

CURRICULUM VITAE



1. NAME : MR. BIDYUT NATH CHOUDHURY.

2. DESIGNATION : Scientist-D & Head
Project Monitoring Cell
Muga Eri Silkworm Seed Organization,
Central Silk Board
Khanapara, Guwahati, Assam.

3. TELEPHONE/

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4. DATE OF BIRTH : 17th February, 1967

5. SEX : Male

6. MARITAL STATUS : Married

7. FATHER'S NAME : Late Rudra Kanta Nath

8. PERMANENT ADDRESS : Ward No.2, Santipur,
Near Veterinary Hospital, Mangaldai
Dist-Darrang, State-Assam. Pin-784125.

9. EDUCATIONAL QUALIFICATION:

Sl. No.	Name of College/ University	Degree/Exam passed	Year of passing	Subjects taken with specialization
1.	Assam Agriculture University (College of Agriculture), Jorhat, Assam.	B.Sc. (Agri)	1991	Plant Breeding & Genetics
2.	Assam Agriculture University	M.Sc (Agri)*	1993	Plant Breeding & Genetics

* First class (merit scholarship)

10. SERVICE PARTICULARS AND EXPERIENCE

Sl. No.	Post held	Name of the organization	Name of the unit / Place of posting	Period
1.	Trainee Apprentice	Department of Agriculture, Govt. of Assam	Office of the SDAO, Patharighal Sub-division, Mangaldai, Darrang, Assam.	1 st April, 1993 to 31 st March, 1994
2.	Senior Research Assistant (SRA)	Central Silk Board	Grainage Extension Centre, Aizawl, Mizoram.	24 th July, 1995 to 31 st March, 1999
3.	SRA / Senior Research Officer / Scientist-C & Head	Central Silk Board	Research Extension Centre, Central Silk Board, Mangaldai, Darrang, Assam.	1 st April, 1999 to 31 st March, 2010
4.	Scientist-C / Scientist-D & Head	Central Silk Board	Research Extension Centre, Central Silk Board, Aizawl, Mizoram.	1 st April, 2010 to 31 st March, 2017
5.	Scientist-D & Head	Central Silk Board	Regional Office, Central Silk Board, Guwahati, Assam.	1 st April, 2017 to 30 th April, 2019
6.	Scientist-D	Central Silk Board	Regional Sericultural Research Station, Boko, Kamrup, Assam.	10 th May 2019 to 31 st January 2022.
7.	Scientist-D & Head	Central Silk Board	Project Monitoring Cell, MESSO, Khanapara, Guwahati, Assam	1 st February 2022 to till date.

11. RESEARCH EXTENSION / MANAGEMENT EXPERIENCE : 25 years

(As Head of Unit – 20 years)

- a. Mulberry Sericulture : 15 years
- b. Vanya (Eri & Muga) culture : 10 years

12. NUMBER OF PUBLICATION : 36 Nos.

Published Items	Nos.
Research papers	20
Books/Booklets/ Pamphlets/Brochures	16
Technical Reports	131
News Reports/Silk briefs	10

