

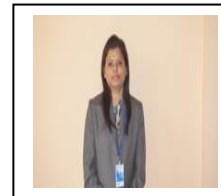


**Pimpri Chinchwad Education Trust's
Pimpri Chinchwad College of Engineering & Research
Ravet, Pune**



Academic Year: 2021 - 22

Faculty Profile



Name of Faculty:	DEEPSHIKHA SHRIVASTAVA		
Qualification :	M.TECH (CONTROL SYSTEMS)-Electrical , Ph.D Pursuing		
Designation :	Assistant Professor		
Department :	First Year Engineering		
Date of Joining :	26-7-2014		
Experience :	Teaching : 8 year ,Industry: Nil, Research:-Nil		
Research Areas / Area of Specialization	Control Systems , Renewable Energy		
Courses / Subjects Taken:	Basic Electrical Engineering , Electrical & Electronics Engineering .		
IPR :	Title	Docker No./ Diary No.	Registered /Filed
	Biometric Authentication for Pen drive.	L-73498/2018	Registered
	Photo luminescence band for path detector in tunnel and airport runway.	L-75148/2018	Registered
	Online Mock Engineering CET Exam And College Predictor.	SW-10876/2018	Registered
	Linear induction motor .	L-104884/2021	Registered
	Need & type of starter .	L-104883/2021	Registered
	Roller mechanism to clean duster and wet sponge for cleaning the black board.	201921052237	filed
	Jaw coupling with spherical ball Power transmitting element .	201921052386	Under examination
	Cleaning and Dust Collection Mechanism from Door Mate .	202121023622	filed
Research Publications :			
Journal Publications:	Year	Title of Paper	Published in
	2013-14	Sensor-less Speed estimation of induction motor	Technical Journal of Institution of Engineers vol. No.37.
	2015-16	Dc-link voltage compensation of zsi fed IM for Electric vehicles	Transactions on engineering and sciences.
	2016-17	Application of soft computing in electrical Engineering	International journal of engineering research & technology

	2020-21	Optimization of battery parameters for automotive applications	Suraj Punj Journal For Multidisciplinary Research, Vol.11, Issue No.5
	2020-21	Real Time Estimation and Monitoring of Battery Parameters	International Journal of Scientific Research in Engineering and Management , Vol 5, Issue No.5
Conference Publications:	Year	Title of Paper	Published in
	2012-13	Sensor less direct torque control for induction Motor.	International Conference (ICAET-2013).
Books Publication:	Nil		
Profile Link :	Google Scholar Profile: https://scholar.google.com/citations?view_op=new_profile&hl=en Orchid Profile: https://orcid.org/0000-0003-2470-1736		
H –Index:	1		
Product Developed/model :	Guided Students for projects – e-commerce Website Development, GESCO , IOT Smart light .Home automation , Drill powered saw.		
Certifications :	NPTEL Course in “Smart Grids “ in 2018-19		
Awards/Appreciation/Achievements:	1. Received Best Teacher Award – for Academic Year 2016-17 . 2. Received Best Teacher Award – for Academic Year 2020-21. 3. Appointed as a member of an editorial board for journal of blue eyes intelligence engineering and sciences publication for year 2021-22.		
Membership:	QCFI Membership		
Industrial Training :	Nil		
Resource Person /Expert Session/Jury Invited:	1. Delivered session on power plant engineering for B.E-Mechanical students at PCCOER , Ravet 2. Jury for the Techno-Spark Project competition 2020 organized by PCCOER , Ravet		
Workshop/FDP/STTP attended(more than a Week):	1. Attended latex workshop under TEQIP at COEP Pune. 2. Attended FDP workshop on control estimations under TEQIP at COEP Pune. 3. one week certificate course on digital teaching techniques. 4. one week course on research methodologies. 5. one week STTP On DSP, Arduino and C/Python. 6. one week STTP On Recent advances in EV technologies. 7. Attended One week FDP On Human values organized by AICTE.		
Event Organized Inter department/Inter college/ Other recognized Industry/IIT's/NPTEL/SPOKE N TUTORIAL/ etc. :	1. Conducted 8 days hands on workshop on Electric Vehicles . 2. Annual Social gathering member. 3. Induction Programme for F.E Students in Term-I & Term-II .		

	4.CIPCIS 2021 – Conference on Intellectual Property, Patents, Copyrights, Innovations and Startups- Member
Event Organized in Department:	<p>1.Member of Workshop Organized on Engineering Mathematics-III for Polytechnic Students.</p> <p>2. Member of One day faculty orientation Programme for revised syllabus implementation workshop of Physics (2019) collaboration with SPPU .</p> <p>3. Successfully Organized Activities and Events for Induction program from 2014-15 Till 2020-21.</p> <p>4. Member of Parents meet Organized by F.E. Department .</p>
University level appointments:	CAP Appointments
Administrative Duties:	<p>1.Auto expo fair 2015 ,2016, 2018 .</p> <p>2. national conference industry institute interaction 2016.</p> <p>3.Admission committee member .</p>
Academics Duties:	<p>1. Incharge for departmental examination (15-16 to 18-19), campus beautification (15-16 to 18-19).</p> <p>2. Member of website , soft skills, women grievance cell , Branding and promotion , staff development cell ,Higher Studies Cell ,IQAC .</p> <p>3. Lab in-charge of basic electrical engineering lab.</p> <p>4. Incharge of MOM , DAB , Events attended at department level .</p> <p>5.Subject Incharge of Basic Electrical Engineering. (20-21)</p>
Any Other	<p>1 .Received Gold medal for being topper in all the four years of engineering (B.E)</p> <p>2.Coordinated actively various activities and events in college at department and college level both .</p> <p>3.MOU signed for First year engineering department with S. S. Engineering services & Consultant .</p>