

CENTRAL SERICULTURAL RESEARCH AND TRAINING INSTITUTE
MYSURU

No.CSB/RTI/PMCE/2019-20/A-01/73(IND)

Date: 02/07/2019

OFFICE ORDER

Sub: Re-orientation of Division/Section - reg.

In order to utilise the scientific/technical manpower pledged with the Institute, more effectively and efficiently for meeting the set R&D/Extension/HRD and support service targets, besides timely and smooth execution/Implementation of work elements as per set action plan, the re-orientation of the Division/Sections there of, is ordered hereby with immediate effect.

The mandate of work allocations/assignments to be carried out by the respective Divisions/Sections as regards to R&D, Extension, HRD and support service activities along with component of scientific/technical persons involved in each discipline is shown as below. The Divisional Heads shall be responsible for execution and implementations of the work elements as assigned to the disciplines under their control and shall be directly answerable to the undersigned for any lapse or lacunae. The sectional scientists shall equally be responsible for the execution and fulfilment of the work elements they are assigned with and shall remain answerable as well. This order comes in force forthwith.

FARM MANAGEMENT

Divisional Head : Dr. Srinivasa, B.T., Sci-D

- To maintain host plant plantations & general plots and to supply quality foliage for silkworm rearing to the silkworm divisions.
- To raise and supply improved host plant seed material (cuttings, saplings).
- General maintenance & up keep of the institute & V.P.Farm.
- To maintain tractor, power tiller & other farm implements & machineries.
- Any other works assigned by competent authority as & when required.

Scientists	
Dr. Srinivasa, B.T., Sci-D	Smt. Anuradha H. Jingade, Sci-D
Shri. Sanath Kumar, Y.N., Sci-C	

HOST PLANT IMPROVEMENT & PROTECTION

Divisional Head : Dr. Pratheesh Kumar, P.M., Sci-D

- To undertake research projects/ programmes concerning host plant improvement by using Conventional breeding, Genetics, Tissue Culture, Molecular biology, Bioinformatics, Physiological and modern approaches in collaboration with national & international Institutes.
- To develop disease resistant and productive mulberry genotypes suitable to serizones of South India.
- To develop superior mulberry varieties suitable to moisture stress environments and drought conditions.
- To develop superior mulberry varieties by exploitation of hybrid vigour based on molecular diversity of promising parental lines.


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- To undertake DNA marker aided analysis of mulberry gene bank for sustainable conservation and utilisation in crop improvement.
- To undertake and monitor AICEM trails of the South zone.
- To act as the progenitor for supply of improved mulberry stocks to the test centres across the country.
- To undertake the development of transgenic mulberries for desirable trait utilisation.
- To undertake pre and post authorisation trails of improved mulberry varieties.
- To maintain breeders seed plots, demonstration plots and germplasm accessions.
- To undertake DUS trials to register mulberry varieties with PPV&FRA
- To carryout research for developing technologies/ packages for mulberry disease and pest management.
- To carryout survey and surveillance of mulberry and pests to develop forewarning systems.
- To develop a database of the mulberry diseases.
- To up keep of the scientific equipments in the their respective labs.
- Any other works assigned by competent authority as & when required.

Scientists	
Dr. Pratheesh Kumar, P.M., Sci-D	Dr. Gandhi Doss, S., Sci-D
Dr. Tanmoy Sarkar, Sci-C	Dr. Arun Kumar, G.S., Sci-C
Ms. Bhavya, M.R., Sci-B	Dr.Gnanesh Nanjappa, Ramanujan Fellow

HOST PLANT PRODUCTION

Divisional Head : Dr.C.M.Babu, Sci-D

- To carryout research projects/ programmes for optimizing host plant yield through agronomical, nutritional packages and physiological approaches in collaboration with national & international Institutes.
- To undertake the research in the areas of mulberry, soil health management, soil fertility etc.
- To monitor the soil fertility status of mulberry gardens and creation of data base, issue of Soil Health Cards/Certificates.
- To test and certify of quality of Products/Disinfectants.
- To undertake long term effect studies on mulberry cropping systems on soil biology and productivity.
- To evaluate the conjunctive use of nitrification inhibitory for efficient utilization of nitrogenous fertilizers.
- To undertake the studies on the factors influencing the nutrient uptake and its use efficient in mulberry.
- To carryout the studies in the area of agriculture engineering and to facilitate mechanization in crop production.
- To up keep of the scientific equipments in the their respective labs.
- Any other works assigned by competent authority as & when required.