13. DISTINCTIONS / AWARDS / PRIZES / LETTER OF APPRECIATION

- i. Certificate of Merit received from Director, Central Muga Eri Research & Training Institute, Lahdoigarh, Jorhat, Assam and adjudged as a “Promising Scientist” for outstanding contribution in the field of Sericulture Extension.
- ii. Received certificate recognizing the services for meritorious contribution under the category of Resourceful Extension Scientist from Director, CMER&TI, Lahdoigarh.
- iii. Certificate received for attending training programme on Right to Information Act, 2005 at Kolkata organized by National Productivity Council, Chandigarh from 08/12/2009 to 09/12/2009.
- iv. Certificate for presenting Paper at National Seminar on Biodiversity of North East India and its Future Concern organized by Department of Zoology, Mangaldai College, Assam.
- v. Award and Certificate received in recognition of successful completion of Training Programme on Cluster Development from 08/03/2010 to 12/03/2010 organized by National Institute for Micro, Small and Medium Enterprise.
- vi. Appreciation letter received from Director, Department of Sericulture, Govt. of Mizoram for successful organization of Exposure visit covering 192 nos. of CDP beneficiaries during 2010-2011 under BEP in Vanya Sector.
- vii. Appreciation letter received from Director, Department of Sericulture, Govt. of Mizoram for excellent contribution in developing Sericulture Industry and achieving desired goal.
- viii. Letter of Appreciation from Director, CSR&TI, Berhampore for successful implementation of Cluster Promotion Programme, IVLP, ECP and support service rendered in an outstanding manner.
- ix. Certificate and awards received for presenting Paper at National Seminar on “Emergent Conservation of Bio-diversity: void of sustainable vision is a threat to mankind” organized by Department of Zoology, Kolgachia College, Assam on 22nd to 23rd May’2013.
- x. Certificate and awards received for presenting Paper at National Seminar cum Workshop on Sericulture Industry organized by Department of Sericulture, BTC, and Department of Economics, Bodoland University and Central Silk Board, Guwahati Assam on 10th and 11th August’2013.
- xi. Appreciation letter received from Director, Department of Sericulture, Govt. of Mizoram for innovative approach made towards modeling rat proof rearing house during 2011-12.
- xii. Appreciation letter received from Director, Department of Sericulture, Govt. of Mizoram for outstanding contribution for developing Sericulture Industry in the state of Mizoram.
- xiii. Appreciation letter received from Additional Chief Secretary, Govt. of Mizoram for assisting the Department of Sericulture in successful

implementation of different Seri Project and improving the socio economic condition of the farmer.

- xiv. Received Citation from Director CSR&TI, Berhampore for achieving the First Position in implementation Official Language Policy of the Union during the year 2012-13 among all the RECs of Central Sericultural Research & Training Institute, Berhampore, West Bengal.

14. NOMINATIONS / OTHER ASSIGNMENTS

- i. Acted as Chairman of Joint Cluster Promotion committee and implementing agency of “Cluster Development Project for enhancement of farm income through Mulberry Culture in Darrang District of Assam” with project period 2008-09 to 2011-2012.
- ii. Acted as Chairman of Joint Cluster Promotion Committee and implementing agency of “Cluster Development Project for enhancement of farm income through Eri Culture in Udalguri District of Assam” with project period 2008-09 to 2011-2012.
- iii. Acted as Zonal Team Leader and implementing officer for “Augmentation of Eri and Muga Commercial seed production” under Spl. CDP.
- iv. Acted as resource person to DOS Mizoram in all the 6 (six) trainers training programme and 44(forty four) training programme under BEP during the period 2010-2017.
- v. Member convener of Cluster Promotion Committee of the “Bivoltine Cluster Development Project” for Aizawl District of Mizoram under XII Five year plan.
- vi. Acting as Nodal Officer for Mizoram state for implementation and supervising “Special Seed Zone Programme (SSZ) for P2 Muga rearing in DOS farms/ASR level” under MSSO, CSB Guwahati.
- vii. Member of Regional Research Advisory Committee, Regional Sericultural Research Station, Jorhat, Assam.
- viii. State level Member of purchase committee under DOS Mizoram for the year 2011-12 to 2016-2017.
- ix. Jointly inspected “Integrated Soil to Silk Project for Eri under NERTPS in Udalguri District of Bodoland Territorial Council (BTC)” along with ADS, Udalguri and other state officials
- x. Jointly inspected the Muga Conservation site at Kuklung Forest area of Chirang District under BTC to validate the progress and implementation of the component under “Integrated Sericulture Development Project (ISDP)”
- xi. As per instruction of the Director CMERTI, Lahdoigarh, Jorhat visited Directorate of Sericulture & Weaving (DoSW), Govt. of Meghalaya to discuss the implementation status and review the progress of the component “Development of Muga Conservation in wild habitat” in Meghalaya under ISDP (NERTPS)

