

## SNS COLLEGE OF TECHNOLOGY (An Autonomous Institution) COIMBATORE-641 035, TAMIL NADU



Laws of dry friction: lawy any Duran D static friction: oort ist 9) The forthonal force always acts on the opposite direction to meets the body tends more . Fi) frictional force does not depend on the shape and area of contact of the bodres. My The force depends on the degree of \_\_\_\_\_ of the contact area b/w two bodies. bodies. force applied to the body, so long as the body agree of rest. mattery friction Ps at rest. V) Fm LNR 2000 forcer 2001 sitt V) Fm LNR Fm = Jus NR. 2) laws of Pynamic friction: 9) The frictional force acts is the opposite (i) The magnitude of dynamic fuiction beau a constant ratio to the normal reaction p/w two surfaces. (1) coefficient of knetic friction is less than the co-efficient of station forchism is less than the co-efficient impending motions The state of motion of a body which is Impending motion Just about to move (or) strole is called Propending motion of the body. tond = hand an in and and

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