

Acharya Institute of Technology
 Soldevanahalli, Bangalore – 560107
Dept. of Electrical & Electronics Engineering

Research & Development Efforts

B. Research Articles in Souvenirs (of conferences, seminars and others)

Dr. R. Prakash

Sl. No.	Title of the Paper	Journal (Name, Volume, Issue & Page Nos.)	Authors	International/National	ISSN/ISBN&Country
1	Fractional Frequency Transmission System to Enhance Line Load ability in EHVAC & UHVAC Long Transmission Line	2014 IEEE International Conference at Reva Institute of Technology, Bengaluru	B.S.Mohan, Dr.Shankar.C.B ,Dr.R.Prakash	International	
2	Joint Optimization for Capacitor Placement and Network Reconfiguration for Loss Reduction in Distribution System	2014 IEEE International conference on Power Electronics, Drives & Energy systems(PEDES)	Radhika Priyadarshi Dr.R .Prakash	International	978-1-4799-6373-71/14
3	Energy Park-Pcio Hydroplant	International conference on emerging trends in engineering at SKIT, Bangalore	Radhika Priyadarshini, Dr.R.Prakash	International	
4	Wind Integrated Battery-Super Capacitor Modl and battery Lifetime Analysis	International Conference at Jain University, Bangalore	Praseeda Ramesh, Dr.Shankar.C.B,Dr. R.Prakash	International	

Dr. R.S Shivakumara Aradhya

Sl. No.	Title of the Paper	Journal (Name, Volume, Issue & Page Nos.)	Authors	International/National	ISSN/ISBN&Country
1	Study of effect of internal temperature on the drying process of pollutant on the surge arrester housing in the solid layer and salt-fog test conditions	CIGRE SC 33 Colloquium 1993, New Delhi.	R.S. Shivakumara Aradhya, Dr. B.I. Gururaj, Dr. M. Ramamoorthy,	International	
2	Reduction in insulation strength under switching surge voltages for an insulator string	CIGRE SC 33 Colloquium, Harare, May 1995.	C.S. Lakshminarasimha, K. Manohara, P. Ranga Swamy and R.S.Shivakumara Aradhya,	International	
3	Impulse levels for rural and suburban distribution systems- could they be different?	CIGRE SC 33 Colloquium, Harare, May 1995.	R.S.Shivakumara Aradhya, Dr.C.S.Lakshminarasimha,	International	
4	Does Tower footing resistance affect surge arrester performance in	CIGRE SC 33 Colloquium, Harare, May 1995.	R.S. Shivakumara Aradhya, Dr.C.S.Lakshminarasimha	International	

	distribution lines?		mha,		
5	Ageing of ZnO arrester blocks under continuous power frequency and intermittent impulse currents	CIGRE SC 33 Colloquium, Harare, May 1995	U .R. Seshagiri Rao, R.S.Shivakumara Aradhya, Chennakeshava, C.S.Lakshminarasimha,	International	
6	Effect or position of test sample in pollution ageing chamber	CIGRE SC 33 Colloquium at Lucerne, Switzerland, August -September, 1999.	D.Devendranath, G.Girija, R.S.Shivakurnara Aradhya, N.S. Mohan Rao,	International	
7	Assessment of Transient Recovery Voltage of 1200 kV Circuit breaker	CIGRE Conference 2014, Paris	B.N. De Bhowmick, V R C Suresh Kumar, S B R Rao, Umesh Sen, R S Shivakumara Aradhya, K.S. Meera, Santosh Kumar Patro,	International	
8	Field testing approach to determine over voltages in HV transmission systems	CBI&P golden jubilee International symposium on EHV /UHV AC/DC transmission, May 1987, Bangalore	V .B. Ram Mohan, R.S. Shivakumara Aradhya,	International	

