

PROFILE of Prof. Ch. Chengaiah

1. Name : Dr. Ch. Chengaiah

2. Designation : Professor

3. Address : Dept.of EEE
SVU College of Engineering
Tirupati-517502,
Chittoor (Dist) – A.P



4. Contact Phone number : 0877-224990 (o) +919440403023/7013083281

E-mail id : chinthapudisvu@gmail.com

5. Date of Birth : 10-03-1972

6. Academic Credentials

Degree	University	Year	Field of Specialization
Ph.D	S.V. University	2013	Power Systems Operation and Control
M.E	National Institute of Technology (REC), Tiruchirappalli, (T.N).	2000	Power Systems
B.Tech	S.V. University	1999	E.E.E.
Other Degrees/Diploma	S.B.T.E & T	1994	DEEE

7. Teaching Experience

Organization	Designation	Period
Bapatla Engineering College (BEC), Nagargjuna University	Lecturer	June 2001 to July 2003.
N.B.K.R.I.S.T, Vidyanagar	Assistant Professor	July 2003to July 2007
S.V.U.C.E, S.V. University	Associate Professor	3 rd July 2007to July 2013
S.V.U.C.E, S.V. University	Professor	July 2013 onwards

8. Research Area/ Experience

Research areas:

Power system Operation and Control
Power Electronics drives and Control Systems
Renewable Energy Sources

**No of Ph.D's . Guided : 02 (Awarded)
06(Under Progress)
02(Co-Supervisor)**

No of M.Tech projects guided – 28

9. Research and Development Project Details

S. No	Title of the Project	Sponsored Organization	Status / INR
1	Investigation of Maximum Cell Efficiencies for Dye Sensitized Solar cells	TEQIP Phase-II	Sanctioned / 2.97 lakhs
2	Solar PV and GPRS based led display system for Environmental monitoring, street lighting and pumping	UGC (Major Project) New Delhi	Applied/ 28.62 lakh
3	Investigation of Maximum Cell Efficiencies for Dye Sensitized Solar cell in Photovoltaic System	UGC (Minor Project) Regional Office Hyderabad.	Applied/ 4.52 lakh

10. Memberships in professional bodies:

S.NO	Membership Details
1.	Life member of SVUTA(Sri VenkateswaraUniversity teachers association)
2.	IEEE Membership(Faculty)
3.	Institution of Engineers Society member ship

11. Academic Excellence

Received **Best Paper Award** for the paper entitled”**Electrical Transmission System: Optimum Power Flow Assessment through Contingency**” in International Conference –CISCON 2011,organized by Manipal Institute of Technology, Manipal University, on Nov- 2011 at Manipal.

12. Foreign Visits:

Presented a paper on “**A novel approach for contingency ranking through voltage stability indices to assess the security in a power network**“ in International Conference on “Computer Science and Systems Engineering”- (CSSE2014) at **Hong Kong** during September 21-22, 2014.

13. Books Published:

1. Ch.Chengaiyah & G.V.Marutheswar published a Book entitled “**Control Systems A comprehensive Lab Manual**” BS Publications, ISBN: 978-93-5230-158-4, 2017.

14. Administrative Experience :

1. Served as **warden** for **SVUCE, MEN'S Hostel** from Oct-2007 to April 2010.
2. Served as **In-Charge Officer Maintenance (Electrical)** SVUCE campus from 1st Aug 2011 to September 2013.
3. Appointed as **Deputy-Director** for Directorate of Admissions S.V.University, for the Period of one Year 19 March 2013 to 2014.
4. Appointed as **Liaison Officer, Special Cell** for the period of one year i.e Dec-2015 to Dec-2016 S V University Tirupati.
5. Appointed as **Dean, Student Career Development & Counselling (SCDC)**, S.V.University, Tirupati from 03-04-2017 to till date.

