**KINEMATICS**

MOTION IN A STRAIGHT LINE L1: <https://youtu.be/XIJAZM5G5Fg>

DIFFERENTIATION(CALCULUS):<https://youtu.be/UiVYFFRs_BE>

INSTANTANEOUS VELOCITY L2:<https://youtu.be/9nBWFM7XTEw>

INTEGRATION(CALCULUS):<https://youtu.be/_dmHLxqbXYU>

MOTION IN A STRAIGHT LINE L3:<https://youtu.be/-PKUJCIJSfc>

MOTION IN A STRAIGHT LINE L4(DERIVATION OF EQUATIONS OF MOTION USING INTEGRATION AND DIFFERENTIATION):<https://youtu.be/AxhkozLNDO4>

L5:<https://youtu.be/4IkIGhuhuxo>

GRAPHS:<https://youtu.be/4OgPa7MKjRA>

MOTION UNDER GRAVITY:<https://youtu.be/G0ooGZA_gyc>

RELATIVE VELOCITY:<https://youtu.be/3sLGCWGm610>

RAIN-MAN PROBLEMS:<https://youtu.be/tEltpY8vBPM>

RIVER-BOAT PROBLEMS:<https://youtu.be/2QFRRL50-ds>

COMPLETE REVISION OF MOTION IN A STRAIGHT LINE:<https://youtu.be/K_a09clEnlA>

PROJECTILE MOTION L1:<https://youtu.be/iUi1M7YkDe4>

PROJECTILE MOTION L2:<https://youtu.be/dEqKhmTTXJk>

PROJECTILE MOTION L3: <https://youtu.be/js_G3G02AkU>

PROJECTILE MOTION L4:<https://youtu.be/8LhzFYrZF5I>

CIRCULAR MOTION L1(ANGULAR VELOCITY AND DISPLACEMENT:<https://youtu.be/JxttUGnNuCU>

CENTRIPETAL AND TANGENTIAL ACCELERATION:<https://youtu.be/pOvYwchAvCA>

CENTRIPETAL AND CENTRIFUGAL FORCE:<https://youtu.be/Wt9_bvjCFf0>

DERIVATION OF CENTRIPETAL AND CENTRIFUGAL FORCES:<https://youtu.be/QYbyobdXlrg>

BANKING OF ROADS:<https://youtu.be/C0uVC700EIA>

VERTICAL CIRCULAR MOTION:<https://youtu.be/e0Tty0V1q2U>

VERTICAL CIRCULAR MOTION ON A BOWL:<https://youtu.be/_WMTtzIZQR8>