



CSRTI Mysore

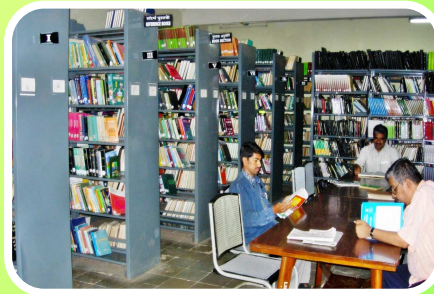
*An Institute par Excellence for Research
& Training in Tropical Sericulture*



Training Calendar 2013-14



Training facilities at CSRTI Mysore



Hostels



Silk - The Queen of Textiles

Silk is one of the oldest fibers known to man and remains as the most loved fibre, the world over. With its unparalleled grandeur, the silk fabric has reigned as the undisputed “**The Queen of Textiles**” over the centuries. Luxury, elegance, class, natural sheen, inherent affinity for dyes and rich colors, light weight, poor heat conduction, resilience and excellent drape are some of its irresistibly endearing qualities. In India, silk is considered to be a holy fibre from time immemorial, as no religious ceremony is complete without the use of silk.

Although silk is a high value textile and consumed more by higher strata of society, sericulture industry plays an important role in economic development of a country. Among all types of silks, mulberry silk alone accounts for about 90 % of total silk produced in the country. It is a highly employment oriented and remunerative industry that churns out many value added products of economic importance.

CSRTI - An Institute par excellence for Research and Training in Tropical Sericulture

The Central Sericultural Research and Training Institute (CSRTI), Mysore was established in 1961 at Channapatna as Training School which was later shifted to the Mysore in 1963 with a prime objective of providing much needed Research and Development support to the Sericulture Industry. CSRTI has well equipped R&D laboratories with a wide range of modern equipments. Today, the institute positions itself as the premier institution for sericulture research and training par excellence with all modern facilities and infrastructure. Over the decades, the Institute has grown in its stature and gained National and International repute. The institute undertakes the entire gamut of sericultural R&D activities to cater to the needs of the mulberry silk industry of Karnataka, Andhra Pradesh, Tamil Nadu, Kerala, Maharashtra, and Madhya Pradesh.

The Institute has a **Library** equipped with all the modern facilities, CD-ROM Database, subscribing 112 journals of International repute and having a collection of over 10,000 books, technical reports and 6,000 bound volumes of scientific journals. **Training Division** of the Institute is housing fully equipped Lecture Halls with latest audio-visual aids, Internet with LAN, exclusive Rearing Houses, Hostels to accommodate 150 incumbents at a time and various other amenities like transport, medical, recreation, etc. It has close interactions with different Universities, Institutes, Departments of Sericulture and farmers. It also provides expert guidance and infra structural supports for undertaking research works by M.Sc. dissertations and Doctoral degrees.

ISO Certified Training at CSRTI, Mysore

During 1965, the training component was added by merging All India Sericulture Training School to the Institute, giving its present name – CSRTI, Mysore. With the growing need to develop human resource in sericulture, an **International Centre for Training and Research in Tropical Sericulture (ICTRETS)** was also established at the Institute in 1980 under *Indo-Swiss Technical Co-operation programme*. Since 1991, the CSRTI has collaboration with **Japan International Co-operation Agency (JICA)** for conducting research and training to establish and promote the *Bivoltine Sericulture Technology* in India. Further, to cater to the increasing need of basic infrastructure and the state-of-art facilities for training in sericulture, a full-fledged campus for training - *Training Division* was established at CSRTI in 1995. All this helped in generation of trained manpower to meet the challenges of sericulture industry in India as well as other developing countries.

During the course of time, the Institute has not only grown into a premier organization, *par excellence*, for research and development, but also a centre of excellence for providing training in the field of mulberry sericulture, especially for tropics. Recently, the CSRTI Mysore has been accredited with ISO 9001:2008 Certification for its quality management system in design, development and conduct of training courses related to sericulture. Thus, it has become India's first institution to be ISO 9001 certified for all its systematic approaches and practices in providing training in sericulture, bench marking it with one among the best across the world.

The mission of the training centre is to train officials, farmers and students in a qualitative manner, so that they become effective in service delivery. CSRTI Mysore has been imparting training to the stakeholders in different aspects of pre-cocoon sector. It has identified five segments of the training programmes detailed on next page.