15. Other Administrative and Academic Positions served:

1. Appointed as **Observer** for EAMCET-2011 on 22 May 2011, in Tirupati Regional Centre.
2. Appointed as a **Confidential Team Member** for JNTUH-EAMCET- 2011 from 23rd May to 01st June 2011.
3. Appointed as the **In- charge of Workshop & High Voltage Engineering Lab** by Head of the department from on **14th Oct, 2011** onwards.
4. Served as **Verification Officer** for **Paramedical Counselling** -2012, from 11th to 17th September, 2012
5. Appointed as External BOS (UG&PG/EEE) Member in Yogi Vemana University, Kadapa from 2017 onwards and also Member of S.V. University BOS(UG&PG/EEE) from March 2012 onwards.
6. Appointed as a **Observer and Confidential Team Member** for **Graduate Entrance Test(APGENCO) -12**, Examinations on 12th August 2012 at Tirupati.
7. Appointed as **Procurement Committee** for **TEQIP –Phase –II**, from 5th March 2012.
8. Appointed as **Course Co-ordinator** for M. Tech Program for the year 2012-13 onwards.
9. Appointed as **Central Observer** at Hyderabad for conducting APGENCO-2013 Exam July 2013.
10. Deputed as one of the **Member in NASSCOM** Programme held on 30th November 2013 at S.V.U College of Engineering.
11. Appointed as **Special Observer** for SVU-DDE (PG) Exams of 29th Sep to 01st Oct 2012 at Tekkali.
12. Appointed as **Convener** for **Exam. Committee (UG)** 1st March 2013 onwards.
13. Appointed as a **Member of Board of Studies (BOS) for PG and PASS (UG)** for the Period of Three years i.e 29-05-2015 to 20-05-2018.

14. Appointed by Honorable Vice-Chancellor as a **Dual Degree Programme Committee Member** for 6 Year Integrated B. Tech & M. Tech on April 2014.
15. Appointed as a **Department Co-ordinator** for EEE of 6 Year Integrated B. Tech & M. Tech Dual Degree Course for a period of One Year from 17-09-2014 to 16-09-2015.
16. Appointed as a **Additional Chief Superintendent** for 6 Year Dual Degree Course from 28-10-2014 onwards.
17. Appointed as **Regular Ragging Vigilance Committee Member** to prevent incidents of ragging in the SVUCE Campus in Sep 2010 onwards.

16. Publications:

35

List of Papers published in National/International Journals

S.No	January2008 to December2010
1	Ch.Chengaiiah ,G.V.Marutheswar & Dr. R.V.S.Satyanarayana, “Control setting of unified power flow controller through load flow calculation, <i>ARPJ Journal of Engineering And Applied Sciences</i>, vol.3, no.6, Dec-2008.(I) ISSN: 1819-6608 Citation-10
2	Ch.Chengaiiah, G.V.Marutheswar, Dr. R.V.S.Satyanarayana, “Voltage SAG compensation using Interline Dynamic voltage restorer”, <i>inter national journal on electrical and electronics engineering</i>, vol.01, Nov 2008-jan 2009.(I)ISSN :0974-2042
3	N.vijaya Simha, Ch.Chengaiiah “Evaluation of Fault analysis in transmission lines using relay settings”, <i>journal of theoretical and applied information technology</i>, vol.14, no.02, April 2010.(I) ISSN:1992-8645, Impact Factor 1.71
4	MG Amith kumar, Ch. Chengaiiah “optimal power flow using particle Swarm optimization technique” <i>I manager’s journal on electrical engineering</i>, vol.4, no.1, July-september 2010. (N) ISSN: 0973-8835, Referred journals
5	B.Srikanth, Ch.Chengaiiah, “Evaluation of first Swing Stability of a large power system using UPFC”, <i>I manager’s journal on electrical engineering</i>, vol.4, no.1, July-September 2010.(N) ISSN: 0973-8835, Referred journals
	January2011 to December2013
6	Ch.Chengaiiah, R.V.S.Satyanarayana,“A comparative study of 5-bus and 14 bus system with UPFC:a power flow perspective ” The IUp journal of electrical and electronics engineering, vol.Iv, NO.1, Jan 2011.(I) ISSN : 0974- 1704, Referred journals.
7	Ch.Chengaiiah, R.V.S.Satyanarayana“Improvement of optimal power flow and system security using Fuzzy based contingency ranking “, <i>IFRSA’S international journal of computing</i>, vol.1, issue 3, July 2011. (I) ISSN : 2231 – 2153, Referred journals
8	Ch.Chengaiiah and K.Mani,”Distance protection of transmission lines using WAVELET Transform” <i>Journal of Innovation in Electronics and communication</i>Volume 2,Issue 2,ISSN:2249-9946, January 2012, Referred journals.
	Ch.Chengaiiah, R.V.S.Satyanarayana, G.V.marutheswar,” Location of UPFC

