



**Pimpri Chinchwad Education Trust's
Pimpri Chinchwad College of Engineering & Research
Ravet, Pune**



Academic Year: 2021 - 22

Faculty Profile



Name of Faculty:	Dr. Priti Ghutepatil		
Qualification :	M.Sc. Chemistry (Ph.D.)		
Designation :	Assistant professor		
Department :	Applied Science		
Date of Joining :	01/10/2022		
Experience :	Teaching : 7 years Industry: Research:		
Research Areas / Area of Specialization	Nanotechnology (Cancer Therapy)		
Courses / Subjects Taken:	Engineering Chemistry		
IPR :	Title	Docker No./ Diary No.	Registered /Filed
	-	-	-
Research Publications :	-	-	-
Journal Publications:	Year	Title of Paper	Published in
	2022	1.Design of monodispersed PVP functionalized biocompatible manganese ferrite nanoparticles for hyperthermia application	Materials Today: Proceedings (Scopus)
	2019	2.APTES (3-aminopropyltriethoxy silane) functionalized MnFe ₂ O ₄ nanoparticles: a potential material for magnetic fluid hyperthermia	Chemical Papers (Scopus)
	2019	3.Surface Functionalization of MnFe ₂ O ₄ Nanoparticles with Ethylenediamine for Hyperthermia Application	Asian Journal of Chemistry (Scopus)
	2019	4.Structural, Morphological, Magnetic and Self-Heating Studies of One-Step Polyol Synthesized Manganese Ferrite (MnFe ₂ O ₄) Nanoparticles	International Journal of Nanoscience (Scopus)
	2018	5.Multisynthesis chemical routes of magnetic nanoparticles for variety of biomedical applications	J. Front. Int. Res. Tech. Develop.

	2016	6.Magneto-separation of genomic deoxyribose nucleic acid using pH responsive Fe ₃ O ₄ @silica@chitosan nanoparticles in biological samples	RSC Advances (Scopus)
Conference Publications:	Year	Title of Paper	Published in
	2022	PVP functionalized biocompatible manganese ferrite nanoparticles for hyperthermia application	ICETMT -2022 on 10th Feb 2022
	2022	Environmental applications of nanomaterials	Vidhyabharati International Interdisciplinary Research Journal
	2021	Co-Curricular Activity Based Online Schooling	ICIS-2021

Books Publication:	Surface functionalization of MNPs for Magnetic Hyperthermia Therapy (Book Chapter- Nova Science).
Profile Link :	Scopus Profile: Google Scholar Profile: Orchid Profile: https://orcid.org/0000-0001-6419-2118
H –Index:	-
Product Developed/model:	NIL
Certifications :	NIL
Awards/Appreciation/Achievements:	Awarded Ph.D. degree in 2019.
Membership:	-
Industrial Training :	-
Resource Person /Expert Session/Jury Invited:	-
Workshop/FDP/STTP attended(more than a Week):	1. Paradigm Shift in Higher Education Institutes: Opportunities and Challenges 2. Unbox research and beyond research - What Next. 3. Recent Trends in Artificial Intelligence, IoT and Data Analytics 4. Innovations in Applied Research for Science and Technology 5. Recent and Emerging Trends in Information Technology 6. Cognitive Technical Skills for Technical Skills For Modern Classroom Delivery
Event Organized Inter department/Inter college/ Other recognized Industry/IIT's/NPTEL/SPOKE N TUTORIAL/ etc. :	-
Event Organized in Department:	-
University level appointments:	Evaluation at SPPU examination INSEM and END SEM Exams
Administrative Duties:	Member of Research and development, Admission committee member
Academics Duties:	PBL Incharge, Class teacher , Mentor, Member of art circle
Any Other	Submitted One Book Chapter to Nova Science Publisher, New York.