9	Inrush currents of 400kV shunt reactor and interconnecting transformers	6th International Symposium on HV Engineering, New Orleans, Louisiana, USA, August-September, 1989.	R.S Shivakumara Aradhya, D.Devendranath, C.S. Lakshrninarasirinha, V .B. Ram Mohan	International	
10	Pre-estimation of electrostatic field, audio and radio noise levels for five conductor bundle of 800 kV transmission lines	International seminar on design, manufacture and construction aspects of 800 kV transmission lines, ELECTROMA-90, CBI&P , Bombay, January 1990.	M.C. Ratra, S. Ganga, K.S. Dattatri, R.S, Shivakumara Aradhya,	International	
11	Interference levels of 800 kV transmission lines	International seminar on design, manufacture and construction aspects of 800 kV transmission lines, ELECTROMA-90, CBI&P, Bombay, January 1990.	M.C. Ratra, S. Ganga, K.S. Dattatri, R.S, Shivakumara Aradhya	International	
12	Environmental effect of EHV -UHV transmission lines	International seminar on design, manufacture and construction aspects of 800 kV transmission lines, ELECTROMA-90, CBI&P ,	M.C. Ratra, S. Ganga, K.S. Dattatri, R.S, Shivakumara Aradhya	International	

		Bombay, January 1990.			
13	Pollution tests on metal-oxide surge arrester	8th. ISH, Yokohama, Japan, August 1993	M. De-nigris, A. Sironi, Channakeshava. U.R. Shashagiri Rao, R.S. Shivakumara Aradhya,	International	
14	Investigation of pollution performance of insulators (200 kV to 800 kV) at UHV Laboratory of Central Power Research Institute, Hyderabad	2nd Afro-Asian Conference on Power Generation, Transmission & Distribution, Kaulalumpur, 1994	D. Devendranath, Pradeep M. Nirgude, A. Yellaiah, R.S. Shivakumara Aradhya, C.S. Lakshminarasimha,	International	
15	Lightning and Switching (standard and non-standard) performance of insulators in the range of 220 kV to 800 kV	2nd Afro-Asian Conference on Power Generation, Transmission & Distribution, Kaulalumpur, 1994.	P .Ranga Swamy, R.S.Shivakumara Aradhya and C.S. Lakshminarasimha,	International	
16	Parameters affecting the pollution performance of	CBI&P Golden Jubilee Year International Conference 1995, New Delhi.	Pradeep M. Nirgude, D.Devendranath.	International	

	insulators & supports under UHV up to 1000 kV		A. Yellaiah, R.S. Shivakumara Aradhya and C.S. Lakshminarasimha,		
17	Evaluation of switching concerns related to shunt capacitor bank installations	International conference on Power System Transients (IPST 95), Lisbon, Sept 3- 7, 1995	R.S.Shivakumara Aradhya, Sujatha Subhash, K.S. Meera,	International	
18	1000 kV Transmission research project of CPRI, India - Facilities and Preliminary results	International Conference on Transmission and Distribution India 2001, Thiruvananthapuram, Feb'96.	N.S. Parthasarathy, D. Devendranath, A. Yellaiah, P. Ranga Swamy, Pradeep M. Nirgude, R.S. Shivakurnara Aradhya and K. Manohara,	International	
19	Feasibility of extension of salt-fog tests for 1000kV Insulator strings	9th International Symposium on High Voltage Engineering, Graz, Austria, August - Sept. 1995.	D. Devendranath, Pradeep. M. Nirgude, R.S.Shivakumara Aradhya, and C.S. Lakshminarasimha	International	
20	Commissioning of	9th International	D. Devendranath,	International	

	pollution laboratory at CPRI, Hyderabad, India	Symposium on High Voltage Engineering, Graz, Austria, August - Sept. 1995.	Pradeep. M. Nirgude, R.S. Shivakumara Aradhya, C.S. Lakshminarasimha and A. Yellaiah,		
21	Dependence of flashover voltage of EHV/UHV insulator strings on the wave shape of switching surge over voltages	9th International Symposium on High Voltage Engineering, Graz Austria, August - Sept. 1995.	P. Rangaswamy, R.S.Shivakumara Aradhya, C.S. Lakshrninarasimha,	International	
22	Investigations on Solid layer pollution tests in India	10th ISH, Montreal, August 1997	D.Devendranath, Pradeep M. Nirgude, N.S.Chandrakanth, K.Srinivasa Rao, R.S.Shivakumara Aradhya, Channakeshava,	International	
23	Results of pollution research and tests at CPRI, Hyderabad	10th ISH, Montreal, August 1997	Pradeep M.Nirgude, D. Devendranath, N.S. Chandrakanth, R.S. Shivakumara Aradhya, Channekeshava,	International	

