

The Institute at a glance - 2023-24



एक कदम स्वच्छता की ओर



सत्यमेव जयते



भारत सरकार

Government of India

कृषि एवं किसान कल्याण मंत्रालय

Ministry of Agriculture and Farmers Welfare

कृषि एवं किसान कल्याण विभाग

Department of Agriculture and Farmers Welfare

उत्तर पूर्वी क्षेत्र कृषि यंत्र प्रशिक्षण एवं परीक्षण संस्थान

**NORTH EASTERN REGION FARM MACHINERY
TRAINING & TESTING INSTITUTE**

ब्रिश्वनाथ चारिआलि, शोणितपुर, असम

Biswanath Chariali :: Sonitpur, Assam-784176

An I.S.O. 9001- 2015 Certified Institute



Phone: 03715-222094/224186

Email: fmti-ner@nic.in

Website: <http://nerfmtti.nic.in>



INTRODUCTION

Machines and equipment play pivotal role in the crop production, transportation, processing, preservation etc. Mechanization of farming activities helps in reducing input cost, cost of production, and increase productivity. Recognizing this fact, the Government of India established "North Eastern Region Farm Machinery Training and Testing Institute" at Biswanath Chariali in 1990 to cater the needs for trained manpower and for quality improvement of equipment for NE region. The Institute is equipped with a very wide range of different makes, models of wheeled tractors, tillage, harvesting, processing, land shaping, irrigation, plant protection, irrigation pumps and hydraulic systems, etc. for imparting training on study, operations, repairs and maintenance of machineries.



LOCATION OF INSTITUTE

From Guwahati	:	275 Km in the east on NH15	Nearest Railway Station.	:	Biswanath Chariali (VNE)
From Tezpur	:	75 Km on NH15	Nearest Airport	:	Guwahati & Tezpur
From Biswanath Chariali	:	4 Km via BG Road	Geographic Position	:	92°16'E - 93° 43'E, 26° 30'N - 27° 01'N Altitude: 84 m from sea level

CLIMATE

Biswanath place falls in the Sub-Tropical climatic region, and enjoys Monsoon type of climate. The minimum and maximum temperature during summer (May to early June) are 18°C & 36°C respectively, whereas, in winter it is 7°C & 22°C respectively. The average annual rainfall during late June to early September is about 180 cm.

TRAINING PROGRAMMES

Under the various training programmes, different categories of trainees such as farmers, technicians, entrepreneurs, nominees from Govt. Departments, Universities, NGO, SHG are trained on selection, study, operations, repair & maintenance of tractors, power tillers and other farm machineries. The advertisement for training programmes is published in the leading national and local newspapers. The calendar can also be obtained directly from the Institute or from the Website.

CERTIFICATES

As a part of training, regular and periodical tests are conducted and to the candidates who successfully completed the training, certificates are awarded.



MEDIUM OF INSTRUCTIONS

The medium of instructions in Hindi and English. Therefore, the candidates should be able to understand, express, read or write in these languages.



STIPEND AND TRAVELLING

- i. Eligible candidates for User Level Courses (U1 to U12) are paid a stipend of Rs. 200/- per a day for the entire duration of training. They are also paid to and fro second class travelling expenses by rail or ordinary bus charges from the nearest Railway Station/ Bus Stand of their home town (Residential Certificate is to be enclosed) or the place where he actually residing at the time of admission (the address at which the correspondence is made). The trainees are required to submit the actual tickets to claim the travelling expenses.
- ii. Trainees sponsored under "Entrepreneurship development to establish custom hiring/ Agro-service Centre" (M5) under SMAM Program get the stipend through their respective Sponsoring Authorities.
- iii. Since the nominees of Government Departments, Semi-Government, Co-operative Societies and Departments are eligible for pay and allowances as admissible to them, they are not entitled for stipend.
- iv. No stipend or TA/DA will be given to trainees selected for the courses other than User Level.

FEE (INCIDENTAL CHARGES)

The details of the fee structure (Incidental Charges) are given in the training calendar. Every selected candidate is required to pay the fee as prescribed at the time of admission.



EQUIPMENT & WORKSHOP

The Institute is equipped with a very wide range of different makes, models of wheeled tractors, power tillers, tillage implements, intercultural equipment, harvesting, threshing, processing, land shaping, irrigation pumps, plant protection and hydraulic systems, etc. for imparting training on study, operations, repairs, and maintenance of machineries.

