

Bio-Data

Name: Nipun Kumar Mishra

Designation: Assistant Professor

Department: Electronics & Communication Engineering,
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Academic Qualification

PhD.	G.G.V. Bilaspur, 2018
M.E.	C.S.V.T.U., Bhilai 2008 80.66 1st (Honours)
B.E.	R.G.P.V., Bhopal 2001

Title of PhD Thesis: Study and Design of Cylindrical Dielectric Resonator Antenna
(A Case Study for X-Band Frequency Applications)

Teaching Experience: 16 year.

Research Interest: Antenna design, Dielectric Resonator Antenna, Wireless communication, Microwave Communication

Publication:

➤ International Journal:	11
➤ International Conference:	15
➤ National Conference:	07

Seminar & Workshop attended: 11

Professional Membership:

- Life Member of Institution of Electronics & Telecommunication Engineers
- Life Member of Institution Indian Society of Telecom Engineers
- Associate Member of Institution of India
- Member of INdian RAdio Science Society

Award: Young Scientist Award by International Academy of Physical Science at International conference CONIAPS-X.

Latest Publications:

In Journals

- 1) Nipun K. Mishra, S. Das & Dinesh K. Vishwakarma, "Beam Steered Linear Array of cylindrical Dielectric Resonator Antenna , AEU, International Journal of Electronics and Communication, Vol. 98, pp. 106-113, 2019.
- 2) Nipun K. Mishra, S. Das & Dinesh K. Vishwakarma, "Wideband High Gain Cylindrical Dielectric Resonator Antenna for X-band Applications", Frequenz - DE GRUTER, Journal of RF-Engineering & Telecommunication, Vol-73 issue 3-4,109-116.
- 3) Nipun K. Mishra, S. Das & Dinesh K. Vishwakarma, "Low Profile circularly Polarized Cylindrical Dielectric Resonator Antenna coupled by L- Shaped resonating slot", Microwave Optical Theory Letter, Wiley, Vol. 59, pp 996-1000, 2017.
- 4) Nipun K. Mishra, S. Das & Dinesh K. Vishwakarma, "Bandwidth enhancement of Cylindrical Dielectric Resonator Antenna using thin dielectric layer fed by resonating slot", Frequenz - DE GRUTER , Journal of RF-Engineering & Telecommunication, Vol. 59, pp 381-388, 2016.
- 5) Robert Mark, **Nipun Mishra**, Kaushik Mandal, Partha Pratim Sarkar, Soma Das, " Hexagonal ring fractal antenna with dumb bell shaped defected ground structure for multiband wireless applications", AEU, International Journal of Electronics and Communication, Vol. 94, pp. 42-50, 2018.
- 6) Robert Mark, **Nipun Mishra**, Kaushik Mandal, Partha Sarkar, Soma Das, " Hexagonal Nested Loop Fractal Antenna for Quad Band Wireless Applications", Frequenz - DE GRUTER, Journal of RF-Engineering & Telecommunication, Vol-73 issue 3-4,99-108, 2019.

In International Conferences

- 1) Nipun K. Mishra & S. Das, "Cylindrical Dielectric Resonator Antenna Array with Beam Steering Capability", URSI-Asia Pacific Radio Science Conference, New Delhi 9-15 March 2019.
- 2) Nipun K. Mishra, S. Das & Dinesh K. Vishwakarma, " Electronically Steerable Phased Array of Cylindrical Antenna ", IEEE international conference, InCAP-2018, Hyderabad, 16-19 December, 2018.
- 3) Nipun K. Mishra, S. Das & Dinesh K. Vishwakarma, " Circularly Polarized Cylindrical Dielectric Resonator Antenna for X-band applications ", IEEE international conference, IAIM-2017, Bangalore, 24-26 November, 2017.
- 4) Nipun K. Mishra & S. Das, "Circularly Polarized Cylindrical Dielectric Resonator Antenna coupled by V-Shaped Resonating slot", IEEE international conference, ICRAIE-2016, Jaipur, 23-25 December, 2016.