- xii. Visited Mokokchung and Wokha District to verify the progress made and to prepare report on “Post Cocoon Technology Project” implemented at New Chungtia village of Mokokchung District and “Wokha Bivoltine Sericulture Development Project” implemented in Hagaika villages of Wokha District under NERTPS by SAMVRUDI an NGO.
- xiii. Inspected and prepared report on implementation and progress of the project titled “Integrated Scheme for Development of Eri and Oak Tasar Silk Industry in Kiphire District of Nagaland”.
- xiv. As desired by the Ministry of Textiles, Govt. of India and nominations from the Member Secretary, Central Silk Board visited Apparel and Garment Making Centre, Barfok, Sikkim and prepared an inspection report on the infrastructure created at the centre viz. construction of building, installation of machineries and functioning status etc.
- xv. As desired by the Ministry of Textiles, Govt. of India, New Delhi and as per the instruction of Member Secretary, Central Silk Board, Bangalore organized Smart India Hackathon, a wonderful addition to the history of India’s Science and Technology initiative in association with AICTE and HRD Ministry of India and Girijananda Chowdhury Institute of Management Technology (GIMT), Guwahati as Nodal Agency.
- xvi. Nominated as a Physical Verification Executive (PVE) by Central Office, Bangalore for physical verification of training centre under SAMARTH and assigned 16 training centre for physical verification in Mizoram.
- xvii. Nominated as a permanent member of Field Level Technical Committee (FLTC), Project Monitoring Committee (PMC) and State Level Sericulture coordination Committee (SLSCC) by Central Office, Bengaluru.

15. MEMBERSHIP OF RELEVANT ACADEMIC PROFESSIONAL SOCIETIES

1. Life Member of National Academy of Sericultural Sciences, Bangalore.
2. Life Member of Assam Science Society, Guwahati, Assam.
3. Life Member of Indian Academy of Sericulture, Odisha.

16. PROJECTS / PROGRAMME HANDLED

Sl. No.	Title of the project	Funding agency	Duration	No. of Scientists / Associates working under the project	Total approved cost of the project
1.	Development of Muga & Eri based intercropping system.	CSB	2005 to 2008	2	Budget allotted at CMER&TI, Lahdoigarh.
2.	Augmentation of Eri and Muga commercial seed production	CSB	2006-08	2	Budget allotted at MSSO, Guwahati.
3.	Cluster Development Project for enhancement of farm income through Mulberry culture in Darrang District of Assam	CSB	2008-09 to 2009-10	1	Budget allotted at CMER&TI, Lahdoigarh.
4.	Cluster Development Project for enhancement of farm income through Eri culture in Udalguri District of Assam	CSB	2008-09 to 2009-10	1	Budget allotted at CMER&TI, Lahdoigarh.
5.	Cluster Promotion Programme in Serchhip District of Mizoram	CSB	2010-11 to 2011-12	1	Budget allotted with DOS Mizoram.
6.	Bivoltine Cluster Promotion Programme (BV-CPP) in Aizawl District of Mizoram.	CSB	2013-14 to 2016-17	2	Budget allotted with DOS Mizoram.
7.	Integrated Sericultural Development Project (ISDP) under NERTPS covering all the NE States and all three Seri sectors. Total – 16 nos. of projects.	CSB	2014-15 to 2018-19	8	Budget allotted with respective DOSs
8.	Intensive Bivoltine Sericultural Development Project (IBSDP) under NERTPS covering all the NE States.	CSB	2014-15 to 2018-19	8	Budget allotted with respective DOSs

	Total – 9 nos. of projects.				
8.	Eri Spun Silk Mill Total – 3 nos. of projects.	CSB	2018-19 to 2019-20	3	Budget allotted with respective DOSs
9.	Integrated Eri Silk Development Project under NERTPS Total – 2 nos. of projects.	CSB	2015 to 2018	2	Budget allotted at DoS BTC
10.	Integrated Eri Silk Development Project through Tapioca under NERTPS	CSB	2006-08	2	Budget allotted at DoS BTC
11.	Soil to Silk Project for Ericulture	CSB	2016 to 2019	2	Budget allotted at DoS BTC
12.	Integrated Large Scale Eri Farming for Arunachal Pradesh under NERTPS	CSB	2018 to 2021	2	Budget allotted at DoS BTC
13.	Integrated Eri Silk Development Project for Aspirational District of Mizoram, Nagaland	CSB	2018-20	2	Budget allotted at respective DoSs.
14.	Post Cocoon Technology Project for Nagaland	CSB	2016-19	1	Budget allotted at DoS Nagaland
15.	Silk Printing	CSB	2015-18	2	Budget allotted at DoS Tripura
16	Project on Mulberry and Vanya Seed Infrastructure under CSB.	CSB	2015-18	2	Budget allotted at MSSO, Guwahati.