9	in electrical transmission system: Fuzzy contingency Ranking and optimal power flow”, <i>Inter national journal of engineering Research and development</i> , vol.1, issue: 12, July 2012.(I) ISSN : 2278 – 067X. Referred journals
10	Ch.Chengaiiah, “The role of economic analysis with FACTS technology: A transmission system Development”, <i>international journal of computer science information and Engg, Technologies</i> , vol.1, issue.3, April 2013.(I) ISSN : 2277 – 4408, Referred journals
11	Ch.Chengaiiah and I.Siva Prasad,” Performance of on Induction motor drive by in direct vector controlled method using PI and Fuzzy controllers”, <i>IJSE &T-Vol-2, No-3, June, 2013</i> , pp 457-469 ISSN 2278-3687(O)., Referred journals
12	Ch.Chengaiiah, P.Jyoshna ,” Allocation of Transmission Losses in a Deregulated power system “ <i>Global Journal of Researchers in Engineering (GJRE)</i> Vol.13 Issue 12 Version 1.0 September 2013 , Referred journals
13	Ch.Chengaiiah and S.K.Zakeer Hussain ,”Voltage and Frequency Control strategy for a stand Alone Micro Grid System”, <i>IJRIET-Vol-1, Issue 2,ISSN:2347-6850,pp31-36, December-2013.,</i> Referred journals
	January2014 to till date
14	Ch.Chengaiiah and K. Venkateswaralu, “Comparative Study on DC Motor Speed Control using Various Controllers“, <i>IJAREEIE-Vol-3, Issue 1, ISSN:2320-3765,pp 6918-6925, January-2014.</i> Impact Factor 5.016
15	P.Sudheer and Ch.Chengaiiah, “Development of an Microcontroller Based Eco –Friendly Automatic Photovoltaic Irrigation System for Agriculture”, <i>International Journal of Applied Engineering Research</i> ISSN 0973-4562 Volume 10, Number 6 (2015). , Referred journals
16	B.Girish Krishna, Ch.Chengaiiah and A.Immanuel, ”Differential Evolution based Optimal Power Flow in the Presence of UPFC”, <i>GJTE-vol -2,Issue 3,e-ISSN:2393-9923, March 2015.,</i> Impact Factor- 1.456
17	A.Hari, Ch.Chengaiiah and A.Immanuel, “Optimal Power flow in Electrical Transmission system with FACTS Devices using Particle Swarm Optimization”, <i>GJTE-vol -2,Issue 3,e-ISSN:2393-9923, March 2015.</i> Impact Factor- 1.456
18	A.Immanuel and Ch.Chengaiiah, “Optimal Power Flow with UPFC Using Fuzzy-PSO with Non-Smooth Fuel Cost Function”, <i>IJERA-vol -5,Issue 5,ISSN:2248-9622,May 2015.</i> Impact factor- 1.69
19	A.Immanuel and Ch.Chengaiiah, “A comprehensive literature survey on recent methods of optimal power flow” <i>IOSR Journal of Electrical and Electronics Engineering (IOSR-JEEE)</i> e-ISSN: 2278-1676,p-ISSN: 2320-3331, Volume 10, Issue 5 Ver. II (Sep – Oct. 2015) , PP 01-12 , Impact factor- 1.419
20	K.Niteesh Kumar and Ch.Chengaiiah, “Reducing Generation Cost in Transmission System Using Facts Devices” in <i>SSRG International Journal of Electrical and Electronics Engineering (SSRG-IJEEE)</i> ISSN: 2348-8379, Volume 2, Issue 11 Nov. 2015.
21	G RAVINDRA, CH.CHENGAIIAH, CHANDRA SEKHAR B, “Control of the Reactive power supplied by a WECS based on an Induction generator fed by a Matrix converter “, <i>The Journal of CPRI, CPRI Bangalore, ISSN No. 0973-0338, Volume 11,</i>

