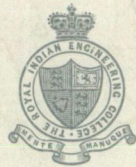


7. Good bye for present.

M.



Coopers Hill, Staines.

10/10

Feb. 16.

Φ,

Ball told me that after a long
and searching examination, you had
succeeded in carrying off the profes-
sorship of Expt. Philosophy.
Congratulations!

I have some business things to write
about.

1. J. W. Clark is anxious to leave this
for a place in wh. he would be
assistant to a good man from whose
work he could learn. You know that
from a Scientific Phenomenologist
he can learn no science.

Now if you are in need of an assistant,

You might favorably consider his claims. He is very good at all practical work.

2°. Send me over the MS Chapters which you wrote out for the great work on "Physical Dynamics". I want to see how to lead up to ^{them} & dove-tail into ^{them} it.

The Theory of Dynamic Machines must be ~~formed~~ ^{formed} into and be fully illustrated.

I have several papers on it, but I hear that there is some French work dealing systematically with it. This I shall hunt up; but at present I don't know the Author's name.

3°. I have given up the terms "Kinetic Energy" and "Potential Energy", & I speak of "Energy" and "Potential Work" — the former being possessed by moving matter, & the latter by forces. Do you

approve ????? 10/10

4°. All such work as that done by Dr. C. Alder Wright on the expression of ~~E.M.F.~~ chemical affinity in terms of E.M.F. (see Phil. Mag., or Proceedings of Physical Soc.) is extremely important, & ought to be quantitatively illustrated.

5°. I shall probably write again on Saturday after I have seen Groves who will then have finished the Momentoplanimeter & Teleomniometer.

6°. Tin plates in H_2O_2 are unmanageable, as there are never-ending & rapidly alternating currents proceeding from the successive oxidations of the plates — so far appreciable to my theory of their oxidation in H_2O under influence of light.