24	Computation of phase-to-phase over voltages of typical 400kV, 800kV and 1000kV transmission lines	International conference on computer application in electrical engineering, Roorkee, India, September 1997	R.S,Shivakumara Aradhya, N.S. Parthasarathy, S.V.P. Vijay Kumar	International	
25	Electric and magnetic field impact on environment and safeguards for transmission lines in India	5th International seminar on Indian technology of electric power transmission and environmental impact of transmission lines, Indian electrical & electronics manufacturer's association, Delhi, January, 1999.	N.S.Mohan Rao, R.S.Shivakumara Aradhya	International	
26	Performance tests on impulse measuring systems at Ultra High Voltage Research Laboratory	XI ISH'99, London, August, 1999	Pradeep M. Nirgude, K.Devendra Rao, R.S. Shivakumara Aradhya, N.S.Mohan Rao,	International	
27	Investigations on rain fog pollution test	XI ISH'99, London, August, 1999.	D.Devendranath, Pradeep M. Nirgude, G.V.Rao, R.S.Shivakumara Aradhya,		

			N.S.Mohan Rao, A.P .Sudheer		
28	A new breakdown maintenance schedule for 400 kV transmission line insulator string with broken and punctured insulators	Third International R&D Conference, CBI&P, February / March 2000, Jabalpur, India	Pradeep M. Nirgude, K.Devendra Rao, Arunjothi, R.S. Shivakumara Aradhya, N.S.Mohan Rao	International	
29	Detection or corona from transmission line materials by using acoustic emission sensing technique	Third International R&D Conference, CBI&P, February / March 2000, Jabalpur, India.	A.Yellaiah, B.Gunasekaran, R.S.Shivakumara Aradhya, G. Venkateswara Rao, N.S.Mohan Rao,	International	
30	Critical review of air-gap clearances of 400 kV line towers experimental investigations for their possible reduction	Third International R&D Conference, CBI&P, February / March 2000, Jabalpur, India.	R.S.Shivakumara Aradhya, Pradeep M.Nirgude, G.Rajaram Kishore, N.S.Mohan Rao,		
31	Application of	Third International R&D	B.Gunasekaran,	International	

	corona cage for prediction of corona performance of transmission lines in Indian conditions	Conference, CBI&P, February / March 2000, Jabalpur , India.	R.S.Shivakumara Aradhya, A. Yellaiah, N.S.Mohan Rao,		
32	Laboratory investigations on Optimization of Air Clearance for EHV and EHV transmission lines	13 th International Symposium on High Voltage Engineering, Netherlands, 2003.	Pradeep M. Nirgude, Arunjothy, R.S.Shivakumara Aradhya, N.S.Mohan Rao, Channakeshava	International	
33	Communication Protocols & Standards for Electric Power Reforms	IEEE International Conference on Power System, Kathmandu, Nepal, 03-05 November, 2004.	N. Murugesan, R.S.Shivakumara Aradhya, B.N. Sarkar,	International	
34	Measurement of magnetic field of electric power lines and sub-stations	14 th ISH, Beijing, China, 2005	R.S. Shivakumara Aradhya, R. Arunjothi, B. Krishna, D. Devandranath and B.Gunasekaran,	International	
35	Biological effects of power frequency magnetic fields: A holistic approach	14 th ISH, Beijing, China, 2005.	P. Rajendra, R.B.Sashidhar, C.Subramanyam, D.Devendranath, B. Gunasekarn,	International	

			R.S.S.Aradhya and A.K.Tripaty		
36	Use of Capacitors to mitigate High Frequency Transient Over Voltage in EAF System,	7 th International Seminar on Capacitors (CAPACIT 2010), 21-22 nd January, 2010, Mumbai.	R.A. Deshpande, R.S. Shivakumara Aradhya,	International	
37	Thermal Power Plant Grounding System Evaluation - A Case Study	1 st International Conference on Advances in Energy Conservation Technologies (ICAECT 2010), January 07-10, 2010, Manipal Institute of Technology, Mangalore.	C. Prabhakar, R.A. Deshpande, R.S. Shivakumara Aradhya,	International	
38	Application of Voltage Converter Based STATCOM for Control of Harmonics Caused by Electric Arc Furnace	ICEPES, Bhopal, 2011	N.V.N. Jagadeesh, V.V.N. Murthy, R.S. Shivakumara Aradhya	International	
39	Measured Magnetic field profiles at H V Gas Insulated Substations (GIS) underground cable	XVII International Symposium on High Voltage Engineer, Hannor, Germany August 22 - 26, 2011	B. Krishna, R.S.S Aradhya, R. Arunjyothi, D. Devendranath	International	