Scientists	
Dr. C. M. Babu, Sci-D	Dr. Sibayan Sen, Sci-C
Dr. Gayathri, T., Sci-C	Dr. Ravindra, Sci-C
Dr. Shobhana, V., Sci-C	Dr. Dhaneshwar Padhan, Sci-B
Dr. Divya Singh, Sci-B	Shri. Vipin Kumar, Sci-B

SILKWORM CROP IMPROVEMENT & PRODUCTION (Bivoltine)

Divisional Head : Dr. Manthira Moorthy, S. Sci-D

- To undertake research project/ programme for silkworm improvement through conventional breeding, Genetics, Molecular biology, bioinformatics, physiological and modern approaches in collaboration with national & international Institutes.
- To develop robust bivoltine hybrids tolerant to high temperature using markers assisted selection.
- To develop productive NPV tolerant bivoltine breeds/ hybrids carrying BmNox marker assisted selection.
- To undertake the evaluation programmes of new or introduced silkworm hybrids for commercial exploitation.
- To undertake pre and post authorization of promising silkworm breeds/hybrids.
- To undertake the research on bye products and value addition of silkworms.
- To understand MSRAP trials and to act as the progenitor for evolved promising silkworm races.
- To maintain and supply breeders bivoltine stocks and P4 bivoltine stocks & to SSBS.
- To carryout research on reproductive potential of races/ hybrids newly developed.
- Bio Informatics support for R&D Activities.
- To up keep of the scientific equipments in the their respective labs.
- Any other works assigned by competent authority as & when required.

Scientists/Officers	
Dr. Manthira Moorthy, S. Sci-D	Dr. Meenal, R., Sci-D
Dr. Madhusudhan, K.N., Sci-C	Dr. Ranjani, M.S., Sci-C
Dr. Kusuma, L., Sci-C	Dr. Satish, L., Sci-C
Dr. Yeruva Thirupathaiyah, Sci-C	Dr. Bhuvaneshwari, E., Sci-C
Smt. Sumathy, R. Information Officer	

SILKWORM CROP IMPROVEMENT & PRODUCTION (Multivoltine)

Divisional Head : Dr. Chandra Shekar, K.B., Sci-D

- 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.
- Any other works assigned by competent authority as & when required.

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Scientists	
Dr. Chandra Shekar, K.B., Sci-D	Dr. Sabitha, M.G., Sci-D
Dr. Purushotham, S., Sci-D	Smt. Soudaminy, P.V., Sci-D
Shri. Satish B. Kulkarni, Sci-D	Dr. Santha, P.C., Sci-D

SILKWORM CROP PROTECTION

Divisional Head : Dr. Mary Josepha Sherry, A.V., Sci-D

- To carryout research for developing technologies/ packages for silkworm disease and pest management in collaboration with national & international Institutes.
- To carryout survey and surveillance of disease & pests and to develop forewarning systems.
- To maintain silkworm pathogens and evaluation of their virulence.
- To provide disease monitoring support to seed multiplication centres and PMC activities.
- To maintain, multiply and supply bio-control agents of host plant and silkworm pests.
- To undertake habitat studies - impact of crop diversity on conservation and performance of parasitoids and predators in mulberry crop systems.
- To undertake the management strategies for uzifly and Giant African Snail and Papaya Mealy bug, Leaf roller and other pests outbreaks in mulberry.
- To study the factors responsible for silkworm crop losses.
- To test and certify of quality of Products/Disinfectants.
- To up keep of the scientific equipments in the their respective labs.
- Any other works assigned by competent authority as & when required.

Scientists	
Dr. Mary Josepha Sherry, A.V., Sci-D	Dr. Mahiba Helen., Sci-D
Dr. Mallikarjuna Gadwala, Sci-C	

Sericulture Extension Economics & Management

Divisional Head : Sh. Selvaraju, N.G., Sci-D

- To carryout research in the areas of Extension, Economics and Social sciences related to sericulture.
- To undertake extension activities for dissemination and promotion of technologies.
- To popularize technologies through regional research stations and nested units
- To undertake adoption and absorption of technologies with the stakeholders and to assess adoption/absorption level in the field.
- To coordinate On-Farm Trials, On-Station Trails, Multi-Locational Trials, pre and post authorization trials etc.
- To monitor & coordinate the extension activities being taken at nested RSRs & RECs.
- To conduct & participate in extension communication programmes & RKM in Karnataka
- To coordinate with departments of sericulture of State governments, NGOs etc.
- To formulate, monitor and execute the CPP/IVLP programmes for promotion of Bivoltine sericulture
- To develop the strategies for technology transfer to women sericulturists/ stake holders and to augment their involvement.
- To co-ordinate the various visitors service to the institute.
- Any other works assigned by competent authority as & when required.

Sh. Selvaraju
2/7/19

Scientists	
Sh. Selvaraju, N.G., Sci-D	Dr. Geetha, G.S., Sci-C
Smt. Joycy Rani Dasari, Sci-C	Shri. Amit Saha, Sci-B

TRAINING

Divisional Head : Dr.Narendra Kumar, J.B., Sci-D

- To carryout research projects/programmes in the areas of human resources development for an easy understanding of sericulture.
- To conduct training programmes concerning structured and non-structured courses, in the areas of Skill development, Technology upgradation, Entrepreneurship development, for the benefit of sericulturists, teachers, bankers, in-service personnel of seri-sector, students and overseas trainees.
- To undertake and implement ISDS programme of MOT as per set action plan.
- To look after the training, hostel management and related activities there of.
- To undertake specialised training programmes in sericulture on demand from other organisations.
- To ensure demonstration of chawki rearing technology through model CRC.
- Any other works assigned by competent authority as & when required.