	issue no. 3, September, 2015, Page.529-544.
22	A.Immanuel and Dr.Ch.Chengaiiah , Published a paper on “ A Novel Hybrid Optimization Algorithm for Optimal Power Flow with Unified Power Flow Controller ”, IJAERS-vol -3,Issue-6,ISSN: 2349-6495,June, 2016. SJ Impact Factor: 4.072, TRRID: P-3738-2015.
23	P.Sudheer and Ch.Chengaiiah , Modelling and simulation of Hybrid transformer less grid tied Inverters for Dye-sensitized Photo-Voltaic system ” published in Computer science procedia ELSEVIER Journal.
24	A.Immanuel and Ch.Chengaiiah , Published a paper on “ An Adaptive Hybrid Optimization Algorithm for Multi-Objective Security Constrained OPF With FACTS Device ”, ARPN Journal of Engineering and Applied Sciences, vol. 11, no. 23, ISSN:1819-6608 December 2016.(SCOPUS Indexed)
25	P.Sudheer and Ch.Chengaiiah , “ Maximum Power Point Tracking algorithms for solar power System-Review ”, International Research Journal of Engineering and Technology ISSN 2395-0056 Volume 4, Issue 1 (January 2017).
26	C.dolly Madhuri and Ch.Chengaiiah , Published a paper on “ Modeling and simulation of new hybrid boosting converter for photovoltaic systems ”, International Journal Advanced Research Electrical, Electronics and Instrumentation Engineering ISSN 2320-3765 Volume 5, Issue 12 (December 2016),, Referred journal
27	G RAVINDRA, CH.CHENGAIH , “ Reactive Power Management In Islanded Micro grid using proportional power sharing control method ”, International conference on GREEN POWER TECHNOLOGY IN POWER GRID:ISSUES , CHALLENGES AND CONTROL (ICGPTPG-2016), S.V.U.COLLEGE OF ENGINEERING, S.V.UNIVERSITY, TIRUPATI, November, 2016.
28	P.Sudheer & Ch.Chengaiiah , Published a paper on “ Hybridization of perturb and observe method using PSO and ABC for photovoltaic grid connected system ” International Journal of Control Theory and Applications, ISSN 0974-5572 Volume 10, Issue 6 (2017), SCOPUS Indexed Journal
29	A.Immanuel ,P.Sudheer & Ch.Chengaiiah Published a paper on “ An advanced Power conditioning unit of power management in grid connected PV systems ” International Journal of Control Theory and Applications, ISSN 0974-5572 Volume 10, Issue 6 (2017), SCOPUS Indexed Journal.
30	G.Ravendra Ch.Chengaiiah , “ Regulation of frequency in the wind plants integrated grid by H-infinity approach “ , international IEEE conference on Energy, Communication,Data Analytics and Soft Computing (ICECDS)-2017, SKR Engineering College, Poonamalle, Tamilnadu, August, 2017, Page: 398-403.
31	P.V.Narendra Kumar, Dr Ch.Chengaiiah, J.V.K.Prasad , “ Issues of Unit Commitment and Load Scheduling: A Fuzzy Dynamic Programming Approach ”, International Journal of Pure and Applied Mthematics (IJPAM), Vol. 114, No.9, 2017, Page No.157-165, ISSN: 1311-8080 (PRINTED Version); ISSN: 1314-3395 (On-line version), url: http://www.ijpam.eu
32	P V Narendra kumar, Ch.Chengaiiah ,” Issues of unit commitment and load scheduling:A Fuzzy dynamic Programming Approach ”, vol 114 No.9,Issue ISSN:1314-3395, 2017.
33	P.V.Narendra Kumar, Dr Ch.Chengaiiah, J.V.K.Prasad , “ Estimation of Generation Cost for Multi Capacity Thermal Power Generators using MATLAB ”, International Journal of Engineering Research and Development (IJERD), Vol. 14 and Issue No.5 (May Ver. I 2018), PP. 38-44. E-ISSN: 2278-

	067X, p-ISSN: 2278-800X, url: http://www.ijerd.com
34	P.V.Narendra Kumar, Dr Ch.Chengaiiah, G.Kiran Kumar, “Cost Management of a CFBC Boiler in a Thermal Power Plant”, International Journal of Engineering and Technology(UAE),(IJET), Science Publishing Corporation, ISSN: 2227-524X, url: ijet">http://www.sciencepubco.com>ijet
35	Syeda Tasneem Banu, P.Jyoshna, Ch.Chengaiiah, Published a paper on” Real power Loss Minimization using Brain Storm optimization Algorithm”in Journal of Emerging Technologies and Innovative Research, Vol-5, issue 11, ISSN: 2349-5162, November 2018.

17. Papers presented in National / International Conferences:

S.No	List of Paper Details
January 2008 to December 2010	
1.	Ch.Chengaiiah, Presented a paper on “Power Quality Improvement Using Interline Dynamic Voltage Restorer” Proceedings of the National Conference on Power Electronics and Drives, June 28-29, 2008. pp 110-116.
2.	Ch.Chengaiiah, Presented a paper on “bus bar and power transformer protection in EHT substation “on April 2010, organized by Vivekananda College of engineering for women, Tamilnadu
January 2011 to December 2013	
3.	Ch.Chengaiiah, Presented a paper on “.Electrical Transmission System: Optimum Power Flow Assessment through Contingency” An International Conference – CISCON-2011, Nov 3-6th, 2011, pp 132-137.
4.	Ch.Chengaiiah, Presented a paper on “Power Flow Assessment in Transmission Lines Using Simulink Model With UPFC” An IEEE International Conference – ICCEET-2012, Mar- 21- 22nd, 2012, pp (IEEE Explorer)
5.	Ch.Chengaiiah, Presented a paper on “Study on Effect of UPFC device in Electrical Transmission system:Power Flow Assessment”, in International Conference on Electrical and electronics Engineering (ICEEE-2012) at Tirupati on 9th June, 2012.
6.	Ch.Chengaiiah, Presented a paper on “Loss Reduction in Electrical Transmission System by Using FACTS Devices” organized by L.B.R.C.E, Mylavaram. Aug 2012.
January 2014 to till date	
7.	A.Immanuel & Ch.Chengaiiah, Presented a paper on “A novel approach for contingency ranking through voltage stability indices to assess the security in a power network”, in 2014 International Conference on Computer Science and Systems engineering (CSSE-2014) in Hong Kong on September 21st & 22nd, 2014.
8.	P.Sudheer & Ch.Chengaiiah, Presented a paper on “Development of an Microcontroller Based Eco –Friendly Automatic Photovoltaic Irrigation System for Agriculture”, in International Conference on Green Technologies for Power

