

Ballistics: As an Olden Physical Science

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Abstract. Ballistics (Internal, Intermediate, External, Terminal and Wound) a generic term is intended for various engineering and technological applications, which deals with the properties and interactions of matter and energy, space and time. Discovery via experiment provides an essential link between physics and applied system problems. The approach is similar to that of ballistics, which is the name of the applied scientific field. Competence in Physics and Ballistics (PB) is important interdisciplinary research areas in armaments. Because of their interdisciplinary nature, the PB is inseparable from physical, mathematical, experimental and computational aspects. In this context, this paper will provide a brief review into the PB, their important role in the artillery research and also summarize some of the current PB activities in academia, artillery research institute and industry.

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