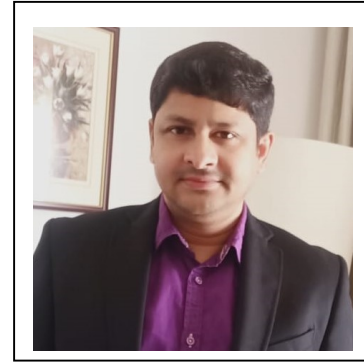


Dr Sanjeev Kumar Mishra, SMIEEE

Institute ID: FP071,
 #B-111, Department of Electronics and Telecommunication
IIIT Bhubaneswar, Government of Odisha
 Gothapatna, Malipada, Bhubaneswar - 751029, Odisha, INDIA
 Phone (Mob): 91-8547853772, (Off) 91-674-2653344.
 E-mail: sanjeev@iiit-bh.ac.in, sanjeeveeibt@gmail.com
<https://sites.google.com/a/iiit-bh.ac.in/electronics-and-telecom/Faculty>
<https://orcid.org/0000-0002-9089-9763>
<https://vidwan.inflibnet.ac.in/profile/55902>
<http://www.scopus.com/authid/detail.url?authorId=55463276300>
<https://sciprofiles.com/profile/2963736>
<https://www.researchgate.net/profile/Sanjeev-Mishra-8>
<https://scholar.google.co.in/citations?user=K8S3T0cAAAAJ&hl=en&oi=ao>

**RESEARCH INTERESTS**

RF & Microwave Circuits and System Design: LNA, Filters, Resonators, **RADAR and Satellite Systems and Subsystems; IoT and Wearable Electronics, Antenna Design:** Microstrip Antennas, DRA, UWB Antennas, Array Antennas, High gain multilayer antennas, MIMO, Beam-forming Antennas; **Microwave Remote Sensing and Sensors:** Radiometry, Characterization of electrical parameters of target using microwave techniques, Back-scattering coefficient, Emissivity & Brightness Temperature; **RF/Microwave Measurements:** Antenna Characterization, Chip Testing, Dielectric Measurements.

EDUCATION

PhD, Electrical Engineering, IIT Bombay, India Aug 2012
Thesis Title: Printed and Metal Plated UWB Antennas for Wireless Communication
 Supervisor: Prof Jayanta Mukherjee

M. Tech., Electronics & Communication, NIST. Biju Patnaik University of Technology, Odisha June 2005
Thesis Title: Characterization of Soils for Passive Microwave Remote Sensing
 Supervisor: Prof O P N Calla, Director, ICRS, Jodhpur, Rajasthan

B.E., Electronics & Telecommunication, OEC, Utkal University, Odisha, India June 2002

PUBLICATIONS

Publications Details		Published	No of Citations more than 1000*
(i) Journals	International	35	IEEE (7), MOTL (6), PIER (10), IJACSP (1), JMPCE [1] IJRFMCAE [3], Elsevier [4], IJMWT (1), IJSEAM (1), MDPI (1)
	National	7	IETE (5), CSIR-IJRSP (1), CSIR IJAP (1)
(ii) Conferences	International	71	IEEE, PIER, URSI etc.
	National	14	InCMARS, Inc-URSI etc.
(iii) Book and Book Chapters		1	Lambert Academic Publishing (LAP), Germany Lambert Academic Publishing (LAP), Germany and Springer
		2	
(iv) Patents [Granted]		2	Patent No: 302835, Patent No: 341129
(v) PhD Thesis Supervision		Awarded [3], Submitted [1], Continuing [2]	
(vi) Projects [Ongoing]		1	
(vii) Invited Talks		10	
(viii) Workshop Coordinator		2+1* (Sponsored by IEEE)	

PROFESSIONAL EXPERIENCE

Tenure	Position Held		Name of the Institute	Profile
Aug 2016- present	Assistant Professor	PB3 15900-39100, 8000 AGP	IIIT Bhubaneswar	Teaching & Research
Jan 2014 - July 2016	Assistant Professor /SC E	PB3 15900-39100, 7600 AGP	Indian Institute of Space Science and Technology (IIST), ISRO, Dept. of Space (DoS), Government of India (GoI)	Research & Teaching
Nov 2012 - Dec 2013	Visiting Faculty	56640		
Dec 2008 - Dec 2008	Lecturer	8000-275-13500	Silicon Institute of Technology, Odisha	Teaching
Dec 2005 - Dec 2007	Scientist 'B'	8000-275-13500	International Centre for Radio Science, Rajasthan	Research & Development

ADMINISTRATIVE EXPERIENCE

- Chairman, NIRF Committee, IIIT Bhubaneswar, July 2022-till date
- PIC, IPR, IIIT Bhubaneswar, April 2023-till date
- Head, R & D Cell, IIIT Bhubaneswar, April 2022-till date.
- PhD Coordinator, IIIT Bhubaneswar, Oct 2022-April 2023
- Coordinator, Department of ETC, IIIT Bhubaneswar, July 2021-July 2022.
- Member, Institute Academic Council, IIIT Bhubaneswar, July 2021-July 2022.
- Member, Conducting Board, IIIT Bhubaneswar, July 2021-July 2022.
- Member, Placement Committee Cell, IIIT Bhubaneswar, July 2017-June 2021.
- Invited as one of the Member of Recruitment Committee, NIELIT, Bhubaneswar, 24th Aug 2023.
- Member, Programme Committee, Odiaprenuer 2023, held at IIIT Bhubaneswar.
- Deputed to attend the meeting on Technical Committee for finalization of Modalities and Mode of Implementation of Hackathon Programme "Odiaprenuer" on 8th Dec 2022.
- Nominated to attend the meeting for implementation of activities approved under Samagra Shiksha & STARS, 2022-2023 on behalf of IIIT Bhubaneswar on 10.11.2022 at 12.30 PM in the Conference Hall of OSEPA.
- Faculty Hostel Warden, IIST [Jan 2013 – July 2016]
- Member, Hostel and Canteen Committee, IIST [Jan 2013 – July 2016]
- Member, Technical Evaluation Committee, RF & Microwave Communication Lab [Anechoic Chamber, Spectrum Analyzer, VNA, Signal Generator, PCB Prototyping Machine], IIST [Jan 2013 – July 2016].
- Coordinator, Comprehensive Viva-Voce, Project, Internship and Training, Avionics [July 2014 – July 2016].
- Faculty In-charge, (B. Tech) RF & Microwave Communication Lab, Avionics, IIST.
- Faculty Mentor, Telemetry and Telecommunication for IIST-Nanosatellite Club, [up to July 2016]
- Technical Program Chair, "THz Technologies: Current Scenario and Future Trends" Organized by Department of Avionics, IIST, 7th Sept 2015.
- Appointed as Micro-Observer for the General Election to HPC 2014.
- Joint Secretary, International & National conferences, organized by International Centre for Radio Science (ICRS), Jodhpur
 - International Conference on Radio Science (ICRS 2008)
 - National Conference on Radio Science (Radio science 2007)
 - International Conference on Microwave, Antenna, Propagation & Remote Sensing (ICMARS 2006)
 - Indian Conference on Microwave, Antenna, Propagation & Remote Sensing (InCMARS-2005)
- Course Coordinator, Short-term Course entitled "Fundamentals of Microwave", for Teachers of Engineering Colleges of Rajasthan, organized by ICRS, Jodhpur, 25th-29th Oct 2006.

