

Celebration of Establishment Day

CMER&TI celebrated the institute's 17th Establishment Day on 30th September, 2016 at the institute premises. The event started with the hoisting of CMER&TI's flag by Dr. B.K. Singh, Director of the institute. The Chief Guest of the inaugural session, Hon'ble Minister of Sericulture, Handloom & Textiles Shri Ranjit Dutta speaking on the occasion mentioned the great achievement of CMER&TI highlighting 12 kg eri cocoon productivity per 100 dfls in the developed C-2 breed against 7-8 kg of other local race. He expressed that 2.0 lakh people of Assam are associated in sericulture and productivity is increased significantly in last decades in both muga and eri.



Hon'ble Minister of Sericulture, Handloom & Textiles appealed State Sericulture officials to help and cooperate with CSB organizations in extension programmes.

Smt. Renupama Rajkhowa, Hon'ble MLA Teok graced the occasion as "Guest of Honour". Besides, former Directors of CMER&TI, Dr. S. K. Sen & Dr. R. Chakravorty, Dr. T.C. Borah, retired Chief Scientist of NEIST, Jorhat, Shri A. N. Bora, ACS, retired Director, North-East, CSB and Former Commissioner & Secretary, Finance, Govt. of Assam, Shri P. K. Das, retired Scientist-E, CSB, Prof. L. K. Hazarika, Head Dept. of Entomology, AAU, Jorhat. Dr. Dipak Prajapati, Chief Scientist, NEIST, Jorhat, Dr. D.P. Khanikar & Dr. L.C. Dutta, Professor, Dept of Sericulture AAU, Jorhat, Shri Jogesh Deori, Director of Sericulture, BTC, Assam, retired senior Scientists, Administrative Officers & Staff of CMER&TI and many more graced the occasion.

An exhibition was organized on the occasion where different technologies developed by the institute were displayed along with diversified fabrics of Muga and Eri. Farmers from Borhola, Borpathar and BTC participated in the exhibition and displayed their products.



An award distribution ceremony was also conducted on the occasion, where successful farm Workers, Technical staff & Scientists of CMER&TI were awarded. Nos. of books and leaflets were released on the day.



Seedlings / Seeds of Muga and Eri food plants were also distributed among the progressive farmers. On the occasion, Muga and Eri host plants were planted by the Minister and MLA.

R&D Achievement

Nineteen (CSB funded- 14, DBT funded -4 and DST funded-1) research projects were in progress in the institute during 2016-17. In research, presently the institute collaborated with IIT Karagpur & Guwahati, NESAC, Shillong, NEIST, Jorhat and SBRL, Kodathi, Bangalore.

Eri silkworm breed, C-2 was popularized in large scale. *Ailanthus grandis* (Borpat) was popularized as suitable eri host plant.

Two Aadarsh Resham Grams on Muga and Eri have been implemented.

Meetings

49th Research Council Meeting of CMERTI, Lahdoigarh was held on 23rd November, 2016 under the Chairmanship of Dr. B. K. Singh, Director of the institute. He emphasized on quality Muga seed production to achieve the required target of 8.12 lakhs dfls to produce 220 MT of Muga silkworm for the year 2016-17.

Review Meeting of CSB institutes was held on 16th November, 2016 through Video Conference using own studio of the institute.

Special Events



Swacch Bharat Campaign: Institute organized Swacch Bharat Campaign on the occasion of Gandhi Jayanti on 2nd October, 2016 at Borholla Aadarsh Reshom Gram under Titabor Sub-Division, Jorhat district and on the occasion of World AIDS Day 2016 on 1st December, 2016 at difference places of Mariani Block of Jorhat district viz., Jungle Block High School, Gotonga Sonapur School, Nagajanka PHC, Mariani MS Public auditorium etc. with active support from District Administrations, NGOs, SHGs and all other stakeholders.

