



## Short Term Courses at Technology Incubation Centre Bodoland University, Kokrajhar, Assam



	Name of the Curriculum: Course Fee in Rs: Eligibility	Duration	Remarks	Practical	Practical	Practical	Theory	Theory	Theory	Dissertation
1	Certificate Course in Rural Technology & Advance Mushroom farming <b>Course Fee:</b> Rs.2500 <b>Eligibility:</b> No educational qualification is required. Farmers with or without any formal education can apply	3 Months Total 6 Credit	Three Practical Papers & <b>No Theory</b> . Examinations will be based on practical understanding of the subjects and assignments and no written exams will be conducted	TICCRTAMP1 Practical Paper of 2 Credit	TICCRTAMP2 Practical Paper of 2 Credit	TICCRTAMP3 Practical Paper of 2 Credit	NIL	NIL	NIL	NIL
2	Diploma in Rural Technology & Entrepreneurship Development <b>Course Fee:</b> Rs.4500 <b>Eligibility:</b> HS from any stream	6 Months Total 10 Credit	Three Practical & Two Theory	TICDRTEDP1 Practical Paper of 2 Credit	TICDRTEDP2 Practical Paper of 2 Credit	TICDRTEDP3 Practical Paper of 2 Credit	TICCRTAMT4 Theory Paper of 2 Credit	TICCRTAMT5 Theory Paper of 2 Credit	NIL	NIL
3	Post Graduate Diploma in Rural Technology & Advance Entrepreneurship Development <b>Course Fee:</b> Rs.5500 <b>Eligibility:</b> Degree Pass from any stream	12 Months Total 14 Credit	Three Practical, Three Theory and Dissertation	TICPGDRTAEDP1 Practical Paper of 2 Credit	TICPGDRTAEDP2 Practical Paper of 2 Credit	TICPGDRTAEDP3 Practical Paper of 2 Credit	TICPGDRTAEDT4 Theory Paper of 2 Credit	TICPGDRTAEDT5 Theory Paper of 2 Credit	TICPGDRTAEDT6 Theory Paper of 2 Credit	TICPGDRTAEDD7 Dissertation 2 Credit

Practical Paper (P), Theory Paper (T)



## Short Term Courses at Technology Incubation Centre Bodoland University, Kokrajhar, Assam



**Name of the Programme:** Certificate Course in Rural Technology & Advance Mushroom farming

**Target Group:** Rural entrepreneur, Women Entrepreneur, Farmer, Self-Employer, SHGs etc

**Total Credit:** 6 Credit **Time:** 3 Months **Eligibility:** with or without formal education. Course Fee: Rs.2500

Practical Paper 1	<b>Code: TICCRTAMP1 Credit: 2</b>
Paper Name:	<b><i>Waste Management Technology</i></b>
UNIT 1: Composting	Vermi Composting, Composting for Mushrooms like Button, Preparation of Casing soil .
UNIT 2: Basic Mushroom Farming	Oyster Mushroom Farming, Paddystraw Mushroom Farming , Milky Mushroom Farming
UNIT 3: Disease Management of Mushroom	Management of Pest in Mushroom Compost and Mushroom Crop
UNIT 4: Gobar Gas Production	Methane Gas Production
UNIT 5: Arecanut Plate Production	Areca nut Plate Making

Practical Paper 2	Code: TICCRTAMP2 Credit: 2
Paper Name:	<b><i>Aquaculture Technology and Bee Keeping</i></b>
UNIT-1: Ornamental Fishery	Production of Aquarium, Knowing various Gadgets like Top filter, Heater, Stone
UNIT 2: Bio-Floc Fish Culture	Bio-floc fish culture, Bio-floc probiotic preparation
UNIT 3: Pearl Cultivation	Preparation of nucleus of designer pearl, Process of Surgery , Post treatment of mussel after surgery, Harvesting and Polishing of Pearl
UNIT 4: Aquaponics and hydroponics system	Types of hydroponics, Aquaponics , selection of fishes for aquaponics
UNIT-5: Bee Keeping	Knowing Bee Colonies, Bee farming

