

Type of facility	Name of facility	Details of the facility (features)	Output/ Outcome from the facility	Institute having the facility	Name and designation of the Incharge, responsible for utilization of facility	Telephone numbers	e-mail id
				Name			
Culture and isolation of Bacteria	Laminar flow, Horizontal	Laminar flow, Horizontal	General microbiological work, virological work and work related to hazardous pathogens.	ICAR-RC-NEH		0364-2570071	drarnabsen123@gmail.com
	BOD Incubator	BOD incubator with Voltage Stabilizer 150 litre		ICAR-RC-NEH		0364-2570071	
	Biosafety cabinet III	Biosafety cabinet III		ICAR-RC-NEH		0364-2570071	
	Microcope (Compound /Flouroscent)	Trinocular Research microscope; Leica; Model-DMLB+MPS 60		ICAR-RC-NEH		0364-2570071	
Animal Cell culture	Inverted Microscope	Trinocular Inverted Microscope; Model-DM1L		ICAR-RC-NEH	All scientists of the Division of animal health	0364-2570071	
	CO ₂ incubator	Sanyo CO ₂ Incubator complete with	Isolation and identification of viral disease	ICAR-RC-NEH		0364-2570071	

		accessories (carbon dioxide incubator) Spino special instrument					
	Laminar flow, vertical	Laminar flow-vertical; Model-VLF4(S), size: 1200x600x600 mm		ICAR-RC-NEH			
Molecular biology	Thermal cycler	PCR machine with 96x0.2ml and 60x0.5ml block; Biorad: Gradient	Molecular diagnosis and detection of microbial genes. Viz. Rotavirus, Streptococcus, Clostridium, Pasteurella,	ICAR-RC-NEH		0364-2570071	
	Real time PCR	ABI Prism 7500, Dell laptop (accessories)	Brucella,	ICAR-RC-NEH			
	Microwave	Microwave Oven; Samsung; Model- CE-2733	Ecoli,	ICAR-RC-NEH			
	Electrophoresis apparatus	Mini Electrophoresis system; MP3	Salmonella,	ICAR-RC-NEH		0364-2570071	

		wiyh power pack; Biorad					
	SDS-Page apparatus	SDS-Page apparatus	Listeria, Aeromonas, Campylobacter,	ICAR-RC-NEH		0364-2570071	
Serology	ELISA Reader	ELISA Reader	Detection of antibodies against IBR, Brucellosis,	ICAR-RC-NEH			
Common	Western blot apparatus		Proteomics	ICAR-RC-NEH		0364-2570071	
	Ultra Deep freezer (-20)	Deep freezer Glass top; Blue star: 425 litre	Reposition of biological samples, sample purification, treatment and preservation	ICAR-RC-NEH		0364-2570071	
	Ultra sonicator	Ultra Sonicator; Sartorius India Pvt. Limited		ICAR-RC-NEH		0364-2570071	
	Lyophilizer	Micromodulyo -230; Niulab equipment.	Molecular biology and microbiology research	ICAR-RC-NEH		0364-2570071	
	Cooling centrifuge	Refrigerated centrifuge; Biofuge Primor R (with accessories); GMBH-		ICAR-RC-NEH			

		German					
	Shaker incubator	Shaker cum Shaking Incubator with accessories; Model- C24KC: Niulab Equipment Co Pvt.		ICAR-RC-NEH		0364-2570071	
	BOD Incubator	Incubator B.O.D Brand. Model- NSW_152; 830x505x415 mm		ICAR-RC-NEH		0364-2570071	
	Hot Air Oven	Hot Air Oven, HMG- India, size: 24"x24"x36", 250°C, 325 litre		ICAR-RC-NEH			
	Hybridization Oven with accessories	M/s Binder Gmbh Germany		ICAR-RC-NEH			
	Centrifuge Remi	Remi Revolutionary Table top high speed, Cooling centrifuge; Model- C-24		ICAR-RC-NEH		0364-2570071	

	Centrifuge-Biofuge	Refrigerated centrifuge; Biofuge Primor R (with accessories); GMBH-German		ICAR-RC-NEH		0364-2570071	
	Ultra Deep freezer blue star (-80)	Ultra freezer with accessories; Model-U535 VIP: Niulab Equipment Co Pvt		ICAR-RC-NEH			
	Gel Viewer (UV)	UV Cabinet; Rajasthani make	Molecular biology	ICAR-RC-NEH		0364-2570071	
	Triple Distilled assembly	Triple water Distillation Plant; Jindal Brand with metallic stand	Microbiology	ICAR-RC-NEH		0364-2570071	
	Milli-Q water Purification system with accessories	Milli-Q water Purification system with accessories	Molecular biology	ICAR-RC-NEH		0364-2570071	
	Light Microscope	Phase contrast	Being used for identification		Dr Satish Chandra, PS	3.643E+09	satishbarapani@sify.com
	Autoclave	horizontal	Used for sterilization				

