

Yashoda Technical Campus, Satara

(Approved by AICTE,Delhi/Approved by Govt of Maharastra DTE) Email: <u>principalengg_ytc@yes.edu.in</u>
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Faculty of Engineering



Department of Computer Science and Engineering

Academic Year 2024-25

Report On Continue Assessment Activity

Day & Date: Wednesday, 20 Nov 2024

Name of Activity: Problem Solving

Name of the Faculty Coordinator: Ms. S.R. Sankpal

Class & Division: - S.Y. B. Tech

Semester: - III

Name of subject: - Engineering Mathematics-III

Subject Code: - BTBS301

Total no of Students Present: - 148

CO and PO Mapped with activity: -

CO1, CO2, CO4, CO5

PO1-Engineering Knowledge

PO2-Problem analysis

PO4- Conduct investigations of complex problems

PO9- Individual and Team

PO12-Life-long learning

Rubrics of Activity: -

Stepwise solution of Example 10M Student should solve example in given time 5M Representation of Example 10M Total 25M

Objectives:

- 1. Apply mathematical concepts and techniques to solve real-world engineering problems.
- 2. Develop problem-solving skills, critical thinking, and analytical reasoning in the context of engineering mathematics.
- 3. Foster collaboration and communication among students to tackle complex engineering problems.

Outcomes:

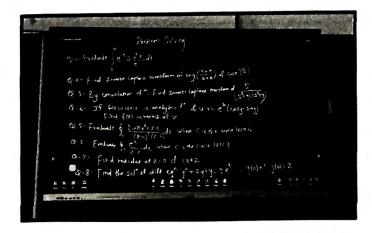
- 1. Students become more engaged and motivated to learn, as they see the relevance and importance of engineering mathematics.
- 2. Students develop a more creative and innovative mindset, exploring new approaches and solutions to engineering problems.
- 3. Students engage with difficult problems and found a way to solve it.

Photographs: -

1.



2.



Subject Teacher



HOD H.O.J.

Computer Science & Engg.

SPM'S Yashioda Technical Campus Satara

Pg. No.

	YSPW's Yashoda Technical Campus
	guestions. (Paoblem Solving)
9.1,	Evaluate set sin2t dt.
>	let f(t) = sin2t = 1 [1-cos2t]
	1 f f (t 1 g = 1 f sin 2 t g = 1 1 f 1 - cos 2 t g
153/ PC	- 1 1 - 1 1 to montage of 9 1 1 - 2 5 1 5 2 + 4 5 0 0
ale 70	= F(s) for
(915)60 -	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
	$= \frac{1}{2} \log 5 - \frac{1}{2} \log (5^2 + 4) \frac{3}{5}$
	= 1 109 5
	$= -1 \log \frac{9}{5}$
	By the defin of laplace transform.
	(e-st, f(t) ? dt = (e-st, sin²+ ? dt