

*Because of the having various hardware structures of mines and increased production of different types, both retaining them in their field and by providing various types of these mines it has become difficult to give military training as a result of this, given mine detecting trainings remained at much theory level.*

*In this study in order to make this training more practically oriented a simulation will be developed. In simulation an environment will be created in which the user can select the type of mine, land and soil conditions that he wanted. At the same time, the simulated virtual soldier and the real soldier outside will work simultaneously in a coordinated manner. For this, the virtual soldier will be guided by the device that will be used by the real soldier. With this study it is aimed to obtain an adequate practical training that soldiers could recognize the many mine type. In order to improve the mentioned simulation application, information about mine detection devices and methods used in the world is given. In addition by describing the scope of the training simulator software, the targeted outputs have been revealed.*