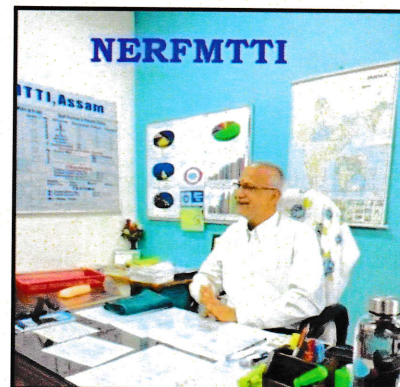
FARM

For imparting “on-the-job” training on different agricultural operations and for demonstrating improved farming and farm-implement practices, the Institute possesses sufficient agricultural farm. The trainees are expected to participate actively in all the programmes of farm operations and development.



STAFF

The Institute enjoys the status of a sub-ordinate office under the Union Ministry of Agriculture and Farmers Welfare (Dept. of Agriculture and Farmers Welfare) of Government of India. The responsibility for Organization and management of the Institute is wholly vested with the Director. He is assisted with qualified and experienced engineers and technicians.



AUDIO-VISUAL AIDS

The supplement “on-the-job training” a sizeable collection of cut-away models of tractors, engines, pumps, electric motors and a number of display charts, boards-models are available. The audio-visual section possesses a good number of technical films on digital form. The training rooms of institute are well equipped with Inter- active panel.

LIBRARY

The Institute is well equipped with library having books on various aspects of agricultural mechanization. In addition to the books, quite a good number of engineering journals are also available.

RESIDENTIAL & HOSTEL FACILITIES

The Institute is having a reasonably well furnished hostel for trainees where free lodging is provided. The mess is managed by the trainees. The Indoor and Outdoor sports facilities are also available for the trainees.

GUEST ROOM

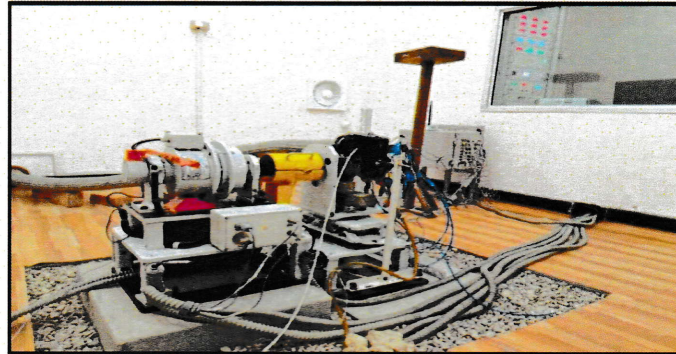
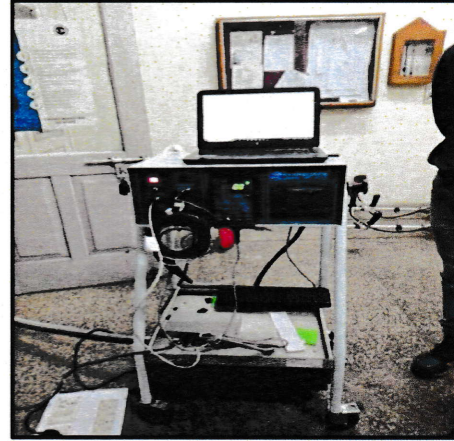
The guest room is equipped with modern amenities for the visitors available at the Institute for accommodating visitors.

TESTING

Testing Wing of the Institute is well equipped with modern infrastructure facilities viz. test labs with precision instruments/ equipment etc. required for testing of agricultural machinery/implements including hand tools, engines, components, etc. based on the BIS.

HOW TO AVAIL TESTING FACILITIES

The manufacturers/applicants can submit the duly filled Application in prescribed format and Technical Specifications through online Testing portal (<https://agrimachinery.nic.in>) It must be accompanied with the requisite Test fees in Bharatkosh (Bharatkosh.gov.in), PAO code - 000824, DDO code-103720 (referred to institute website given in leaflet itself).



TESTING CHARGES

S. No.	Name of Machine	2023-24	
		Test Fee* (Rs.)	Other Fees
1	2	3	4
1	Components	24569	GST as applicable at the time + other related charges viz. Lubricating oil, spare parts, seeds, etc.
2	Hand Tools	24569	
3	Power Operated Thresher, Decorticator, Sheller, Winnower, Brush Cutter, Chain Saw etc.	98197	
4	Animal drawn Equipment	52383	
5	Tractor drawn/Operated Implements/Equipment, Rotavater, Cultivator, Harrow, Plough, Hay Rake etc.	166954	
6	Manually operated Equipment	36974	
7	Power Tiller driven/Self Propelled Reaper, Power Weeder etc.	98197	
8	Tractor drawn/operated Seed cum fertilizer drill, Planters, Straw Reaper, Mini Rice Mill, Power Seed cleaners, Grader, Baler	175123	
9	Animal drawn Multi-tool Bar (Minimum attachments)	139107	
10	Self-Propelled Paddy Transplanter	238956	
11	Power operated Multi Crop Thresher (Two or more crop)	180045	

*15% testing charges will be enhanced for each following financial year.