The activities like Cleanliness & Sanitation Drive, Drinking water facilities, Distribution of books, Mass communication facilities to rural people, Distribution of Mekhala chador (cloths) to rural poor, Distribution of Sericulture inputs (Dfls of Eri C2 breed, Kesseru and Som seedlings), Mass Awareness Programme were carried out during Swacch Bharat Campaign for ensuring inclusive development including health, hygiene, drinking water facilities and quality education



In the awareness meeting organized in Mariani public auditorium, the local MLA Mr. Rupjyoti Kurmi; Ms. Kirthy Jolly, IAS, SDO, Titabar; Dr. Selim Ali, Jorhat Medical College and Dr. B.K. Singh, Director, CMER&TI, Lahdoigarh emphasized all stakeholders, Government and NGO agencies to actively participate in the programme and to fulfill the dream of Father of the Nation Mahatma Gandhi. During the meeting altogether 16 eri spinning machines developed by CSB were distributed among the progressive eri farmers of the locality in Govt. subsidized rate.

Hands on Training: Mridaparikshak – a soil testing lab: The programme was organized by Dr. U. Hazarika, Scientist-D & Dr. Vinod kumar S. Naik, Scientist B at the institute during 28th-31st December, 2016 for the selected scientists and technical / field assistants of the institute.



Eri Egg Preservation Technology: A Demonstration cum trial of Eri Egg Preservation technology was organized at the Directorate of Sericulture, Aizawl, Mizoram. The Joint Director of Sericulture, Mizoram, Lalrinmawia; Dr. L. Pauchou. Scientist - C of REC, Aizawl and all the district officers of Sericulture, Mizoram took part in the



Demonstration on Biological control of uzi fly : Demonstration programme on biological control of uzifly was conducted on 28th & 29th October, 2016 at Daba Sonari and Sukafa, Charaideo of Sivasagar, Assam respectively. In the programmes, Sri Lakhinandan Saikia, Extension officer, DOS Assam, Sonari, Sivasagar participated.



Smt. Ranuma Das, Scientist of CMER&TI demonstrated the technology for mass production of parasitoids *Nesolynx thymus* of Uzi fly and released parasitoids in 0.5 acres of Som plantation of two progressive muga farmers, Sri Lakhi Gogoi and Sri Tilok Rajkonwar. Dr Ranjana Das, Scientist described agronomical package of muga food plants, management and control of pest and diseases of muga food plant and silkworm, application of Lahdoi etc. 29 nos. of farmers from Daba and 32 farmers from sukafa participated in the programme.



At Sapekhati, Charaideo, demonstration was conducted on 18th November, 2016 and parasitoids were released in Som plantation of one progressive muga farmer, Sri Pradip Sharma. Smt Anju Baruah, SD, DOS Assam, Sri B. Saikia, SD, DOS Assam, Charaideo and 25 farmers from Sapekhati participated in the programme.

Farmers Training under SMVs

Under SMV, Charaideo, Training on maintenance of muga food plant, chawki and late age rearing, disease and pest management etc was conducted w.e.f 28th to 29th October 2016 at Doba, Sonari and w.e.f 17th to 18th November 2016 at Sapekhati, Charaideo. Dr Ranjana Das, and Smt Ranuma Das, Scientists of CMER&TI participated in both the programmes. Sri L. N. Saikia, Extension Officer, Sri N. Nath, Inspector and Sri Dipankar Ojha, Demonstrator of Sonari, DOS attended the programme at Doba, Sonari.



Similarly, Sri L. Mahanta, Asstt Manager, Sapekhati Muga VGR, Charaideo DOS Assam, Sri S. Bora, Asstt Manager, Khoriabheta Muga VGR, Charaideo, DOS Assam, Sri B. Saikia, SD, Bengenabari, DOS Assam, Sri R.K.Gogoi, SD, Chatianagari, DOS Assam, Sri H.Mech, SD, Borhat, DOS Assam attended at Sapekhati training programme.



