

## **Facilities of Aluminium Casting Practice for Mechanical Engineering Program of Ma'arif VHS of Kudus**

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### **ABSTRACT**

*The program is aimed at contributing casting practice facilities for mechanical engineering program of Ma'arif VHS, Kudus. The facilities for casting practice consist of compact crucible furnace, set of mold making, and equipment of melting and pouring were made at Mechanical Engineering and Education Department of Faculty of Engineering of Yogyakarta State University. The method used in this training are speech, demonstration, practice and discussion. 25 participants of teachers and technicians joint the courses which is held in 32 hours within 4 days. Teachers and technicians have able to make sand moulding from styrofoam and wood pattern, operating the crucible furnace, and pouring the aluminium using facilities that had exist.*

**Kata Kunci:** *Practice facilities, aluminium casting, VSH, Mechanical Engineering*