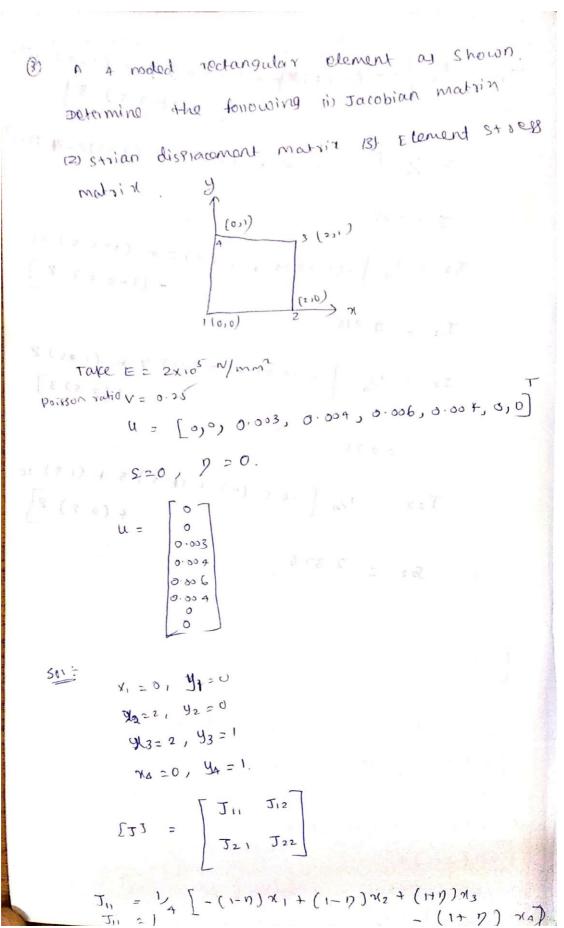
SNS COLLEGE OF TECHNOLOGY





Department of Mechanical Engineering



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$$\begin{aligned}
& \text{DI} &= \frac{27105}{1 - 0.25^2} & \begin{bmatrix} 1 & 0.25 & 0 \\ 0.25 & 1 & 0 \\ 0 & 0 & 0.75 \end{bmatrix} \\
& \text{DI} &= 53333.33 & \begin{bmatrix} 4 & 1 & 0 \\ 1 & 4 & 0 \\ 0 & 0 & 1.5 \end{bmatrix} \\
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