

<div style="display: flex; justify-content: space-between; align-items: center;">  <div style="text-align: center;"> <p>Savitribai Phule Shikshan Prasarak Mandal's</p> <p>N B NAVALE SINHGAD COLLEGE OF ENGINEERING</p> <p>(Approved by AICTE & Affiliated to P. A. H. Solapur University, Solapur)</p> <p>CURRICULAM VITAE</p> </div>  </div>																									
	<p>Mr. Honkalas Rahul Rajan</p> <p>Assistant Professor, Phd* ME BE DME</p> <p>✉ rahul.honkalas@gmail.com ☎ 7020996697/9623665172</p>																								
Profile Summary	<ul style="list-style-type: none"> To carryout teaching in co-ordination with research, so as to be upgrading in terms of knowledge and skills. 																								
Educational Details	<table border="1"> <thead> <tr> <th>Institute / University Name</th> <th>Passedout Year</th> <th>Degree</th> <th>Remark</th> </tr> </thead> <tbody> <tr> <td>Punyashlok Ahilyadevi Holkar Solapur University, Solapur</td> <td>Persuing</td> <td>PhD*</td> <td>PhD persuing in Mechanical Design Engineering from PAHSU Solapur and WIT Research Centre</td> </tr> <tr> <td>SVERI's College of Engg., Pandharpur</td> <td>2014</td> <td>ME Mechanical Design</td> <td>Completed Master in Mechanical Design Engineering from Solapur University, Solapur with First Class</td> </tr> <tr> <td>STBCE, Tuljapur</td> <td>2008</td> <td>B.E. (Mechanical)</td> <td>Completed Undergraduation Course in Mechanical Engineering from Dr. BATU, Aurangabad with First Class</td> </tr> <tr> <td>SES Polytechnic, Solapur</td> <td>2004</td> <td>Diploma in Mechanical Engineering with First Class</td> <td>Completed diploma in Mechanical Engineering of MSBTE, Maharashtra</td> </tr> <tr> <td>D J Prashala, Solapur</td> <td>2001</td> <td>SSC</td> <td>Completed SSC from Pune State Board with First Class</td> </tr> </tbody> </table>	Institute / University Name	Passedout Year	Degree	Remark	Punyashlok Ahilyadevi Holkar Solapur University, Solapur	Persuing	PhD*	PhD persuing in Mechanical Design Engineering from PAHSU Solapur and WIT Research Centre	SVERI's College of Engg., Pandharpur	2014	ME Mechanical Design	Completed Master in Mechanical Design Engineering from Solapur University, Solapur with First Class	STBCE, Tuljapur	2008	B.E. (Mechanical)	Completed Undergraduation Course in Mechanical Engineering from Dr. BATU, Aurangabad with First Class	SES Polytechnic, Solapur	2004	Diploma in Mechanical Engineering with First Class	Completed diploma in Mechanical Engineering of MSBTE, Maharashtra	D J Prashala, Solapur	2001	SSC	Completed SSC from Pune State Board with First Class
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	<ul style="list-style-type: none"> • Working as Departmental Coordinator for DSE Admission Activities for Six years. • Worked as an organizing coordinator of career Guidance Sessions at different junior colleges and FE admission activities. • Worked as a Departmental DSR Coordinator. • Worked as Departmental NAAC Coordinator for criteria No.4, No.5, and TG file. • Worked as Hindi Section in charge for Annual College Magazine Sahityagad for three years. • Worked as Member and Coordinator for different sport and cultural activities. • Worked as Departmental TG Coordinator from three years. • Working as Subject In charge and Lab In charge of I C Engines from six years. • Working as Subject In charge of BME from Six years. • Worked as Result Analysis Member. • Working as workshop Superintendent. • Developed and Established I C Engines Laboratory. • Developed Teaching Aids for I C Engines. • Worked as Departmental POE Coordinator. • Worked as University Youth Festival Committee Member. • Working as Member of University LIC committees in the process of university affiliation etc. • Working as Chairmen /Member at Different University Examination paper setting work. • Working as paper setter, examiner, evaluator, moderator at University examination.
Research Experience	<p>Total Experience : 2 Years and 11 months</p> <p>Major Roles and Responsibilities Handled in Research:</p>
Administrative Experience	<p>Total Experience : 6 Years and 8 months</p> <p>Major Roles and Responsibilities Handled in Administration:</p>
Area Of Interest	<ul style="list-style-type: none"> • Machine Design
Subjects Handled	
UG	<ul style="list-style-type: none"> • 1. Engineering Graphics 2. Basic Mechanical Engineering 3. Internal Combustion Engines 4. Machine Design -I 5. Theory of Machine -I 6. Fluid Mechanics
PG	<ul style="list-style-type: none"> • Nil
Research And Guidance	
Invited as Resource Person/ Expert/ Evaluator	<ul style="list-style-type: none"> • Invited as Expert/ Judge at different Technical Events at WIT, Solapur, SES Polytechnic Solapur.
Total Journal Paper Publications	6