Scientists	
Dr. Narendra Kumar, J.B., Sci-D	Dr. Muthulakshmi, M., Sci-D

PROJECT MONITORING, COORDINATION & EVALUATION

Divisional Head : Dr. Vineet Kumar, Sci-D

- To prepare annual action plans and Results Framework Documents for the Institute and nested units.
- To coordinate and monitor R&D, Training and Extension activities of the Institute for effective implementation of the mandate.
- To evaluate Research, Extension and HRD proposals for seeking clearance of the advisory/ funding authorities.
- To conduct meetings of Research Council, Research Advisory Committee and other meetings and to prepare required minutes of the meetings and follow-up.
- To prepare periodic progress reports and state-of-art reports.
- To coordinate preparation of institute publications and to prepare Annual Reports and other related documents.
- To coordinate with universities, research Institutes in respect of academic and inter-institutional programmes
- To facilitate patent and commercialization of inventions and to act as a Patent Cell of the Institute.
- To look after the EM (Electron Microscope) functioning, its upkeep, maintenance and to execute for EM studies as when entrusted.
- To prepare technical/scientific reports/notes and write ups.
- To facilitate participation of personnel in training programmes, seminars, workshops and conferences.
- To prepare, update and maintain databases on personnel, projects/ programmes/production statistics etc.
- To coordinate Inter-Institutional and International collaborative projects/programmes.
- Any other works assigned by competent authority as & when required.

R. Saha
2/7/15

Scientists/ Officers	
Dr. Vineet Kumar, Sci-D	Dr. Balachandran, N., Sci-D
Smt. Rekha, M., DD (Stat)	Shri. Munikrishnappa, AD (S.M.)

Sericulture Engineering and Post-cocoon Evaluation

Divisional Head: Sh. Shivakumar M Hukkeri, Sci-D

- To carryout research projects/programmes in the area of agricultural engineering for ensuing tangible mechanisation in sericulture and to undertake innovative works/designing and development of items to support host plant and silkworm crop production disciplines through fabrication of tools/equipment/machines to achieve reduction in cost of production, drudgery, operational time and save on resources.
- To carryout research projects/programmes/works for developing reeling packages for newly developed hybrids, wherever required.
- To carryout evaluation studies for cocoon quality assessment of newly developed breeds/hybrids from laboratory and field samples.
- To up keep of the Machineries & equipments in the SE & Reeling sections.
- Any other works assigned by competent authority as & when required.

Scientists	
Shri.Shivakumar M Hukkeri,Sci-D (R&S)	Shri.Chandrashekhar,M.N.,Sci-D (R&S)

Computer Section

Sectional Head: Shri.V.Ganesan DD (Comp.)

- To maintain the servers and to ensure upkeep there of.
- To provide infrastructural and technical support to all personnel in computing and computer facilities.
- To maintain computing, LAN and associated facilities for the benefit of personnel.
- To set right the faults in the computers etc. of the scientists working at their places.
- To develop need based softwares and programs.
- To update and maintain Institute website.
- To ensure AMC and timely renewal of Computers, UPS, LCD projectors and other accessories.
- To maintain & provide Video conference facility of the institute.
- To extend support for FAS, PRS, PFMS, AEBAS, Bio-metric attendance & other software related assistance to institute and nested units.
- Any other works assigned by competent authority as & when required.

Scientists/ Officers	
Shri. Ganesan, V., DD (Comp.)	Shri.Guneshwar Kumar Churendra, Comp. Prog.

Shri. Ganesan V.
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Library & Information Centre [Under the control of PMCE]

- To procure, maintain and provide books
- Journals/magazines to Institute personnels
- To provide bibliographic data retrieval assistance to R & D personnel
- To compile and publish bibliographic references on Sericulture sciences - SERIDOC.
- Any other works assigned by competent authority as & when required.

Scientists/ Officers	
Shri. Ramakrishna, V., Lib.& Info. Asst.	

Publicity [Under the control of PMCE]

- To coordinate preparation of Institute publications and to prepare Annual Reports, newsletters, pamphlets and brochures, etc., and other related documents.
- Liaison with Press and Media to cover events and publicity in newspapers.
- Preparation and issue of Smart ID cards.
- Coverage of visit of delegates to CSRTI, Mysuru and documentation.

Scientists/ Officers	
Shri.Kiran Batheri, Superintendent (Pub.)	

Hindi Section (OL)

Sectional Head: Shri.S.K.Upadhyay DD (OL)

- To implement official language implementation programmes as per guidelines of Government of India

Officer	
Shri. Surendra Kumar Upadhyay, DD(OL)	

Further as communicated earlier vide Ir No.CSB/RTI/PMCE/A-03/2018-19/202 dated 13/03/2019 the Divisional Heads are fully responsible for proper management of project information in the event of scientists getting transfer, VRS and superannuation from Board's services and should ensure proper handing over and taking over of project documents, files, registers, information and data in the above eventuality.

This is for strict compliance.


DIRECTOR.

Copy to : Divisional Heads
Sectional Heads
All the concerned and their personal files.
D.D. (A&A) & A.D. (Estt.) for information.