AWARDS & RECOGNITIONS

- One of our research papers entitled "Anisotropic Metasurface Inspired Circularly-polarized Monopole Antenna for OFF Body communications" awarded **Smt Ranjana Pal Memorial Award** for the **best student paper** in Wireless, Antenna and Microwave Symposium (**WAMS 2022**) with a cash prize of INR 10,000, a plaque and a certificate.
- No of citations of my recent published work: 970*
- Assigned as M Tech Question Paper Setter, OTR (CET), BPUT, Odisha, July 2022
- Assigned as B Tech Question Paper Setter, BPUT, Odisha, May 2022, Aug 2023
- Assigned as M Tech Question Paper Setter, GIET, Odisha, April 2021
- Invited as Expert approved by BPUT for Thesis Evaluation of M Tech Students, College of Engineering Bhubaneswar [CEB], July 2020.
- Invited as a Jury [Electronics] for Odisha Skills Competition – 2018 organized by Odisha Skill Development Authority (OSDA) at Bhubaneswar, held on 29th- 30th April 2018 at Bhubaneswar.
- Appointed as UG and PG Question Paper Setter, GIET University, Gunupur, Odisha. 2019, 2020, 2021

- Member, Technical Evaluation Committee, Central Instrumentation Centre, Berhampur University, Odisha [Vector Network Analyzer (VNA)], 07th March 2020.
- Assigned as M Tech Question Paper Setter, CET, BPUT, Odisha, April 2019
- Invited as BOS Member in ECE Department, GIET University 06th July 2019.
- Invited as a Guest Expert for the Seminar Competition held on 18th Jan 2019 at GIFT Bhubaneswar.
- Invited as a Member, Advisory board during Second Research Council Meeting held on 29th Nov 2018 at GIFT Bhubaneswar.
- Received IEEE Senior Membership recognition of professional standing by officers and Board of Directors of the IEEE, 25th Feb 2016.
- Got an offer on 21st Dec 2015 for the post of Associate Professor, Electronics Department, VJTI [Veermata Jijabai Technological Institute] Central Technical Institute, Maharashtra, India.
- Subject of Biographical Record in "Marquis Who's Who in the World" in the year 2015 for outstanding research achievement.
- Received SERB-DST Young Scientist award for attending AP-RASC'13, Taipei, Taiwan.
- Received an Offer as Corporate Research Scientist (Postdoctoral Research), Kuang-Chi Institute of Advanced Technology (sponsored by China Govt.) 2012-2014.
- Got recommendation for Best PhD Thesis Award.
- Received CSIR and IIT Bombay research grant for attending PIER 2012, Kuala-lumpur, Malaysia.
- Received IIT Bombay research grant for attending ICMARS-2010, Jodhpur, India.
- Received IIT Bombay TAP fellowship for PhD (Jan 2009-Dec 2012)
- Received "Special Award" for paper presentation in "InCMARS-2005".
- Received Merit Scholarship NRTS and Junior Merit scholarships and prizes for GK, Quiz competitions.

PROFESSIONAL MEMBERSHIPS

- Institute of Electrical and Electronic Engineering (IEEE) (M 92515824),
- Received IEEE Senior Membership, 25th Feb 2016. [SM 92515824]
- IEEE Antenna and Propagation Society (IEEE APS)
- IEEE Microwave Theory and Techniques (IEEE MTT)
- IEEE Geoscience and Remote Sensing Society (IEEE GRSS)
- Broadcast Engineering Society (**BES**) (Life-Member (LM 2417)).

PROFESSIONAL SERVICES

- Finance Chair and Sponsorship Chair, Organizing Committee, 1st International Conference on Advances in Signal Processing, Power, Communication and Computing (ASPPCC 2024), scheduled on 19th-21st Dec 2024.
- Convenor, 3 days' workshop on "Data Science and Machine Learning for Remote Sensing" organized jointly by IIIT Bhubaneswar, IEEE GRSS and IEEE APS at IIIT Bhubaneswar 23rd -25th Jan 2024.
- One of the Workshop Coordinators of 3 days' workshop on "Digital Data and Tools for managing Agriculture focusing on Earth Observation and Climate Change" organized jointly by IIIT Bhubaneswar, International Water Management Institute (IWMI) and IEEE GRSS Kolkata Chapter at IIIT Bhubaneswar 21st -23rd Dec 2023.
- Chair the session, "Advances in Communication Track" Session IV, Track 3, 4th International Conference on Communication, Circuits and Systems (IC3S 2023) KIIT DU, Bhubaneswar, India
- Technical Program Chair, "THz Technology: Current Scenario & Future Trends" organized by Department of Avionics, IIST, 7th Sept 2015.
- Advisory Committee Member, International conference on Telecommunications and Computing (ICTC-2013), Organized by Kavikulguru Institute of Technology and Science, Ramtek, Nagpur, India.
- Technical Advisory Committee Member, International Conference on Engineering Confluence (ICEC) (equinox 2014), Organized by Terna Engineering College, Nerul, Navi Mumbai, India.
- **Reviewer for the following International Journals:** IEEE AWPL (Antennas and Wireless Propagation Letters), IET MAP (Microwave, Antenna & Propagation), PIER (Progress In Electromagnetic Research)

Journal, Journal of Zhejiang University Science C (Computer and Electronics) [ZUSC]. International Journal of Applied Electromagnetics and Mechanics, IETE Technical Journal.

- **Reviewer for the following International Conferences:** IEEE-NCC 2014, ICEDSA 2012, ISWTA2012, ICEOE 2012, ISBEIA 2012, Radio science 2007, ICMARS 2006. CHUSER 2014, ICoSSET 2014, IPCOST 2014, ICNC 2014, ComNeT 2016, IC3S-2023, CCPIS 2023.

PATENTS

1. "Parallel Metal Plated Split U Shape Omni-directional UWB Antenna", [Patent No: 302835], App No 2792/MUM/2011.
2. "High Gain Wide-band Micro-strip FPC Antenna", [Patent No: 341129], Application No 1626/MUM/2011.

CHAPTER IN BOOK PUBLISHED

- BC2. "Theoretical Understanding of Circular Polarization: Case Study of Superstrate-Inspired Monopole Antenna for RF Energy Harvesting Applications", Chapter 8 in "Communication, Networks and Computing (CCIS)", Springer Nature Singapore Pte Ltd, CNC 2020, CCIS Vol 1502, pp. 1-16, 2021.
https://doi.org/10.1007/978-981-16-8896-6_3
- BC1. "Ultrawideband Planar Monopole Antenna", Chapter 8 in "Multilayer Directional and Planar Omnidirectional Antennas", LAP Lambert Academic Publishing, Germany, pp. 139-166, 2011.

BOOK PUBLISHED

Planar UWB Antennas: Design, Analysis and Application, ISBN-13: 978-3-659-25195-5, Sanjeev Kumar Mishra and Jayanta Mukherjee, LAP Lambert Academic Publishing, Germany, Sept 2012. **Cited by 4.**

PhD Scholars

1. Umamani Subudhi "**Efficient Estimation of Power Quality Disturbances Using Adaptive Filters**", **Awarded** in 2020.
2. Priya Ranjan Meher, "**Broadband DRAs Design for Diverse Wireless Applications**", Awarded on 9th May 2022.
3. Bikash Ranjan Behera, "**Metasurface inspired Monopole Antenna Designs for Efficient RF Energy Harvesting Systems**", defended his PhD Seminar on 17th Feb 2023.
4. Nibash Kumar Sahu, "**Design and Development of Metasurface Inspired Dual Band Dual Circularly Polarized Monopole Antennas for WBAN Applications**", Defend his thesis on 19th Feb 2024.

