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## CHAPTER 7

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### **MAJOR CONCLUSIONS**

Based on the experimental findings and important observations in the present investigation, few major conclusions have been drawn and are summarized as follows:

- High wear resistance and high COF of composite in dry working conditions with high wt.% of reinforcement suggests it is suitable for clutch applications in auto industry.
- High wear resistance and low COF of composite in lubricating working conditions with high wt.% of reinforcement makes it suitable for bearing and bushing applications.
- Central composite design of RSM can be effectively applied to develop a mathematical model to optimize the tribological parameters and reduce the number of experiments, which could save the overall time and resource consumptions.