4. OBJECTIVES

Objectives of the present project were –

1. To carry out pharmacognostic study of *Triticum aestivum*.

2. To carry out phytochemical studies of *Triticum aestivum* (Wheatgrass) and its various extracts.

3. To evaluate iron chelating activity of various extracts of *Triticum aestivum*.

4. To isolate iron chelating constituent from extract of *Triticum aestivum*, using column chromatography.

5. To evaluate iron chelating activity of isolated constituent of *Triticum aestivum*, using pre-clinical study.

6. Investigation of anti-oxidant property of *Triticum aestivum* in iron overload condition.


8. Assessment of immunomodulatory activity of *Triticum aestivum*. 