17. ONGOING PROJECTS

Sl. No.	Title of the project	Funding agency	Duration	No. of Scientists / Associates working under the project	Total approved cost of the project
1.	In-situ Conservation of Muga Silkworm <i>Antheraea assamensis</i> , Helfer (Lepidoptera : Saturniidae), and other wild silk moths.	CSB	2015 to 2018	3	Budget allotted at CMERTI, Lahdoigarh.
2.	All the projects of Central Sector Schemes under Silk Samagra-2.	CSB	2021-22 to 2025-26	5	All total 12 projects are being implemented at present at a total project cost of Rs.18219.01 lakhs.

18. CONTRIBUTION (LAST TEN YEARS)

- ❖ The project “Development of weather based forewarning system of Mulberry diseases (CSS-2107)” facilitates to develop forewarning calendar on mulberry diseases and pest and State Govt, could alert the farmers for taking necessary prevention steps.
- ❖ The new Bivoltine silkworm hybrid SK6XSK7 was popularized in the state during the year 2015-16 and 2016-17 and demonstrated its yield potential and rearing advantages. The farmer could gain more cocoon yield in comparison to production of 45 kg/100 dfl with the existing races. The Bivoltine cocoon yield of the state also increased from 256 MT during 2014-2015 to 376 MT during 2016-17.
- ❖ Due to Bivoltine Seed cocoon Generation Programme the state of Mizoram could become self sufficient in generating its required Bivoltine Seed Cocoon and recognized as a major Bivoltine seed zone.
- ❖ Proper rescheduling of crop season could accommodate more crops rearing per year.
- ❖ Capacity Building and Skill Up gradation Training Programme at both the farmers level and state officials made them technically sound and could handle the Seri related problems more efficiently.
- ❖ The average uptake of Dfls by Mulberry sericulture farmers in Mizoram, which was 40 dfls per farmer on average, could be sustainably increased up to 75 dfls during the period.
- ❖ Associated with the programme “Technology Assessment and Refinement through Institute Village Linkage Programme” [BMO(P)0003] to identify the problems of the target groups based on analyzing the existing farming

situation and also to apply participatory methodologies for solving identified problems and increasing productivity and profitability in a sustained manner.

- ❖ Nominated as a Nodal Officer to implement and supervise “Special Seed Zone Programme” (SSZ) for P2 Muga rearing in DOS farms/ASR level” under MSSO, CSB Guwahati.
- ❖ Updated the package of Mulberry cultivation and Silkworm rearing with new technological inputs and apprise the farmer by associating with project “Technology Assessment and Refinement through Institute Village Linkage Programme”.
- ❖ Conducted Bivoltine Seed Cocoon Generation Programme during the period and reared 1500 dfls of race SK6XSK7 at farmers level to produce seed cocoon which were supplied to DOS Mizoram revealing the suitability of the state climatic condition for Bivoltine rearing and considered as a promising Bivoltine seed zone.
- ❖ Suitably modified and enhanced the number of Bivoltine commercial rearing schedule from 2(two) to 4 (four) times considering the optimum climatic condition and availability of leaves of the state for maximum production and productivity.
- ❖ Introduced 2(two) pruning schedule instead of existing practice of one time pruning resulting sufficient good quality mulberry leaves and increasing rearing capacity and no. of crops.
- ❖ 350 acres of Mulberry plantation of high yielding variety S1635 raised under different programme such as Expansion of mulberry acreage under Action Plan and Bivoltine Cluster Promotion Programme.
- ❖ Introduced the practice of maintaining the “Rearers Card” at farmers level to keep the record of their dfl consumption and production for systematic evaluation.
- ❖ Introduced “Month wise Calendar of activities” to be performed by the farmer for systematic, uniform and on time sericulture practices.
- ❖ Initiated and organized Bivoltine Cluster Promotion Programme at Aizawl District of Mizoram by which production of Bivoltine Raw Silk in the District was enhanced from 3.24 MT to 8.5 MT.
- ❖ Implemented NE(ToT) Programme at Kolasib District of Mizoram covering 150 Nos. of farmers.
- ❖ Associated with the project “Pre Authorization Trials of Silkworm hybrid in Eastern and North Eastern India” previously named as ‘Post-authorisation trial’ as Co-Investigator and conducted trial rearing at farmers level.
- ❖ Played a very significant role in guiding the State Department in all aspects of implementation of 1 (one) Integrated Sericulture Development Project (ISDP), 1 (one) Intensive Bivoltine Sericulture Development Project (IBSDP) and 1 (one) Integrated Muga Silk Development Project (IMSDP) under NERTPS, as a result of which the total raw silk production could be increased from 55 MT during 2015-16 to 75 MT during 2017-18.
- ❖ A total of 38 projects covering Mulberry, Eri and Muga silk were implemented during 2017 to 2019 in all NE States. The implementation of these projects established sericulture as viable commercial activity. It created necessary infrastructure and imparted training skills to the locals for silkworm rearing and allied activities in the value chain. The positive impact of this has been reflected in a significant increase in dfl

