



**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. Mahesh Madhukar Sarada		
<b>Qualification :</b>	M.Tech (Industrial Mathematics with Computer Application)		
<b>Designation :</b>	Assistant professor		
<b>Department :</b>	First Year Engineering		
<b>Date of Joining :</b>	15 <sup>th</sup> June 2015		
<b>Experience :</b>	<b>Teaching : 11 Yrs</b> <b>Industry:</b> <b>Research:</b>		
<b>Research Areas / Area of Specialization</b>	Mathematics		
<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	25171	Filed
	Water saving pipe system for purifiers & other excessive water	25207	Filed
	Bench with advance locker system containing finger print sensor	201821014511	Filed
	Guide for engineering college and branch selection	<b>10358/2021-CO/L</b>	Filed
<b>Research Publications :</b>			
<b>Journal Publications:</b>	<b>Year</b>	<b>Title of Paper</b>	<b>Published in</b>
	April-2018	Split-off of Gammoids	International Science and Technology Journal, VOLUME-7, ISSUE-4
	May-June-2020	Use of Discrete Sumudu Transform in Cryptography	International Journal of Advance Research, Ideas and Innovations in Technology, Volume-6, Issue-3

<b>Conference Publications:</b>	<b>Year</b>	<b>Title of Paper</b>	<b>Published in</b>
	2020	APPLICATIONS OF FIRST ORDER FIRST DEGREE DIFFERENTIAL EQUATIONS	Technospark 2020 @ PCCOE&R
<b>Books Publication:</b>	<b>1)</b> Guide for Engineering College and Branch selection (PCCOE&R Publication) <b>2)</b> Job Related Social Networking (LAMBERT Academic Publishing)		
<b>Profile Link :</b>	<b>Scopus Profile:</b> <b>Google Scholar Profile:</b> <b>Orchid Profile:</b>		
<b>H –Index:</b>			
<b>Product Developed:</b>	Guided Students for projects – Website Development, Air Canvas, Two Wheeler Line follower Robot		
<b>Certifications :</b>	<b>NPTEL-1)</b> Introduction to Abstract and Linear Algebra <b>NPTEL-2)</b> Soft Skills <b>3)</b> Spoken Tutorial – LaTeX, IIT Bombay – PCCO&R, 21 – 27 April 2020		
<b>Awards/Appreciation/Achievements:</b>	1) Qualified in Ph.D. Entrance Exam Held in Sept. 2021 SPPU. 2) Selected For Ph.D. Programme in Medi-Caps University, Indore. 3) Appreciated by Dept. for Students Feedback on Teaching Learning.		
<b>Membership:</b>	<b>ISTE ( Indian Society for Technical Education) LM 93299</b>		
<b>Industrial Training :</b>			
<b>Resource Person /Expert Session/Jury Invited:</b>			
<b>Workshop/FDP/STTP attended(more than a Week):</b>	1) Attended National level one week Online FDP on Effective use of ICT tools in Teaching Learning process 8 <sup>th</sup> June 2020 to 12 <sup>th</sup> June 2020 2) One week FDP completed on Research methodology by kamala Nehru Mahavidyalaya, Nagpur. 3) 01 week online certification course by ICT academy 4) 01 week FDP on research methodology 5) Attended Workshops on Engineering Mathematics-I, Engineering Mathematics-II, Engineering Mathematics-III Syllabus revision. 6) Attended Workshop on Writing High-Impact Research Papers, Effectively & Efficiently from 4 <sup>th</sup> June to 6 <sup>th</sup> June 2020 7) Attended Two Days National Workshop on SET / NET in Mathematical Sciences 1 <sup>st</sup> and 2 <sup>nd</sup> March 2021 8) one week online Faculty Development Program on “OUTCOME BASED EDUCATION: A STEP TOWARDS EXCELLENCE” from 11-15 May 2020		
<b>Event Organized Inter department/Inter college/ Other recognized Industry/IIT's/NPTEL/SPOKE N TUTORIAL/ etc. :</b>	1) CIPCIS 2020 – Conference on Intellectual Property, Patents, Copyrights, Innovations and Startups 2) Induction Programme for F.E Students in Term-I & Term-II 3) Annual Gathering		
<b>Event Organized in Department:</b>	1) Organized Workshop on Engineering Mathematics-III for Polytechnic Students 2) Organized LaTeX Workshop for First Year Students 3) Successfully Organized Activities and Events for Induction program from 2015-16 Till 2020-21		

<b>University level appointments:</b>	CAP appointments
<b>Administrative Duties:</b>	<b>Institute Level Port folios:</b> 1) Magazine Coordinator (Annual Magazine & E- Magazine) from 2015-16 Till 2020-21 2) Member Library Advisory Committee
<b>Academics Duties:</b>	<b>Dept. Level Port folios:</b> 1) Internal Exam- Coordinator 2) Result Analysis coordinator (Internal + External) from 2016-17 Till 2020-21 3) NPTEL Coordinator FE. (For Students and Staff) 4) Dept. Library Coordinator 5) Class Teacher 6) Mentor 7) PBL Guide
<b>Any Other</b>	