	Laminar flow	horizontal	Provides aseptic condition				
	Hot air oven		Dry Sterilization				
	PCR machine	Gradient PCR	Being used for molecular studies				
	Gel doc system		same				
	Electrophoresis system		same				
	Refrigerated centrifuge		Sample purification and preparation				
	Research Microscope				All scientists of the division	0364-2570364	apatttanayak@gmail.com
	Laminarflow				Do	0364-2570364	
	Biolistic PDS				Do	0364-2570364	
	RT PCR				Do	0364-2570364	
	Geldoc				Do	0364-2570364	
	DNA sequencer				Do	0364-2570364	
	Root scanner				Do	0364-2570364	
	AAS					0364-2570364	
	Rotary vacuum					0364-2570364	

	evaporator						
	Stereo microscope					0364-2570364	
	Inverted microscope					0364-2570364	
	Electroporator					0364-2570364	
	Leaf area meter					0364-2570364	
	Soil moisture meter					0364-2570364	
Insect identification	Stereoscopic zoom microscope with digital photography (LEICA E24D)		Useful for routine work in taxonomy, Eight hundred and ninety insect species have been identified from the region, Digital images of many insects have been taken	ICAR-RC-NEH	Dr. D. M. Firake Scientist,	0364-2570372	dfirake@gmail.com
	Stereoscopic zoom microscope (Axiostar plus)	ZEISS For measurement of minute body parts of insects		ICAR-RC-NEH	Mr. Kanchan Saikia Scientist, (Entomology)	0364-2570372	kanchansaikia@yahoo.com
	Stereoscopic zoom microscope with digital	LEICA LM 1000 D		ICAR-RC-NEH	Dr. Rachna Pande Scientist, (Entomology)	0364-2570372	rachna.ento@gmail.com

	photography (LEICA)						
	Stereoscopic zoom microscope with camera lucida (LEICA)	LEICA MZ-6 Drawings for biosystematics study		ICAR-RC-NEH	Mr. Sandip Patra Scientist, (Entomology)	0364-2570372	sandippatra47@gmail.com
Mass rearing of bio- agents	Stericlean Vertical Laminar Flow cabinet	DM-189 Deepak Meditech Pvt. Ltd., New Delhi	Useful for routine work. Artificial diet for citrus trunk borer have been made	ICAR-RC-NEH	Mr. Kanchan Saikia Scientist, (Entomology)	0364-2570372	kanchansaikia@yahoo.com
	Vertical Autoclave	Nsw-227 Narang Scientific Work Ltd., Delhi	Sterilization of glassware's and instruments	ICAR-RC-NEH	Dr. G. T Behere Sr. Scientist (Entomology)	0364-2570372	ganeshbehere@gmail.com
	Research Centrifuge	REMI, Mumbai, Cat. No. R-24, 5/03 Serial no. EXCI-7489	Extraction and purification of microbial agents	ICAR-RC-NEH	Dr. G. T Behere Sr. Scientist (Entomology)	0364-2570372	ganeshbehere@gmail.com
	UV chamber	Rescholar Equipments M. No. R1-86-02	Mass sterilization of host eggs for rearing of parasitoids : Local strain of egg parasitoid was reared and	ICAR-RC-NEH	Dr. D. M. Firake Scientist, (Entomology)	0364-2570372	dfirake@gmail.com

			their biological attributes studied				
Insecticide bioassay	Potter Precision Laboratory Spray Tower	Burkard Manufacturing Co.Ltd. Rickmansworth Hertfordshire England	<i>In vitro</i> Insecticidal bioassay against many target insects have been done	ICAR-RC-NEH	Mr. Sandip Patra Scientist, (Entomology)	0364-2570372	sandippatra47@gmail.com
Residue analysis	HPLC	Perkin Elmer Series 200 pump, Series 200 EP Diode Array Detector, Series 200 Auto sampler, Series 200 UV/VIS Detector	Pesticides residue from various vegetable crops have been analyzed	ICAR-RC-NEH	Mr. Sandip Patra Scientist, (Entomology)	0364-2570372	sandippatra47@gmail.com
	Double beam UV-VIS Spectrophotometer 2101	Systronics Double beam UV-VIS Spectrophotometer 2101		ICAR-RC-NEH	Dr. Rachna Pande Scientist, (Entomology)	0364-2570372	rachna.ento@gmail.com
	Water Purification system (Millipore)	MILLIPORE Elix Pack name: Progard® 2, Cat. No: PROG00002, Install date:	Purified water requires in sample preparation for HPLC	ICAR-RC-NEH	Dr. D. M. Firake Scientist, (Entomology)	0364-2570372	dfirake@gmail.com

