G.P.PORWAL SCIENCE ARTS, COMMERCE AND V.V.SALIMATH SCIENCE COLLEGE SINDAGI

SINDAGI-586128

2022-23

DEPARTMENT OF MATHEMATICS

PROJECT WORK

NAME	:-Gouramma R Hatti
SUBJECT	:-Mathematics
TOPIC	:- Derivative machine
CLASS	:- Bs.c
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Derivative Machine

Derivative machine is very interesting project on maths. To get derive of any function

* Derivative function is a slope of the tangent to graph of that function

* Input is in right side & output on left box (side) that means the function in the right box & derivative on left box.

* 1st we know the derivative of $\sin x$ we have to screw the handle to get it function of derivate $\cos x$ & then $\cos x$ derivative is $-\sin x$. and then e^x derivative is e^x.

* Derivative machine materials are easily available at home