Objectives of the present study:

The objectives of present study can be summarized as follows:

1. To develop detailed interactive method for deciding optimum irrigation system with farmers participation and different criterions.
2. To develop method of Multi Criterion Decision Making (MCDM) for deciding the best alternatives.
3. To develop the co-relation coefficient between different ranking patterns obtained by Multi Criterion decision Making (MCDM) methods.
4. The study of group decision making the best alternatives can be easily determined in accordance with the preference of decision maker.
5. The propose study will be helpful as technical data for irrigation department to know efficiencies of the system through ranking pattern.
6. The propose study is guideline for improvement of existing canal system.