

## Research and Development (R&D) Projects:

Research & Development (R&D) wing of the WCSC conducts various Research activities focussing on benefits of Yoga and meditation technique human being, society, plants life and on surrounding environment. Two of such projects undertaken in past are given below:

### Project – 1

**Project Title: Effect of Thought transaction on 'Okra' yield**

Place of the project: Temple of Consciousness Aliyar, Tamil Nadu, India.

Project implementation: 2012 - 2014

Outcome of the project:

- i. Okra plants (*Abelmoschus esculentus* L) respond positively to thought transaction (Blessings waves) at low mental frequency (theta range - 5 to 4 cycles per second), 60 to 120% increased yield over untreated control.
- ii. Spray application of Panchagavya (a cow product) at 3% spray three times at 15 days interval during growth period enhanced the yield by 68% over control.
- iii. This finding will enhance food production and mitigate environmental pollution and eliminate health hazards.

### Project – 2

**Project Title: Bio-prospecting the scientific principles on the use of Bio- Electromagnetic Energy as a new paradigm in improving soil health, crop productivity and drought resistance.**

Place of the project: Tamil Nadu Agricultural University, Coimbatore, India.

Project implementation: 2015 - 2018.

Outcome of the project:

Bio - Electromagnetic Energy (Bio - Em) transmitted as thought waves at theta range (5 to 4 cycles per second) suggesting good crop growth, yield and drought resistance on Okra plants (*Abelmoschus esculentus* L.) gave significantly higher yield than untreated control.

Bio - Em when given in combination with Panchagavya (a cow product) 3% spray, three times at 15 days interval during plant growth period recorded the highest value for biometric, yield and quality parameters than when Bio - Em given alone.

Bio - Em found to influence the efficiency of water use thereby enhancing the drought tolerance apart from giving higher yield and improved biometric parameters compared to 50% reduced irrigation alone. This will help in growing a normal crop in areas of water scarcity.