In another training programme organized at Dihingiya Gaon, Sivasagar, from 8th to 10th November 2016 for 50 muga farmers, Sri D Goswami, Dr Ranjana Das, Dr. Prashanth Sangannavar and Dr. G. Subrahmanyam participated from the institute. Smt Kalyani Gogoi, President of Patila Eri Muga Reeling Centre, the retired Scientist, Dr. K. Das; Social worker, Sri B. Borua; Village Leader and staff of DOS, Sivasagar took part in the said programme.



Under SMV Tamulisiga of Sivasagar, Assam, Training programme was organized at Khanamukh on 4th to 5th November 2016. Dr. M. C. Sarmah & Dr. B. N. Sarkar, Scientists of CMER&TI and Sri Bijay Kr. Shyam, Demonstrator, DOS, Assam took part in the programme.



Group Discussion: A Group Discussion Programme was conducted at Mariani under Jorhat District on 22nd November, 2016 to discuss different aspects of Eri culture and to conduct forthcoming Swachh Reshom Gram Programme on 1st December 2016. The programme was attended by Dr. S.A. Ahmed, Scientist-C, Shri Uptal Hazarika, Sericulture Demonstrator and 10 progressive farmers of Mariani area.



(Report: Dr. S. A. Ahmed)

Mr. Abani Borah, Lead Farmer organized a group discussion programme on 14th Oct., 2016 under SRC, Borbam Dibrugarh for dissemination of muga culture technologies developed by CMERTI and to share their own traditional knowledge among the sericulture farmers.

(Report: Dr. R.Kumar)

A Group Discussion Programme was conducted at Kashari Pathar, Sivasagar on 11th November 2016 to discuss different aspects of Muga culture by Dr. Ranjana Das, Scientist-D, Dr. Prashanth Sangannavar, Scientist-B, and Sri Rubul Hazarika, Manager of the farm, and farmers involved in the muga rearing in the farm are attended the programme.

(Report: Dr. P. Sangannavar)



Technology Awareness: Technology Awareness Programmes were organized at Natun Chaopri village under SMV, Dadhora on 25th Nov., 2016 and at bonai, Tamulisiga of Sivasagar Under SMV, Tamulisiga on 26th Nov., 2016

(Report: Dr. M.C.Sharma & Dr.B.N.Sarkar)

Field days: A Field day was organized on 11th Nov, 2016 at Sukafa, Charaideo. Many farmers interacted with the scientists/DOS official to solve different problems facing during rearing of muga silkworm.

Participating in the occasion, Smt Ranuma Das, Scientist of the institute and Smt Anju Baruah, DOS officials urged the farmers for implementation of new technologies of muga culture.



(Report: Mrs R. Das)

RERS, Mendipathar; Meghalaya organized a Field Day on 8th Nov., 2016 at Piplibari, Goalpara. 75 Eri farmers took active part in the programme. Besides, 10 other dignitaries from various private agencies, educational institute including State Govt. officials of Department of Sericulture were present. The meeting was presided by Sri Prafulla kalita, a social activist of Rangjuli, Goalpara. Sri Rabin Boro, a progressive sericulturist, Goalpara, Sri Bijit Kumar Nath, Field Officer, Department of Sericulture, Piplibari, Goalpara, Smt. Minakshi Daimari, Teacher, Piplibari Anganbadi Kendra and Sri Mansur Ali, Field Officer, Rangjuli Circle, State Sericulture Department, Goalpara requested the farmers for making the culture economically viable & uplifting their economic status. Smt. Nish Kumari Boro, Head Teacher, Piplibari Primary School, Rangjuli, also urged te farmers to take up Eri culture as a source of income & self employment.



(Report: P.N. Borgohain)

The Institute organised another Field day at Bonai, Tamulisiga of Sivasagar district. Dr. M. C. Sarmah & Dr. B. N. Sarkar, Scientists and Sri Prabin Nath, Demonstrator, Deptt. of sericulture, Jorhat, Assam took part in the programme.



