

Preeti Sagar
Mechanical.

Section - 1 Fluid machinery

Q. Impact of jet ? what is jet propulsion.

Ans when a jet of water strikes a surface its velocity (and its momentum) is changed. The force exerted by the surface on the jet is then obtained by applying Newton's law (second law).

The force normal to the surface is equal to the rate of change of momentum or change of momentum per second normal to the surface.

Jet propulsion \rightarrow Jet propulsion is the propulsion of an object in one direction produced by ejecting a jet of fluid in the opposite direction.

By Newton's third law.

moving body is propelled in the opposite direction to the jet propulsion. include the jet engine used for aircraft propulsion.