

# Supporting every step in the workflow



**Design & Develop**



**Analysis and Testing**



**Manufacturing and Production**



<p><b>Research Objective</b></p>	<p>Find the latest research relevant to your product design. Ensure your innovation is keeping pace with the latest developments</p>	<p>Need to ensure the optimal analysis and testing methods are employed. Find out new techniques and discover datasets which provide context to your analysis</p>	<p>Achieve an effective and efficient process based on industrial, chemical, mechanical and materials engineering fundamentals and incorporating the latest in digital and automated technology</p>
<p><b>Journals (Innovations from the last 1-2 Yrs)</b></p> 	<p>Journal articles are the result of in-depth studies and strong peer review process. They provide detailed and high quality information on the latest research and applications</p>	<p>Newest test methods reviewed by the scientific community with articles increasingly accompanied with supporting data.</p>	<p>Latest production and manufacturing applications including optimization, control and automation</p>
<p><b>Ebooks (Fundamentals and Innovations from the last 2 to 5 years)</b></p> 	<p>Mature descriptions and discussions of recent applications including the highly authoritative Springer Nature Technical Handbooks</p>	<p>In-depth background information as well as detailed descriptions of the application of analytical and testing methods</p>	<p>Springer's Physical Science and Engineering Ebook program is the world's strongest and most authoritative</p>
<p><b>Proceedings (Innovations and Case Studies from the last year)</b></p> 	<p>Majority of the latest applications are published in proceedings. Time to publication are very short and therefore provide the most current applications.</p>	<p>Proceedings focus on applications and case studies providing the broadest range of challenges, test methods and data.</p>	<p>Provides very recent case studies including challenges encountered and solutions found. Includes the world's largest collection of proceedings on Industry 4.0</p>
<p><b>Databases (Expertly Distilled Tertiary Information)</b></p> 	<p>SpringerMaterials, Nano and Experiments:</p> <ul style="list-style-type: none"> <li>• provide critical chemical and physical parameters of materials including Nanomaterials and particles</li> <li>• Find, evaluate and implement protocols and methods across the life sciences</li> </ul>	<p>Materials data is required as a guide and reference to understanding the limits of materials being tested and to suggest key parameters that require analysis</p> <p>Protocols provide detailed step by step methods for analysis and testing</p>	<p>Manufacturing and production often present new materials engineering challenges. Process optimization requires access to trusted materials data</p>