- 1. Certificate courses for Bivoltine Sericulture :** The certificate courses are conducted to train DOS officials from different states on specific aspects of sericulture technology. During the year 2013-14, one batch of certificate course on Intensive Bivoltine Training of 35 days duration will be organized.
- 2. Management Development Programme (MDP) for Officials :** Management Development Programme under Central Sector Scheme (CSS-2109) is for DOS and CSB officials. Under the programme, different training courses viz., Refresher Course, Young age silkworm rearing (Chawki rearing), Soil analysis, Integrated pest and disease management, Mechanization in sericulture and maintenance of equipments, Late age silkworm rearing, Organic farming and Extension management are conducted. This programme has a major emphasis on the new bivoltine sericulture technology.
- 3. Technology Upgradation Programme (TUP) for farmers :** Technology Upgradation programme under Central Sector Scheme (CSS-2109) is for farmers from different states sponsored by the concerned DOS. Under the programme, different training courses viz., Young age silkworm rearing (Chawki rearing), Late age silkworm rearing, Mulberry cultivation and organic farming, Integrated pest and disease management Mechanization in sericulture and maintenance of equipments and protocol on bio-control agents are conducted. This programme has a major emphasis on the new bivoltine sericulture technology.
- 4. Integrated Skill Development Programme (ISDS) :** The Ministry of Textiles, Govt. of India, has recently launched a flagship scheme of training for unemployed rural youth to provide skill training in various aspects of sericulture to them under “Integrated Skill Development Scheme” in sericulture. The scheme is being implemented by CSRTI, Mysore since November 2011 and so far 175 beneficiaries have been trained. Each training course is of 15 days duration covering theory and practical aspects of sericulture. The main objective of the programme is to train them as entrepreneurs in sericulture. This programme offers free boarding and lodging besides travel expenses incurred by the trainees.
- 5. Need Based Training (NBT) programmes :** Considering the increasing demand from different state governments, NGO's, progressive farmers and new entrants in sericulture, several short duration training courses are being organized. Such programmes will be arranged based on the need of the stakeholders. The programme will be on payment of cost basis depending on the duration of course. Under NBT, the cost of accommodation, food and transport is to be born by the trainee themselves or sponsoring agency.

For training programmes kindly contact at the following address :

Director
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CENTRAL SERICULTURAL RESEARCH AND TRAINING INSTITUTE, MYSORE
(An ISO 9001:2008 Certified Institution for Training in Sericulture)

TRAINING PROGRAMMES 2013-14

Course code.	Name of the Course	No. of Batches/ Intake/ batch	Period/ Duration	Nomination by	Course fee (Rs.)	Course Coordinators	Key contents
1. CERTIFICATE COURSES							
CR 13-14/IBT-01	Intensive Bivoltine Training	1 (10)	18.11.2013 - 21.12.2013 (35 days)	DOS TN, AP, KAR & MAH	300.00	Ms. Suma. A.S Dr. S. D. Sharma	Importance of bivoltine sericulture, production of quality leaves through improved cultivation packages, disinfection and hygiene in bivoltine silkworm rearing, rearing technology package, management of diseases and pests in mulberry and silkworm etc.
2. MANAGEMENT DEVELOPMENT PROGRAMME FOR - OFFICIALS							
MDP 13-14 /RC-01 MDP 13-14 /RC-02	Refresher Course for CSB/ DOS Officials	2 (15)	08.07.2013 - 12.07.2013 11.02.2014 - 15.02.2014 (5 days)	DOS TN, MAH & AP		Dr. S.D. Sharma Dr. Vineet Kumar	Soil fertility management., Mulberry varieties, package of practices for mulberry garden, vermi-compost, biofertilizers, silkworm breeds, mulberry and silkworm crop protection, mechanization in sericulture.
MDP 13-14 /CHR-01 MDP 13-14 /CHR-02	Chawki Rearing for CSB/ DOS Technical staff	2 (15)	19.08.2013 - 26.08.2013 30.01.2014 - 06.02.2014 (8 days)	DOS KAR DOS AP/ TN & AH		Ms. Suma,A.S. Dr. S. N. Pallavi	Chawki silkworm rearing, disinfection & hygiene, organization of commercial CRC, chawki garden maintenance, pest & disease control