	and generating stations				
40	Design of an optimum grading ring for a 765 KV system silicone rubber insulators	IEEE 10 th International Conference on Properties and Applications of Dielectric Materials (ICPADM 2012), Bangalore, India	<i>M Kanyakumari, R S Shivakumara Aradhya, Hemanth Junjunwala</i>	International	
41	Design of optimum toroid configuration for the 1200 KV system solid core bus post insulators	IEEE 10 th International Conference on Properties and Applications of Dielectric Materials (ICPADM 2012), Bangalore, India	<i>M Kanyakumari, R S Shivakumara Aradhya, Dinesh Chowdhury, Vikas Khosla, Kemparaju,</i>	International	
42	Optimization of grading ring of Zno surge arrester using FE technique	IEEE 10 th International Conference on Properties and Applications of Dielectric Materials (ICPADM 2012), Bangalore, India	<i>M Kanyakumari, R S Shivakumara Aradhya, B Rajaiah, Kondala Rao,</i>	International	
43	FEM approach to design functionally graded transformer bushing	IEEE 10 th International Conference on Properties and Applications of Dielectric Materials (ICPADM 2012),	<i>S Ganga, M Kanyakumari, R S Shivakumara Aradhya</i>	International	

		Bangalore, India.			
44	Application of Latest Techniques to Diagnose Fault During Impulse and Short Circuit Tests on power Transformers in CPRI	5 TH International Conference on large Power transformers - Modern Trends in Application, Installation, Operation & Maintenance, 22-25 January 2013, Habitat World, Lodi road, New Delhi, India.	Pradeep M. Nirgude, Raghavaiah, R.S. Shivakumara Aradhya		
45	Impact of long duration UV ageing on silicone rubber and filler material	18 th International symposium on High Voltage Engineering, 25 th to 30 th August 2013, Seoul, Korea.	S. Ganga, N. Vasudev, G.R. Vishwanath, R S.Shivakumara Aradhya,	International	
46	Investigation of over voltages in cable-connected distribution and substation transformers by models	49th R&D Session of CBI&P, 1981.	R.D. Begamudre, R.S. Shivakumara Aradhya,	National	
47	A study of location of earthing of lightning arresters in 11 kV transformer	National Seminar on Electrical Power Engineering, CPRI, Bangalore, 1984.	V.B. Rama Mohan, K.N. Srinivasan, R.S. Shivakumara Aradhya	National	

	distribution substation				
48	Field testing of electrical power system	National Seminar on Electronics for Energy Power Sector, URJA, New Delhi, 1985.	Field testing group and power systems division, CPRI	National	
49	Field measurement of over voltages during switching off of 400 kV interconnecting transformer and shunt reactor by air blast circuit breaker	CBI&P R&D Session, Ranchi, 1988	R.S. Shivakumara Aradhya, D. Devendranath, R.S. Malaviya. R.G. Shahane	National	
50	Single-pole reclosing studies on 400kV long lines	5th National Power Systems Conference, Bangalore, September 1988	Sujatha Subhash, S. Pararmeswaran, K.S. Meera, R.S. Shivakumara Aradhya	National	
51	Field measurements for determining-secondary arc performance of neutral grounding reactor in long 400 kV transmission	Second workshop and conference on EHV technology, Bangalore, August 1989	R.S. Shivakumara Aradhya, D. Devendranath, R.S. Malaviya, R.G. Shahane	National	

	lines				
52	Harmonics- sources measurement effects and limits	6 th NPSC Bombay, June 1990.	Members of mobile field testing laboratory, CPRI	National	
53	Feasibility of converting 220 kV three phase double circuit lines into six phase lines	All India seminar on formation of national grid -technical and commercial aspects, statutory authority and regulations required to enforce grid discipline, Hyderabad, 10th and 11th June 1992	M.Kanyakurnari. R.S, Shivakurnara Aradhya, Channakeshava, Parameswaran, R. Suseendran. N.V, Ramesh. D. Revanna	National	
54	Design of shunt capacitor bank for industrial load - a case study	5th R&D session of CBI&P, Bangalore, 1993.	K.Karunakara, R.S.Shivakumara Aradhya, Channakeshava,	National	
55	Design fabrication and calibration of electrostatic AC field meters	Ninth convention of electrical engineers "New concepts in EHV /UHV AC/DC transmission systems", Institution of engineers India, Bangalore, November	K. Karunakara, P.V. Vsudevan Nambudiri, R.S. Shivakumara Aradhya, R. Maruthi	National	
56	Estimation of lightning	59th R&D Session of CBI&P, Calcutta, 1994.	M. Kanyakumari, R.S, Shivakumara	National	

