Chravitation

The Phonomonon of affection ! dus any two objects in the Universe is could gravitation

· Gravity - approactive force which is experted by costs on any body

Universal law of Carovitation.



Everybody in the universe attracts every other body with a force wallish id directly proportional to the product of their mouser & inversely proportional to the Square of the distance bothscell



- Universal gravitational constant

SI unit of G

$$G = \underbrace{(f \times n^2)}_{m_1, m_2}$$

$$G : \underbrace{N \times m^2}_{Kg^2}$$

$$G : (.67 \times 10^{-11}) Nn^2 Kg^2$$

F, 6 mins Universal growinstand constant is overestically exact to the growinstand nome butter of affroction between two min between two between two between two between two between to mass Ikg Kept of unit distance From each other.

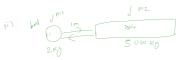
(h = F) Why gravifutional constant (G) is known as Universal gravitational constant?

The value of G document depend on most of two bodies,

Londiti ors

in when two objects each of leg and I'm appoint







each may , 6×10 MKB , GUDOKM. = 6400 × 1000 m

FEA: 9.8N