Course code.	Name of the Course	No. of Batches/ Intake/ batch	Period/ Duration	Nomination by	Course fee (Rs.)	Course Coordinators	Key contents
MDP 13-14 IPM -01	Integrated Pest and disease Management (IPM)	1 (10)	25.06.2013 - 9.06.2013 (5 days)	DOS MAH, AP, KAR & TN	-	Dr. S. N. Pallvi Dr. R. Bhagya	Disinfection, selection of disinfectants, estimation, preparation, disinfection of rearing house, Silkworm diseases and their management hygiene, bed disinfectants, mulberry diseases and their management, mulberry pests – tukra & leaf roller and their management Silkworm pests – uzifly, IPM to control uzifly.
MDP 13-14/MSM -01	Mechanization in Sericulture & Maintenance of Equipments (MEM)	1 (10)	26.11.2013 -29.11.2013 (4 days)	DOS MAH, AP, KAR & TN	-	Dr. Satish Verma Dr. Vineet Kumar	Mechanization in sericulture, mulberry plantation for mechanized sericulture, operation & maintenance of CRC equipments & machines for inter cultural operations.
MDP 13-14/LAR -01	Late age silkworm rearing	1 (10)	28.08.2013 - 06.09.2013 (10 days)	DOS MAH, AP, KAR & TN	-	Dr. S. N. Pallavi Dr. S.D. Sharma	Late age rearing - shoot rearing technology, disinfection & hygiene maintenance, pest and disease control, spinning and mounting technology etc.
MDP 13-14 EXTN-01	Extension management	1 (10)	21.10.2013 - 25.10.2013 (5 days)	DOS MAH, AP, KAR & TN	-	Dr. R. Bhagya Dr. S. N. Pallavi	Extension programme planning & management, PRA techniques, role of NGO's, SHG,s, Quality clubs & motivation & leadership, adoption & diffusion of innovations.

Course code.	Name of the Course	No. of Batches/ Intake/ batch	Period/ Duration	Nomination by	Course fee (Rs.)	Course Coordinators	Key contents
3. TECHNOLOGY UPGRADATION PROGRAMME FOR FARMERS							
TUP 13-14/CHR- 01 TUP 13-14/CHR- 02 TUP 13-14/CHR- 03 TUP13-14 /CHR- 04 TUP 13-14/CHR- 05 TUP 13-14/CHR- 06 TUP13-14 /CHR- 07 TUP 13-14/CHR- 08 TUP 13-14/CHR- 09	Chawki rearing for farmers	9 (15)	27.06.2013 - 04.07.2013 18.07.2013 - 25.07.2013 29.08.2013 - 05.09.2013 19.09.2013 - 26.09.2013 24.10.2013 - 31.10.2013 28.11.2013 - 05.12.2013 30.12.2013 - 06.01.2014 20.01.2014 - 27.01.2014 20.02.2014 - 27.02.2014 (08 days)	DOS KAR DOS KAR DOS KAR DOS TN, DOS KAR DOS KAR DOS KAR DOS AP DOS MAH	-	Ms. Suma, A.S. Dr. S.D. Sharma	Chawki silkworm rearing, disinfection & hygiene, organization of commercial CRC, maintenance of chawki garden, pest & disease control
TUP 13-14/LAR-01 TUP13-14/LAR-02 TUP13-14/LAR-03	Late age silkworm rearing for farmers	3 (15)	10.07.2013 - 19.07.2013 04.12.2013 - 13.12.2013 12.03.2014 - 21.03.2014 (10 days)	DOS KAR DOS AH, DOS AP		Dr. S.D. Sharma Dr. Vineet Kumar	Late age rearing - shoot rearing technology, disinfection & hygiene maintenance, pest and disease control, spinning and mounting technology etc.,.
TUP 13-14/MCL-01 TUP 13-14/MCL-02 TUP 13-14/MCL-03 TUP 13-14/MCL-04	Mulberry cultivation & Organic Farming	4 (15)	11.06.2013 - 15.06.2013 02.9.2013 - 06.09.2013 17.12.2013 - 21.12.2013 04.03.2014 - 08.03.2014 (5 days)	DOS KAR DOS MAH DOS TN DOS AP DOS MAH DOS KAR		Dr. R. Bhagya Ms Suma A. S.	Preparation of nursery, raising of saplings, Pit and trench plantation, Package of practices. Mulberry pest and disease management. Composting and vermi-composting Growing green manuring crops, Biofertilizers - <i>Azotobacter</i> , <i>Azospirillum</i> , VAM, Phosphate solublizing microorganisms / Bacteria (PSM / PSB),
TUP 13-14/IPM-01 TUP 13-14/IPM-02 TUP 13-14/IPM-03 TUP 13-14/IPM-04	Integrated Pest and disease Management (IPM)	4 (10)	02.07.2013 - 06.07.2013 24.09.2013 - 28.09.2013 25.11.2013 - 29.11.2013 24.02.2014 - 28.02.2014 (5 days)	DOS KAR DOS MAH DOS AP DOS TN DOS KAR DOS MAH	150.00	Dr. S. N. Pallavi Dr. Vineet Kumar	Disinfection, selection of disinfectants, estimation, preparation, disinfection of rearing house, Silkworm diseases and their management hygiene, bed

