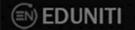
JEE MAIN

WORK ENERGY POWER FORMULAE

Now that's how you REVISE

-Mohit Goenka, IIT Kharagpur





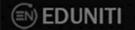
List of Content on Eduniti YouTube Channel:

- 1. PYQs Video Solution Topic Wise:
 - (a) JEE Main 2018/2020/2021 Feb & March
- 2. Rank Booster Problems for JEE Main
- 3. Part Test Series for JEE Main
- 4. JEE Advanced Problem Solving Series
- 5. Short Concept Videos
- 6. Tips and Tricks Videos
- 7. JEE Advanced PYQs

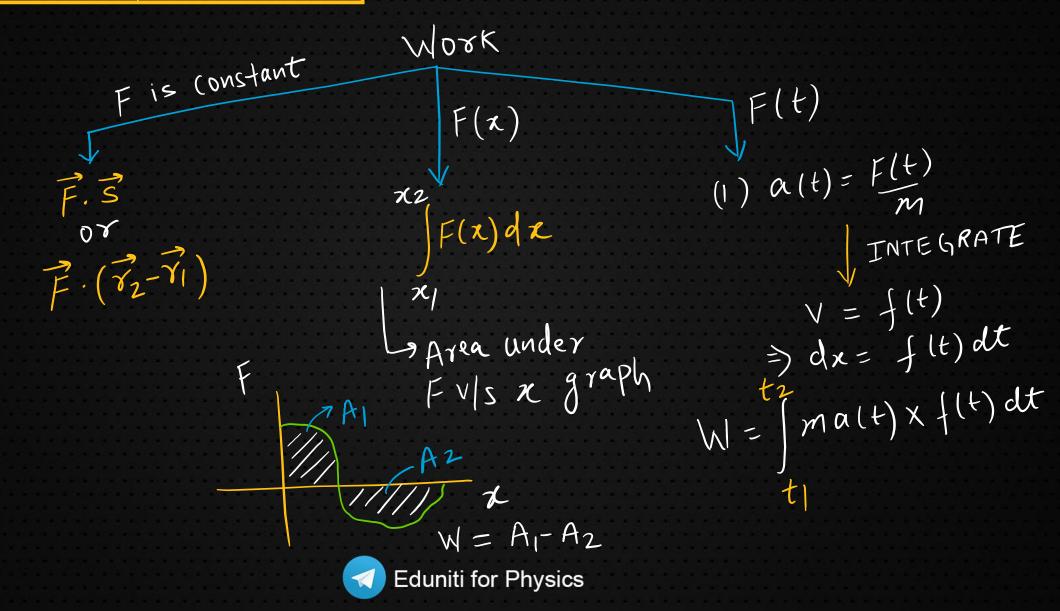
.....and many more to come







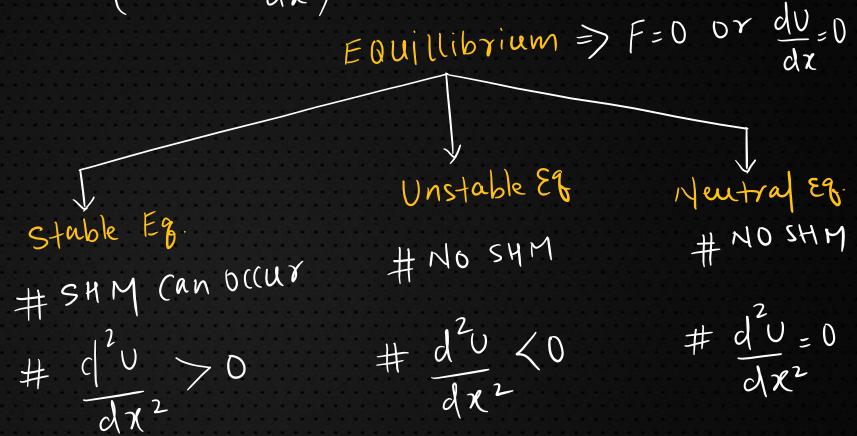
WORK ENERGY POWER

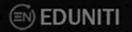




WORK ENERGY THEOREM

CONSERVATIVE FORCE (F=-du/dx)





POTENTIAL

Electrostatics

Dipole,
$$U = -\vec{P} \cdot \vec{E}$$

Magnetism

magnet in B, $U = -\vec{M} \cdot \vec{B}$

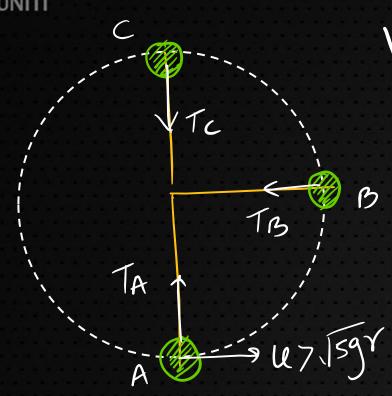
Elastic

 $U = -\vec{B} \cdot \vec{B}$

Magnetism

Magn





VERTICAL CIRCULAR MOTION

- 1) string + bob
- 2) A particle inside a hollow sphere
- 3 If $U > \sqrt{59}r$ $T_A - T_B = 3mg$ $T_A - T_C = 6mg$

Mass attatched to light rod (EN) EDUNITI

