Future Prospects

During the course of the research study many new research problems emerged which given an option could be analysed and assessed through further experimentation. These include:

- Biochemical analysis of plant metabolites from Bt and non-Bt Cotton plants
- Characterization of enzymes and other dietary components of the Bt and non-Bt Cotton plants
- Identification of ions leaching from the Bt Cotton plants to soil
- Studying the effect of transgenic protein on soil micro flora and fauna
- Isolating the transgenic protein and studying its biochemistry
- Biosafety tests of the Bt Cotton plant on insects and animal systems
- Sub-chronic and long term rat feeding assays at different doses of transgenic protein.
- Post cultivation long term monitoring of the cotton fields to study its ecological implications
- Continuous evaluation of changing perceptions of the society
- Strengthening of international legally binding legislations over GMCs
- Devising a policy effective locally and coherent globally

Therefore, the current approach to the issue of GMCs usage in agriculture is still subject to scrutiny. A fair, extensive, long term and underpinning research on every aspect is the need of the hour.