Chapter 7

7.0 SCOPE FOR FUTURE WORK

- This study leaves wide scope for future investigations. This work can be further extended to study other aspects of such composites like effect of fiber content, fiber orientation, loading pattern, fiber treatment on mechanical behaviour of coconut coir based polymer composites and the resulting experimental findings can be similarly analyzed.

- The Natural Fiber Hybrid Composite Material used in this work is proposed for further investigation under various environmental conditions such as, Temperature Variations, Salt Medium Test, Thermal Insulation Test, Electrical Insulation Test in order to find the compatibility for Marine application and Industrial application.

- Tribological evaluation of coconut fiber reinforced epoxy resin composite has been a much less studied area. There is a very wide scope for future scholars to explore this area of research. Many other aspects of this problem like effect of fiber orientation, loading pattern, weight fraction of ceramic fillers on wear response of such composites require further investigation.