No of PhD Thesis Examined: 1

RESEARCH PROJECTS

Project Title	Period	Granting Agency	Responsibility	Granted Amount
Energy Efficient Mesh Architecture Based Indigenous Neuromorphic Processor for Extreme Edge IoT Applications	2023-2028	MeiTy	Co-PI	96 Lacs
Printed UWB-MIMO Antenna with Polarization Diversity	June 2014-Dec 2016	IIST	PI	In house
To Study and Establish the Methodology of the Complex Dielectric Constant of Snow at Microwave Frequencies	23.05.2006 22.05.2007	SASE, DRDO	Co-investigator (Scientist B)	9.96Lacs
Determination of Surface and Sub-Surface Water Content using Microwave Techniques	08.02-2005- 07.02.2006	DTRL, DRDO	Co-investigator (Scientist B)	9.95Lacs
Measurement of Dielectric Constant of Dielectric Materials at S-Band	01.03.20052 8.02.2006	RCI, DRDO	Co-investigator (Scientist B)	9.96Lacs
To Study and Establish Methodology for Measurement of Complex Dielectric Constant of Solids at Microwave Frequencies for Radome Application	22.04.2005 21.04.2006	RCI, DRDO	Co-investigator (Scientist B)	9.96Lacs

LIST OF PUBLICATIONS

JOURNALS

142. Bikash R. Behera, Sanjeev K. Mishra, Mohammed H. Alsharif, Peerapong Uthansakul and Monthippa Uthansakul, A metasurface-inspired printed monopole antenna for 5G and RF energy harvesting

- application, Engineering Science and Technology, an International Journal 51 [JESTECH-Elsevier], Feb 2024. <https://doi.org/10.1016/j.jestech.2024.101638>
141. Nibash Kumar Sahu, Naresh Chandra Naik, Madhab Chandra Tripathy, and Sanjeev Kumar Mishra, "A Review of the Advancement of Metasurfaces in Wearable Antenna Design for off -Body Communications," Progress In Electromagnetics Research B, Vol. 104, 91-108, 2024. [doi:10.2528/PIERB23111504](https://doi.org/10.2528/PIERB23111504)
140. Priya Ranjan Meher, **Sanjeev Kumar Mishra** and Md Ahsan Halimi, "A Low-Profile Compact Broadband CP DRA for RF Energy Harvesting Applications", IETE Journal of Research, July 2023. <https://doi.org/10.1080/03772063.2023.2237469>
139. Bikash Ranjan Behera, Sanjeev Kumar Mishra, Mohammed H Alsharif, and Abu Jahid, "Reconfigurable Antennas for RF Energy Harvesting Applications: Current Trends, Challenges, & Solution from Design Perspective", Electronics 12[MDPI], No (12): 2723, June 2023. <https://doi.org/10.3390/electronics12122723>
138. Priya Ranjan Meher, and **Sanjeev Kumar Mishra**, "Design and Development of Mathematical Equivalent Circuit Model of Broadband Circularly Polarized Semi-Annular Ring-Shaped Monopole Antenna", Progress in Electromagnetics Research, PIER C, Vol. 129, pp 73-87, 2023. [doi:10.2528/PIERC22120909](https://doi.org/10.2528/PIERC22120909)
137. Priya Ranjan Meher, Abhiram Cholleti, and **Sanjeev Kumar Mishra**, "State of the Art of Nanoantenna Designs in Infrared and Visible Regions: An Application Oriented Review", IETE Technical Review, Vol 40, No 5, pp 671-693, 2023. [published online Dec 2022]. [doi:10.1080/02564602.2022.2152881](https://doi.org/10.1080/02564602.2022.2152881)
136. Nibash Kumar Sahu, and **Sanjeev Kumar Mishra**, "Polarization Converting Metasurface Inspired Dual Band Dual Circularly Polarized Monopole Antennas for OFF Body Communications", IEEE Antennas and Wireless Propagation Letters, V 22, Issue 1, pp 194-198, Jan 2023. [10.1109/LAWP.2022.3206913](https://doi.org/10.1109/LAWP.2022.3206913)
135. Bikash R. Behera, **Sanjeev K. Mishra**. Investigation of a high-gain and broad- -band circularly polarized monopole antenna for RF energy harvesting application, Cambridge-International Journal of Microwave and Wireless Technologies, September 2022. [10.1017/S1759078722000988](https://doi.org/10.1017/S1759078722000988)
134. Bikash R. Behera, **Sanjeev K. Mishra**. A single-layered metasurface inspired broadband polarization reconfigurable printed monopole antenna for hybrid wire- -less applications, AEUE-International Journal of Electronics and Communications (Elsevier), Vol 156, November 2022. DOI: [10.1016/j.aeue.2022.154405](https://doi.org/10.1016/j.aeue.2022.154405)
133. Nibash Kumar Sahu, and **Sanjeev Kumar Mishra**, "Compact Dual-band Dual-polarized Monopole Antennas using Via-free Metasurfaces for OFF Body Communications", IEEE Antennas and Wireless Propagation Letters, V 21, Issue 7, pp 1358-1362, July 2022. **Cited by 1**. [DOI: 10.1109/LAWP.2022.3167849](https://doi.org/10.1109/LAWP.2022.3167849).
132. Nibash Kumar Sahu, and **Sanjeev Kumar Mishra**, "Cavity Model Analysis of Dual Polarized Microstrip Antennas for Wireless Body Area Network Applications", International Journal of System Assurance Engineering and Management, pp 1-8, Jan 2022. **Cited by 1**. <https://doi.org/10.1007/s13198-021-01591-0>
131. Nibash Kumar Sahu, and **Sanjeev Kumar Mishra**, "Analysis of Omnidirectional Antenna using Cavity Model", IETE Journal of Research, Vol 58, Issue 5, pp 429-434, Aug 2021. <https://doi.org/10.1080/03772063.2021.1962748>
130. Nibash Kumar Sahu, and **Sanjeev Kumar Mishra**, "A Compact Low SAR and High Gain Circularly Polarized AMC Integrated Monopole Antenna for WBAN Applications", Progress in Electromagnetics Research C [PIER C], Vol 113, PP 211-226, July 2021. <http://www.jpier.org/PIERC/pier.php?paper=21051702>, [doi:10.2528/PIERC21051702](https://doi.org/10.2528/PIERC21051702)
129. Priya Ranjan Meher, Bikash Ranjan Behera, **Sanjeev Kumar Mishra**, and Ayman Abdulhadi Althuwayb, "Design and Analysis of a Compact Circularly Polarized DRA for Off-Body Communications", AEU-International Journal of Electronics and Communications, [Elsevier], Vol 138, PP 1-7, June 2021. [I.F.: 2.924]. **Cited by 5** <https://doi.org/10.1016/j.aeue.2021.153880>
128. Bikash Ranjan Behera, Priya Ranjan Meher, and **Sanjeev Kumar Mishra**, "Metasurface Superstrate Inspired Printed Monopole Antenna for RF Energy Harvesting Application", Progress In Electromagnetics Research C [PIER C], Vol 120, PP 119-133, Feb 2021. **Cited by 6** <http://www.jpier.org/PIERC/pier.php?paper=21011405>, [doi:10.2528/PIERC21011405](https://doi.org/10.2528/PIERC21011405)
127. Priya Ranjan Meher, Bikash Ranjan Behera, **Sanjeev Kumar Mishra**, and Ayman Abdulhadi Althuwayb, "A Chronological Review of Circularly Polarized Dielectric Resonator Antenna: Design and Developments", International Journal of RF and Microwave Computer-Aided Engineering, [IJRFMCAE (Wiley)], Feb 2021. [I.F.: 1.528]. <https://doi.org/10.1002/mmce.22589>
126. Priya Ranjan Meher, Bikash Ranjan Behera, and **Sanjeev Kumar Mishra**, "A Compact Circularly Polarized Cubic DRA with Unit-step Feed for Bluetooth /ISM /Wi-Fi /Wi-MAX Applications", AEU-International Journal of Electronics and Communications, [Elsevier], Vol 128, PP 1-8, Jan 2021. [I.F.: 2.924]. **Cited by 6** <https://doi.org/10.1016/j.aeue.2020.153521>
125. Priya Ranjan Meher, Bikash Ranjan Behera and **Sanjeev Kumar Mishra**, "Broadband circularly polarized edge feed rectangular dielectric resonator antenna using effective glue-less technique", Microwave and Optical Technology [MOTL] Letters, Vol 62, PP 3333-3341, Oct 2020. [I.F.: 0.957]. **Cited by 8** <https://doi.org/10.1002/mop.32439>
124. Bikash Ranjan Behera, P Srikanth, Priya Ranjan Meher, and **Sanjeev Kumar Mishra**, "A compact broadband circularly polarized printed monopole antenna using twin parasitic conducting strips and rectangular metasurface for RF energy harvesting application", AEU-International Journal of Electronics and Communications, [Elsevier], Vol 120, PP 1-10, June 2020. **Cited by 9** [I.F.: 2.924].

