

BAMG 4201	<b>Production and operations management</b>	3 Credit Hours
Prerequisites:	NIL	
<b>Goal</b>	The main aim of this course is to introduce the students to basic production and operations system	
<b>Objectives</b>		<b>Outcomes</b>
<p>Demonstrate awareness an understanding of production management, importance of facility layouts, quality control, forecasting. Apply techniques to measure quality control. Demonstrate a basic understanding of Just In Time Systems, Inventory management and Operations Scheduling. Demonstrate an understanding of the principles underlying materials requirements planning. Develop basic materials requirement schedules.</p>		<p>The students should be able to:</p> <ol style="list-style-type: none"> <li>1. Production and operations management - fundamentals</li> <li>2. Production process and types.</li> <li>3. Design of production and operations process</li> <li>4. Product quality and quality management.</li> <li>5. Production planning and control.</li> <li>6. Operations improvement, Failure prevention – managing improvement process.</li> <li>7. Material management &amp; inventory control</li> <li>8. Supply Net work perspective</li> <li>9. Operations challenges in Modern corporate environment</li> </ol>