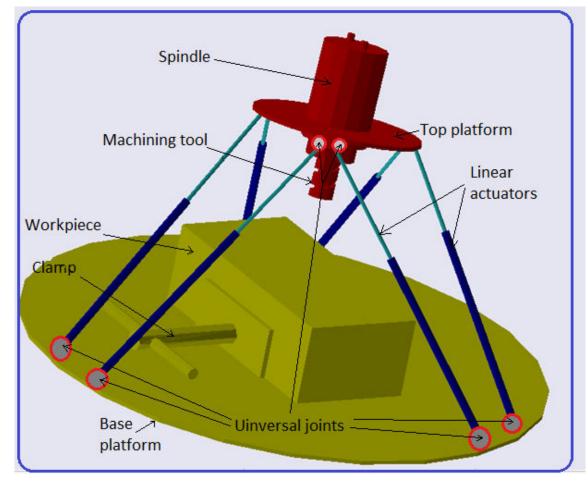


Simple cost-effective table-top multi-axis CNC machine tool configuration

Prof. Shrikrishna N. Joshi, Mechanical Engg., IIT Guwahati (PI)



B. Tech.M. Tech.projects 04Projects 01

Unique configuration

- Multi-axis; 6 Degrees of freedom
- Simple and compact (low foot-print)
- Stiffness of conventional machine tool
- Flexibility of a robot
- Multiple applications: milling, drilling, electric discharge machining, laser machining, deposition based methods (3D printing)

Integrated System

SERB-DST Funded Project (ongoing) INR 37.9 Lakhs (2020-2022) Co-PI: Prof. S. K. Dwivedy

1

Low foot print, affordable to MSMEs, Compact, Multi-axes and Precise machine tool

