



**K S RANGASAMY COLLEGE OF TECHNOLOGY**  
**Tiruchengode – 637215**  
**(An Autonomous Institution, Affiliated to Anna University, Chennai)**  
**DEPARTMENT OF MECHANICAL ENGINEERING**



<b>Flipped Class</b>			
Programme & Branch	B.E. & Mechanical Engineering	Year/Sem	III / VI/A&B
Course Code & Name	50 ME E31– Process Planning and Cost Estimation	Date	25.01.2023

The video link for the topic of Process planning is <https://youtu.be/VTYZf9EnsUU>. All the students are informed to listen to the video and come prepared for the activity to be held on 25.01.2023 (1&2nd Hour) in our classroom.

**Course Instructor**  
**(Mr.S. Venkatesan)**



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<b>Flipped Class-Questions</b>			
<b>Programme &amp; Branch</b>	<b>B.E. &amp; Mechanical Engineering</b>	<b>Year/Sec/Sem</b>	<b>III / VI/A&amp;B</b>
<b>Course Code &amp; Name</b>	<b>50 ME E31 &amp; Process Planning and Cost Estimation</b>	<b>Date</b>	<b>25.01.2023</b>

### **Questions**

1. What is Process planning?
2. What are the steps in planning process?
3. What is process planning and process design?
4. What are the 5 steps in the planning process?

The above questions have been asked to the students and they shared their answers. All the students answered questions no.1, 2, and no.4 correctly. But few students answered questions No. 3 correctly. So, I discussed the non-answered topic in the classroom.

Course Instructor  
**(Mr.S.Venkatesan)**

Module Coordinator  
**(Mr.S.Venkatesan)**



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**Flipped Class-Answers**

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**1. What is Process planning?**

Process planning is a preparatory step before manufacturing, which determines the sequence of operations or processes needed to produce a part or an assembly.

**2. What are the steps in planning process?**

Analyze Your Situation. First, clarify what you need to do, Identify the Aim of Your Plan, Explore Your Options, Select the Best Option, Detailed Planning, Evaluate the Plan and Its Impact, Implement Change, Close the plan and Review.

**3. What is process planning and process design?**

Process planning is concerned with planning the conversion or transformation processes needed to convert the materials into finished products.

**4. What are the 5 steps in the planning process?**

Determine your strategic position, prioritize your objectives, develop a strategic plan, Execute and manage your plan, Review and revise the plan.

Course Instructor

(Mr.S.Venkatesan)

Module Coordinator

(Mr.S.Venkatesan)