


	<p><b>Mr. Adarsh Jaiswal</b>  Designation: Assistant Professor  Employee ID: 0605222  Date of Joining: 10/07/2024  Qualification: B.E, MTech.  Email Id: <a href="mailto:adarshjaiswal.sgsits@gmail.com">adarshjaiswal.sgsits@gmail.com</a></p>					
1	<p><b>About Faculty</b></p>					
	<p>Mr. Adarsh Jaiswal currently working as an Assistant Professor in the Industrial Production Engineering Department at Shri G S Institute of Technology and Science Indore, India. He has Two conference paper. His research interest in Biodegradable Composite Materials and Advanced Manufacturing Process.</p>					
2	<p><b>Educational Qualification</b></p>					
	<b>Degree</b>	<b>Specialization</b>	<b>Division</b>	<b>University</b>	<b>Year</b>	
2.1	<b>MTech.</b>	Manufacturing Engineering	First (with Honors)	SGSITS Indore (RGPV, Bhopal)	2023	
2.2	<b>B. E.</b>	Mechanical Engineering	First (with Honors)	RGPV, Bhopal	2020	
3	<p><b>Research Detail</b></p>					
	<ol style="list-style-type: none"> <li>1. Advanced Manufacturing Processes.</li> <li>2. Composite Material</li> <li>3. Advance machining Processes.</li> </ol>					
4	<p><b>Publications</b></p>					
	<ol style="list-style-type: none"> <li>1. Jaiswal A. Dhakar K., Bhargava S., Dwivedi S. (2024) <b>“Fabrication and Characterization of Natural Fiber Reinforced Composite Utilizing Natural Binders as a Matrix Phase: A Conceptual Review”</b> 5<sup>th</sup> International Conference on Contemporary Advances in Mechanical Engineering (ICCAME-2024), 21-22 March 2024, CEC, Mohali, Punjab.</li> <li>2. Sharma A., Bhargava S., Dhakar K., Dwivedi S., Jaiswal A., (2024) <b>“A Comparative investigation on CO<sub>2</sub> Laser Cutting of Bamboo Fiber-Reinforced composites”</b> 5<sup>th</sup> International Conference on Contemporary Advances in Mechanical Engineering (ICCAME-2024), 21-22 March 2024, CEC, Mohali, Punjab.</li> </ol>					
5	<p><b>Projects</b></p>					
	<p><b>MTech. Thesis - Fabrication of Biodegradable Materials Using Agriculture Wastes Fiber as Reinforcement with Starch as Matrix for Disposable Item</b></p> <ul style="list-style-type: none"> <li>• To fabricate the biodegradable composite plate using corn starch as natural binder that will act as matrix.</li> <li>• To perform mechanical testing on the different sample of biodegradable plate.</li> <li>• To perform water absorption test (wet ability) on biodegradable composite.</li> </ul> <p><b>B.E Project - to analyze and select best material for “comfy step”</b></p> <ul style="list-style-type: none"> <li>• The car door step/comfy step are convenient for taking the items stored on a car roof. It is designed for easy carrying and storage.</li> <li>• The project is aimed to provide proper way of loading and unloading of luggage's from the</li> </ul>					

	carrier, reachability for cleaning the roof of vehicle.
6	<b>Other Details</b>
	<ul style="list-style-type: none"> <li>• <b>QIP short term course at IIT Indore.</b> Advance in manufacturing engineering and materials</li> <li>• <b>Research and Industrial conclave 2024 at IIT Indore.</b> Model and Poster presentation on Biodegradable Composite Plates.</li> <li>• <b>Institution's Innovation Council, SGSITS Indore</b> Best Student Innovator of institute on National Innovation Day (consolation)</li> <li>• <b>Webinar and Certification in Toyota Kirloskar Pvt. Ltd.</b> Hybrid Electric vehicle Technology - Basics Lean management - Basics</li> <li>• <b>Dr. Durgesh Joshi Memorial Medal (Gold Medal), SGSITS Indore</b> Merit topper of MTech in Manufacturing engineering, IPE Department</li> <li>• <b>News Article in Times of India on World Environment Day</b></li> </ul> <p>LINK <a href="https://timesofindia.indiatimes.com/city/indore/teacher-student-of-sgsits-make-100-biodegradable-plates-with-bamboo-stubble/articleshow/100753700.cms?fbclid=PAZXh0bgNhZW0CMTEAAaac80vPLIFR-D_A-XV6FfinjUz6iZVNSxKngX4wY_ZCib2PFSCeYvN-gCk_aem_tB8x1EjIy_Nxqc8Yfmcezw">https://timesofindia.indiatimes.com/city/indore/teacher-student-of-sgsits-make-100-biodegradable-plates-with-bamboo-stubble/articleshow/100753700.cms?fbclid=PAZXh0bgNhZW0CMTEAAaac80vPLIFR-D_A-XV6FfinjUz6iZVNSxKngX4wY_ZCib2PFSCeYvN-gCk_aem_tB8x1EjIy_Nxqc8Yfmcezw</a></p>