Total Conference Paper Publications	8
UGC Approved	3
Scopus Indexed	3
Detailed Journal Publication list	<ol style="list-style-type: none"> 1. <i>Investigation and Analysis of Existing Design of Worm and Worm Wheel of a Gear Motor used in a Soot Blower.</i>Rahul Honkalas, Bhagyesh Deshmukh, Prabhakar Pawar.<i>Materials Today Proceedings.</i>2023. 2. <i>A review on design and efficiency improvement of worm and worm wheel of a gear motor.</i>R Honkalas, B Deshmukh, P Pawar.<i>Journal of Physics: Conference Series</i> 1969 (1), 012023,2021. 3. <i>Analysis and Performance Optimization of Variable Compression Ratio Diesel Engine using Canola Oil Based Biodiesel.</i>RR Honkalas, HB Kulkarni, PR Kubade. <i>Iranian (Iranica) Journal of Energy & Environment</i> 11 (1), 8-12, 2020. 4. <i>Static, Dynamic and Modal Analysis of Micromilling Table.</i> BBD R R Honkalas , M L Kulkarni. <i>IOSR</i> 11 (3), 22-28.2014. 5. <i>Design and Analysis of Table for Micro Milling.</i> BPR, RR Honkalas, PM Pawar.<i>IJERA</i> 2 (6)22.2012
Detailed Conference Publication list	<ol style="list-style-type: none"> 1. <i>Investigation and Analysis of Existing Design of Worm and Worm Wheel of a Gear Motor Used in a Soot Blower (2022).</i>International Conference & Exposition on Advances in Mechanical Engineering, COE, Pune. 2. <i>A Review on Design and Efficiency Improvement of Worm and Worm Wheel of a Gear Motor (2021).</i>International Conference on Intelligent Robotics, Mechantronics and Automation Systems (VIT, Vellore). 3. <i>Design, Modelling and Fabrication of Smart PVC Pouches Counting Machine (2020)</i> .International Conference on Futuristic Trends in Mechanical Engineering (Presidency University, Bengaluru and USCI University, Malaysia) 4. <i>A static, Dynamic and Modal Analysis of Micromilling Table (2015).</i> An International Conference on Precision, Meso, Micro and Nano Engineering (IIT,Bombay) 5. <i>Design and Analysis of Table for Micromilling (2013).</i> International Conference on Advances in Mechanical Engineering (COE, Pune) 6. <i>Analytical and Experimental investigations of Corroded Pipe Strength (2012).</i> YKB R R Honkalas. <i>ICNDCETM</i> 1 (1) 7. <i>Stress Analysis of Spur Gear using Photoelasticity and FEA (2011)</i> . BBD R R Honkalas . <i>ICIE SVNIT</i>
Detailed List of Books Published	1. Nil
Detailed List of Patents	1. Nil

FDP/STTP/Workshop Attended: 4				
Sr.No	Title	Organized by	Dates from to	Duration in Weeks/ Months
1	online UHV Refresher 1 FDP	All India Council for Technical Education(AICTE)	2022-02-14 to 2022-02-18	1 Week
2	Inculcating Universal Human Values in Technical Education	All India Council for Technical Education(AICTE)	2021-10-18 to 2021-10-22	1 Week
3	RESEARCH DIRECTIONS IN SCIENCE & TECHNOLOGY	Dr. D. Y. Patil Institute of Technology, Pimpri, Pune-18.	2021-05-17 to 2021-05-21	1 Week
4	OUTCOME BASED EDUCATION: A STEP TOWARDS EXCELLENCE	All India Council for Technical Education(AICTE)	2020-05-11 to 2020-05-15	1 Week
Other Activities				
Achievements & Awards	1. Nil			
Professional Memberships	1. 2. ISTE- LM 107092 3. ISRD - M 4150904665 4. IAENG - 219976			
Major Projects Handled	1. The seed money proposal of Performance analysis of small-scale composite tunnel Solar dryer is accepted by PAHSUS and received university seed money proposal grant of RS 74,000.			
Personal Details				
Employee Code	SOL/KG/03/B/740			
Adhar Card Number	496228933805			
Pan Card Number	ADIPH0772K			