	Generation, Communication & Instrumentation (ICGPC'15) at St.Peter's Institute of Higher Education& Research, Chennai during February 26 th & 27 th , 2015.
9.	A.Immanuel & Ch.Chengaiiah , Presented a paper on “A Hybrid Optimization Technique for Optimal Power Flow in a Power Network with FACTS Device” in National Conference on “Energy Security through New& Renewable Energy Resources” at S.V.U.C.E ,Tirupati Organized by Institution of Engineers, Tirupati during July 27-29, 2015.
10.	P.Sudheer & Ch.Chengaiiah , Presented a paper on “Performance Analysis of Photo Voltaic Systems using Different MPPT Techniques” in National Conference on “Energy Security through New& Renewable Energy Resources” at S.V.U.C.E, Tirupati Organized by Institution of Engineers, Tirupati during July 27-29, 2015.
11.	P.Sudheer & Ch.Chengaiiah , Presented a paper on” Smart Energy Management techniques for Smart green photovoltaic technology for Smart cities in India ” in Digital India workshop at NIT Trichy on 18/08/2015.
12.	P.Sudheer & Ch.Chengaiiah , Presented a paper on” Eradicating Proverty in India by sun Using Dye-sensitized Photo-Voltaic Technology ” in 6 th International Seminar of Regional Network on Poverty Eradication , organized by Dept. of Economics, S.V.University Tirupati, on 13- 15 th Nov -2015.
13.	A.Immanuel & Ch.Chengaiiah , Presented a paper on” An Adaptive Hybrid Optimization Algorithm for OPF for Non-Smooth Fuel Cost Functions With Facts Device ” in 2 nd International conference on emerging trends in electrical, communication and Information Technologies-2015. Organized by SRIT, Anantapuramu on 19 th -21 st December-2015.
14.	C.Venkatesh and Ch.Chengaiiah , “Energy Storage System in Wind Power Distribution” 6 th International Conference on “Regional Network on Poverty Eradication”,13 th to 15 th November 2015.
15.	K.N.Dwarakanath and Ch.Chengaiiah , “A Noval Method For Reduction of Leakage Currents in Transformerless Grid-Tied Inverters” 6 th International Conference on “Regional Network on Poverty Eradication”,13 th to 15 th November 2015.
16.	A.Immanuel & Ch.Chengaiiah , Presented a paper on” An Adaptive Hybrid Optimization Algorithm for Multi-Objective OPF With Facts Device ” in Biennial International conference on Power & Energy Systems:Towards Sustainable Energy-PESTSE-2016, Organized by Amritha school of Engineering,Bengaluru on 21 st -23 rd January-2016.
17.	P.Sudheer & Ch.Chengaiiah , Presented a paper on” Modelling and simulation of Hybrid transformer less grid tied Inverters for Dye-sensitized Photo-Voltaic

