



035-RUS

Radio-Controlled-Submarine Model for Engineering Education

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The objective of this work is to inspire students' interest in interdisciplinary engineering through the design, fabrication and operation of a radio-controlled-submarine model in B.Sc. graduation project. The model was remotely controlled by a radio-signal unit. Students proposed simple, but effective, approaches for the operation mechanisms and control needs of the submarine model. Generally, students succeeded in constructing and testing their model for surface operation. However, they faced some difficulty in the implementation of the model for underwater operation. In any case, their work represents a good practical experience for such type of models.