Published on *Mechanical Engg Simple Notes*, Solved problems and Videos (<u>https://mechdiploma.com</u>)

<u>Home</u> > Define fluctuation of energy and coefficient of fluctuation of energy.

Define fluctuation of energy and coefficient of fluctuation of energy.

Question:

Define fluctuation of energy and coefficient of fluctuation of energy.

Answer:

a) Fluctuation of energy -- The difference of maximum and minimum kinetic energy of flywheel is known as Fluctuation of energy

b) Coefficient of fluctuation of energy -- - It is defined as the ratio of the maximum fluctuation of energy to the work done per cycle. It is denoted by ke = (E1 - E2)/work done per cycle