TRAINING CALENDAR

NAME OF COURSE	CODE	COURSE NAME	DATE OF COMMENCEMENT	DURATION (WEEKS)	ELIGIBILITY	
A	USER LEVEL COURSES	U1	Appropriate Mechanization Technology for Energy Management in Agriculture	3 rd April 2023 4 th September 2023 4 th December 2023 1 st January 2024 5 th February, 2024 and as per requirement	4	Progressive farmers desirous of taking to mechanized farming, tractor and agricultural machinery owners, nominees of Central/ State Government Departments, extension workers and people working in private institutions using farm machinery
		U2	Selection, Operation, Safety and Maintenance of Improved Agricultural Machinery	31 st July, 2023 6 th November, 2023 and as per requirement	6	
		U3	Operation, Repair, Maintenance & Management of Power Tiller and Matching Equipment	17 th April, 2023 21 st August, 2023 5 th February, 2023 And as per requirement	2	
		U5	Gender friendly Equipment for Women farmers	17 th April, 2023 7 th August, 2023 13 th November, 2023 22 nd January, 2024 and as per requirement	3 days	
		U7	Water Management through sprinkler and drip Irrigation & water saving devices.	12 th February 2024 and as per requirement	1	
		U8	Selection ,operation and maintenance of Plant Protection Equipment	4 th Sept.2023 and as per requirement	1	
		U9	Selection, Operation, and Maintenance of improved Harvesting & Threshing machines	3 rd April ,2023 16 th October, 2023 and as per requirement	2	
		U11	Selection, operation and maintenance of Agri. Machinery for dry land Agriculture	1 st May 2023 and as per requirement	2	
		U12a	Package of Agri. Machinery for Paddy cultivation	24 th July.,2023 11 th December, 2023 and as per requirement	1	
		B	TECHNICIAN LEVEL COURSES	T1	Repair and overhauling of Stationery engines and tractors	
T2	Repair and Overhauling of Power Tillers			18 th September, 2023 1 st January, 2024 4 th March, 2024 and as per requirement	2	
T5	Repair and maintenance of Auto Electrical equipment and Battery re-conditioning			3 rd July, 2023 16 th October, 2023 1 st January, 2024 and as per requirement	3	
T8	Repair, maintenance & overhauling of diesel pumping sets			4 th Sept.,2023 22 nd January,2024 As per requirement	2	
C	MANAGEMENT LEVEL COURSES	M1	Testing and Evaluation of Farm Machinery	As per requirement	1	Representatives of tractor and agricultural machinery manufacturers, private entrepreneurs, Nominated officials from the Central/State Government organizations
		M2	Agriculture Machinery Management	As per requirement	1	
		M4	Instrumentation for Farm Machinery Testing and Evaluation	As per requirement	1	
		M5	Entrepreneurship development to establish custom hiring Agro-service Centre	As per requirement	8	
		M6	Farm machinery management for dealers / traders / manufacturers, etc.	As per requirement	1	
D	ACEDMIC LEVEL COURSES	A1	Practical Training programme on Farm Power & Machinery for Degree/Diploma Engineering Students.	1 st May,2023 5 th June,2023 3 rd July,2023 and as per requirement	4	Candidates nominated by the Degree/Diploma engineering Colleges
		A2	Practical Training programme on Farm Power and Machinery for ITI & vocational courses for 10+2 Students.	As per requirement	4	Candidates nominated by the ITI colleges
E	COMBINE MACHINE OPERATOR	QP2	Selection, Operation, Safety and Maintenance of Harvesting Machine.	31 st July, 2023 4 th December, 2023	5	Progressive farmers desirous of taking to mechanized farming,
F	TRACTOR OPERATOR COURSES	QP1	Selection, Operation, Safety and Maintenance of Tractor.	9 th Oct., 2023 5 th February, 2024	5	Progressive farmers desirous of taking to mechanized farming, tractor and agricultural machinery
G	NEED BASE	NB	Need based Training Programme on Farm Mechanization	As per requirement	-	
H	TECHNOLOGY TRANSFER CAMPS	TT1	Energy conservation & safety in Farm Machinery	As per requirement	-	Agricultural machinery users
		TT2	Familiarization and demonstration of improved/ modern Agri. Machines.	As per requirement	-	

Note: (1) The training programs which are not include or available on the above calendar will be conducted on demand from the needy organizations/individuals.(2) If there is Saturday or Sunday or Public holiday on the date of commencement of any training programme mentioned above the training will start on the next working day. (3) The actual training calendar for the particular year is published in the newspaper and also available on the Institute Website.