

CHAPTER FIVE

5.0 Conclusion

The study concluded that a slab reinforced with sandal wood at 4% cross-sectional slab area can achieve up to 73% in terms of flexural strength compared with a steel rebar of 10mm diameter. Teak wood can effectively be used as reinforcement in concrete if a sufficient percentage is used as reinforcement in concrete.

5.1 Recommendation

More comprehensive research is essential to explore the potential of locally available Nigeria timbers in various types of concrete under different loading conditions and environments.

More research work should be embarked upon to cover for higher reinforcement percentage (4% and 5% respectively).