consumption, cocoon production, estimated raw silk production and an increase in income from sericulture and its share in the total annual family income.

- ❖ By the implementation of these projects 32,552 acres have been brought under host plantation of Mulberry, Eri and Muga covering 42,026 beneficiaries and produced 2,867 MT of raw silk during the project period. As against Rs.647.03 crore released by Ministry under the above projects, an expenditure of Rs.565.41 crore (87.38%) has been incurred.
- ❖ The Chawki concept was popularized and ensured to supply 100% Chawki worms. As the most of the sericulturists do not have such facilities, hence the assistance for maintenance of Chawki gardens and Chawki Rearing Centres (CRC) were established which ensured crop stability and high cocoon yield.
- ❖ The Support for Development of Kissan Nursery under the projects ensured successful establishment of the garden with high survival rate due to existing root system and healthy sapling / seedling.
- ❖ Implementation of the component Social Mobilization and Group formations through CBOs / NGOs made the states of organizing Self-Help Groups (SHGs) easier and the groups could be motivated for gender sensitization, women empowerment, creating awareness for literacy, health care, sanitation and hygiene very effectively.
- ❖ The continuous training to the Extension Staff of DoSs brought a positive impact on them which they could transform to the farmers. The staffs were resourced with functioning of cooperatives, understanding the relationship between producers' group besides matters relating to marketing the products.
- ❖ The Orientation Training Programme and Exposure visit organized for the beneficiaries made them familiar with the techniques of raising Kissan nursery, raising systematic plantation, maintenance, handling of disease and pest occurrence, on all the sectors of sericulture.
- ❖ The Support for establishment of Multi-end Reeling Unit, Support for Improved Certified looms, Support for setting up of Common Facility Centre for Reeling and Weaving has improved the Sericulture industry to mani-fold producing high quality fabrics and resulting high quality conversion.
- ❖ The successful organization of 8th International Conference on Wild Silk Moths and an International Exhibition on Sericulture and Silk Products could show case the geostrategic speciality of sericulture of North East to the eyes of the world and could realize the potentiality.
- ❖ Due to constant monitoring and review, the NE states could implement all the schemes properly as per guideline and could achieve the target. Up to Dec'2018, about 30,652 acres (existing – 19,231 acres and new – 13,321 acres) have been brought under host plantation of Mulberry, Eri and Muga covering 42,026 beneficiaries and produced 2,687 MT of raw silk.
- ❖ The frequent visit to the project site and midterm evaluation of the progress and corrective measure adopted, made the farmers benefitted.
- ❖ Most of the state infrastructure which were in dilapidated condition, strengthened or newly constructed or newly installed.

