



### PRACTICUM GUIDELINES FOR ORGANISATION

PROGRAMME	SQMX4908 Business Mathematics	SQPX4908 Decision Science	SQSX4912 Industrial Statistics
<b>LEARNING OUTCOMES</b>	<ol style="list-style-type: none"> <li>1. Identify at least one real business/industry problem for a project.</li> <li>2. Formulate a suitable mathematical model for the project.</li> <li>3. Display relevant interpersonal and organisational communication skills.</li> <li>4. Write a project report.</li> </ol>	<ol style="list-style-type: none"> <li>1. Identify at least one real business/industry problem for a project.</li> <li>2. Formulate a solution to the problem using any decision science techniques.</li> <li>3. Display relevant interpersonal and organisational communication skills.</li> <li>4. Write a project report.</li> </ol>	<ol style="list-style-type: none"> <li>1. Identify at least one real business/industry problem for a project.</li> <li>2. Formulate a solution to the problem using any suitable statistical techniques.</li> <li>3. Display relevant interpersonal and organisational communication skills.</li> <li>4. Write a project report.</li> </ol>
<b>SCOPE OF TRAINING</b>	<ol style="list-style-type: none"> <li>1. Manufacturing Industry               <ol style="list-style-type: none"> <li>a) Several aspects that can be exposed to students are:                   <ul style="list-style-type: none"> <li>• Scheduling of manpower</li> <li>• Scheduling of production</li> <li>• Quality improvement and control</li> <li>• Business development</li> <li>• Modelling and system analysis</li> <li>• Business development process</li> <li>• Production analysis and problem solving</li> <li>• Market research</li> </ul> </li> <li>b) Among the activities that can be scheduled for students are:                   <ul style="list-style-type: none"> <li>• Working in a team environment</li> <li>• Group discussion</li> <li>• Presentation</li> <li>• Develop model using planned problem solving method</li> <li>• Communication skills</li> </ul> </li> </ol> </li> <li>2. Logistics and Supply Chain Industry               <ol style="list-style-type: none"> <li>a) Among the aspects that can be exposed to students are:                   <ul style="list-style-type: none"> <li>• Scheduling of transportation</li> </ul> </li> </ol> </li> </ol>		

	<ul style="list-style-type: none"> <li>• Inventory planning</li> <li>• Business management process</li> <li>• Business development</li> <li>• Production analysis and problem solving</li> <li>• Market research</li> <li>• Quality control</li> <li>• Modelling and system analysis</li> </ul> <p>b) Among the activities that can be scheduled for students are:</p> <ul style="list-style-type: none"> <li>• Working in a team environment</li> <li>• Group discussion</li> <li>• Presentation</li> <li>• Develop model using planned problem solving method</li> <li>• Communication skills</li> </ul> <p>3. Public Sector/Insurance/Financial Sector</p> <p>a) Among the aspects that can be exposed to students are:</p> <ul style="list-style-type: none"> <li>• Modelling and measuring</li> <li>• Data management</li> <li>• Market research</li> <li>• Human resource management</li> <li>• Business performance analysis</li> <li>• Project management</li> <li>• Customer satisfaction analysis</li> </ul> <p>b) Among the activities that can be scheduled for students are:</p> <ul style="list-style-type: none"> <li>• Working in a team environment</li> <li>• Group discussion</li> <li>• Presentation</li> <li>• Develop model using planned problem solving method</li> <li>• Communication skills</li> </ul>								
<p><b>EVALUATION COMPONENT</b></p>	<table border="0"> <tr> <td>1. Organisation Supervisor Evaluation (Confidential)</td> <td>40%</td> </tr> <tr> <td>2. E-Portfolio</td> <td>10%</td> </tr> <tr> <td>3. Project Proposal</td> <td>5%</td> </tr> <tr> <td>4. Project Report</td> <td>45%</td> </tr> </table>	1. Organisation Supervisor Evaluation (Confidential)	40%	2. E-Portfolio	10%	3. Project Proposal	5%	4. Project Report	45%
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