

DEPARTMENT OF PG STUDIES AND RESEARCH IN PHYSICS

Conference Papers

Sl. No.	Name of Author/s	Title of the Paper	National/ International	Year of Publication	Details of the Conference	Paper web link (if available)
01	Pooja Mallinath, Nagbasavanna Sharanappa, Rakesh and Roopa Swaminath.	Exploring the Structural and Functional Properties of Polyaniline-Ferrite Composites Synthesized Using Ammonium Dichromate	International	2025	International conference on Pure and Applied Sciences (IConPAS-2K25) Sharnbasva University Kalaburagi	
02	Nagbasavanna Sharanappa, Pooja Mallinath, Revati Biradar, Roopa Maga, Rakesh Mallinath, Swaraj Kinagi, Vidyadhara, Shivasharanappa Mulgi, Anilkumar Bidve, Shweta Sharanabasappa & Vaishnavi	Morphological, Structural and Electrical Properties Studies of Modified Polyaniline	International	2025	International conference on Pure and Applied Sciences (IConPAS-2K25) Sharnbasva University Kalaburagi	
03	Premavani, B. Satyanarayana, S. N. Mulgi	Orthogonally polarized diversified UWB MIMO antenna with on-demand 5G-n77/n78 band rejection characteristics	International	2023	Proc. of Int. Conf. on "Recent Trends in Advanced Materials" ISBN:978-81-965446-0-7	www.jabincollege.com
04	Premavani, B. Satyanarayana, S. N. Mulgi	Design of 2x2 MIMO antenna with simple decoupling strip for UWB applications	International	2023	Proc. of Nat. Seminar on "Interdisciplinary National Seminar 2023", ISBN:978-93-91772-15-4	http://seadegree.ac.in

05	Jagadeesh Patil and Dr. S. N. Mulgi	An Experimental Studies on Non-Isolated Boost Converter with Series Voltage Multiplier Cells for Green Energy Sources	National	2023	Proc. of National Conference on Advances in Electronics, Communication and Computing (NCAECC-2023). ISBN: 978-93-5890-881-7.	-
06	Pooja Mallinath, Abhishek, Gurunath L.N, Nagbasavanna Sharanappa	"Role of oxidizing agent on ferrites doped polyaniline"	National	2023	108 th Indian science congress held at Rashtrasant Tukadoji Maharaja Nagpur university, Nagpur, Maharashtra from January 3 to 7, 2023.	
07	Pooja Mallinath, Abhishek, Gurunath L. N., Nagbasavanna Sharanappa	Synthesis and Dielectric Properties Study of Nickel Ferrite Doped Polyaniline	National	2022	"Recent Advances in Nanotechnology (RAN-2K22)" during 9 th and 10 th March 2022 organized by Department of P.G. Studies and Research in Physics in Association with Karnataka Science and Technology Academy, Sharnbasva university Kalaburagi.	
08	Jagadish Patil, Dr. S. N. Mulgi	Experimental studies on how MAGRAV coil increases the electrical system efficiency by using plasmatic field science	International	2020	Proceedings of KSTA Sponsored International Conference on Physics and Allied Science (ICPAS-2020), B.V.B College, Bidar. ISBN: 978-93-5406-213-1	http://www.kuvempu.ac.in
09	Biradar Rajendra, S. N. Mulgi	Tunable monopole circular microstrip antenna for low frequency microwave applications with switchable notch functions	International	2020	Proceedings of KSTA Sponsored International Conference on Physics and Allied Science (ICPAS-2020), B.V.B College, Bidar. ISBN: 978-93-5406-213-1	https://www.bvbccollegebidar
10	Basawaraj Patne, Nagraj Kulkarni, S. N. Mulgi	Square monopole microstrip antenna for dual band operation	International	2020	Proceedings of KSTA Sponsored International Conference on Physics and Allied Science (ICPAS-2020), B.V.B College, Bidar	https://www.bvbccollegebidar

					ISBN:978-93-5406-213-1	
11	Basawaraj Patne, Nagraj Kulkarni, S. N. Mulgi	Inverted U-slot square monopole microstrip antenna	International	2020	Proceedings of KSTA Sponsored International Conference on Physics and Allied Science (ICPAS-2020), B.V.B College, Bidar. ISBN: 978-93-5406-213-1	https://www.bvbcollegebidar
12	Biradar Rajendra, S. N. Mulgi	Tunable monopole circular microstrip antenna with noth band for GSM, LTE and UMTS with applications of GPS, LTE, Wi-Fi, WLAN, Wi-Max and FCC ID	International	2019	Proceedings of International Conference on innovative in Electronics and Communication (ICINEC-2019), DOE, KU, Simoga, ISBN: 978-93-83985-20-3	http://www.kuvempu.ac.in https://doi.org/10.26438/ijcse/v7i5.12321236
13	Basawaraj Patne, Nagarj Kulkarni, S. N. Mulgi	Slot loaded square monopole microstrip antenna for WLAN applications	International	2019	Proceedings of International Conference on innovative in Electronics and Communication (ICINEC-2019), DOE, KU, Simoga. ISBN: 978-93-83985-20-3	http://www.kuvempu.ac.in