## Experiment 3.

(Related to your core Branch)

i) Planck's constant is a value which determines how much energy of a photon increases when frequency of its EM wave increases by I unit it's denoted by 'h' and its value is 6.3 × 10.34 Is.

2) Planck's constant has helped us to some many complex problems easily and helped us in new discoveries, building laws and theorems one of the major use of Planck's constant is in quantum mechanics. It totally changed the view of people regarding energy of particles.

3) Being in computer science field planck's constant has helped us to simplify the complex and tedious calculations in the programs.

4) Planck's constant has also helped us to invite 100's and display panel which has made computers user

2) Explain other technique or experiment other than the care performed which will achieve the result and fullfill the aim of experiment.

Ans: i) Planck's constant can also be determined by photoelectric effect. It is phenomeron of emission of electrons by certain

friendly and enabled the significant growth of computer

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