- <https://doi.org/10.1016/j.aeue.2020.153233>
723. Priya Ranjan Meher, Bikash Ranjan Behera, and **Sanjeev Kumar Mishra**, "Design and its State-of-the-Art of Different Shaped DRAs at Millimeter-Wave Frequency Band", *International Journal of RF and Microwave Computer-Aided Engineering*, [IJRFMCAE (Wiley)], Vol 30, Issue 7, July 2020. [I.F.: 1.528]. **Cited by 8**
<https://doi.org/10.1002/mmce.22221>
722. Umamani Subudhi, Harish Sahoo and **Sanjeev Kumar Mishra**, "Adaptive Three Phase Estimation of Sequence Components and Frequency Using Sparse Model Based H_∞ Filter", *Journal of Modern Power System and Clean Energy*, Vol 8, No 5, PP 981-990, Sept 2020. [I.F.: 3.090]. **Cited by 2**
[10.35833/MPCE.2018.000440](https://doi.org/10.35833/MPCE.2018.000440)
721. Bikash Ranjan Behera, Priya Ranjan Meher, and **Sanjeev Kumar Mishra**, "Microwave Antennas-An Intrinsic Part of RF Energy Harvesting Systems: A Contingent Study about its Design Methodologies and State-of-Art Technologies in Current Scenario", *International Journal of RF and Microwave Computer-Aided Engineering*, [IJRFMCAE (Wiley)], Vol 30, Issue 5, PP 1-27, May 2020. **Cited by 13** [I.F.: 1.528].
<https://onlinelibrary.wiley.com/doi/pdf/10.1002/mmce.22148>
720. J Mahanta, Priya Ranjan Meher, Bikash Ranjan Behera and **Sanjeev Kumar Mishra**, "A Circularly Polarized Hybrid Plasmonic Nanoantenna", *Microwave and Optical Technology [MOTL] Letters*, V 62, Issue 1, PP 278-283, Aug 2019. [I.F.: 0.933]. **Citation: 4.** <https://doi.org/10.1002/mop.32003>
719. Harish Sahoo, Umamani Subudhi, and **Sanjeev Kumar Mishra**, "Tracking of Power Quality Disturbances using Sparse Model based extended Kalman Filters", *International Journal of Adaptive Control and Signal Process*, PP 1489-1507, Sept/Oct 2018. [I.F.: 2.239], DOI: 10.1002/acs.2925
<https://onlinelibrary.wiley.com/doi/epdf/10.1002/acs.2925>
718. Umamani Subudhi, Harish Sahoo, and **Sanjeev Kumar Mishra**, "Harmonics and Decaying DC Estimation using Volterra LMS/F Algorithm", *IEEE Transactions on Industry Applications*, Vol 54, No 2, PP 1108-1118, March 2018. **Cited by 28** [I.F.: 2.937]. <http://ieeexplore.ieee.org/document/8141934/>
717. Femina Beegum S and **Sanjeev K Mishra**, "Compact WLAN Band-notched Printed Ultrawideband MIMO Antenna with Polarization Diversity", *Progress In Electromagnetics Research [PIER C]*, Vol. 61, pp 149-159, 2016. **Cited by 19**, [I.F.: 5.3]. <http://www.jpier.org/PIERC/pier.php?paper=15111104>
716. G S Reddy, A Kama, S. Kharche, J. Mukherjee and **Sanjeev K Mishra** "Cross-Configured Directional UWB Antennas for Multidirectional Pattern Diversity Characteristics", *IEEE Transactions on Antennas and Propagation*, V 63, NO. 2, pp 853-858, 2015. **Cited by 37** [I.F.: 2.459].
<http://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=6987284>
715. A Vaidya, R K Gupta, **Sanjeev K Mishra**, and J. Mukherjee, "Right-Hand / Left-Hand Circularly Polarized High Gain Antennas using Partially Reflective Surfaces", *IEEE Antennas and Wireless Propagation Letters*, Vol. 13, pp 431-434, 2014. [I.F.: 1.579], **Cited by 69**.
http://ieeexplore.ieee.org/xpl/freeabs_all.jsp?arnumber=6750069
714. G S Reddy, A Kama, **Sanjeev K Mishra**, and J. Mukherjee, "Compact Bluetooth/UWB Dual-Band Planar Antenna with Quadruple Band-Notch Characteristics", *IEEE Antennas and Wireless Propagation Letters*, Vol. 13, pp 872-875, 2014. [I.F.: 1.579], **Cited by 55**.
<http://xplorebcipaz.ieee.org/stamp/stamp.jsp?tp=&arnumber=6807651>
713. G. S. Reddy, A. Chittora, S. Kharche, **Sanjeev K Mishra**, and J. Mukherjee, "Bluetooth/UWB dual-band planar diversity antenna with WiMAX and WLAN band-notch characteristics", *Progress In Electromagnetics Research PIER B*, Vol. 54, pp 303-319, 2013. [I.F.: 5.3], **Cited by 13**.
<http://www.jpier.org/PIERB/pierb54/16.13080404.pdf>
712. **Sanjeev K Mishra** and Jayanta Mukherjee "Compact Printed Dual Band-notched U-shape UWB Antenna", *Progress In Electromagnetics Research Journal, PIER C*, Vol. 27, pp 169-181, 2012. [I.F.: 5.3], **Cited by 53**. <http://www.jpier.org/PIERC/pierc27/13.12010909.pdf>
711. G. Shrikanth Reddy, **Sanjeev K Mishra**, Shilpa Kharche, Jayanta Mukherjee, "High Gain and Low Cross-Polar Compact Printed Elliptical Monopole UWB Antenna Loaded with Partial Ground and Parasitic Patches", *Progress In Electromagnetics Research B, PIER B*, Vol. 43, pp 151-167, 2012. [I.F.: 5.3], **Cited by 31**. <http://www.jpier.org/PIERB/pierb43/09.12070206.pdf>
710. Avinash R Vaidya, Rajiv K Gupta, **Sanjeev K Mishra** and Jayanta Mukherjee, "High-gain Low Side-lobe Level Fabry-perot Cavity Antenna with Feed Patch Array", *Progress In Electromagnetics Research Journal, PIER C*, Vol. 28, pp 223-238, 2012. [I.F.: 5.3], **Cited by 14**.
<http://www.jpier.org/PIERC/pierc28/17.12031503.pdf>
709. Avinash R Vaidya, Rajiv K Gupta, **Sanjeev K Mishra** and Jayanta Mukherjee, "Efficient, High Gain with Low Side Lobe Level Antenna Structures using Parasitic Patches on Multilayer Superstrate", *Microwave and Optical Technology Letter*, Vol. 54, No 6, pp. 1488-1493, June 2012. [I.F.: 0.568], **Cited by 21**.
<https://onlinelibrary.wiley.com/doi/10.1002/mop.26818/pdf>
708. **Sanjeev K Mishra**, Rajiv K Gupta, Avinash R Vaidya and Jayanta Mukherjee, "Low-Cost, Compact Printed Circular Monopole UWB Antenna with 3.5/5.5GHz Dual Band Notched Characteristics", *Microwave and Optical Technology Letter*, Vol. 54, No 1, pp. 242-246, Jan 2012. [I.F.: 0.568], **Cited by 14**.
<https://onlinelibrary.wiley.com/doi/10.1002/mop.26457/pdf>
707. **Sanjeev K Mishra**, Rajiv K Gupta, Avinash R Vaidya and Jayanta Mukherjee, "Printed Fork shaped Dual Band Antenna for Bluetooth and UWB Applications with WLAN Band Notch Characteristics", *Progress In Electromagnetics Research Journal, PIER C*, Vol. 22, pp 195-210, July 2011. [I.F.: 5.3], **Cited by 55**. <http://www.jpier.org/PIERC/pierc22/16.11053006.pdf>
706. **Sanjeev K Mishra**, Rajiv K Gupta, Avinash R Vaidya and Jayanta Mukherjee, "Printed Fork shaped Dual Band Antenna for Bluetooth and UWB Applications", *IEEE Antennas and Wireless Propagation Letters*, Vol. 10, pp 627-630, July 2011. [I.F.: 1.579], **Cited by 177**.
<http://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=05876297>
705. **Sanjeev K Mishra**, Rajiv K Gupta and Jayanta Mukherjee, "A Simple U-Shaped Printed Ultra-Wideband Antenna with WLAN Band Rejection", *Microwave and Optical Technology Letters*, vol. 53, No. 7, pp. 1645-1649, July 2011. [I.F.: 0.568], **Cited by 4**.
<http://onlinelibrary.wiley.com/doi/10.1002/mop.26091/pdf>