		30.8.10, Production date: 1.2.10, Lot no.:FOBA8136 0.					
	Quick /Deep freezer	REMI Instruments (- 200C)	Long term storage of samples	ICAR-RC-NEH	Dr. G. T Behere Sr. Scientist (Entomology)	0364- 2570372	ganeshbehere@gmail. com
	Laboratory facility	Water analysis	For analyzing pH, D.O, Dissolved carbon dioxide, Alkalinity, Hardness, Dissolved organic matter etc.	Analysis of water from institute ponds and farmer ponds are carried out on regular basis	Dr. S.K.Das	9.436E+09	Skdas01@yahoo.com
Laboratory facility	Proximate analysis of fish	For analyzing Moisture, Ash, Crude protein, Fat etc.	The facility is being used to analyze the proximate contents in native fish species of NEH region		Dr.S.K.Majhi	9.402E+09	sullipkm@gmail.com
	Equipment	UV spectrophotom eter	For analysis of enzymes and micro nutrients	The equipment is used to analyze micro nutrients present in water, fish	Dr.S.K.Majhi	9.402E+09	sullipkm@gmail.com

				muscle. Also for routine analysis of fish enzymes			
Workshop	Research Workshop	1.Major slotter machine (Major India). 2.LATHE Machine (HMT). 3.Milling Machine (BFW). 4.Hydraulic Vertical Press 10 Ton Machine (VIKAS). 5.Surface Grinder (HMT). 6.Air Compressor (Elgi). 7.Drill point grinder machine (Manu). 8.Shaping Machine (Modgil). 9.Nibbling machine (Itc commando).	Manufacture of prototypes of agricultural tools and equipments , Fabrication of new designs, Mass manufacturing of improved agricultural tools and equipments, machines as per demand, Fabrication of scientific equipments as per demand given by other organizations	ICAR-RC-NEH	Er. S. Mandal, Scientist, Mr. P. K. Dey, T4	8974206188, 0364257027 6, 9856749854	smandal2604@gmail.com

		10.Hand operated roll bending machine (Rolex) 11.Press brake machine (Trimans). 12.Radial drilling machine (Whitestar). 13.Shearing machine (Shayog). 14.Bending and forming machine (MBI). 15.Power hack saw (Swastik). 16.Power Incline Press (Master). 17.Grinder Machine (Wolf). 18.Column drilling machine (Royal). 19.Fly press (Simcon)					
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		<p>2 Nos. 20.Power sheet rolling machine (NJ Brand). 21.Arbour press (Rew). 22.Heavy duty grinding machine (Globe Engineering). 23.Sheet shearing machine. 24.Drilling machine (Simcon). 25.Spot welding machine (HPSM) 3 Nos. 26.Electric arc welding machine (AEF 450). 27.Gas Welding machine. 28.Power operated angle-cutting</p>					
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		machine (AJACO).					
Agricultural processing centre	Agro-processing centre	Pedal Cum power Operated, Grain Cleaner, Rice Huller, Hammer Mill , Power Operated De huller of soybean, Dhal mill , Electric Tray Dryer, Tray Dryer, Hammer mill, Electric oven, Dough Mixer, Mini soy Pannier Plant, Bottle Washer, Oil Expeller, Multi Purpose Grain Mill, Auto Clave, Grinder, Ginger / Turmeric Slicer, Heat Sealing Machine, Hydraulic	Training on processing of agricultural produce particularly ginger, turmeric, soybean, rice, pulses etc., Training on post harvest handling of food materials to farmers, trainers, Fabrication of new designs, Mass manufacturing of improved agricultural tools and equipments, machines as per demand, Fabrication of scientific equipments as per demand entrepreneur, Training on packaging and storage	ICAR-RC-NEH	Er. Arvind Kumar, Scientist (FMP), Mr. S. N. Talukdar, T4	9436166549, 0364257027 6, 9089195324	

