CHAPTER 8
SCOPE FOR FUTURE WORK

The following suggestions are recommended for future work.

1. The interlaminar fracture toughness can be conducted on particulate filled glass fabric reinforced polymer composites to find if there is improvement in delamination fracture.

2. Mode II, Mode III and Mixed Mode fracture characterization can also be carried out on these composites.

3. The composite material system can be tried by mixing two different particles in the right proportion.

4. Toughened resins (resins modified with rubber) can also be tested by changing the conventional resin with it. The resulting material system can be particulate filled fiber reinforced toughened resin composites.

5. Different types of fibers like different weave pattern in the weave fabric, knitted fabric, textile fabric, chopped strand mat can also be incorporated in the matrix and tested for both interlaminar and intralaminar fracture under different modes of fracture. The carbon, graphite and aramid fibers can also be tested.