	system” in ELSEVIER International conference on Computational Modelling and Security(CMS-2016), organized by R.L Jalappa Institute of Technology, Dodballapur, Bangalore on 11- 13 th February -2016.
18.	P.Sudheer& Ch.Chengaiiah , Presented a paper on “ Modelling and simulation of Grid connected photovoltaic system with conventional and intelligent Maximum Power Point Tracking Techniques , in 1 st International Conference on Green Power Technology in Power Grid: issues, challenges & control(ICGPTPG-2016) during 16 - 18 November 2016 organized by Dept. of EEE, SVU College of Engg,Tirupati.
19.	A.Immanuel & Ch.Chengaiiah , Presented a paper on “ Reduction in generation costs for the economic feasibility of application of FACTS Devices , in 1 st International Conference on Green Power Technology in Power Grid: issues, challenges & control(ICGPTPG-2016) during 16 -18 November 2016 organized by Dept. of EEE, SVU College of Engg,Tirupati.
20.	I.Muniraja & Ch.Chengaiiah , Presented a paper on “ Reactive power management in Grid connected DFIG based wind form by using Statcom ”, in 1 st International Conference on Green Power Technology in Power Grid: issues, challenges & control(ICGPTPG-2016) during 16 -18 November 2016 organized by Dept. of EEE, SVU College of Engg,Tirupati.
21.	V.Krishnaveni&Ch.Chengaiiah , Presented a paper on “ Electrical Tracking for Maximum power using Hybrid perturb and observe method in Grid connected Photovoltaic system ”,in 1 st International Conference on Green Power Technology in Power Grid: issues, challenges & control(ICGPTPG-2016) during 16 -18 November 2016 organized by Dept. of EEE, SVU College of Engg,Tirupati.
22.	K.Chandrika & Ch.Chengaiiah , Presented a paper on “ Design and analysis of PV System for power quality enhancement using H6 based Filter plug in Vehicles ”, in 1 st International Conference on Green Power Technology in Power Grid:issues, challenges & control(ICGPTPG-2016) during 16 -18 Nov 2016 organized by Dept.of EEE, SVUCE,Tirupati.
23.	C.Bhavana&Ch.Chengaiiah , Presented a paper on “ Transformerless inverter topologies with a three port DC-DC Bidirectional converter for Grid tied Photovoltaic System ” in 1 st International Conference on Green Power Technology in Power Grid: issues, challenges & control (ICGPTPG-2016) during 16 -18 November 2016 organized by Dept. of EEE, SVU College of Engg,Tirupati.
24.	Ch.Chengaiiah , Presented a paper on “ Regulation of Frequency in the wind plants Integrated Grid by H-infinity Approach ” in the International Conference on Energy, Communication, Data Analytics and Soft computing (ICECDS)-2017, during August 1 st -2 nd 2017, organized by S.K.R Engineering College, Poonamallee, Tamilnadu.

25.	P.V.Narendra Kumar, Dr Ch.Chengaiiah , G.Kiran Kumar, “Generation Cost for Multi Capacity Thermal Power Stations using MATLAB”, First International Conference on ‘Green Power Technology in Power Grid: Issues, Challenges & Control (ICGPTPG-2016)’ during 16 th – 18 th November 2016 at Sri Venkateswara University, Tirupati, Andhra Pradesh, India.
26.	P.V.Narendra Kumar, Dr Ch.Chengaiiah , J.V.K.Prasad, “ Issues of Unit Commitment and Load Scheduling: A Fuzzy Dynamic Programming Approach”, Joint International Conference on ‘Artificial Intelligence and Evolutionary Computations in Engineering Systems (ICAIECES-2017) & Power, Circuit and Information Technologies (ICPCIT-2017)’ held on 27 th – 29 th April 2017 at Madanapalli Institute of Technology & Science, Madanapalli, Andhra Pradesh, India.
27.	P.V.Narendra Kumar, Dr Ch.Chengaiiah , G.Kiran Kumar, “Cost Management of a CFBC Boiler in a Thermal Power Plant”, First International Conference on ‘Computational and Intelligent Techniques for Automation of Engineering Systems (CITAES-2018)’ during 30 th November to 1 st December 2018 at Gudlavalleru Engineering College, Gudlavalleru, Krishna District, Andhra Pradesh, India.
28.	P.Jyoshna, Prof.Ch.Chengaiiah , Presented a paper on “ Transmission losses allocation using PFT and DMLA algorithms in a deregulated power system ”, in 2018 International Conference on Inventive systems and control (ICISC-2018) in Pichatur on January 19th & 20th, 2018.
26.	P.Jyoshna, Ch.Chengaiiah, Published a paper on “ Transmission loss Allocation in Deregulated power system with optimal placement of TCSC Device using optimization Algorithm ” in Second International Conference on Research Trends in Engineering, Applied Science and Management(ICRTESSM-2018) ON 23 rd September-2018 in Osmania University, Hyderabad.

18. Workshops / Training Programmes / Seminars Attended:

S.No	Details of Workshops/Training Programmes
	January2005 to December2007
1	Participated a short term course on “ Instructional Design and Delivery ” On Oct 2005, Organized By N.B.K.R Institute Of Science And Technology, Vidyanagar.
2	Participated workshop on “ Emerging trends in VLSI Design ” on Jul 2007, organized by S.V.U.College of Engineering, Tirupathi
3	Participated a training programme on “ Induction Programme for the New Faculty ” on Aug 2007 organized by S.V.U.College of Engineering, Tirupathi.
	January2008 to December2010
4	Participated workshop on “ Modeling, Simulation and Control of Power Converters ” On June 2008, organized by S.V.U.College of Engineering, Tirupati.
5	Attended workshop on “ power quality analysis and improvement techniques ” on March 2009, organized by University College of Engineering, JNTU Kakinada.
6	Attended workshop on “ Embedded systems ” on Oct 2009, organized by S.V.U.College of Engineering, Tirupathi.
	January2011 to December2013
7	Attended workshop on “ Cloud Computing ” on Nov 2011, organized by

