side Converter of DFIG Wind Energy System”	IEEE 5th UPCON 2018 Conf	MMM UT, Gorakpur (UP)- India & University of the Ryukyus, Okinawa, Japan	2-4 Nov 2018.			Oral

70.	Jeetendra Prasad and Ramesh Kumar Tripathi	Voltage Drop Management and Step Up The Voltage of Sediment Microbial Fuel Cells	8 <sup>th</sup> IEEE India International Conference on Power Electronics (IICPE)	MNIT, Jaipur,	13 -15- Dec-2018			Oral
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[iv] Papers published in Conference Proceedings outside Ph.D. work **Total: 18**

Sl. No.	Author(s)	Title of the paper	Name of Conference	Place	Duration	Vol. No. of the proceedings	ISBN/ISSN No.	Nature of presentation [Poster/Oral]
1.	Mohamed Assaf, D. Seshsachalam, D. Chandra, and R .K. Tripathi	DC-DC Converters Via Matlab / Simulink	Proc. Of Int. conf., World Scientific and Engineering Academy and Society (WSEAS), Automatic Control, Modeling and Simulation (ACMOS) 2005	Prague, Czech Republic	during March 13-15, 2005			Oral
2.	Mohamed Assaf, D. Seshsachalam, D. Chandra, and R .K. Tripathi	Sliding mode control of boost converter	Int. Conf. on Electronics & Computers (IKECCO) 2005	Bishkek Kzygystan	May 5 <sup>th</sup> , 2005			Oral
3.	R.K. Tripathi & R. P. Panda	A Symmetrical Hybrid Sine PWM Switching Technique for Full Bridge Inverters	IEEE India International Conference on Power Electronics (IICPE) 2006	Chennai, India	Dec. 19-21, 2006			Oral
4.	Sreenu Kancharla & Dr. R. K. Tripathi	Nonlinear Average Current Mode Control for a DC-DC Buck Converter”	IEEE Int. Conf. ICSET-2008	Singapore	Nov. 24-27, 2008.			Oral
5.	R. P. Panda & R. K. Tripathi	A novel sine wave Inverter with PWM DC link	Third IEEE International conference on Industrial and Information Systems (ICIIS) 2008	IIT Khargpur, INDIA	8-10 December 2008			Oral
6.	Saurav Viswakarma & R.K. Tripathi	Transient Energy Dissipation and Damping Improvement using STATCOM	IEEE Int. Conf. ICPES-2010	MNNIT Allahabad, INDIA	Nov. 28-Dec. 01, 2010			Oral

		and SSSC						
7.	R. K. Tripathi & C. P. Singh	Power Quality Control of Unregulated Nonlinear loads	IEEE Int. Conf. ICPCES-2010	MNNIT Allahabad, INDIA	Nov. 28-Dec. 01, 2010.			Oral
8.	Alok Kumar & R.K.Tripathi	MPPT Schemes for PV Cell Module, Array for Small/Large Time Partially Shaded Condition	IEEE Students' Conference on Engineering & Systems (SCES) 2012	MNNIT Allahabad, INDIA	March 17-19, 2012		ISBN: 978-1-4673-0456-6	Oral
9.	Ishtiyaque Ahmad & R. K. Tripathi	IFOC Control of Induction Motor Using SVPWM Fed with Z-source Inverter	IEEE Students' Conference on Engineering & Systems (SCES) 2012	MNNIT Allahabad, INDIA	March 17-19, 2012		ISBN: 978-1-4673-0456-6	Oral
10.	Himanshu Kumar and R. K. Tripathi	Simulation of Variable Incremental Conductance Method with Direct Control Method Using Boost Converter	IEEE Students' Conference on Engineering & Systems (SCES) 2012	MNNIT Allahabad, INDIA,	March 17-19, 2012		ISBN: 978-1-4673-0456-6	Oral
11.	Umesh Dikshit and R. K. Tripathi	Direct Torque Control for Dual Three-Phase Induction Motor Drives	IEEE Students' Conference on Engineering & Systems (SCES) 2012	MNNIT Allahabad, INDIA	March 17-19, 2012		ISBN: 978-1-4673-0456-6	Oral
12.	O. Sudheer Kumar, D. Seshachalam, Dinesh Chandra & R. K. Tripathi	HOSM Control of PM Stepper Motor	All India Seminar on Product Development (APD) 2006	MNNIT, Allahabad India	Feb. 17-18, 2006			
13.	R.K. Tripathi & Padmanav Sahoo	Active Power Filter – A solution for Power Quality improvement	All India Seminar on Product Development (APD) 2006	MNNIT, Allahabad India	on Feb. 17-18, 2006			
14.	R. P. Panda & R. K. Tripathi	Development of a simple and efficient hybrid sine PWM inverter for PV power cells	All India Seminar on Product Development (APD) 2006	MNNIT, Allahabad India.	Feb. 17-18, 2006			
15.	S.P. Singh, D. Seshachalam & Dr. R. K. Tripathi	Management and Utilization of Intellectual Property at Universities	National Workshop on Intellectual Property (NWIP-2007)	MNNIT Allahabad	December 14-15, 2007			

16.	S.P. Singh, D. Seshachalam & Dr.R. K. Tripathi	Balancing Protection of Intellectual Property and its Utilization	National Workshop on Intellectual Property (NWIP-2007)	MNNIT Allahabad	December14-15, 2007			
17.	S.P. Singh, D. Seshachalam, Chandresh Agrawal & Dr. R. K. Tripathi	Historical Perspective on IP Protection for Software in Selected Countries World Wide	National Workshop on Intellectual Property (NWIP-2007)	MNNIT Allahabad	December14-15, 2007			
18.	Sreenu Kancharla & Dr. R. K. Tripathi	Nonlinear Average Current Mode Control for a DC-DC Buck Converter in continuous and discontinuous conduction modes	IEEE Conf. TENCON 08	Hyderabad INDIA.	Nov. 18-21, 2008			

[v] Book Chapters published/accepted in edited books

Sl. No.	Author(s)	Title of Chapter	Title of Book/Edited by	Year of Publication	Page No.		ISBN	Publisher
					From	To		
1	Rishabh Dev Shukla, Ramesh K. Tripathi, Padmanabh Thakur, Ramesh Bansal	<a href="#">Protection of Renewable Distributed Generation System</a>	Power System Protection in Smart Grid Environment /Ramesh Bansal	Edition: 1st Edition, First Published on <b>25 November 2018</b> , eBook Published <b>15 January 2019</b> chapter 18 30 pages	593	622	ebook ISBN: 9780429686795	<b>CRC Press Taylor &amp; Francis Group</b> Pub. location Boca Raton Imprint CRC Press <b>International</b>