14. **Sanjeev K Mishra**, Rajiv K Gupta and Jayanta Mukherjee, "Parallel Metal Plated Tuning Fork Shaped Omnidirectional Monopole Antenna for UWB Application", *Microwave and Optical Technology Letters*, Vol. 53, No 3, pp. 601-604, March 2011. [I.F.: 0.568], **Cited by 28**.
<http://onlinelibrary.wiley.com/doi/10.1002/mop.25786/pdf>
13. **Sanjeev K Mishra**, Rajiv K Gupta, Avinash R Vaidya and Jayanta Mukherjee, "1×3 Microstrip Line Fed Metal Plated Split U-Shape Omnidirectional Ultra-Wideband Monopole Antenna", *IETE Journal of Research*, Vol 58, Issue 5, pp 429-434, Sep-Oct 2012. [I.F.: 0.189], **Cited by 3**.
http://www.ir.ietejournals.org/temp/IETEJRes585429-1468569_040445.pdf
12. O P N Calla, **Sanjeev K Mishra**, Dinesh Bohra, Nitin Khandelwal, Paritosh Kalla, Charu Sharma, Neha Gathania, Naveen Bohra and Saurabh Shukla, "Design a Tunable Cavity Resonator for Complex Permittivity Measurement of Low-loss Material at L Band (2.2GHz-2.3GHz)", *Indian Journal of Pure and Applied Physics (IJPAP- NISCAIR-CSIR)*, Vol 46 (2), pp 134-138, Feb 2008. [I.F.: 0.711], **Cited 5**.
<http://nopr.niscair.res.in/bitstream/123456789/538/1/IJPAP%2046%282%29%20%282008%29%20134-138.pdf>
11. O P N Calla, Dinesh Bohra, **Sanjeev K Mishra**, M.Alam, D.Hazarika, L.Ramawat "Effect of Microwave Radiation on the Electrical Parameters of Soil", *Indian Journal of Radio & Space Physics (IJRSP-NISCAIR-CSIR)*, Vol 36, pp 229-233, June 2007. **Cited by 9**.
<http://nopr.niscair.res.in/bitstream/123456789/2839/1/IJRSP%2036%283%29%20229-233.pdf>

CONFERENCES [Selected Publications out of 85]

