



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



**Academic Year:** 2021 - 22

**Faculty Profile**



<b>Name of Faculty:</b>	Mr. Shital Anant Patil		
<b>Qualification :</b>	M. Sc. (IIT Bombay), NET - JRF		
<b>Designation :</b>	Assistant Professor		
<b>Department :</b>	First Year Engineering		
<b>Date of Joining :</b>	21 <sup>st</sup> July, 2014		
<b>Experience :</b>	<b>Teaching : 15 Yrs</b> <b>Industry: Nil</b> <b>Research: Nil</b>		
<b>Research Areas / Area of Specialization</b>	Applied Mathematics :- Partial Differential Equation, Fluid Dynamics, Fractional Differential Equation		
<b>Courses / Subjects Taken:</b>	Engineering Mathematics-I Engineering Mathematics-II Engineering Mathematics-III		
<b>IPR :</b>	<b>Title</b>	<b>Docker No./ Diary No.</b>	<b>Registered /Filed</b>
	Automated Vending Machine for Public Distribution System		Filed
	Water Saving Pipe System for Purifiers and Other Excessive Water		Filed
	Bench with Advance Locker System Containing Finger Print Sensor		Filed
	A Guide for Engineering College and Branch Selection	<b>10358/2021-CO/L</b>	Filed
<b>Research Publications :</b>			
<b>Conference Publications:</b>	<b>Year</b>	<b>Title of Paper</b>	<b>Published in</b>
	2020	Applications of First Order First Degree Differential Equation	Technospark 2020 @ PCCOE&R

<b>Books Publication:</b>	<b>1)</b> Engineering Mathematics I; Technical Publication; ISBN No 978 93 89180 20 6 <b>2)</b> Engineering Mathematics II; Technical Publication; ISBN No 978 93 89750 034 <b>3)</b> Engineering Mathematics III for Mechanical Engineering; Technical Publication; ISBN No 9789 3904 0596 <b>4)</b> Engineering Mathematics III for Civil Engineering; Technical Publication; ISBN No 9789 3332 21689 <b>5)</b> Engineering Mathematics III for Computer Engineering; Technical Publication; ISBN No 9789 3904 50657
<b>Profile Link :</b>	<b>Scopus Profile:</b> <b>Google Scholar Profile:</b> <b>Orchid Profile:</b>
<b>H -Index:</b>	
<b>Product /PBL Model Developed :</b>	<b>1)</b> Flood Warning System <b>2)</b> Power Saving using Solar Panel And Sensor <b>3)</b> Smart Trash Can
<b>Certifications :</b>	<b>"Certified Internal Auditor"</b> for ISO 9001:2015 certification
<b>Awards/Appreciation/Achievements:</b>	Appreciated by Depts. in Students Feedback of Teaching Learning Process
<b>Membership:</b>	
<b>Industrial Training :</b>	
<b>Resource Person /Expert Session/Jury Invited:</b>	Conducted Guest lecture at VIT Kamshet
<b>Workshop/FDP/STTP attended(more than a Week):</b>	<b>1)</b> One week workshop on "Role of mathematics in Latest Engineering Trends" by Lords Institute of Engineering and Technology, Hyderabad during 4/6/21 to 10/6/21 <b>2)</b> One week workshop on "Research Methodology" by Kamala Nehru Mahavidyalaya during 26/4/21 to 1/5/21. <b>3)</b> NPTEL-AICTE FDP on "Soft Skills" during Sept-Dec 2020. <b>4)</b> One week workshop on "Inculcating Universal Human Values in Technical Education" conducted by AICTE during 12/10/20 to 16/10/20. <b>5)</b> One week workshop on "Digital Teaching Technique" by ICT Academy during 23/11/20 to 28/11/20. <b>6)</b> NPTEL-AICTE FDP on "Technical English for Engineers" during Aug- Sept 2018. <b>7)</b> One week FDP on "Discrete Mathematics and Mathematical Modeling" at Zeal College of Engg. & Research, Narhe during 6/6/2017 to 10/6/17. <b>8)</b> One week workshop named "Mission 10X" organized by D. Y. Patil College of Engg. Pune during 1/2/2010 to 5/2/2010.
<b>Event Organized Inter department/Inter college/ Other recognized Industry/IIT's/NPTEL/SPOKE N TUTORIAL/ etc. :</b>	<b>1)</b> Induction Programme for F.E Students in Term-I & Term-II <b>2)</b> Annual Gathering
<b>Event Organized in Department:</b>	<b>1)</b> Organized a workshop on "Foundation of UPSC/MPSC preparation" for first year students. <b>2)</b> Organized Workshop on Engineering Mathematics-III for Polytechnic Students <b>3)</b> Organized LaTeX Workshop for First Year Students <b>4)</b> Organized webinar on Applications of Mathematics in engineering for First Year Students. <b>5)</b>

<b>University level appointments:</b>	1) Assessment of Engg. Maths I, II & III papers 2) Revaluation of Engg. Maths I, II & III papers
<b>Administrative Duties:</b>	Institute Level Port folios: 1) Member of Academic Monitoring Committee. 2) Member of Higher Studies Cell.
<b>Academics Duties:</b>	Dept. Level Port folios: 1)Departmental Academic Coordinator of First Year Engineering 2)ISO Coordinator of First Year Engineering 3) Class Teacher 4) Mentor 5) PBL Guide
<b>Any Other</b>	Instrumental in preparing Mathematics Models for better understanding.