Department of Science and Technology **Balik Scientist Program**









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Engine Development Program / **Development of 8hp Single Cylinder Engine**

Duration: 2022-2023

Host Institution: DOST -Metals Industry Research and Development Center (MIRDC)

Project Description

The Philippines is an agricultural country and in order to support its mechanization, the development and commercialization of single cylinder is imperative for the Nation.

The MIRDC has started developing a 12hp single cylinder engine and it is important to develop different capacities of engine to increase the capability of our country in producing these types of engine

Expertise Needed

- Developer of a simulation model
- Computer Aided Design (CAD)
- Finite Element Analysis