1. Bikash Ranjan Behera, Nibash Kumar Sahu, and Sanjeev K Mishra, "Proximity Coupled Wideband Rectangular Microstrip Antenna for RF Energy Harvesting" International Conference on Circuits, Power, and Intelligent Systems (CCPPIS), 2023, Bhubaneswar, India, 1st – 3rd Sept 2023.
2. Nibash Kumar Sahu, Naresh Chandra Naik, Bikash Ranjan Behera, M C Tripathy and Sanjeev K Mishra, "Polarization Converting Metasurface Inspired Circularly-polarized Antenna for OFF Body Communications" International Conference on Circuits, Power, and Intelligent Systems (CCPPIS), 2023, Bhubaneswar, India, 1st – 3rd Sept 2023. <https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=10291564>
3. Bikash Ranjan Behera and Sanjeev K Mishra, "Proximity Coupled Wideband Rectangular Microstrip Antenna for RF Energy Harvesting" 2022 URSI Regional Conference on Radio Science (URSI-RCRS 2022), Commission B: Fields and Waves, B01: Antenna theory, design, and measurement, IIT Indore, India, 1st – 4th Dec 2022.
4. Bikash Ranjan Behera and Sanjeev K Mishra, "Investigation of a Broadband Circularly Polarized Printed Monopole Antenna for RF Energy Harvesting Application" 2022 URSI Regional Conference on Radio Science (URSI-RCRS 2022), Commission B: Fields and Waves, B01: Antenna theory, design, and measurement, IIT Indore, India, 1st – 4th Dec 2022. https://www.ursi.org/proceedings/2022/RCRS2022/papers/URSI-RCRS_2022_Summary_Paper_Template.pdf
5. Priya Ranjan Meher and Sanjeev K Mishra, "RDRAs Design using different Feeding Techniques and their Mode Analysis" 14th International Conference on Antenna Test & Measurement Society (ATMS-2022), Indore, India, 21st -23rd July 2022.
6. Abhiram Reddy Cholleti, Priya Ranjan Meher and Sanjeev K Mishra, "Design and analysis of dipole nanoantenna for optical S-band applications" 14th International Conference on Antenna Test & Measurement Society (ATMS-2022), Indore India, July 2022.
7. Nibash Kumar Sahu and Sanjeev K Mishra, "Anisotropic Metasurface Inspired Circularly-polarized Monopole Antenna for OFF Body communications" awarded the "Smt Ranjana Pal Memorial Award for **best Student paper** in Wireless, Antenna and Microwave Symposium (WAMS 2022), held at NIT Rourkela, India, 5th – 8th June 2022. [with a cash prize of INR 10,000, a plaque and a certificate]
8. Bikash Kumar Behera and Sanjeev K Mishra, "A High-Gain Polarization Reconfigurable Printed Monopole Antenna for RF Energy Harvesting Application" in Wireless, Antenna and Microwave Symposium (WAMS 2022), India, 5th – 8th June 2022.
9. Nibash Kumar Sahu and **Sanjeev K Mishra**, "Cavity model analysis of dual polarized microstrip antennas" 13th International Conference on Antenna Test & Measurement Society (ATMS-2021), India, Virtual Platform, 25th – 27th Feb 2021.
10. Bikash Ranjan Behera, Priya Ranjan Meher and **Sanjeev Kumar Mishra**, "Theoretical understanding of circular polarization: Case study of the superstrate-inspired monopole antenna for RF energy harvesting applications", 2nd International Conference on Communication Networks and Computing (CNC-2019), Gwalior, India, March 26-28, 2020.
11. Femina Beegum S and **Sanjeev K Mishra**, "Comparison of CPW and MSL Feed UWB Circular Printed Microstrip Monopole Antennas" 12th International Conference on Antenna Test & Measurement Society (ATMS-2019), Chennai, India, PP 78-81, 25th – 27th July 2019.
12. Jyotirmaya Mohanta, Priyaranjan Meher, and **Sanjeev Kumar Mishra**, "Nano-antennas using Single and Double Isolated Layer Graphene for Mid-infrared Applications", 41st 2019 Photonics & Electromagnetics Research Symposium Spring (PIERS – SPRING) (PIERS 2019)", PP 4292-4299, Rome, Italy, 17th – 20th June 2019. <https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=9017471>
13. Priyaranjan Meher, Bikash Ranjan Behera, **Sanjeev Kumar Mishra**, "Broadband Circularly Polarized Cylindrical Dielectric Resonator Antenna", TEQIP III Sponsored International conference on Microwave Integrated Circuits, Photonics and Wireless Networks-2019 (IMICPW-2019), pp 524-528, NIT Trichi, India, 24th-26th May 2019. **Cited by 1**.
14. P Srikanth, Bikash Ranjan Behera, and **Sanjeev Kumar Mishra**, "Compact Y-Shaped circularly polarized monopole antenna for wideband applications", 1st International conference on Advances in Electrical and Computer Technologies 2019 (ICAET-2019), Coimbatore, India, 26th -27th April 2019.
15. Abhishek Dwivedi, Abhishek Samal, Bikash Ranjan Behera, and **Sanjeev Kumar Mishra**, "Proximity Coupled Wideband Rectangular Microstrip Antenna for RF Energy Harvesting", IEEE International Conference on Vision Towards Emerging Trends in Communication and Networking (VITECoN'19)", VIT, Vellore, India, 30th -31st March 2019.

16. Bikash Ranjan Behera, Priya Ranjan Meher, and **Sanjeev Kumar Mishra**, "Compact and Efficient Printed Monopole Antenna with Broadband Circular Polarization", IEEE 6th International conference on "Signal Processing & Integrated Networks (SPIN-2019)", New Delhi, India, PP 1147-1152, 7th -9th March 2019. **Cited by 3** <https://ieeexplore.ieee.org/document/8711743>
17. Priya Ranjan Meher, Bikash Ranjan Behera, **Sanjeev Kumar Mishra**, "Design of Different Shaped DRAs for 60 GHz Millimeter-wave Applications", 2018 IEEE Indian Conference on Antennas and Propagation (InCAP), Hyderabad, India, 16th -19th Dec 2018. **Cited by 10** <https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=8770785>
18. Jyotirmaya Mohanta, Priyaranjan Meher, **Sanjeev Kumar Mishra**, "Hybrid Plasmonic Waveguide Fed L-Shaped Optical Nanoantenna for Nanophotonic Applications" Paper ID-270, Photonics 2018, IIT Delhi, India, 12th -15th Dec 2018.
19. Bikash Ranjan Behera, Priya Ranjan Meher, and **Sanjeev Kumar Mishra**, "Efficient Printed Monopole Antenna Designs Based on EM Optimization Techniques", IEEE International conference on "Applied Electromagnetics, Signal Processing & Communication" (AESPC-2018), Bhubaneswar, India, 22nd -24th October 2018.
20. Priya Ranjan Meher, Bikash Ranjan Behera, **Sanjeev Kumar Mishra**, "A Comparative Study of CMPA and CDRA at X-Band", IEEE International Conference on Recent Innovations in Electrical, Electronics & Communication Engineering (ICRIEECE 2018), pp 504-508, Bhubaneswar, India, 27th -28th July 2018. <https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=9008471>
21. Femina Beegum S and **Sanjeev K Mishra**, "Frequency, Time and Spatial Domain Analysis of WLAN Band-Notched Compact Printed Floral-Shape UWB Monopole Antenna" 12th International Conference on Microwave, Antenna, Propagation & Remote Sensing (ICMARS-2017), Jodhpur, India, pp 26-31, 15th-17th February 2017. **Cited by 1**
22. Braj Gopal Solanki, and **Sanjeev Kumar Mishra**, "Multi-Band Antenna Design for Mobile Handset", IEEE International Conference on Antenna Innovations and Modern Technologies (iAIM-2017), Bangalore, India, 24th -26th November 2017.
23. Ruchi Pandey and **Sanjeev Kumar Mishra**, "WLAN Band-Notched Printed UWB Monopole Antenna For Wireless Communication Systems", IEEE International Conference on Antenna Innovations and Modern Technologies (iAIM-2017), Bangalore, India, 24th -26th November 2017.
24. Femina Beegum S and **Sanjeev K Mishra**, "Spectral, Temporal and Spatial Domain Analysis of a Compact Floral-Shaped UWB Monopole Antenna", IEEE International Conference on Microwave, Optical and Communication Engineering [ICMOCE 2015], Bhubaneswar, India, PP 268-271, 18th-20th December 2015. **Cited by 2.** <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=7489743>
25. **Sanjeev K Mishra**, and Jayanta Mukherjee, "Integrated Bluetooth and UWB antenna with WiMAX-WLAN Band-notched Characteristics", 2013 Asia Pacific Radio Science Conference (AP-RASC'13), Taipei, Taiwan, 3-7 Sept 2013.
26. Avinash R Vaidya, **Sanjeev K Mishra**, and Jayanta Mukherjee, "High-Gain Broad-Band Planar Antennas with Feed Patch Array and Partially Reflective Surfaces", IEEE-19th Asia-Pacific Conference on Communications (APCC 2013), Bali, Indonesia, pp 709- 714, August 2013.
27. **Sanjeev K Mishra**, and Jayanta Mukherjee, "WLAN Band-Notched Printed U-Shape UWB Antenna", IEEE International Conference on Signal Processing and Communications, SPCOM 2012, Bangalore, India, pp 1-5, 22nd -25th July 2012. **Cited by 5.** <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6290025>
28. Avinash R Vaidya, **Sanjeev K Mishra**, Rajiv K Gupta, and Jayanta Mukherjee, "Efficient High Gain Wideband Antenna with Circular Array of Square Parasitic Patches", IEEE Asia-Pacific Conference on Antennas and Propagation (APCAP2012), Singapore, pp 39-40, 27-29 Aug 2012. **Cited by 1.** <http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=6333147>
29. Anil Kamma, Shrikanth Reddy, **Sanjeev K Mishra** and Jayanta Mukherjee, "Printed Band - notched U shaped Ultra Wide Band Antenna with Modified Split Ring Resonator", IEEE Asia-Pacific Conference on Antennas and Propagation (APCAP2012), Singapore, pp 251-252, 27-29 Aug 2012. **Cited by 2,** <http://ieeexplore.ieee.org/xpl/login.jsp?tp=&arnumber=6333232>
30. **Sanjeev K Mishra**, Rajiv K Gupta, Avinash R Vaidya and Jayanta Mukherjee, "Parallel Metal Plated U-Shape Ultra-wide Band Antenna with WLAN Band-Notched Characteristics", 31st Progress in Electromagnetics Research Symposium (PIERS 2012), Kuala Lumpur, Malaysia, PIERS Proceedings, pp 1846-1851, 27th-30th March 2012. <http://piers.org/piersproceedings/piers2012KualalumpurProc.php>
31. Avinash R Vaidya, Rajiv K Gupta, **Sanjeev K Mishra** and Jayanta Mukherjee, "Low Cost, Efficient, High Gain and Wideband Microstrip Antenna Fed Yagi Array in Fabry-Perot Cavity", 31st Progress in Electromagnetics Research Symposium (PIERS), Kuala Lumpur, Malaysia, PIERS Proceedings, pp 1841-1845, 27th-30th March 2012. **Cited by 7** <http://piers.org/piersproceedings/piers2012KualalumpurProc.php>
32. Avinash R Vaidya, Rajiv K Gupta, **Sanjeev K Mishra** and Jayanta Mukherjee, "Effect of Superstrate Height on Gain of MSA Fed Fabry Perot Cavity Antenna", IEEE Loughborough Antennas and Propagation Conference (LAPC), U.K., pp 1-4, Nov 2011. **Cited by 8.** <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6114018>
33. **Sanjeev K Mishra**, Rajiv K Gupta and Jayanta Mukherjee, "Printed U-shaped Monopole Antenna for UWB Applications", International Conference on Microwave, Antenna and Remote Sensing (ICMARS 2010), Jodhpur, India, 14th -17th Dec 2010.
34. **Sanjeev K Mishra**, Rajiv K Gupta and Jayanta Mukherjee, "Effect of Substrate Material on Radiation Characteristics of an UWB Antenna", IEEE Loughborough Antennas and Propagation Conference (LAPC), U.K., pp 157-160, Nov 2010. **Cited by 13.** <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=566623>.
35. O P N Calla, Dinesh Bohra, **Sanjeev K Mishra** and Rajesh Vyas, "Study of Emission and Scattering behavior of ice at frequency 35.6GHz", International Workshop on Snow, Ice Glacier and Avalanches, Centre of Studies in Resources Engineering, IIT Bombay, Mumbai, India, Jan 7-9, 2008, pp 77-83, January 7-9, 2008.