	performance and back flashover rate of transmission lines		Aradhya, Channakeshava		
57	Survey of harmonics in power supply network and their limits	59th R&D Session of CBI&P, Calcutta, 1994.	E. Muttukumar, K.Karunakara, R.S. Shivakumara Aradhya, Channakeshava,	National	
58	Multi-Phase Transmission lines and their feasibility	Conference on Trends in Electric Power Transmission Technology, CPRI, Bangalore, June 1993	M. Kanyakumari, R.S. Shivakumara Aradhya. and Channakeshava	National	
59	Breakdown characteristics of insulator strings of EHV /UHV system under standard and non-standard switching impulses - A study in outdoor test laboratory	8th NPSC, 1994, Delhi	P. Ranga Swamy, R.S. Shivakumara Aradhya, C.S. Lakshminarasimha	National	
60	1000 kV Experimental Transmission line of CPRI, Hyderabad, Part-II Electrical studies envisaged and preliminary results	National conference on current trends in electric power transmission, Trivandrum, 1994.	C.S. Lakshminarasimha, A. Yellaiah, D. Devendranath, P. Ranga Swamy, Pradeep M. Nirgude, Kanyakumari,	National	

			R.S. Shivakumara Aradhya		
61	Corona loss measurements on CPRI UHV experimental transmission line	Workshop and Conference on EHV Technology, Bangalore, August 1995.	A. Yellaiah, Pradeep M. Nirgude, R.S. Shivakumara Aradhya, C.S. Lakshminarasimha	National	
62	Investigation on the pollution performance of long strings of disc insulators for EHV/UHV application	Workshop and conference on EHV Technology, Bangalore, August 1995.	D. Devendranath, Pradeep M. Nirgude, A.Yellaiah, R S. Shivakumara Aradhya, C.S. Lakshminarasimha,	National	
63	Investigation of the effect of long gap switching surge breakdown voltages due to the presence of conducting earthed objects in the vicinity	Workshop & Conference on EHV Technology, Bangalore, 1995.	P. Rangaswarny, S.Gowri Shankar, R.S. Shivakumara Aradhya, C.S. Lakshminarasimha,	National	
64	Environmental effects of AC transmission lines	Proceedings of ELECTRICIA'95, September, 1995	R.S. Shivakumara Aradhya	National	
65	Corona loss measurements on	Third workshop and conference on EHV	A. Yellaiah, Pradeep M.Nirgude,	National	

	CPRI UHV experimental transmission line	Technology, IISc Bangalore, August 1995	R.S. Shivakumara Aradhya, D. Devendranath, C.S. Lakshminarasimha,		
66	Investigations of the effect of long gap switching surge breakdown voltages due to the presence of conducting earthed objects in the vicinity	Third workshop and conference on EHV Technology, IISc Bangalore, August 1995	P. Rangaswarny, C.S.Lakshminarasimha, R.S. Shivakumara Aradhya, S. Gowrishankar	National	
67	Electro-thermal model of polluted metal oxide surge arresters and simulation of slurry coating tests	Third workshop and conference on EHV Technology, IISc Bangalore, August 1995	R.S.Shivakumara Aradhya	National	
68	Biochemical effects of power frequency magnetic fields on germinating Vicia Faba L (Board Bean) seedlings	10 th Congress of Federation of Asian & Oceanian Biochemists and Molecular Biologists, Bangalore, India, De.7-11, 2003.	P. Rajendra, H. Sujatha Nayak, B.Sashidhar Rao” C. Subramanyam, D. Devendranath, B. Gunasekaran and R.S.S.Aradhya,	National	
69	Biochemical effects	10 th Congress of	P. Rajendra,	National	