- ❖ A steady growth of raw silk production of North East could be achieved from 19% share during 2015-16 to 22% share during 2017-18 of total country's share.
- ❖ The third party evaluation report could be finalized in association with NABARD and with the help of all the NE States and submitted to competent authority.
- ❖ The successful organization of 8th International Conference on Wild Silk Moths and an International Exhibition on Sericulture and Silk Products could show case the geostrategic specialty of sericulture of North East to the eyes of the world and could realize the potentiality.
- ❖ During 2018-2019 6(six) new projects could be got approved from Ministry of Textiles for implementation from 2018-19 onwards based on the successful implementation of the existing 32 projects and considering the increasing potentialities for sericulture development in NE. The total project cost approved was 115.92 Cr., of which Gol share was Rs.107.05 Cr. and to cover 4920 beneficiaries resulting in production of 186 MT of silk during the project period. The projects are:
 - a. Upliftment of Sericulture Activities in Aspirational Districts of Assam.
 - b. Integrated Scheme for Development of Eri Silk in Aspirational District of Baksa, and Udalguri of BTC.
 - c. Integrated Scheme for Development of Eri Silk in Aspirational District of Ri-Bhoi, Meghalaya.
 - d. Eri Silk Development Project for Women Empowerment in Chungtia of Mokokchung District of Nagaland..
 - e. Integrated Muga Silk Development Project for Sustainable Livelihood in Arunachal Pradesh under NERTPS.
 - f. Intensive Bivoltine Sericulture Development Project for Sepahijala of Tripura.
- ❖ Assisted MSSO, Guwahati and respective state department in successful completion of seed infrastructure units at the total cost of Rs.37.71 cr. They are 1 mulberry seed unit at Jorhat, Assam, 4 muga seed units at Silchar of Assam, Mokokchung of Nagaland, Kokrajhar of BTC, Assam, Tura of Meghalaya and 1 Eri seed unit at Topatoli Assam.
- ❖ As a mandate of RO Guwahati all the 8 NE states, 1 council, 3 autonomous districts and all the 32 CSB units in the north east along with SMOI and many NGOs, agencies were coordinated for successful and smooth implementation of NERTPS, CSB and any other programme related to development of sericulture industry in the region.
- ❖ Nominated as a coordinator and a member of the team constituted by Member Secretary, CSB, for undertaking field visit under NERTPS. Compiled monthly report of the team covering project area visited, observation made, farmers visited, recommendation given along with photographs with caption. All total 32 visits were undertaken by the team during the period and prepared monthly report as per prescribed format and submitted.
- ❖ Prepared / compiled and furnished monthly / quarterly reports to the CSB head office and also to Ministry of Textiles on the following

- a. Physical and financial target and achievement with review / remark of all the 24 existing project and 8 new projects.
 - b. UC status report
 - c. Direct Benefit Transfer (DBT) report
 - d. Report on updating beneficiary database in the MIS Website.
 - e. Collection and compilation of statistical data like acreage increased, dfl consumed, cocoon production, raw silk production etc.
 - f. Report on cocoon banks of state department.
 - g. Market Price of silk commodities (Dfls, Cocoon, Raw Silk and Fabric per Meter)
 - h. Project wise Matching state share released under NERTPS and remain to be released
 - i. State wise and sector wise details of proposal forwarded under SILK SAMAGRA
 - j. Raw silk production target and achievement under NERTPS.
 - k. Progress of updation of Farmer Reeler Database (FRDB).
 - l. State Plan /Convergence programme under NE States
 - m. Statement on DCB arrears state wise and sector wise.
- ❖ Assisted the Scientist-D of RSRS Boko in all technical aspects and looked after all the technical programme of the station and worked on achieving the target fixed as per the Action Plan.
 - ❖ Maintained the 24 acres of existing Som/Soalu/Castor/Kesseru plantation where exist 10,041 nos. of plants and established a 2 acres nursery.
 - ❖ Internal reports generated: 11
 - i. Monthly & quarterly Progress Report.
 - ii. Quarterly report of Bivoltine Cluster Promotion Programme of Udalguri Cluster.
 - iii. Physical and Financial target and achievement report of all NE States / BTC of 32 projects under NERTPS.
 - iv. Report on fund utilization under NERTPS by all NE States / BTC.
 - v. Report on Direct Benefit Transfer (DBT) by the States under NERTPS
 - vi. Report on progress on uploading MIS Website of NERTPS.
 - vii. Report on uploading of Farmer's Biodata in the FRDB portal.
 - viii. Monthly progress report of RSRS Boko.
 - ix. Report on Muga and Eri commercial and seed crop rearing.
 - x. Report on Grainage operation conducted at RSRS Boko.

