

## 26. DESIGN AND FABRICATION OF LATHE FIXTURE FOR ECCENTRIC OPERATION

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In production industries lathe is the very important machine. Particularly for manufacturing shafts, Bushes, Thread, etc., but for eccentric turning need skill to perform the operations. The fixture is a device, which lies in the category of work holding device. Fixtures are especially useful when large numbers of identical parts are being produced. By using a fixture loading, clamping, locating and unloading time is greatly minimized. The main of this paper is to offset centre are obtained by the movement of the dovetail plate with three jaw chuck to perform eccentric operation and it will reduce the production time.

Keywords- lathe, fixture, dovetails plate.

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