

CHAPTER 62
TECHNOLOGY
PRODUCTION & INDUSTRIAL ENGINEERING

Doctoral Theses

659. PAWAN KUMAR
Analysis of Penetration, Microstructure and Mechanical Properties of some Non-Ferrous Alloys using Gtaw Process.
Supervisor : Dr. C. K. Datta
Th 20243

Contents

1. Introduction. 2. Review of Literature. 3. Experimental details. 4. Parametric study of gas tungsten arc welding. 5. Results and discussion. 6. Conclusions, and scope of the future study. 7. References.

660. GUPTA (Prem Chamd)
Some Studies on Integrated Design Approach for Product Like Strecher under Extreme Ambient Conditions.
Supervisors : Dr. S. K. Garg and Dr. Sachin Maheshwari
Th 20241

Contents

1. Introduction. 2. Literature review. 3. Stretcher designs review. 4. Proposed design approach. 5. Design of lightweight foldable stretcher. 6. Design of the multipurpose army field cot cum stretcher. 9. Conclusions, recommendation and direction for future work. References and appendix.