CHAPTER 10

SCOPE FOR FUTURE WORK

This investigation has thrown light into the possibility of enhancing the hardness of the components with compressive residual stress produced at the surface in plunge grinding process.

This approach can be attempted to the various components and materials by varying the grade of grinding wheels and grinding parameters to achieve maximum hardness.

Considerable work can be done in this area to establish this procedure of “Grind hardening” as an alternative process of surface hardening to derive technical and economical advantage with reduction in throughput time.