Course code.	Name of the Course	No. of Batches/ Intake/ batch	Period/ Duration	Nomination by	Course fee (Rs.)	Course Coordinators	Key contents
							disinfectants, mulberry diseases and their management, mulberry pests – tukra & leaf roller and their management, Silkworm pests – uzifly, IPM to control uzifly.
TUP 13-14/MSM-01 TUP 13-14/MSM-02	Mechanization in sericulture and maintenance of equipments	2 (10)	04.06.2013 - 07.06.2013 07.10.2013 - 10.10.2013 (4 days)	DOS TN DOS AP DOS KAR		Dr. Satish Verma Dr. Vineet Kumar	Introduction to mechanization in sericulture, mulberry plantation for mechanized sericulture, operation & maintenance of CRC equipments. Machines for inter cultural operations.
4. INTEGRATED SKILL DEVELOPMENT SCHEME (ISDS)							
ISDS 13-14/CCRC- 01 ISDS 13-14/CCRC- 02 ISDS 13-14/CCRC- 03 ISDS 13-14/CCRC- 04	Commercial Chawki Rearing	4 (15)	25.04.2013 - 09.05.2013 14.06.2013 - 28.06.2013 18.11.2013 - 03.12.2013 12.03.2014 - 26.03.2014 (15 days)	DOS KAR DOS TN	-	Dr. S.D. Sharma Dr. R. Bhagya	Commercial Chawki silkworm rearing, disinfection & hygiene, organization of commercial CRC, maintenance of chawki garden, pest & disease control. Managerial inputs including HRD and preparation of project for financial assistance.
ISDS 13-14/MCT- 01 ISDS 13-14/MCT- 02 ISDS 13-14/MCT- 03	Mulberry Cultivation & its Seed multiplication	3 (15)	16.04.2013 - 30.04.2013 25.07.2013 - 08.08.2013 05.02.2014 - 19.02.2014 (15 days)	DOS KAR DOS AP DOS TN	-	Ms. A. S. Suma Dr. Vineet Kumar	Preparation of nursery, raising of saplings, Pit and trench plantation, Package of practices. Mulberry pest and disease management. Composting and vermi-composting techniques for conservation of seri-waste into value added manure. Managerial inputs including HRD and preparation of project for financial