36. O P N Calla, **Sanjeev K Mishra**, Dinesh Bohra, "Measurement of Dielectric Constant of Ice at R band using Free Space Method", *4th International Conference on Radio Science (ICRS-2008)*, pp 345-352, February 27-29, 2008. http://www.radioscience.org/all_publicised_papers.php
37. O P N Calla, Dinesh Bohra, **Sanjeev K Mishra**, Rohit Jangid, "Measurement of Emitted Noise Power of different Targets at 11 GHz using improvised Ground-based Radiometer Systems", *4th International Conference on Radio Science (ICRS-2008)*, pp 60, February 27-29, 2008.
38. O P N Calla, Dinesh Bohra, **Sanjeev K Mishra**, Rajesh Vyas, K C Harit, Kapil Saraswat, Sumeet Ranga and Sunil Singh Chaudhary, "Calibration of Ground-based Scatterometer at X Band", *4th International Conference on Radio Science (ICRS-2008)*, pp 62, February 27-29, 2008.
39. O P N Calla, K.C. Harit, Rajesh Vyas, Dinesh Bohra, **Sanjeev K Mishra**, "Comparison of Measured Scattering Coefficient of Dry Soil at X-band with the Scattering Coefficient estimated using the Dielectric Constant", *International Geo-science and Remote Sensing Symposium (IEEE-IGARSS-2007)*, Barcelona, Spain, pp 3135-3137, July 23-27, 2007. **Cited by 4**
<http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=4423509>
40. O P N Calla, S D Vyas, R K Tiwari, K C Harit, Dinesh Bohra, Rajesh Vyas and **Sanjeev K Mishra**, "Study of Patterns at Microwave Frequency in presence of Metal Screen", *3rd International Conference on Microwave, Antenna, Propagation & Remote Sensing (ICMARS-2006)*, pp 301-305, Dec 20-22, 2006.
41. O P N Calla, Dinesh Bohra, **Sanjeev K Mishra**, Abhishek Shrimali, Hitesh Modi, Puran Singh Panwar, "Study of Effect of Metal Foils on Direct Microwave Link", *3rd International Conference on Microwave, Antenna, Propagation & Remote Sensing (ICMARS-2006)*, pp 306-308, December 20-22, 2006.
42. O P N Calla, **Sanjeev K Mishra**, Dinesh Bohra and Rajesh Vyas, "Measurement of Dielectric Constant of ICE at 35 GHz", *3rd International Conference on Microwave, Antenna, Propagation & Remote Sensing (ICMARS-2006)*, pp 309-314, December 20-22, 2006.
43. O P N Calla, Dinesh Bohra, **Sanjeev K Mishra**, Abhishek Shrimali, Ashish Purohit, Hitesh Modi, Puran Singh Panwar, "Study of Effect of Wire Mesh on Microwave Link", *3rd International Conference on Microwave, Antenna, Propagation & Remote Sensing (ICMARS-2006)*, December 20-22, 2006.
44. O P N Calla, K.C. Harit, Rajesh Vyas, Dinesh Bohra, **Sanjeev K Mishra**, Narayankrishan Vyas, Prashant Thanvi, "Measurement of Dielectric Constant of Dry and Wet Soil at X-band", *3rd International Conference on Microwave, Antenna, Propagation & Remote Sensing (ICMARS-2006)*, December 20-22, 2006.
45. O P N Calla, **Sanjeev K Mishra**, O P Acharya and K C Harit, "Comparison of the Soil Moisture obtained directly from Radiometer and the estimated Soil Moisture from Measured Dielectric Constant", *XXVIIIth General Assembly of International Union of Remote Sensing (URSI GA-2005)*, Commission F, October 23-29, 2005. <http://www.ursi.org/Proceedings/ProcGA05/pdf/F06P.1%2801589%29.pdf>
46. O P N Calla, **Sanjeev K Mishra** and O P Acharya, "Fusion of Passive and Active Microwave Sensors Data for Enhancement of Geophysical Feature", *XXVIIIth General Assembly of International Union of Remote Sensing (URSI GA-2005)*, Commission F, October 23-29, 2005.
<http://ursi.org/Proceedings/ProcGA05/pdf/F08.10%2801534%29.pdf>
47. O P N Calla, O P Acharya, **Sanjeev K Mishra** and K C Harit, "Estimation of the Scattering Coefficient at Microwave Frequencies of Dry and Wet soils of India using Measured values of Dielectric Constant and relating the same with the Constituents of the Soil", *XXVIIIth General Assembly of International Union of Remote Sensing (URSI GA-2005)*, Commission F, October 23-29, 2005.
<http://www.ursi.org/Proceedings/ProcGA05/pdf/F05P.1%2801588%29.pdf>
48. O P N Calla, **Sanjeev K Mishra** and O P Acharya, "Measurements of Complex permittivity of Dry Soils using Wave-guide Cell Method", *2nd International Conference on Microwave, Antenna, Propagation & Remote Sensing (ICMARS-2004)*, November 23-25, 2004, Session 2, pp 56-59.
49. O P N Calla, **Sanjeev K Mishra** and K.C. Harit "Study of Emission behavior of Dry Soils with respect to their Physical Constituents", *2nd International Conference on Microwave, Antenna, Propagation & Remote Sensing (ICMARS-2004)*, November 23-25, 2004, Session 10, pp 348-353.

