

**RESEARCH PUBLICATIONS (INTERNATIONAL JOURNALS)**

1. **Chhagan Lal**, R. S. Sindal and K R Genwa, Role of Ascorbic acid in photogalvanic solar cell containing Crystal Violet DSS System and to study energy efficiency of cell, Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, 34:19, 1815-1824, 2012, From 1815 to 1824.
2. **Chhagan Lal** and K R Genwa, Study of Storage Performance in Photogalvanic Solar Cell composed of Photosensitizer– Sufactant -Reductant system, American Journal of Biological, Chemical & Pharmaceutical sciences, 1(7), 67-80, 2013, 67 to 80
3. **Chhagan Lal** and K R Genwa, Advance successive key for solar energy conversion and storage in oxalic acid-DSS-crystal violet photogalvanic cell system, Journal of Current advance in energy Research (1) 2,55-61,2014, 55 to 61
4. Chandra Mohan<sup>1</sup>, Jenifer Robinson<sup>2</sup>, \*, **Chhagan Lal**, Ajitha Priya Neeraja Jammala<sup>4</sup> and Prem Lata Meena, Sustainable Energy Solutions for Environmental Pollution Control E3S Web of Conferences 511, 01023 (2024) AMGSE-2024 (<https://doi.org/10.1051/e3sconf/202451101023>)

**Poster Presented in International Symposia:**

1. Poster presented in International conference on Frontiers at the chemistry-Allied sciences Interface entitled, “Green tool to convert solar energy in to electrical energy: An photogalvanic solar cell”, organized by Department of Chemistry, University of Rajasthan. 21- 22nd December, 2018.
2. Poster presented in National Seminar on Pure and Applied Chemical Sciences, organized by, Department of Chemistry, JNV University Jodhpur. 10-11th Jan, 2014
3. Poster presented in the National Symposium on "Chemistry and Environment (NSCE- 2013)" organized by Deen Dayal Uppadhaya College, University of Delhi, 22-23 March, 2013
4. Poster presented in the National Symposium on Radiation and photochemistry, organized by Department of Chemistry, JNV University Jodhpur, 10-12th March 2011.

**Contribution in National Conferences Seminars/Workshops: Oral Presentation:**

1. "Solar energy conversion and storage" in the National Seminar on "Recent Advances at Interfaces of physical and life sciences", Department of Chemistry, University of Rajasthan, 6-7th July, 2018.
2. "Renewable energy potential in western Rajasthan" in the international conference on , 21-22 Dec,2018.
- 3."Role of Carbon sequestration to mitigate carbon emission in" National conference on "" 9-10 Oct.2019.
- 4."Carbon sequestration: Alternatives for mitigate global warming"organized by Shri Arbindo College,University of Delhi, 21-22 Oct, 2016.
- 5."Ecofriendly photogalvanic solar cell" in the national conferences onClimate change adaptation & sustainable development,28-29th September, 2016.
- 6."Potential in Rajasthan" in the National Seminar on Disaster mitigation:Challenges for future-2015,organized by All india foundation for peace & Disastermanagement ,24-25,July 2015.
- 7."Educational aspect of Rajasthan" in the National Seminar onHighlights and significance of Rastriya uchchar shiksha abhiyan,1st Feb, 2014
- 8."Technology for solar energy convert in to electrical energy" inNational Conference on Advanceing Frontiers in Biotechnology,Mahila PG Mahavidyalaya,Jodhpur,12-14 March,2012
- 9." Photogalvanic solar enrgy conversion:Electrochemical studies inEDTA-DSSS-Crystal violet system" organized by Mahila PG Mahavidyalaya,Jodhpur,17- 18th,2011
- 10." Analytical aspect of renewable energy sources and its utilization " inthe National Seminar on Analytical Electrochemistry (NSAE-2010),Department of Chemistry,JNV University Jodhpur.

**Attended National:**

1. Attended National Seminar on "Emerging economics and challenges to sustainability towards developing nation "Organized by Sri Aurobindo College, University of Delhi, 29-30th March, 2016.
2. Attended National Seminar on "Geogenic Contamination of Groundwater: Its Impact and Mitigation Strategies (GCG)" Organized by Department of Regional Water Studies, TERI University on 22nd April, 2016.
3. Attended Conference on "Technical terminology and Science teaching, organized by Deen Dayal Uppadhaya College and Commission for Scintific and Technical Terminology, Ministry of Human Resource Development (MHRD), New Delhi from 18-19th September, 2015.
4. Attended Conference on "Technical terminology and Science teaching, organized by Mahila PG Mahavidyalaya and Commission for Scintific and Technical Terminology, Ministry of Human Resource Development (MHRD), New Delhi from 2-3rd March, 2015.
5. Attended National Seminar on "84th Annual Session of the Academy", organized by The National academy of science,India,Held at JNV University,Jodhpur,4-6th December, 2014.
6. Attended National Seminar on "Renewable Energy Sources in India: Challenges and Strategies"held at Institute of Engineers Jodhpur
7. Training program on "Science & Technology (Present & Future)" J.N.V.U Jodhpur (7-12 March,2007) Jodhpur.

8. 95th Indian Science Congress held at Annamalai University, Annamalainagar, VISHAKHAPATANM (Jan 2008).
9. 27th Indian Council Of Chemists held at Gurukul Kangri Vishwavidyalaya, HARIDWAR (Des, 2008).
10. 96th Indian Science Congress held at Shillonge University, SHILLONGE (Jan, 2009).