		Press for juice Extraction, Screw Type juice Extractor, Pineapple Peeler- cum Corer, Pineapple Slicer, Steam jacketed Kettle, Pasteurizer cum heat exchanger, Non –IBR Steam boiler					
Soil & Water Conservation laboratory	Soil & Water Conservation laboratory	Oven (3nos), Manual Weighing balance(1), Electronic Weighting balance(2), Moisture Analyser (1), Magnetic Stirrer (1), Distillation Unit (1), Soil Stirrer (1), Standard Pentrometer	Analysis of soil and water samples, Training of trainers and students	ICAR-RC-NEH	Dr. R. K. Singh, Principal Scientist & Head, Mr. S. N. Talukdar, T4	9436731762, 03642570276	

		(1), Refrigerator (1), Pressure plate type Soil Moisture, Measuring Equipment (1), Moisture Analyser (1), Kjeldhal Apparatus (1)					
Tractors & Power tillers laboratory	Tractors & Power tillers laboratory	One 22 HP Mitshubishi make mini tractor, One Mahindra & Mahindra make 50 HP tractor, Power tillers – 2, Vertical conveyer reaper, Light weight power tiller	Tillage of experimental field, Operation of tractor & power tiller operated equipments /machines, Training of farmers and students		Er. Arvind Kumar, Scientist (FMP), Mr. Chakra Bora	9436166549, 0364257027 6, 9402195310	
Micro-Photography	Olympus microscope	Olympus microscope with Photography attachment	Micro Photography	ICAR-RC-NEH	Dr. R. Laha, Senior Scientist	9612918346(no Divisional phone facility)	rglaha@gmail.com
Molecular diagnosis	Molecular diagnosis	Thermocycler, Electrophoresis	PCR product for specific animal	ICAR-RC-NEH	Dr. R. Laha, Senior Scientist	9612918346(no Divisional	rglaha@gmail.com

	using PCR	& Gel Documentation System	disease diagnosis			phone facility)	
Electrophoresis	PAGE and Immunoblot	Horizontal and Vertical Electrophoresis	Characterization of Antigens and identification of immunogenic proteins	ICAR-RC-NEH	Dr. R. Laha, Senior Scientist	9612918346(no Divisional phone facility)	rglaha@gmail.com
Centrifugation	Centrifugation of samples	Centrifugation of samples (upto 20,000 rpm and -5° C)	Expected product after centrifugation as per requirement (within the range of the instrument)	ICAR-RC-NEH	Dr. R. Laha, Senior Scientist	9612918346(no Divisional phone facility)	rglaha@gmail.com
Weighing Balance	Electronic Balance	Sartorius Make Electronic Balance single pan	Weighing of chemicals for molecular biology research	ICAR-RC-NEH	Dr. R. Laha, Senior Scientist	9612918346(no Divisional phone facility)	rglaha@gmail.com
Statistical computing environment	SAS: A high end statistical package	An AC lab of 10 computers (installed SAS) along with projector and UPS backup of 2.30 hrs with internet facility. Available a General purpose	In all 89 number of NARS personals have been trained including scientific and technical staffs. The software SAS has been introduced to the students of CPGS, CAU,	ICAR-RC-NEH	Mr. N. Uttam Singh	9.613E+09	uttamba@gmail.com

		<p>Statistical Software Package SAS (Standalone as well as internet based) consisting of all modules for perpetual use by different NARS Organizations (ICAR Institutes/ NRCs/ PDs/ SAUs/CAUs/Agricultural Colleges with Post Graduate Education, etc.). Anybody in NARS can get installed the software in their official machines free of cost. The software is also distributed to all the nodal centres of this centre and</p>	<p>Umiam, Meghalaya for their course titled "Data Analysis Using Statistical Packages"</p>				
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		<p>users also can get the software from the nodal centres and can be used for all the time to come.</p> <p>Available Books and manuals to use different modules of SAS (each copy of these books and manuals are also distributed to the nodal centres, regional centres and other NARS organizations in NE Region)</p>					
Laboratory	Analytical (Bio-chemical)	Analytical facility for estimation of TSS,acidity, Vit-c,Sugars, Pigments,textu re,colour,MAP	Quantitative analysis of fruits, vegetables,spices & processed products.		Dr.Amit Nath, Sr.Scientist	9.19612E+11	Amitnath2005@gmail .com

