

Publication:

International Conferences:

- "ACO implementation for SPV", International E-Conference on Electrical, Communication and Computing (ICECC 2020) – 20th & 21st August 2020.
- "Comparison of dc-dc converter for spv system", International E-Conference on Electrical, Communication and Computing (ICECC 2020) – 20th & 21st August 2020.
- "Control of devices through speech processing", International E-Conference on Electrical, Communication and Computing (ICECC 2020) – 20th & 21st August 2020.
- "Analysis of photo voltaic system under partial shading condition with KY converter", International Conference on Electrical , Electronics & Computer Engineering ICEECE 2015 at Vivekananda College for Engineering for Women, on 11th & 12th
- "Analysis of PMBDC Motor Drive using Z-Source Inverter", International Conference ICECC2014 Organized by Tagore Engineering College on 13th and 14th of March 2014.
- "Experimental analysis of Soft Switched CCM Boost Converter with High Voltage Gain", International Conference - ICECC2014 , on 13th and 14th of March 2014.
- "Implementation of Fuzzy Logic controller to improve Dynamic Performance of DC-DC boost converter", International Conference on "ICECC2014", on 13th and 14th of March 2014.
- "Z – Source Inverter for Drive Application", ICETSET – 2014, 18th and 19th April 2014.

National Conference:

- "Novel Techniques for Solar Photo Voltaic System at Partial Shading Condition", National Conference on Recent Advances in Science, Engineering & Management, NCRASEM - 2020, 05th March 2020.
- "Implementation of CUK Converter to Produce Voltage Controlled PFC for PMBLDCM Drive", National Conference on Recent Advances in Science, Engineering & Management, NCRASEM - 2020, 05th March 2020,
- "Control of Devices through Speech Processing", National Conference on Recent Advances in Science, Engineering & Management, NCRASEM - 2020, 05th March 2020, Tagore Engineering College
- Implementation of ACO techniques in high voltage gain converter for SPV system under partial shading condition", on national conference on renewable power generation

NCRRPG'16 organized by Sree Sastha Institute of Engineering and Technology, on 4th March 2016

- "Application of KY converter in PV system under partial shade condition", on National Conference on Recent Advances in Science, Engineering & Management NCRASEM - 2015 on 20th March 2015.
- "Experimental analyses of permanent magnet brushless dc motor drive using Z - source inverter", National Conference on Recent Advances in Science, Engineering & Management organized by Tagore Engineering College, NCRASEM - 20th March 2015.
- "Analysis of PV system under partial shaded condition with different dc-dc converter", National Conference on Recent Advances in Science, Engineering & Management, NCRASEM -2014
- "Implementation of solar PV panel under partial shading condition using MPPT with novel technique", National Conference on Recent Advances in Science, Engineering & Management, NCRASAM -2014

Journal:

International:

- Sasikala S & Jamuna Venugopal (2017), 'Performance enhancement of photo voltaic system using ant colony optimization modus operandi with high voltage gain boost converter', Journal of Computational and Theoretical Nano science, vol. 14, pp. 4406–4415. Accepted: 7th March, Impact factor: 1.34. SSN: 1546-1955 (Print): EISSN: 1546-1963 (Online)
- Sasikala S, Jamuna Venugopal & Saraya R (2016) "Implementation of ACO Techniques in high voltage gain converter for SPV System under partial shading condition ", I J C T A ©International Science Press, Volume No : 9 (2016) Issue No: 2 (2016) , pp. 809-819 ISSN :2229-6093 - Annexure II and Scopus indexed Journal
- Sasikala S, Jamuna V , Velvizhi J, "String Characteristics Analysis Of PV Panel Using Different Types Of Converter ", has been published on International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.42 (2015) © Research India Publications; pp30775 -30777.(Annexure II)
- Vijayakumar.M, Sasikala S, "Analysis of photovoltaic system under partial shading condition with KY converter", International Journal of Innovative Works in Engineering and

Technology (IJIWET) vol 1.No1 2015 ISSN2455-5797,pp:23-32,2015

- Sasikala S & Jamuna V, "Z - SOURCE INVERTER FOR DRIVE APPLICATIONS", International journal, Applied Mechanics and Materials (Annexure –II), titled, Volume. 622 (2014), PP 205-209.2014

- S.Sasikala, Dr.V.Jamuna, R.Revathi, G.Shanmugapriya , IMPLEMENTATION OF FUZZY LOGIC CONTROLLER TO IMPROVE DYNAMIC PERFORMANCE OF DC-DC BOOST CONVERTER ",International Journal of Scientific & Engineering Research ,118, ISSN 2229-5518, Volume 5,Issue -4, April 2014 , pp118-121.2015:

- Sasikala S, Vijayalakshmi," An Ai Power Saving System Using Sensor", International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 9 No.22 (2014) pp. 6687-6691