	of power frequency magnetic fields on germinating Vicia Faba L (Board Bean) seedlings	Federation of Asian & Oceanian Biochemists and Molecular Biologists, Bangalore, India, Dec. 7-11, 2003.	H. Sujatha Nayak, B.Sashidhar Rao, C.Subramanyam, D. Devendrath, B.Gunasekaran and R.S.S. Aradhya		
70	Data collection Protocol for the liberalised Energy Market	CONCOURSE, SRM College of Engineering, Chennai - July 2003	N. Murugesan, R.S.Shivakumara Aradhya, B.N.Sarkar		
71	Introduction to SCADA Protocols & Communication standards for Electric Power System	National workshop on Communication Protocol for Power System Automation, January 23 & 24, 2004, CPRI, India.	N. Murugesan, R.S. Shivakumara Aradhya		
72	Review of Process Automation Protocol for Thermal Power Station	RLA & R&M Conference, CPRI, India, February 2004.	N. Murugesan, R.S.Shivakumara Aradhya, S. Seetharamu,	National	
73	Oxidative stress caused by extremely low magnetic fields alters neuronal Ca ²⁺ signalling	74 th Annual Meeting of Society for biological chemists, CDRI Lucknow, India P.30, 103, Nov. 2005.	M.Pavan Kumar, P. Rajendra, D.Devendranath, B.Gunasekarn, Channakeshava,	National	

			R.S.Shivakumara Aradhya, R.B. Sashidhar and C.Subramanyam		
74	Energy Metering For Distribution Loss Estimation - Problems and Solution	National Power Systems Conference, December 2006, Roorkee, India.	S.Shyam Sundar, K. Devender Rao, J. Sreedevi, Raghunatha, R.S.Shivakumara Aradhya, R.K. Hegde,	National	
75	Performance evaluation of composite islanding and load management system using Real Time Digital Simulator	Seventh National Power System Conference, IITB - Mumbai, December 2008.	Sachin Srivastava, K.S. Meera, R.S.Shivakumara Aradhya, Sunil Verma	National	
76	A novel method for estimation of HT and LT feeder loss in distribution system ,	Seventh National Power System Conference, IITB-Mumbai, December, 2008.	P. Chandrasekar, R.S.Shivakumara Aradhya, M.M. Babunarayanan	National	
77	Computation of new Interaction Indices for Indian Multi - Infeed H.V. D.C System using	Centenary Conference EE - IISc. Bangalore, 14 - 17 December 2011	J. Sreedevi, C. Ahalya, K.S. Meera, R.S.Shivakumara	National	

	RTDS		Aradhya		
78	A case study of over voltage performance of multiple GIS Interface transmission system	Centenary Conference of EE - IISc., Bangalore, 14 - 17 December 2011	Meera K.S, R.S.Shivakumara Aradhya, S.G. Haprikar, Rajesh Vadengekar	National	
79	A methodology for lightning impulse test of three phase combined instrument transformer internal insulation	Workshop on Modern trends in Diagnostic testing and Condition Assessment of Power Plant and Substation Equipment, 30th -31st Jan2014, CPRI, Bangalore.	Dharmesh Y, R.S.Shivakumara Aradhya,	National	
80	Diagnostic testing of metal oxide gapless surge arrester	Workshop on Modern trends in Diagnostic testing and Condition Assessment of Power Plant and Substation Equipment, 30th -31st Jan2014, CPRI, Bangalore	U.R Sheshagiri Rao, Mohammad Faisal Rehman, R.S.Shivakumara Aradhy, K Mallikarjunappa, T Bhavanishankar	National	
81	Pollution ageing performance of gapless surge diverters	workshop on diagnostic monitoring of power apparatus in operation, CPRI, Bangalore, August	R.S. Shivakumara Aradhya	National	

