



SNS COLLEGE OF TECHNOLOGY

(An Autonomous Institution)

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai

Accredited by NAAC-UGC with 'A++' Grade (Cycle III) &

Accredited by NBA (B.E - CSE, EEE, ECE, Mech & B.Tech.IT)

COIMBATORE-641 035, TAMIL NADU



IA 3 Examination SET 'A'

Institution	SNS College of Technology
Branch	B.E Mechanical Engineering
Semester	VI
Course Code/Name	19MEB303 / Finite Element Analysis
Name of the Faculty	Mr. P.Janagarathinam, AP /Mech

S.No	Quality Parameters basedon blooms	Grade points (g)	Part	No of Questions(n)	Allotted marks (m)	n*m	Q= n*m*g
1	Remember/ Understand (Level - 1,2)	1	A	4	2	8	8
			B				
			C				
2	Apply (Level - 3)	2	A				
			B	1	14	14	28
			C				
3	Analyze (Level - 4)	3	A	1	2	2	6
			B	4 1	13 14	52 14	156 42
			C				
4	Evaluate(Level-5)	4	A				
			B				
			C				
5	Create (Level -6)	5	A				
			B				
			C				

$$\text{Quality Index} = \frac{\sum Q}{\sum (n \cdot m)} = \frac{240}{90} = 2.667 \text{ - High.}$$

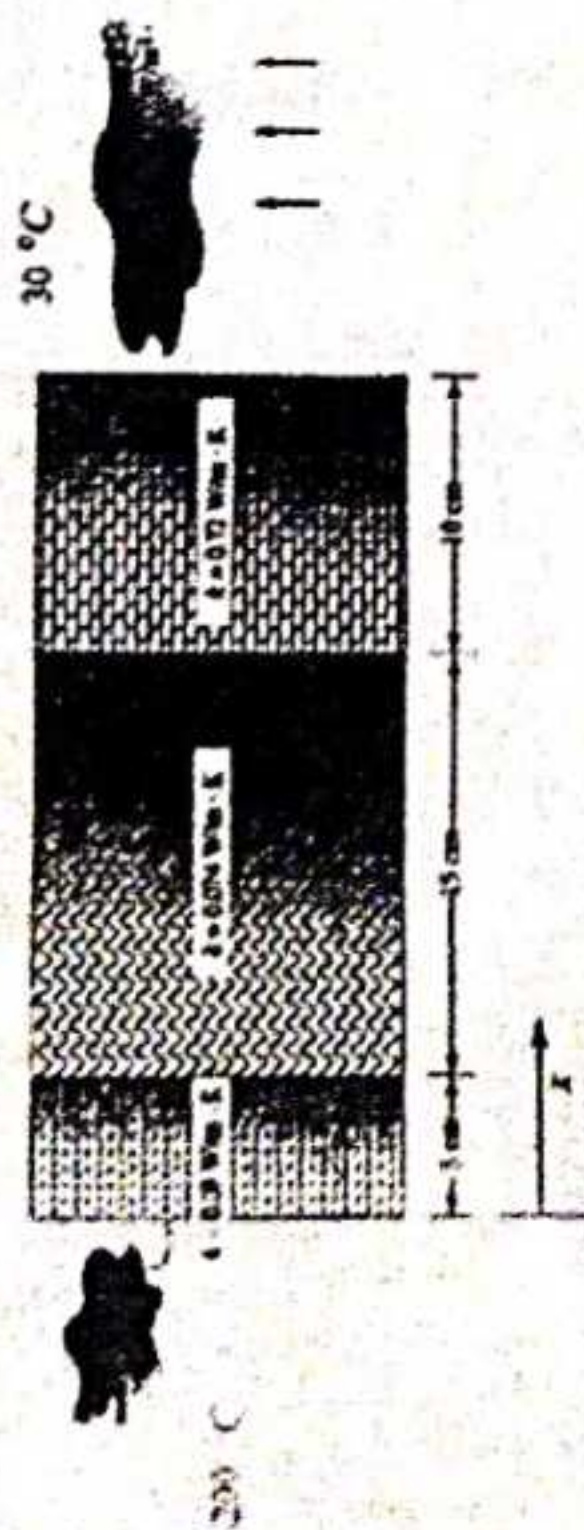
P. Janagarathinam
Faculty 3/5/25

(P. Janagarathinam, AP/Mech)

Teaching Coordinator

HoD

a convection coefficient of $40 \text{ W/m}^2\text{C}$. Determine the temperature distribution along the composite wall. (Saint-Gobain, Thermax, L&T Construction)



Bloom's Taxonomy:

REM - Remember UND - Understand APP - Apply ANA - Analyze EVA - Evaluate
CRT - Create

P. Suresh
Faculty in-charge

Teaching Coordinator

HoD / Mech

(P. Janagathan
AP Mech)

VK