Invited Talks [Selected]

1. "Satellite Communications-Antennas", CEP Course on "Signal Analysis and Data Extraction", ELSEC, Defense Electronics Research Lab, Hyderabad, India, 19th Dec 2017.
2. "Antennas for Wireless Communication Systems", AICTE Sponsored Seminar on "Emerging Trends in Communication and Computing" at COEB, Bhubaneswar, 22nd Dec 2017.
3. "mm Wave Communication: Issues, Challenges and Techniques", AICTE QIP Sponsored Short term course on "Wireless Communications: Issues, Challenges and Techniques (WCICT-2018)" at VSSUT Burla, 28th April 2018 [23rd to 28th April 2018].
4. "Issues and Challenges in Antenna Design for Modern Communication Wireless System", Two days Workshop at GIET Gunupur, 5th to 6th Oct 2018.
5. "Microstrip Antenna Design for Modern Communication Wireless System", IETE sponsored Two days Workshop at GIFT Bhubaneswar, 29th Dec 2018. [29th Dec 2018 to 5th Jan 2019].
6. "Ultrawide band Antennas" FDP on "Antenna Design and Troubleshooting" held at Pillai College of Engineering (PCE), Mumbai on 6th June 2020.
7. "Small & Flexible Antennas" and "Directional Antennas for IoT" AICTE sponsored online STTP on "Design and Simulation of Miniature Antennas for IoT Applications (DSMAIA-2020)" held at Maharaj Vijayaram Ganapathi Raj College of Engineering (MVGR), Vizianagaram, Andhra Pradesh on 3rd July 2020 [29th June to 4th July 2020].
8. "UWB Antennas with band-notched characteristics for wireless communication" AICTE sponsored STTP on "Antenna Design and Analysis using Mathematical Solvers" held at Aditya Institute of Technology and Management (AITAM), Srikakulam, Andhra Pradesh on 28th July 2020 [27th July to 1st Aug 2020].
9. "Directional Antennas for IoT" TEQIP sponsored STTP on recent trends in "RF Technology for 5G and IoT-RTRT 2020 held at SVNIT, Surat on 13th Oct 2020. [12th -16th 2020].
10. "Design and Simulation of Miniature Antennas for IoT Applications" DST SERB sponsored offline workshop on "Design and Simulation of Miniature Antennas using Machine-learning for IoT

Applications (DASAMIA-2023)" with association with IETE, Visakhapatnam held at Maharaj Vijayaram Ganapathi Raj College of Engineering (MVGR), Vizianagaram, Andhra Pradesh on 6th June 2023 [5th June to 10th June 2023].

Workshop Attended

1. Pre-Conference workshop on "RCS of Antenna Analysis using different Theoretical and Experimental Techniques" in the 4th International Conference on Microwave, Antenna, Propagation and Remote Sensing [ICMARS 2010] organized during 25th -26th Feb 2008 at Jodhpur, India.
2. MHRD-AICTE sponsored 10days Workshop entitled "Recent Trends in Antenna Technology", organized by ETV/ECE Department, NITTTR (National Institute of Technical Teachers' Training and Research) at KIIT University, Bhubaneswar, India, 28.07.2008-08.08.2008.
3. Continuing Education Programme sponsored QIP short Term Course entitled "RF and Microwave Fundamentals for Modern Electronics Systems", organized by IIT Kharagpur at Kharagpur, India, 22.12.2008-28.12.2008.
4. Pre-Conference workshop on "Polarimetric Radar" in the 6th International Conference on Microwave, Antenna, Propagation and Remote Sensing [ICMARS 2010] organized during 14th -17th Dec 2010 at Jodhpur, India.
5. International Summer and Winter Term Course entitled "High Power Microwaves", organized by IIT Kharagpur at Kharagpur, India, 08.12.2014-18.12.2014.
6. Entuple Technologies sponsored 3 days' online FDP on the theme "5G & VNA measurements with Live demonstration using Anritsu Instruments", from 28.06.2021-30.06.2021.
7. AICTE sponsored 5 days' online FDP on the theme "Including Universal Human Values in Technical Education", organized by AICTE from 06.06.2022-10.06.2022. [AICTE/FDP-SI/Online Workshop/201/136627].
8. IEEE sponsored 3 days' online FDP on the theme "5G Wireless Communication Technology", organized by IEEE from 28.07.2022-30.07.2022.
9. 3 days' workshop on National Board of Accreditation (NBA) organized by BPUT, Odisha at College of IT & Management Education (CIME), Bhubaneswar on 22nd -24th Aug 2023.
10. 3 days' workshop on "Digital Data and Tools for managing Agriculture focusing on Earth Observation and Climate Change" organized jointly by IIIT Bhubaneswar, International Water Management Institute (IWMI) and IEEE GRSS Kolkata Chapter at IIIT Bhubaneswar 21st -23rd Dec 2023.

TECHNICAL SKILLS

- Electromagnetic Software: IE3D, HFSS, CST, ADS. EDA Tools - PSPICE, Tanner tool, MATLAB.
- Programming Languages - VHDL, C, C++. Assembly Languages - 8085, 8051
- Antenna measurements, Probe station with RF probes up to 40GHz, VNA, Spectrum Analyzer, Power Meter.

PERSONAL DETAILS

Father's Name: Shri Laxmidhar Mishra Mother's Name: Smt. Sulochana Mishra
Nationality/ Religion: Indian/ Hindu Marital status/ Sex/ DOB: Married/ Male/ 20-05-1980
Permanent Address: AT/P.O.-Hatsahi, Dist: - Balasore, Odisha, PIN-756040.

REFERENCE

Prof. O.P.N.Calla
Director, International Center for Radio Science (ICRS),
Plot no 1, Rano Ji Ka Bagh, Khokariya Bera, Nayapura,
Mandore, Jodhpur - 342304, Rajasthan, India
Email: opnc06@gmail.com , director@radioscience.org
Phone: 0291- 2571030 (O), Fax: 0291-2571390
Mobile: +91 94141 30666

Prof. Jayanta Mukherjee
Professor, Electrical Engineering
IIT Bombay. Powai, Mumbai-400076, Maharashtra
Email: jayanta@ee.iitb.ac.in
Phone: 022-25767479 (O), Fax: 022-25723707
Mobile: +91 9220972147

Dr N. Selvaganesan
Professor, Department of Avionics
Indian Institute of Space Science and Technology
(IIST), Department of Space, Government of India
Valiamala, Thiruvananthapuram - 695 547, Kerala,
INDIA, Email: n_selvag@iist.ac.in
Phone(off):+91-471-2568456,(Mob): +91 9446060698

Prof. Girish Kumar
Professor, Electrical Engineering
I.I.T Bombay, Powai, Mumbai 400076
E mail: gkumar@ee.iitb.ac.in
Phone: 022-25767436 (O), Fax: 022-25723707
Mob: +91 9820134672

Prof Ashish Ghosh
Professor and Director, IIIT Bhubaneswar
Gothapatna, Bhubaneswar - 751003, Odisha, INDIA,
Email: ashisi@gmail.com
Phone(off): +91-674-2563304,
(Mob): +91 9831761370

-----"