		1990			
82	Research activity on Zinc Oxide Surge Arresters under phase-II R&D cooperation programme between CESI and CPRI	CESI- CPRI meet on Indo-Italian phase II research programme, New Delhi, Nov. 1994.	R.S. Shivakumara Aradhya,		
83	A Bird's eye view of the 1000 kV project of CPRI. Hyderabad	Workshop on EHV substation design operation and maintenance with special emphasis on power transformers, CBIP, Institute of Engineers, Hyderabad, October 1994.	K. Manohara. N.S. Parthasarathy, T.R. Venkatesh, A..Yellaiah. D. Devendranath, P. Ranga Sway. Pradeep M. Nirgude. R..S. Shivakumara Aradhya	National	
84	Impulse testing of power transformers	Workshop on EHV sub-station design. operation and maintenance with special emphasis on power transformers, CHIP , Institution of Engineers, Hyderabad, October 1994	P. Ranga Swamy, R.S. Shivakumara Aradhya, C.S. Lakshminarasimha	National	
85	Problems in standardization of	National workshop on pollution performance	R. S. Shivakumara Aradhya	National	

	pollution tests on Metal oxide surge Arrester	of Insulators and surge Arresters at UHV Research Laboratory, Hyderabad, April 1995.			
86	Over voltage, Insulation coordination and surge arresters	Workshop on Gapless surge arresters for Transmission and Distribution systems” Organised by High Voltage Division of CPRI on 16-17 Aug. 2012 at Bangalore.	Dr. R S Shivakumara Aradhya	National	
87	Lightning and its effects on transmission systems	Workshop on High Power Electromagnetics organized by LRDE on 15.9.2012 at Bangalore.	R S Shivakumara Aradhya	National	
88	Design and Development of composite insulators	Workshop on standards for Polymeric insulators and condition assessment of composite insulators, organized by High Voltage Division and Insulation Divisions of CPRI on 29 - 30 Nov. 2012 at Bangalore.	N.Vasudev, R.S.Shivakuamra Aradhya,	National	
89	Specification for Composite Insulators	Workshop on standards for Polymeric insulators and condition	N. Vasudev, R.S. Shivakuamara Aradhya	National	

		assessment of composite insulators, organized by High Voltage and Insulation Divisions of CPRI, on 29 - 30 Nov. 2012 at Bangalore.			
90	Over voltage & protection in Power System	Workshop on HV Generation, Measurements, Testing of Transformers, Switchgear & Insulators, organised by HV Division of CPRI, 22-23 August 2013	R.S. Shivakumara Aradhya		

Prof. SHIVAKUMAR SWAMY.R

Sl. No.	Title of the Paper	Journal (Name, Volume, Issue & Page Nos.)	Authors	International/National	ISSN/ISBN&Country
1	Voltage maintaining performance of polypropylene metallized film Capacitors	NCPS, acharya	Shivakumar Dr. V.Venkatesh	National	

Prof. LAKSHMIKANTH REDDY V

Sl. No.	Title of the Paper	Journal (Name, Volume, Issue & Page Nos.)	Authors	International/National	ISSN/ISBN&Country
01.	Automatic Compensation of capacitances in Capacitors using MEMS Electro-Thermal Actuators & Suspension Systems	Acharya Institute of Technology, National Conference	Lakshmikanth Reddy.V, Shabaz Ahmed.A, Mahesha.G	National	

Prof. KUSUMADEVI G H

Sl. No.	Title of the Paper	Journal (Name, Volume, Issue & Page Nos.)	Authors	International/National	ISSN/ISBN&Country
1	Reduction of voltage stresses H.V transformer winding sections by use of MOV Reduction of voltage stresses H.V transformer winding sections by use of MOV	NCPS-2012	KUSUMADEVI.G.H	NATIONAL	INDIA
2	<i>Simulation & design of hybrid wind/hydro system for low-cost electricity production</i>	<i>NATIONAL CONFERENCE ON ADVANCED TECHNIQUES IN ELECTICAL & ELECTRONICS ENGINEERING(NCATEE-2013</i>	KUSUMADEVI.G.H & DEEPA REKHA	<i>NATIONAL</i>	INDIA
3	<i>Identification & classification of transmission line</i>	<i>RECENT TRENDS IN INDUSTRIAL ELECTRONICS AND</i>	KUSUMADEVI.G. H& ANUSHA	<i>NATIONAL</i>	INDIA

	<i>faults using wavelet & Spectral Analysis</i>	<i>INSTRUMENTATION(CRTIEA I-2013)</i>			
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Prof.SUNITHA N S

Sl. No.	Title of the Paper	Journal (Name, Volume, Issue & Page Nos.)	Authors	International/National	ISSN/ISBN&Country
1	A minimum power loss conversion stage based on Boost Inverter and a back up unit with PI and Fuzzy controller comparison for fuel cell energy system	Recent trends in Industrial Electronics & Instrumentation CRTIEAI-13	Sunitha N.S, Kamala D	National	INDIA
2	Boost converter topology for improvement in P.f	NCPS-2012	Sunitha N.S	National	INDIA