- ❖ A Central Certified Nursery with Root Trainer Technology was established at Sapekhaity State Sericulture Farm at Udalguri, BTC, Assam under Soil to Silk Project.
- ❖ An automatic Silk Knitting Unit and a Silk Printing and Fabric Processing unit was established at Kokrajhar, BTC, Assam under NERTPS.
- ❖ Assisted DoS Tripura in establishing A Silk Printing and Processing Unit in Agartala, Tripura
- ❖ Took initiative for establishment of 5 (five) Eri Spun Silk Mills in Assam, BTC, Manipur, Meghalaya and Nagaland and Ministry approved 3(three) Eri Spun Silk Mill at Assam, BTC and Manipur.
- ❖ Assisted the 8 NE states and 1 council in enlarging their post cocoon infrastructure by installing 55 Hot Air Drier, 370 Reeling Machine, 1150 Spinning Machine, 2850 Certified Handloom, 9 Computer Aided Textile Designing, 9 Twisting Unit and 13 Multi-End Reeling Unit under NERTPS.
- ❖ Assist all the NE states in preparing projects under Silk Samagra-2 (2021-22 to 2025-26) and all total 12 projects got approved at a total project cost of Rs. 18,219.01 lakhs.

19. RESEARCH PAPER

- i. **Choudhury, B.N.**, (2000). Impact of Comprehensive Package of Practices towards increasing production in Mulberry Sericulture in Darrang District of Assam, Paper presented in the Current Technology Seminar on Sericulture at CSR&TI, Berhampore on 21-22 July'2000.
- ii. **Choudhury, B.N.**, Neog, K and Rajan, R.K.:(2010) Evaluation of Mulberry silkworm (*Bombyx mori*) races under the agro climatic condition of Assam, Bulletin of Life Science. Vol. XVI March, 44-49, 2010.
- iii. **Choudhury ,B. N.** and Neog, K. (2010) Genetic Resources of Muga Silkworm and their utilization, Published in the proceedings of the National Seminar on “ Biodiversity of North-East India and its future concern”, Page – 110-116,
- iv. Saikia, L and **Choudhury, B.N** (2010): A study on present status of Eri culture in a few eri rearing villages of Darrang District of Assam. Paper presented in the National Seminar on “Biodiversity of North East India and Its Future Concern” w.e.f 10-11 February'2010 organized by Department of Zoology, Mangaldai College, Mangaldai, Darrang, Assam.
- v. **Choudhury,B.N.**, (2002) Current status of Muga and Eri seed production in Darrang, Udalguri and Sonitpur district of Assam(Zone-E). Paper presented to Workshop on “Strategy for Privatization of Muga & Eri Seed Production” organized by MSSO, Guwahati on 28.02.2002.
- vi. Hazarika, U and **Choudhury, B.N.** (2011) Intercropping of Kesseru (*Heteropanax fragrans Seem*) with Commercial Crops for High Economic Returns, Ad. Plant. Sci. 24(I): 245-249, 2011.
- vii. Dutta, S.K., Mali, M.D., Ghosh, A., Roy chowdhury, S., **Choudhury, B.N.**, Majumdar, M.K and Bindroo, B.B.: Survey on disease severity of Mulberry

- (*Morus alba* L.) in different seasons of Aizawl district (Mizoram), *Journal of Crop and Weed*, 7(2): 253-253, 2011.
- viii. Dutta, S.K., Ghosh, M.K., **Choudhury, B.N** and Bindroo, B.B.: *Acremonium roseogriseum*-a new fungal pathogen of Mulberry (*Morus alba* L.) from Aizawl (Mizoram), *The Scientific Temper*, Vol.3; No. 1&2: pp31-32, 2012.
 - ix. **Choudhury, B.N.**, Pachuau, L., Ahmed, M., Lalfelpui, R and Biswas, T.K (2012): Prospect of Eri culture in Mizoram and scope for sustainability. Paper presented at National Seminar on “Emergent Conservation of Biodiversity Void of Sustainable Vision is a Threat to Mankind” on 22nd and 23rd May’2013 organized by Department of Zoology, Nabajyoti, College, Kalgachia, Assam.
 - x. **Choudhury, B. N.**, Pachuau, L and Bindroo, B.B. (2012) Implementation of Cluster Promotion Programme in Sechhip Disstrict of Mizoram during XI Plan and suggestion for continuation in self sustainable mood. Paper presented at “Brain Storming Workshop” on Cluster Promotion Programme held on 5th and 6th March’2012, organized by CSR&TI, Berhampore, West Bengal.
 - xi. **Choudhury, B.N.**, Pachuau, L., Das, R., Bindroo, B.B and Lalfelpuii, R (2013). Evaluation of Mulberry based vegetable intercroppinhg system for additional income in Mizoram condition. Paper presented in National conference on recent advances in modern biology & Sericulture for Women Empowerment and Rural Development held on 24-26th October,2013 at Karnataka State Sericulture Research and Development Institute, Bangalore. Pp 131.
 - xii. Lalfelpuii Ruth., **Choudhury, B.N.**, Gurusubramanian, G., and Senthil Kumar, N. (2014), Influence of medicinal plant extracts on the growth and economic parameters of mulberry silkworm, *Bombyx mori*, *L Sericologia*, (54)4: 275-282.
 - xiii. Lalhmingliani, E., Pachuau, L and **Choudhury, B.N.** (2014). Distribution of Wild Muga in Mizoram and its utilization, Published in the proceedings on National Seminar on issues of Wild life Conservation in India with special reference to Mizoram during 24-25 April’ 2014 at Mizoram University. Page 251-255.
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20. Books / Booklet / Pamphlets / Brochure