		,Nitrogen,phosphorous,fermentation etc					
Laboratory	Plant Biotech. facility	Tissue culture	Micropropagation of plants		Dr.B.C.Deka PS & Head	9.19436E+11	
Equipments	Texture analyzer		Analysis of texture of samples		Dr.Amit Nath,	9.19612E+11	
	Colour measuring system		Colour measurement of samples				
	UV-VIS Spectrophotometer		Analysis of different chemical parameter				
	Fibre extractor		Fibre content in samples				
	P ^H meter		P ^H (H ion concn.)				
	Gas analyzer		Analysis of N,O &CO ₂ in samples				
	MAP system		Modified atmosphere packaging of samples				
	Nitrogen analyzer		Total /available nitrogen& crude protein in samples				
	Flame		Phosphorous				

	photometer		content in samples				
	Leaf area meter		Measurement of leaf area				
	Soxlet apparatus		Curcumin content in turmeric				
	Water purification system		Pure water for lab work				
	Cooling centrifuge		Analytical work				
	Muffle furnace		Ash & total mineral content				
	Refractometer		Total soluble solid				
	Fermentar		Fermentation of samples				
	Deep freezer		preserve samples				
	Refrigerator		Preserve samples and chemicals				
	Spray drier						
	Incubator		To maintain optimum temp & moisture				
	Electronic analytical balance		Weighing of samples				
	1. Programmable freezer	For cryo-preservation of semen,	Long term Preservation and storage of		Dr. M. H. Khan and Dr. Suresh Kumar	9862579088, 9436769059	haidermeraj@rediffmail.com

		oocyte and embryo	genetic materials				
	2. Fluorescent Microscope	For differential staining of spermatozoa and embryo samples	Assessment of damage		Dr. G. Kadirvel, Dr. M. H. Khan	9.863E+09	haidermeraj@rediffmail
	1. Cyto genetics	Chromosomal studies on livestock	1. For Karyotyping of chromosomes, 2. For detecting chromosomal abnormalities,		Dr. Rantu Basumatary	9.402E+09	drrantu@rediffmail.com
	2. Semen Analysis of Pig, goat and cattle	Examination of semen and sperm abnormalities	For detecting infertility problems in boar, bull and buck		Dr. Suresh kumar, Dr. M. H. Khan	9436769059, 9862579088	Suresh_vet07@rediffmail.com, haidermerah@rediffmail.com
Livestock	Pig, Goat and Rabbit	250 numbers of pigs, 120 numbers of goats and 500 rabbits	For research purpose, Distribution to farmers, For vaccine production		Dr. Rantu Basumatary, Dr. P. K. Bharti	9402195487, 9402196601,	drrantu@rediffmail.com, drpanch29@rediffmail.com
Testing of soil, plant and water samples	1. KEL-PLUS semi automatic N and protein analyzer	*Consisting of separate digestion and distillation assembly. Can digest 20 samples at a time.	All these facilities are being utilized for analyzing samples (soil, plant, water) from individual farmers, farmer's	ICAR-RC for NEH	Head of the Division, Division of NRM	0364-2570589	samarendra.ches@gmail.com

			clubs, KVKs, other research organization, state govt. deptt. etc. besides using for Divisional & Student (CPGS, CAU, Umiam) research works.				
do	2. UV-VIS Spectrophotometer	*Used for colorimetric analysis of soil, plant and water samples. *Can operate in both UV and Visible range of wavelength	All these facilities are being utilized for analyzing samples (soil, plant, water) from individual farmers, farmer's clubs, KVKs, other research organization, state govt. deptt. etc. besides using for Divisional & Student (CPGS, CAU, Umiam) research works.				
do	3. Turbidity meter	*Used for turbidimetric analysis of elements e.g.	All these facilities are being utilized for analyzing				

		<p>sulphur * Battery operated high precision instruments that delivers results in NTU.</p>	<p>samples (soil, plant, water) from individual farmers, farmer's clubs, KVKs, other research organization, state govt. deptt. etc. besides using for Divisional & Student (CPGS, CAU, Umiam) research works.</p>				
do	4.Flame photometer	<p>*Used for flame photometric estimation of elements such as Potassium.</p>	<p>All these facilities are being utilized for analyzing samples (soil, plant, water) from individual farmers, farmer's clubs, KVKs, other research organization, state govt. deptt. etc. besides using for Divisional & Student (CPGS, CAU, Umiam) research works.</p>				