Course code.	Name of the Course	No. of Batches/ Intake/ batch	Period/ Duration	Nomination by	Course fee (Rs.)	Course Coordinators	Key contents
							assistance.
ISDS 13-14/QCP-01 ISDS 13-14/QCP-02 ISDS 13-14/QCP-03	Quality Bivoltine Cocoon Production	3 (15)	27.05.2013 - 10.06.2013 15.10.2013 - 29.10.2013 21.01.2014- 03.02.2014 (15 days)	DOS KAR DOS TN DOS MH	-	Dr. R. Bhagya Dr. S.N. Pallavi	Incubation of eggs, Black boxing, hatching, Chawki rearing, Late age rearing, silkworm disease and pest management, disinfection and hygiene, mounting, spinning harvesting, cocoon assessment. Transporting and marketing .
ISDS 13-14/CHC- 01 ISDS 13-14/CHC- 02 ISDS 13-14/CHC- 03	Cocoon handicrafts	3 (15)	02.05.2013 - 16.05.2013 16.09.2013 - 30.09.2013 11.02.2014 - 25.02.2014 (15 days)	DOS KAR DOS TN/AP	-	Dr. Vineet Kumar Ms. Suma, A.S.	Selection of cut cocoons, Selection of dyes, Preparation of dye for coloring the cocoons, Cutting of cocoons Preparation of different types of flowers, Arrangement of flowers in vases, Preparation of garlands. Preparation of greeting cards, wall plates.
ISDS 13-14/IPDM- 01 ISDS 13-14/IPDM- 02 ISDS 13-14/IPDM- 03	Integrated Pest and disease management	3 (15)	15.05.2013 - 29.05.2013 22.08.2013 - 05.09.2013 12.11.2013 - 26.11.2013 (15 days)			Dr. S. N. Pallavi Dr. S. D. Sharma	Different type of diseases and pests of silkworm and mulberry, Integrated pest management of mulberry, Integrated pest management of silkworm, disease management in mulberry, disease management in silkworm rearing, Disinfection and hygiene in sericulture besides general topics in sericulture
5. TRAINING PROGRAMMES ON REQUEST FOR WHICH FORMAL REQUEST SHOULD BE MADE DIRECTOR, CSRTI, MYSORE WITH SUBJECT, DURATION AND NUMBER OF TRAINEES							

Note : The participants are requested to confirm their participation in the programme well in advance.

TRAINING FACULTY

Subject	Name of the Faculty	
Moriculture	Dr. T. Thippeswamy, Sci-D	Ms. V. Nishita Naik,Sci-C
	Dr. M.K.P. Urs, Sci-C	Dr. Balaji Chowdary,Sci-C
	Dr. Dasappa, Sci-C	Dr. C.M. Babu, Sci-C
	Dr. D.D. Sharma,Sci-C	Mr. K. Vedavyasa, Sci-C
	Mr. J. P. Renukeshwarappa Sci- C	Dr. P. M. Pratheesh Kumar,Sci-C
	Dr. V. Gunashekhar, Sci-C	Dr. Gandhi Doss, Sci-C
	Dr. R. S. Katiyar, Sci-C	Dr. S. Sen, Sci-B
	Ms. M. G. Sabhitha, Sci-C	Mr. Vinod Yadav,Sci-B
	Mr. B. T. Srinivas, Sci-C	
Sericulture	Dr. S. Nirmal Kumar, Sci-D	Dr. D.S. Somaprakash, Sci-C
	Dr. Kanika Trivedi, Sci-D	Dr. S. N. Pallavi, Sci-C
	Dr. S.D. Sharma, Sci-D	Dr. P.C. Shantha, Sci-C
	Dr. A. Naseema Begum, Sci-D	Dr. K. K. Sharmila, Sci-C
	Dr. Chikkanna, Sci-D	Ms. A.S. Suma, Sci-C
	Dr. M. Balvenkatasubbaiah, Sci-D	Dr. Dayananda, Sci-C
	Dr. Vinod Kumar, Sci-C	Dr. R. Bhagya, Sci-C
	Dr. V. N. Sudha, Sci-C	Dr. Vineet Kumar, Sci-C
	Mr. S.B. Nagaraja, Sci-C	Dr. K. Chandrasekharan, Sci-C
	Mr. M. Ramesh, Sci-C	Dr. S. Manthira Moothy, Sci-C
	Dr. M. M. Reddy, Sci-C	Mr. Narendra Kumar, Sci-C
	Dr. N. Malreddy, Sci-C	Mr. S. Kulkarni,Sci-C
	Dr. B. Gangadhar, Sci-C	Dr. Mary Josepha, Sci-C
	Mr. S. Purushotham,Sci-C	Mr. A.R. Narasimha Nayaka, Sci-C
Sericulture Extension	Dr. G.S. Vindhya, Sci-D	
	Dr. S. Lakshamanan, Sci-C	
	Mr. H.M. Munikrishnappa, Sci-C	
	Dr. R. M. Mattigatti, Sci-C	
	Dr. G.S. Geetha,Sci-C	
Sericulture Engineering	Dr. Satish Verma, Sci- E	
	Mr. Mathew John, AEE	
Silk Reeling	Dr. Y. C. Radhalakshmi,Sci-C	
	Mr. K. P. Shivakumar,Sci-C	
	Mr. Kariappa,Sci-C	