

### Electronics & Telecommunication Engineering

Academic Year – 2019-2020	Class: Third Year
Semester – II	Date : 03/02/2020
CO: 1,2	PO: 1,9,10. PSO-2

#### Innovative Teaching Methods

##### Title of Innovation method/activity: Quality Analysis

1. Name of Faculty: Mr. A. R. Chaudhari

2. Subject: Business Management

3. Objective of Method:

1. To create awareness quality analysis tools.
2. Able to apply the tools.
3. Analyze the identified problem.
4. Identify the fact related to problem.
5. Find the remedies to solve the problem or minimize the impact.
6. Write a report

#### 4. Topic Covered through Activity:

Quality Management Assistance Tool.

#### 5. Description of method with Benefits (8 – 10 lines) :

Students will study the various challenges to facing the Industry/ daily life in various aspects. Student will identify the problem & collect, read all the relevant problem and statistics to see whether it makes sense to dig deeper. Focus on the relevant problem. Cover study of the major external and uncontrollable factors that can influence the system. Appropriate use of all parameter to covered analysis.

One of the methods is to ensure that students are able to follow their study pathway and complete their study on time & in deep sense. It is also hoped that this method helps to improve the knowledge into problem analyzing methodology.

#### The method:

1. An assigned task completed by a team of 5 students.
2. Student will identified the problem, from surrounding for quality analysis..
3. Student will select any quality assistance tool

4. Student will prepare the analysis of identified problem report.
5. After completion of analysis student will submit the report.
6. Questions on the analysis to each group about the selection of tool, selection of analyzing parameter, applying the concept of tool to identified problem, fact gathering methods. The clarifying question is directed to the group that analyzed the identified problem.

### **Roles and Responsibilities**

- **Teacher**
  - Provide the Introduction to the entire tool.
  - Aware the student about the depth of Topic
  - Provide the Study Material and appropriate guide lines.
  - Prepare assessment methodology.
- **Student**
  - Go through all the material provided on particular topic
  - Once problem identified understand and gain expertise on topic through collaboration.
  - Actively participate in group and contribute by means of discussion, hand-out
  - Share the expertise topic when joins a new group.
- **Group**
  - Develop the guidelines to establish group.(i.e. Decide the roll of all participants)
  - Every group should gain the expertise on particular topic.
  - Prepare at least one-page report which cover all the details corresponding to the topic.
  - Appropriate references should be given.

### **6. Assessment Tools & Rubrics:**

#### **1. Depth of Content [5 Mark]**

- Proper Utilization of the tool (01 Marks)
- Applied method is accurate and includes an explanation of key concepts and theories, as well as a clear description of the topics (2 Marks)
- Mention sub point related to parameter. (2 Marks)

#### **2. Report writing [5 Mark]**

- Cover maximum related aspect. (1 Marks)
- Cover sufficient explanation about analysis. (2 Marks)
- Prepare a report with valid conclusion with remedies. (2 Marks)



### 3. Verbal Interaction [5 Mark]

- Justify the tool selection criteria. (01 Marks)
- With deep sense answering towards fact related to the identified problem. (02 Marks)
- Proper justification on remedies. (02 Marks)

Criteria	3- High	2- Moderate	1- Slight
<b>Depth of Content</b>	<ul style="list-style-type: none"> <li>• Proper Utilization of the tool (01 Marks)</li> <li>• Applied method is accurate and includes an explanation of key concepts and theories, as well as a clear description of the topics (2 Marks)</li> <li>• Mention sub point related to parameter. (2 Marks)</li> </ul>	Sufficient knowledge about the tool with moderate description & average related parameter towards identified problem	Average knowledge about tool & analysis.
<b>Report writing</b>	<ul style="list-style-type: none"> <li>• Cover maximum related aspect. (1 Marks)</li> <li>• Cover sufficient explanation about analysis. (2 Marks)</li> <li>• Prepare a report with valid conclusion with remedies. (2 Marks)</li> </ul>	Cover the point with deep sense. But lack of sufficient & effective remedies.	Cover the point but not with deep sense.
<b>Verbal Interaction</b>	Full knowledge about the tool & can explain, elaborate the analysis, with proper justification	Missing knowledge with poor answer	Poorly answer

### 7. Evaluation Sheet

Gr. No.	Name of Student	Depth of Content (05)	Report writing (05)	Verbal Interaction (05)	Final Marks (15)
1	Varsha Shinde	5	4	5	14
	Iramsaba Shaikh	5	4	5	14
	Rutuja Rajole	5	4	4	13
	Rutuja Kakulte	5	4	5	14
	Deepak Sinha	5	4	4	13
2	Rajole Shivani	5	4	4	13
	Rathod Payal	5	4	4	13
3	Komal Pagar	3	4	5	12
	Surabhi Narkhede	4	4	4	12
	Mansi Mohan	3	3	4	10
	Dhanashree Pawar	4	4	4	12

	Komal More	3	4	4	11
	Shubhangi Kankal	3	3	3	9
	Minal Amrurkar	3	4	4	11
4	Sonali Gupta	4	3	3	10
	Vaishnavi Patil	3	4	4	11
	Jagruti Chaudhari	3	3	3	9
	Nimse Amisha	2	4	4	10
5	Aher Asavari	4	4	3	11
	Vazarde Gayatri	3	4	4	11
	Patil Saloni	4	3	3	10
	Vaishnavi Kharde	4	3	3	10
	Sakshi Pagare	3	3	3	9
6	Sayali Jagtap	3	4	3	10
	Pranoti Kasture	4	4	4	12
	Pooja Patil	3	3	3	9
	Pragati Weljali	4	5	5	14
	Pranita Sancheti	5	5	4	14
7	Bhakti Misal	3	3	4	10
	Pranav Deshpande	2	4	4	10
	Ashwin Pathak	3	3	4	10
	Pradip Gavali	3	4	3	10
	Shubham Shiruade	4	3	4	11
8	Siddhant Joshi	3	4	3	10
	Nitin Patil	4	4	4	12
	Mahesh Chokhande	3	4	4	11
	Pushkar Kankriya	4	3	5	12
9	Srushti Kanhe	3	4	4	11
	Mohit Kirve	4	4	4	12
	Roshani Pawar	5	4	4	13
	Omkar Wadekar	5	5	5	15
	Siddhant Deshmukh	4	5	5	14
10	Sanket Devhanalli	3	5	5	13
	Pritesh Vasani	4	3	3	10
	Pranil Chavan	3	4	4	11
	Poonam Aher	4	4	3	11
	Priyanka Budhwant	3	3	4	10
11	Anushka Aware	4	4	3	11
	Meghana Jadhav	3	3	4	10
	Swati Gholap	2	4	4	10
	Shraddha Pachore	3	3	4	10
	Sameeksha Diwan	3	4	3	10
	Dipali Avhad	4	5	4	13
12	Vaishnavi Borse	4	4	3	11
	Hitesh Chitte	4	4	4	12
	Manasi Kulkarni	4	3	3	10
13	Tushar Borse	2	3	2	7



Shivam Deore	3	2	3	8
Siddesh Sonar	3	3	5	11
Aakash Gaikwad	3	4	3	10
Harshvardhan Wagh	3	3	2	8

### 8. Impact Analysis


Question	3- High/Excellent	2.Moderate/Average	1-Slight/Poor
1. Did you cover the objective during the activity	33	19	02
2. Do you find Methodology Helpful	29	23	02
3.Does this helps for building a good team	31	20	03
4.Does the content covered, are relevant	36	18	00

### 9. Activity Picture- NA

10. **For review and critique contact:** e-mail address of faculty and HOD  
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