do	5. Yoder apparatus	<p>* Used for aggregate analysis of soil samples, *Consists of an array of sieves of different mesh size arranged in a cylindrical drum. *Electrically operated.</p>	<p>All these facilities are being utilized for analyzing samples (soil, plant, water) from individual farmers, farmer's clubs, KVKs, other research organization, state govt. deptt. etc. besides using for Divisional & Student (CPGS, CAU, Umiam) research works.</p>				
do	6. Pressure plate apparatus	<p>*Used for study of hydro-physical behavior of soil., *Highly sophisticated instrument</p>					
do	7. Hot air oven	<p>* Used for drying for samples, glassware etc. * Operates following the principle of dry</p>					

		heating technique					
do	8.BOD incubator	*Used for growing microorganisms under controlled temperature and oxygen supply.					
	Bomb Calorimeter			ICAR-RC-NEH			
	Battery Brooder						
	Canopy Analyzer						
	Electric Oven						
	Kel Plus (Automatic) with accessories						
	Digestion block						
	Electronic analytical balance						
	Flame photometer						
	Heating						

	mantles						
	Muffle furnace (Make ICT) (150x15 zoom)incl. digital temperature						
	Microscope						
	Mist Chamber						
	Power Tiller Trolley with accessories						
	Refrigerator						
	Remi deep freezer						
	Sony Handycam						
	Tripod for Sony Digital Camera						
	Seed germinator						
	Seed germinator						
Feed	Laboratory	Nutrition	Feed	ICAR-RC-NEH	Head, Animal	2570721	

Analysis	for chemical analysis of feeds	Laboratories	composition		Production		
Nitrogen/ protein analysis of foods/ feeds	Nitrogen Analyser	Sample digestion and distillation	Nitrogen or Protein value of samples	ICAR-RC-NEH	Head, Animal Production	2570721	
Crude Fibre analysis of foods/ feeds	Fibra Plus	Removal of acid and alkali (1.25% strength) soluble fraction from the food/feed sample	Crude Fiber content of sample	ICAR-RC-NEH	Head, Animal Production	2570721	
Ether Extract analysis of foods/ feeds	Soccs Plus	Removal of lipids/ pigments fraction from the food/feed sample	Crude Fat or ether extract content of sample	ICAR-RC-NEH	Head, Animal Production	2570721	
Sample drying	Hot Air Oven(s)	Removal of moisture from the food/feed sample	Dry matter content of sample	ICAR-RC-NEH	Head, Animal Production	2570721	
Sample ashing	Muffle Furnace	Removal of organic matter by ashing	Total ash content of sample	ICAR-RC-NEH	Head, Animal Production	2570721	
Weighing of samples	Analytical balance(s)		Measurement of weight of	ICAR-RC-NEH	Head, Animal Production	2570721	

			samples for analysis				
Measurement of pH	pH Meter		Determination of acidity or alkalinity (pH) value of liquid samples	ICAR-RC-NEH	Head, Animal Production	2570721	
Measurement of gross energy content	Bomb Calorimeter	Determination of heat generated on oxidation of food/ feed	Determination of calorific value of dry samples	ICAR-RC-NEH	Head, Animal Production	2570721	
Preparation of feed blocks	Feed Block Making Machine	Compaction of compound feeds or dry fodder	Compact feed blocks	ICAR-RC-NEH	Head, Animal Production	2570721	
Grinding of animal feeds/fodders	Feed/dry fodder grinding machine	Preparation of feeds for mixing or animal feeding	Ground animal feed	ICAR-RC-NEH	Head, Animal Production	2570721	
Blending of feed ingredients	Feed Mixer	Horizontal feed mixer (max 3 qtl capacity)	Compound animal feed	ICAR-RC-NEH	Head, Animal Production	2570721	
Fodder Production	Land: terraced up land and low land	Demonstration for cultivation of improved perennial grasses and groundnut as fodder, and	Fodder production	ICAR-RC-NEH	Head, Animal Production	2570721	

		experimental terraced up land area					
Animal Nutrition experimental facilities for conduction of feeding trials	Six numbers of metabolic cages for goats, housing facility for poultry, goats, pigs and poultry	Experimental feeding trials	Feed utilisation	ICAR-RC-NEH	Head, Animal Production	2570721	
Dairy Cattle housing	About 12 numbers of lactating dairy cattle may be housed and another 18 numbers of calves/heifers may be kept for feeding trials (metabolic trials cannot be conducted)	Experimental feeding trials on cattle	Feed utilisation	ICAR-RC-NEH	Head, Animal Production	2570721	