- i. **Choudhury, B.N.**; (2010) Nunidara Kalam Dia Pranali (Pruning techniques of Mulberry cultivation) published by REC, CSB, Mangaldai.
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- iv. **Choudhury, B.N.**; Pachuau, L; Vanlallawma, C; Thingtheimuh Natna Tlanglawn leh a Invent Dan Tlangpuite (Mulberry pest and disease management) published by Dr.B.B.Binbroo, Director, CSR&TI, Berhampore, West Bengal.
- v. Pachuau, L; **Choudhury, B.N.**; Vanlallawma, C; Maimaw Pangang Natna vei Thin Te (Mulberry silkworm disease and management) published by Dr.B.B.Binbroo, Director, CSR&TI, Berhampore, West Bengal.
- vi. **Choudhury, B.N.**, Pachuau, L., Gogoi, S.N. and Lalthianghlina. (2014) “Management Practices for Mulberry Cultivation” (in Mizo language) published by Regional Sericultural Research Station, Central Silk Board, Jorhat, Assam.
- vii. **Choudhury, B.N.**, Pachuau, L., Gogoi, S.N. and Lalbiakthanga. (2014) “Package of Practices of Late-age Silkworm Rearing in North Eastern States of India” (in Mizo language) published by Regional Sericultural Research Station, Central Silk Board, Jorhat, Assam.

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- x. Gogoi, S.N., **Choudhury, B.N.**, Pachuau, L., Hmingthantluangi and Pianthanga, K.C. (2014) "Young Age Silkworm Rearing" (in Mizo language) published by Regional Sericultural Research Station, Central Silk Board, Jorhat, Assam.
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- xii. Gogoi, S.N., **Choudhury, B.N.**, Pachuau, L., and Lalrinmawia. (2014) "Mulberry Pest and Their Management" (in Mizo language) published by Regional Sericultural Research Station, Central Silk Board, Jorhat, Assam.
- xiii. Gogoi, S.N., **Choudhury, B.N.**, Pachuau, L., and Hmingthantluangi. (2014) "Hygiene and Disinfection in Silkworm Rearing" (in Mizo language) published by Regional Sericultural Research Station, Central Silk Board, Jorhat, Assam.
- xiv. Gogoi, S.N., **Choudhury, B.N.**, Pachuau, L., and Lalrozama. (2014) "Mulberry Diseases and their Management" (in Mizo language) published by Regional Sericultural Research Station, Central Silk Board, Jorhat, Assam.
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21. PRESENT RESPONSIBILITIES AND OVERALL INCHARGE FOR:

Monitoring / coordination / Technical support / project review and coordination with the field / State Sericulture Department / implementing agency and ensure smooth and speedy implementation of ongoing sericulture projects and also for future project programme implementation under Silk Samagra. The other responsibilities are as follows:

- 1) Support the states / implementing agency to understand the Silk Samagra-2 Scheme and prepare concept paper and DPR.
- 2) Facilitate convergence efforts for funding from different departments and centralise project formulation mechanism.
- 3) To ensure adoption and compliance to the Silk Samagra-2 guideline.
- 4) Coordination with all line departments for pooling of resources and successful project implementation.
- 5) Periodical field visits and submitting analytical report
- 6) Facilitate effective interface among CSB, Sericulture Deptt and other line department of state.
- 7) Monitor major issues relating to Sericulture development in NE States.
- 8) The cell shall directly report to CSB Bangalore.
- 9) Other assignments as and when deemed necessary by CSB Bangalore.

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