	S.V.University, Tirupathi.
8	Attended workshop on “ Advanced Technologies In Industrial Automation ” on Nov 2011, organized by Manipal university, Manipal.
9	Attended ISTE Workshop on “ Basic Electronics ” on June 2011, organized by IIT Bombay.
10	Participated a training programme on “ Instructional Design and Delivery Systems ” on Nov 2011 organized by S.V.U.College of Engineering, Tirupathi.
11	Attended ISTE Workshop on “ introduction to Research Methodologies ” on June 2012, organized by IIT Bombay.
12	Attended workshop on “ Research Methodologies ” on Sept 2012, organized by S.V.U.College of Engineering, Tirupathi.
13	Attended ISTE Workshop on “ Akash for Education ” on Nov 2012, organized by IIT Bombay.
14	Attended ISTE Workshop on “ writing effective conference papers ” on Feb 2012, organized by IIT Bombay.
15	Participated faculty development programme on” Student Outcomes-Based Engineering Education for Enhanced Employability ” on Jan 2013 organized by S.V.U.College of Engineering, Tirupathi.
16	Participated faculty development programme on” VLSI DESIGN FLOW USING SYNOPSYS EDA TOOLS “on April 2013organized by S.V.U.College of Engineering, Tirupathi.
17	Participated in Two- week ISTE Workshop on “Database Management Systems” by IIT Bombay at SVUCE, Tirupati during 21/05/2013 to 31/05/2013.
18	Participated faculty development programme on” Student Outcomes-Based Engineering Education for Enhanced Employability ” on 5 th Jan 2013 organized by S.V.U.College of Engineering, Tirupatii.
	January2014 to till date
19	Attended a two week Faculty Development Programme on “ Foundation skills in information technology(FSIT) ” during 20 th to 30 th January, 2014, organized by Department of EEE, SVUCE, Tirupati.
20	Attended workshop on “ Intellectual property Rights ” on 15/04/2014, sponsored by PIC,APCOST Hyderabad organized by SVUCE, Tirupati.
21	Attended workshop on “ Intellectual property Rights ” on 08/07/2014, organized by SVUCE, Tirupati.
22	Attended workshop on “ Initiatives for quality improvement in Engineering Education ” during15/11/2014 to 16/11/2014, organized by SVUCE, Tirupati.
23	Attended workshop on “ Research & Teaching methodologies in Electrical Engineering ” during11/12/2014 to 12/12/2014, organized by IIT,Hyderabad.
24	Attended workshop on “ Wavelet transforms in signal processing ” during14/03/2015 to 15/03/2015, organized by SVUCE, Tirupati.
25	Attended workshop on “ Management capacity Enhancement Programme ” during 30/03/2015 to 04/04/2015, organized by IIMU, Udaipur.
26	Attended TEQIP-II 1.2 sponsored Faculty Development Programme on “ Intellectual Property Rights (IPR) ” during18/11/2015 to 20/11/2015, organized by SVUCE, S.V.University, Tirupati.
27	Attended National level workshop on “ Electrical CAD ” during 29/07/2016 to

	30/07/2016, organized by SVUCE, Tirupati.
28	Attended a two week Faculty Development Programme on “ Recent Advances In Electrical Engineering Research ” during 20 th February to 2nd March, 2017, organized by Department of EEE, SVUCE, Tirupati.
29	Attended National level workshop on “ SAKSHAM-TEACHING WITH TECHNOLOGY TRAINING ” during 14/09/2018 to 15/07/2018, organized by SVUCE, Tirupati.

