



Prof. Dr. Chitte Hemant Keshav
HOD, Department of Physics

SATISH PRADHAN DNYANASADHANA
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Department	:	Physics	
Name of the Faculty	:	Prof. Dr. Chitte Hemant Keshav	
Designation	:	Professor	
Qualification/s	:	M.Sc., Ph. D	
Email ID	:	hkchitte@yahoo.co.in	
Years of Experience	:	UG:36	
Thrust Area (Subject Interest)	:	Conducting Polymers	
Details of Paper Presented	:	1	Synthesis and Characterization of conducting polypyrrole by gamma radiation
		2	Synthesis and Characterization of Polymeric Composites Embedded with Silver Nano particles
Details of Publication	:	3	Synthesis of polypyrrole using FeCl ₃ as Oxidants Together with some Dopants for use in gas sensors
		4	Synthesis of polypyrrole using APS as Oxidants Together with some Dopants for use in gas sensors
Details of Patent	:	5	Preparation of Polypyrrole (Ppy) With Oxidant Like Ammonium Per Sulphate (APS) and Dopants Like Lithium Per Chlorate (LiClO ₄) and Test Its Electrical Conducting Behaviour With Temperature Variations
		6	Stability of a star against radial motion according to Newton theory

Details of Seminar/Workshop/Conferences/Symposia attained	:	7	ELECTROMECHANICAL PROPERTIES OF CONDUCTIVE FABRICS FOR DEVELOPMENT OF SMART MATERIALS
		8	A STUDY ON IMPACT OF ICT (INFORMATION AND COMMUNICATION TECHNOLOGY) ON SUSTAINABILITY OF CO-OPERATIVE BANKS IN THANE REGION
Details of Book Authored	:	9	Comparative Study of Synthesis of Polypyrrole Using Chemical Polymerization Technique and Plasma polymerization
		10	Preparation of Polymer based sensor for the detection of environmentally harmful gases like Ethanol (C ₂ H ₅ OH), Based on conjugated polymer like Polypyrrole
No. of Research Scholar Registered	:	11	Utilization of Fly Ash in Industrial Applications for Controlling Environmental Pollution
		12	Synthesis and Characterization of Polypyrrole Synthesized via Different Routes using KMnO ₄ as Oxidant
No. of Research Scholar Awarded Degree	:	13	FIVE LAWS OF LIBRARY SCIENCE AND INFORMATION LITERACY
		14	Study on Comparative analysis of Polymerization of pyrrole using Electrochemical method and UV Photo irradiation.
		15	Impact of dopants Like NSA and P-TS on characteristics of Polymers synthesized using APS as Oxidants
		16	Simple electronic Circuit for measuring Electrical Conductivity of Conducting Polymer Transducers
Details of Projects	:	"Nanotechnology of Conducting Polymers with a view to develop Biosensor"	
		"Conducting Polymers for the development of molecular electronic devices"	
Experience on the various Committees at the University	:	"Characterization of polypyrrole prepared by Plasma polymerization method and electrochemical method a	

of Mumbai		Comparative study and its use as a sensors.”
Experience on the various Committees at College	:	Examination committee 3 years Certificate courses 3 years Research promotion 2 years NSS 15 years Art circle 5 years Sports 5 years Unfair means committee 3 years