Prof.SUNIL KUMAR.A.V

Sl. No.	Title of the Paper	Journal (Name, Volume, Issue & Page Nos.)	Authors	International/National	ISSN/ISBN&Country
1	Modern Control For Distribution Network Distribution Static Series Compensator	The International Conference on Recent Trend in Engineering,Management & Computer Application INRTIEMC-2011	Rekha C M Sunil kumar A V	national	

Prof.CHANDRASHEKAR A BADACHI

Sl. No.	Title of the Paper	Conference/ Seminar Name	Authors	International/National	ISSN/ISBN&Country
1.	Reliability assessment of Special protection system at Kolar HVDC Station	IEEE International Conference on Advances in Electronics, Computers and Communications (ICAECC) at Reva ITM, Bangalore 2014	Chandrashekhar A Badachi Binod Adhikari	International	----
2.	Electric Field distribution along the polluted porcelain string insulator using PSPICE	International Conference on Convergence of Science and Engineering in Education and Research- a global perspective in the New Millennium(ICSE 2010) at DSCE,2010	Chandrashekahr A Bdachi, Pradipkumar Dixit and Madhu Palati	International	----
3.	MATLAB based optimization of Ayrton's arc constants	Zen and Tao of Electrical and Electronics Engineering at MSRIT, Bangalore 2014	Chandrashekahr A Bdachi, Pradipkumar Dixit	National	ISBN No: 978-93-82880-98-1
4	Estimation of renewable energy sources at Acharya Campus	National Conference on Electrical and Engineering at SCE ,Bangalore,2013	Chandrashekhar A Badachi , Mohan B S, Lekshmi M	National	
5	Power Flow Control In A Transmission Line Using D-Facts Devices	National Level conference "Recent Trends in Power Systems at AIT, Bangalore 2012	Chandrashekhar A Badachi, Sindhuja	National	
6	Electric Field distribution	National Conference on Recent	Chandrashekhar A	National	

	along the polluted polymeric insulator using Quick Field	trends in Electrical Engineering - (NCRTE- 2011), 21st October 2011 M S College of Engineering, Bangalore	Badachi Madhu Palati		
7	Performance of Polymeric insulator subjected to Ultraviolet radiations	Knowledge Utsav, National level conference, conducted by Jain University and Tumkur University, 28th August 2010	Chandrashekhar A Badachi Pradipkumar Dixit	National	
8	Simulation Of Converters for HvdC Application Using Simulink	Knowledge Utsav, National level conference, conducted by Jain University and Tumkur University, 28th August 2010	Chandrashekhar A Badachi, Pradipkumar Dixit and Madhu Palati	National	
9	Hybrid scheduling Technique for a real time system	National level conference "VI-MANTRA" of National Instruments, Bangalore, 2008	Chandrashekhar A Badachi, Smt. Leelavati	National	

Prof. DAYANANDA.L.N

Sl. No.	Title of the Paper	Journal (Name, Volume, Issue & Page Nos.)	Authors	International/National	ISSN/ISBN & Country
1.	"Digital addressable Lighting interface for Real time application"	International conference on computer application and technology, Nitte	Dayananda L N	International	India

Prof.REKHA . C.M

Sl. No.	Title of the Paper	Journal (Name, Volume, Issue & Page Nos.)	Authors	International/National	ISSN/ISBN&Country
1	Modern Control For Distribution Network Distribution Static Series Compensator	The International Conference on Recent Trend in Engineering, Management & Computer Application INRTIEMC-2011	Rekha C M Sunil kumar A V	National	
2	Analysis of edge detection using haar wavelet	NCPS-2012	Rekha C M Swetha G	National	
3	Electrification using Mini Hybrid Solar and Wind Power System	RTEE-2013	Rekha C M Swetha G sunil kumar A V Amit kumar Mishra	National	

Prof. H .NAGESH

Sl. No.	Title of the Paper	Journal (Name, Volume, Issue & Page Nos.)	Authors	International/National	ISSN/ISBN&Country
1)	"Fast Identification of Critical Lines and Weak Load Buses In Power Systems"	ISPSPED-07	2	National	India