19. Conferences and Workshop's Organized:

1. Organized an one day National Level workshop on “**SMART GRID TECHNOLOGIES- ISSUES AND CHALLENGES (SGTIC-11)**” on Aug 2011.
2. Organized a two days National Level Workshop on” **ADVANCES IN POWER SYSTEMS**” on July 2013.
3. Organized a Three days National Level workshop on “**RESEARCH METHODOLOGY AND REPORT WRITING**” during April 21-23 2016 at SVUCE, S. V. University under TEQIP-II 1.2.
4. Organized a Two day seminar on “**CAREER GUIDANCE AND APTITUDE SKILLS(CGAS-2017)**” during 3rd &4th March,2017 at SVUCE, S. V. University under TEQIP-II 1.2.
5. As a liaison Officer of S.V University Celebrated **125th Birth Anniversary of Dr.B.R.Ambedkar**, on **14th April-2016** at **Srinivasa Auditorium**, S V University.
6. As a Dean, Student Career Development & Counselling (SCDC) of S V University Celebrated **126th Birth Anniversary of Dr.B.R.Ambedkar**, on **14th April-2017** at **Srinivasa Auditorium**, S V University.
7. As a Dean, Student Career Development & Counselling (SCDC) of S.V.University organized a three day national workshop on “**Industrial Applications of Electrical Engineering**” on **19th - 21st, July 2018** at S.V.University.
8. As a Dean, Student Career Development & Counselling (SCDC) of S.V.University organized a a two day seminar on “**Role of Digital Technology for National Development**” On **26th and 27th October, 2018** at S.V.University.
9. As a Dean, Student Career Development & Counselling (SCDC) of S.V.University organized an Essay writing Competition on “**Eradicate corruption – Build a New India** “on **2nd November-2018** at S.V.University.
10. As a Dean, Student Career Development & Counselling (SCDC) of S.V.University organized a Programme on “ **Rural Electrification corporation** “on **3rd November-2018** for IIIrd and IV- B.Tech Students of S.V.U.C.E, at S.V.University.
11. As a Dean, Student Career Development & Counselling (SCDC) of S.V.University organized a Programme on “**Unleash the Power of Mind and power of Habits**” for Ist year B.Tech Students of S.V.U.C.E, on **3rd November-2018** at S.V.University.

12. As a Dean, Student Career Development & Counselling (SCDC) of S.V.University organized a Programme on “**Unleash the Power of Mind**” for 2nd year B.Tech Students of S.V.U.C.E, on **3rd November-2018** at S.V.University.

20. Extra CO-Curricular Activities: 02

1. Serving in Institutional Co-curricular activities for students such as field studies/ Educational tours, industry-implant training and placement activity.
2. Students and Staff related socio cultural and sports programs act as **Regular Co-ordinator** Cum **Judge for RAPSODY EVENT -2012**, onwards.

21. Invited for Different National level Events: 10

1. Act as **Judge** for National level Students conference- **SIGMOID2K-12 on 28th January 2012** organized by SVUCE, Tirupati.
2. Serving as a **Regular Organizing Committee Member** for Dept. National level event i.e **SPARX, from 2012** onwards in Department of EEE,S V U College of Engg, Tirupati.
3. Appointed as a **Jury Member** for **National Level Technical Symposium** on March 2013 organized by S.V.P.C.E.T, puttur.
4. Appointed as **Judge** to **adjudge** of the conference on “**NCCECP** ” on **9th Nov 2013**, organized by Dept of EEEE, ASCET, Gudur.
5. Invited as a Chair for “**TECHNO PRAH 2K14**”,3rd National level Technical Symposium 7th March 2014 conducted by GATE INSTITUTE OF TECHNOLOGY Gutti, Ananthapuramu.
6. Attended as a chief Guest and Key note Addresses to the symposium and also acted as Judge for “Technovation-2K14” a National level technical symposium organized by Priyadharshini College of Engineering, Sullurpet held on 10/03/2014.
7. Invited as a Chair for student Symposium in national level technical fest “**PRAYAG-2014**” held on 19-04-2014 organized by ADISANKARA COLLEGE OF ENGINEERING AND TECHNOLOGY.
8. Invited as a Judge for “**Mohan Mantra a National Level Techno Cultural Fest- 2014**” at Sree Vidhyanikethan Educational Institutions Tirupati on 30th Oct 2014.
9. Invited as a Resource person for a three day national workshop on “**MATLAB applications in Electrical & Electronics Engineering**”, during 21st to 23rd July, 2016 organized by Sir Vishveswaraiah Institute Of Science and Technology, Madanapalle, Chittoor dist.
10. Invited as a Resource person for a one week foundation course on “**MATLAB AND LATEX**”, during 5th -9th December, 2016 organized by Department of Electrical Engineering, A U College of Engineering, Andhra University, and Visakhapatnam.

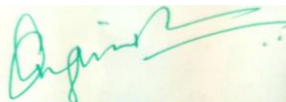
22. Invited for Different International level Events:

1. Invited as a **Session Chair person** in the **International Conference on Energy, Communication, Data Analytics and Soft computing(ICECDS)-2017**, during August 1st -2nd 2017,organized by S.K.R Engineering College, Poonamallee, Tamilnadu.

Declaration:

I declare that to the best of my knowledge and belief the particulars in the form are correct.

Signature of the Teacher



Dr. Ch. CHENGAI AH, M.E., Ph.D.
Professor & Dean (SCDC)
Dept. of Electrical & Electronics Engg.
S.V. University College of Engineering
TIRUPATI - 517 502