



# SNS COLLEGE OF TECHNOLOGY

(An Autonomous Institution)

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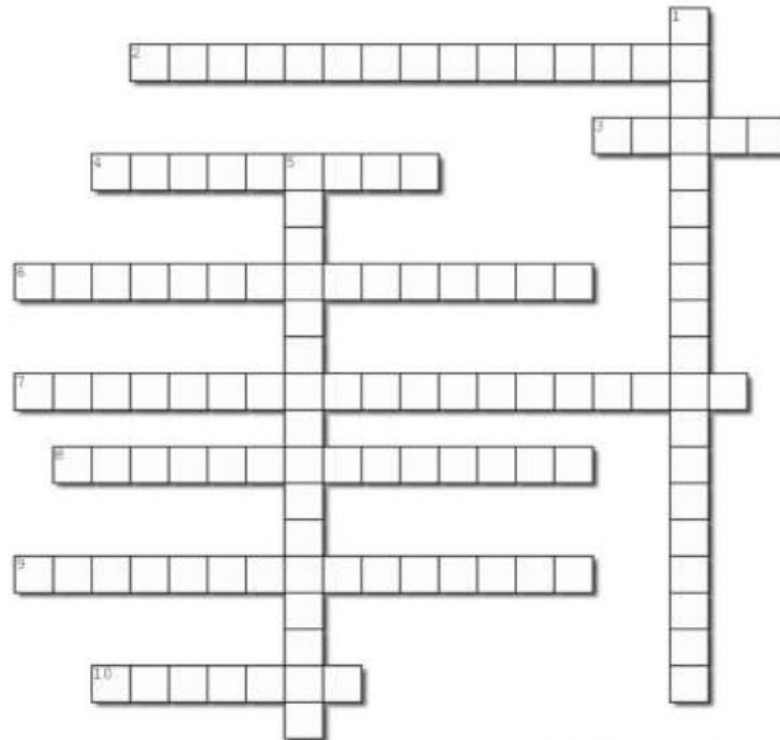
## DEPARTMENT OF AEROSPACE ENGINEERING

Faculty Name : **Dr.A.Arun Negemiya,** Academic Year : **2024-2025 (Odd)**  
AP/ Aero  
Year & Branch : **II AEROSPACE** Semester : **III**  
Course : **23AST202 – Fluid Mechanics for Aerospace**

Name: \_\_\_\_\_

### FLUID PROPERTIES

Complete the crossword puzzle below



Created using the Crossword Maker on TheTeachersCorner.net

#### Across

2. Engineering science, which deals with the behaviour of fluid either in rest or motion
3. The substance that deforms continuously under the action of shear stress, no matter if it is small
4. The property by virtue of which, a fluid offers resistance to deformation under the action of shear force is called as
6. Volume of fluid per unit weight
7. The ratio between the dynamic viscosity and density of fluid
8. Weight per unit volume
9. The shear stress ( $\tau$ ) is directly proportional to the rate of shear strain
10. Mass per unit volume

#### Down

1. The fluid in which the apparent viscosity decreases with increasing deformation rate
5. Ratio between specific weight of given fluid to specific weight of standard fluid