

List of Publications:

A. Journal

- [1] Dipali Soren, Rowdra Ghatak, R.K.Mishra and D.R.Poddar, "Wideband Sierpinski Carpet Fractal Shaped Cylindrical Dielectric Resonator Antenna for X-band Application," *Journal of Electromagnetic Analysis and Application (JEMAA)*, Vol. 4, no.1, pp.9-14, January'2012.
- [2] Dipali Soren, Rowdra Ghatak, R.K.Mishra and D.R.Poddar, "Investigations on Modified Rectangular Fractal Curve Shaped Dielectric Resonator Antenna," *Journal of RF and Microwave Computer-Aided Engineering (RFMiCAE)*, Vol. 22, no.3, pp.394-401, May'2012.
- [3] Dipali Soren, Rowdra Ghatak, R.K.Mishra and D.R.Poddar, "A broadband Sierpinski Gasket-shaped Triangular Dielectric Resonator Antenna for X-band," *International journal of Signal and Imaging Systems Engineering (IJSISE)*, Vol.6, No. 1, 2013.
- [4] Dipali Soren, Rowdra Ghatak, R.K.Mishra and D.R.Poddar, "Dielectric Resonator Antennas: Design and Advances," *Journal of Progress in Electromagnetic Research B (PIER B)*, Vol. 60, pp.195-213, July'2014.
- [5] Dipali Soren, S. K. Patel, and Lekha Verma, "Revisited Design Techniques of Ultra Wide Band Dielectric Resonator Antenna" *International Journal of Innovative Research in Engineering and Applied Sciences (IJIREAS)*, DOI: 1216/1/2-2/FEB2016. ISSN: 2455-1015.
- [6] Roshni Gupta, Mangal Singh and Dipali Soren, "N-Shape Dielectric Resonator Antenna for Wireless Communication" *i-manager's Journal on Wireless Communication Networks (JWCN)*, Vol. 5, No. 1, April – June 2016 pp. 23-28.
- [7] Lekha Verma, Dipali Soren, Sandhya Pillai and Prashant Shrivastava "Different properties of CdS material: A Review" *International Journal of Recent Engineering Research and Development (IJRERD)*, Vol. 2, Issue No. 03, ISSN : 2455 – 8761, March 2017 pp. 01- 04.
- [8] Lekha Verma, Dipali Soren, Sandhya Pillai and Prashant Shrivastava "Characterization Studies of CdS Nanocrystalline Film Deposited on Teflon Substrate" *International Journal of Latest Technology in Engineering, Management & Applied Science (IJLTEMAS)*, Vol. VI, Issue No. V, May 2017 pp. 68- 70, ISSN : 2278 – 2540.

B. National/ International Conferences

- [1] Dipali Soren, Rowdra Ghatak, R.K.Mishra and D.R.Poddar, "Square shaped DRA for Ultra-Wideband Application," **IEEE Conference proceedings** of IEEE Applied Electromagnetic Conference AEMC 2013, December 18-20, 2013, KIIT University, Bhubaneswar, India.

- [2] Dipali Soren, Rowdra Ghatak, R. K.Mishra and D.R.Poddar, "Revisiting the Design Techniques of Wideband Dielectric Resonator Antennas," Proceedings of 2012 **IEEE Indian Antenna Week** , Workshop on Advanced antenna Technology (IAW), May 27-31, 2012, Hotel Royal Plaza, Gangtok, Sikkim.
- [3] Dipali Soren, Rowdra Ghatak, R.K.Mishra and D.R.Poddar, "A monopole Type Sierpinski Carpet Fractal Patterned Rectangular Dielectric Resonator Antenna for UWB Application," **IEEE Xplore Conference proceedings** of 2011 *IEEE Applied Electromagnetic Conference (AEMC) & 2011 IEEE Indian Antenna Week (IAW)*, December 18-22, 2011, Hyatt Regency, Kolkata, India.
- [4] Dipali Soren, Rowdra Ghatak, R.K.Mishra and D.R.Poddar, "An X-band Sierpinski gasket Fractal-shaped Triangular Dielectric Resonator Antenna," Proceedings of **International Conference** on electronic System (ICES-2011), January 07-09, 2011, NIT, Rourkela, Orissa, India.
- [5] Dipali Soren, Rowdra Ghatak, R.K.Mishra and D.R.Poddar, "A wideband Sierpinski Carpet Fractal Cylindrical Dielectric Resonator Antenna for X-band Application," **IEEE Xplore Conference proceedings** of IEEE Applied Electromagnetic Conference AEMC 2009 and URSI Commission B meeting, December 14-16, 2009, Hyatt Regency, Kolkata, India.
- [6] Dipali Soren, Rowdra Ghatak, R.K.Mishra and D.R.Poddar, "An X-band Sierpinski Carpet Patterned Fractal Dielectric Resonator Antenna," Proceedings of **Silver Jubilee Conference** on Communication Technologies and VLSI design (CommV'09), October 8-10, 2009, VIT University, Vellore, India.
- [7] Dipali Soren, Rowdra Ghatak, R.K.Mishra and D.R.Poddar, "Sierpinski Carpet Fractal Pattern Embedded Multisegment Rectangular Dielectric Resonator Antenna for Wi-max & WLAN Application," Proceedings of **International Symposium** on Microwaves and Millimeter waves: Basics and Technology (ISoMM-09), January 14-16, 2009, Bose Institute, Kolkata, India.
- [8] Dipali Soren, "Microstrip patch Antenna Design and Results," Proceedings of **National Conference** Technologia-2008, March 14-15, 2008, MPCCE & T, Bhilai, Chhattisgarh, India.
- [9] Dipali Soren, "Some Results on Dielectric Slab Antenna," Proceedings of **National Conference** on Broadband communications (BITCON-2007), March 16-17, 2007, Bhilai Institute of Technology, Bhilai House, Durg, India.
- [10] Dipali Soren, "Broadbanding the Microstrip Patch Antenna using Dielectric Resonator," Proceedings of **National Conference** Technologia-2007, March 02-03, 2007, MPCCE & T, Bhilai, Chhattisgarh, India.

- [11]Dipali Soren, "Broadbanding by Reactively Loaded Dielectric Antenna," Proceedings of **National Conference** Technologia-2006, March 04-05, 2006, MPCCE & T, Bhilai, Chhattisgarh, India.
- [12]Dipali Soren, "Role of Electronics in Rural Development," Proceedings of **National Conference** on 'Emerging Trends in Computers and Electronics engineering for Rural Development,' March 04-05, 2006, CSIT, Durg, Chhattisgarh, India.
- [13]Dipali Soren and Kanai Lal kar, "Carbon Nanotubes," Proceedings of **National Workshop** on Nanotechnology, August 27-28, 2005, CSVTU, Bhilai, Chhattisgarh, India.
- [14]Dipali Soren, "Investigations of Dielectric Resonator Antenna mounted in Rectangular Waveguide," Proceedings of **National Conference** Technologia-2005, February 19-20, 2005, MPCCE & T, Bhilai, Chhattisgarh, India.
- [15]Dipali Soren, "Radar and navigational Aids," Proceedings of **National** level Technical Paper Contest & Seminar, March 02-03, 2002, MPCCE & T, Bhilai, Chhattisgarh, India.