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Silkworm Improvement & Production (Multivoltine)

MANDATE:

- To undertake research project/ programme for silkworm improvement through conventional breeding and modern approaches in collaboration with national & international Institutes.
- To develop productive polyvoltine breeds having tolerance to high temperature and BmNPV.
- To undertake pre and post authorization of promising hybrids.
- To maintain and supply breeders multivoltine stocks.
- To carryout research on reproductive potential of races/ hybrids newly developed.
- To produce and supply silkworm seed of newly evolved races/ hybrids for field trails.
- To undertake multiplication of productive and new silkworm races (multi x bivoltine), generation of seed cocoons and F1 dfls.
- To carryout research for optimizing yield through improved rearing technology packages for races/ hybrids.
- To carryout research for development of tools/ equipment/ machines/ rearing houses for silkworm rearing.
- To undertake the large scale evaluation programmes of new or introduced silkworm hybrids for commercial exploitation.
- To up keep of the scientific equipments in the their respective labs.

SCIENTISTS:

Name	Designation
Dr. Chandra Shekar, K.B.	Scientist - D & Head
Dr. Sabitha, M.G.	Scientist - D
<u>Dr. Purushotham, S.</u> [3]	Scientist - D
<u>Dr. Santha, P.C.</u> [4]	Scientist - D
Ms. Soudamani, P.V.	Scientist - D

Name	Designation
<u>Sh. Satish B Kulkarni</u> ^[5]	Scientist - D

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Links:

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- [2] <http://www.csrtimys.res.in/sites/default/files/profiles/bio-bhagya.pdf>
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