(Report: Dr. B.N. Sarakr)

Awareness on muga conservation:

Awareness programme on *In-situ* muga conservation was organized at Ban Kather Village, Upper Diogrung Reserve Forest, Golaghat on 22nd October 2016. Mr. M. Konwer, Asst. Director of Sericulture, Golaghat, Dr. Rajesh Kumar, Scientist of CMER&TI, Mr. Deba Kanta Hatibaruah, Sericulture Extension Officer and other staffs of ADS Office and Mr. Gogoi, Beat Officer, Murphulani Forest Beat Office, Golaghat Range, Golaghat participated in the program.



(Report: Dr. R. Kumar)

Skilled Training on Muga Culture under Aadarsh Resham Gram:

A two-days training programme on "Muga Culture" was organized on 26th and 27th December, 2016 at Mout Gaon, P.O. Dickshow, Sivasagar, Assam under Aadarsh Resham Gram. Eighty one farmers from the area covering Dickshow, Namti, Misamara, Charing, Belimukhia, Amguri, Borahibari areas of the district took part in the programme. Dr. K. Neog, Dr. S. Gangaparavu and Dr. P. Sangannavar, Scientists of the institute participated as Resource Persons.

The Scientists delivered lecture on detail package of practices on muga culture. Further, they made the farmers aware about the website of the institute, "The Silk Portal" launched by CSB and explained the farmers how to get benefit out of it. The programme was graced by Dr. Utpal Bora, Professor, IIT, Guwahati; Sri Ashok Bora, Extension Officer, DOS, Sivasagar and Sri Dip Moni Gogoi, Sericulture Demonstrator, Baruwati Circle, Sivasagar. Muga farmers, namely Sri Pankaj Hatiboruah, Jayanta Gogoi, Amal Gogoi, Tileswar Gogoi, Phanidhar Tamuli, Pabitra Gogoi, Parama Gogoi, actively participated in the session and expressed their feeling and difficulties during rearing of muga silkworms. Sri Pankaj Boruah and Sri Nripen Borgohain presented different problems faced by the farmers during the whole process in rearing of muga silkworms starting from seed selection, rearing, cocooning and grainage etc.



Inauguration of training programme by Dr. K. Neog

Dr. S. Gangaparavu, Scientist B, CMER&TI addressing the farmers

View of farmers present in the training programme

Sri N. Borgohain, Lead Farmer soliciting Prof. U. Bora, IIT, Guwahati



Views of resource persons delivering lectures on different aspects of Muga culture and health care
Dr. U. Bora, Dr. N. Borgohain, Dr. P. Sangannavar, Sri A. Bora and Sri D.M. Gogoi

Blood Donation Camp: The institute organized Voluntary Blood Donation Camp at its office premises on 1st October, 2016 in association with Jorhat medical College, Jorhat



Vigilance Awareness Week: Vigilance awareness week was organized from 31st to 5th November, 2016 at the institute.

Unified Payments Interface (UPI): Institute organized Awareness Camps among the employees of the institute, farmers to sensitize them about UPI for promotion of digital payment through Unified Payments Interface.



AEBAS

Installation of AEBAS (Aadhar based Bio-Metric Attendance System) devices has been done at the institute through Precision Bioinformetic India Pvt. Ltd., Chennai and the system is implementing in the institute w.e.f. 13th December, 2016

Achievement

- ▶ Dr. B.K.Singh, Director, CMER&TI received Dr. Lefroy Medel from Zoological Society of India.
- ▶ Dr. K. Neog, Scientist-D received Best Scientist Award from Central Silk Board on the occasion of Launch of Indigenous Automatic Silk Reeling Machine, Inauguration of Centre of Excellence for Training and CSB award Function held on 20th December, 2016 at CSB, Bengaluru.
- ▶ Dr. Rajesh Kumar visited State Key Laboratory of Silkworm Genome Biology, Southwest University, Chongqing, China from 11th Sep, 2016 to 18th Sep, 2016. delivered a Lecture about the "Diversity and conservation of wildsilk moths in North East India – a biodiversity hotspot"
- ▶ Dr. S.A.Ahmed, Scientist-C of CMER&TI received Madhavi Shyam Medal for outstanding contribution in Research & Development from Zoological Society of India



Participation

- Dr. B. K. Singh, Director of CMER&TI participated in the 24th International Congress on Sericulture and Silk Industry held at Queen Sirikit National Convention Centre, Bangkok, Thailand during 10th-14th August 2016.
- Dr. Rajesh Kumar and Dr. S.D.Singh participated in the Exhibition of NCSC (National Children's Science Congress) 2016 held at Dibrugarh University from 13th to 16th October, 2016.
- Dr. Prashanth Sangannavar, Sc.-B, and Sri. M. Ahmed, FA participated in the Exhibition "Farmers field day" at RARS, AAU Titabor on 08th November, 2016.
- Dr. Kh. S. Das Singh, Sc.-B, Md. T. Hussain, STA and Sri. M. Ahmed, FA participated in the Farmers'Fair under Tribal Welfare Programme, AICRP at RARS, AAU, Buralikson on 29th November, 2016.

Publication

- Glimpses (17 Glorious Years) of CMER&TI – compiled and edited by Dr. B. K. Singh, Dr. M. Chutia and Dr. U. Hazarika.
- Vision Document– compiled and edited by Dr. B. K. Singh, Dr. D.K.Gogoi and Dr. M. Chutia
- Frequently Asked Questions (Muga and Eri Silkworm and Host plants) - compiled and edited by Dr. B. K. Singh and Dr. M. Chutia
- Welcome-17 Glorious Years of CMER&TI (Institute Leaflet)
- Technology Book on Eri & Muga Culture (in Assamese)- edited by Dr. M.C. Sarmah, D.Goswami and Dr. R. Das.
- CMER&TI Sericultural News (Vol.19, January-June, 2016)- edited by Dr. U. Hazarika
- Muga Khadya brikhar lagatepolar rog aru apakari pokar aagjananitatha lava laga savadhaniata authored by R.Das and M.Chutia
- Technology Descriptors in muga and Eri cultute (English)-) - compiled and edited by Dr. B. K. Singh, Dr. M.C. Sarmah, Dr. R. Das and Dr. S.A. Ahmed.

TV programme

Dr. B.K. Singh, Director along with Sri Dulal Goswami and Dr. Ranjana Das, Scientists of the institute participated “Phone in Live” programme telecasted from PPC (NE), Doordarshan Kendra, Guwahati on 23rd and 30th December, 2016 under Welfare Schemes of Central Silk Board.

Joining / Retirement / Transfer

- ▶ Dr. T. James Keisa joined at Central Muga Eri Research and Training Institute on 8th July, 2016 as Scientist-C.
- ▶ Dr. M.Deka, joined at Regional Muga Research Station, Boko on 29th June, 2016.
- ▶ Sri G. Rajkova, Scientist-D of CMER&TI, Lahdoigarh retired from Board service on 31st July, 2016
- ▶ Dr. A. K. Gogoi, Scientist-D of RMRS, Boko retired from Board service on 31st July, 2016
- ▶ Sri S. K. Saikia, Scientist-D of REC, Lakhimpur retired from Board service on 31st August, 2016
- ▶ Sri P.N. BuraGohain, Scientist-C of RERS, Mendipathar retired from Board service on 31st December, 2016
- ▶ Mr. Abani Das, Asstt. Suptd of RMRS, Boko retired from Board service on 31st December, 2016.
- ▶ Sri D. Mech, Scientist-D of CMER&TI, Lahdoigarh has been transferred to REC, Lakhimpur w.e.f. 20th August, 2016.

Success Story



Sri Atul Gogoi is a man of courage which set him as an idol of a progressive muga rearer. He has been conducting muga rearing and grainage for last 20 years

He has successfully completed rearing of 1010 dfls which produced 26,000 seed cocoon and 16.7 Kg Raw silk with an income of Rs. 318000/- during current year 2016-17 (Report: Mrs Ranuma Das

Compiled & Edited by: Dr. Urmimala Hazarika, Scientist-D

Published by Dr. B.K.Singh, Director, CMER & TI, Lahdoigarh

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