Practical Paper 3	Code: TICCRTAMP3 Credit: 2
Paper Name:	<b><i>Value Added Products, Packaging, spawn production and medicinal mushroom</i></b>
UNIT-1: Value added Products	Preparation of value added products like Noodles, Biscuits, Chocolate, Jam, Jelly, Pickle, Soup Powder, Cake, Khurma, Bhujia
UNIT-2: Drying and Packaging	Different types of Drying and Packaging and sealing
UNIT-3: Spawn Production	Grain Spawn, Plug Spawn, Liquid Spawn, Saw Dust Spawn, Media Preparation, Sterilization, Grain Processing, Inoculation, Incubation,
UNIT:4: Medicinal Mushroom	Woodear Mushroom, Golden needle Mushroom, Reishi Mushroom, Maitake, Turkey tail Mushroom, Shiitake Mushroom
UNIT-5: Capsule Preparation	Capsule Preparation and Sealing

<b>ADDITIONAL CREDIT :: Additional Course Fee on Request for this Paper</b>	
Practical Paper 4	Code: TICCRTAMP4 Credit: 2
Paper Name:	<b>SPAWN PRODUCTION &amp; BUTTON MUSHROOM CULTIVATION (LONG METHOD)</b>



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2	Diploma in Rural Technology & Entrepreneurship Development <b>Course Fee:</b> Rs.4500 <b>Eligibility:</b> HS from any stream	6 Months Total 10 Credit	Three Practical & Two Theory	TICDRTEDP1 Practical Paper of 2 Credit	TICDRTEDP2 Practical Paper of 2 Credit	TICDRTEDP3 Practical Paper of 2 Credit	TICCRTAMT4 Theory Paper of 2 Credit	TICCRTAMT5 Theory Paper of 2 Credit	NIL	NIL
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Practical Paper (P), Theory Paper (T)



## Short Term Courses at Technology Incubation Centre Bodoland University, Kokrajhar, Assam



**Name of the Programme:** **Diploma in Rural Technology & Entrepreneurship Development**

**Target Group:** Rural entrepreneur, Women Entrepreneur, Farmer, Self-Employer, SHGs, urban and semi urban youth etc

**Total Credit:** 10 Credit **Time-**6 Months **Eligibility:** H.S from any stream **Course Fee:** Rs.4500

Practical Paper 1	<b>Code:</b> TICDRTEP1 <b>Credit:</b> 2
Paper Name:	<b><i>Waste Management Technology</i></b>
UNIT 1: Composting	Vermi Composting, Composting for Mushrooms like Button, Preparation of Casing soil .
UNIT 2: Basic Mushroom Farming	Oyster Mushroom Farming, Paddystraw Mushroom Farming , Milky Mushroom Farming
UNIT 3: Disease Management of Mushroom	Management of Pest in Mushroom Compost and Mushroom Crop
UNIT 4: Gobar Gas Production	Methane Gas Production
UNIT 5: Arecanut Plate Production	Areca nut Plate Making

Practical Paper 2	<b>Code:</b> TICDRTEP2 <b>Credit:</b> 2
Paper Name:	<b><i>Aquaculture Technology and Bee Keeping</i></b>
UNIT-1: Ornamental Fishery	Production of Aquarium, Knowing various Gadgets like Top filter, Heater, Stone
UNIT 2: Bio-Floc Fish Culture	Bio-floc fish culture, Bio-floc probiotic preparation
UNIT 3: Pearl Cultivation	Preparation of nucleus of designer pearl, Process of Surgery , Post treatment of mussel after surgery, Harvesting and Polishing of Pearl
UNIT 4: Aquaponics and hydroponics system	Types of hydroponics, Aquaponics , selection of fishes for aquaponics
UNIT-5: Bee Keeping	Knowing Bee Colonies, Bee farming

Practical Paper 3	<b>Code:</b> TICDRTEP3 <b>Credit:</b> 2
Paper Name:	<b><i>Value Added Products, Packaging, spawn production and medicinal mushroom</i></b>
UNIT-1: Value added Products	Preparation of value added products like Noodles, Biscuits, Chocolate, Jam, Jelly, Pickle, Soup Powder, Cake, Khurma, Bhujia
UNIT-2: Drying and Packaging	Different types of Drying and Packaging and sealing
UNIT-3: Spawn Production	Grain Spawn, Plug Spawn, Liquid Spawn, Saw Dust Spawn, Media Preparation, Sterilization, Grain Processing, Inoculation, Incubation,
UNIT:4: Medicinal Mushroom	Woodear Mushroom, Golden needle Mushroom, Reishi Mushroom, Maitake, Turkey tail Mushroom, Shiitake Mushroom
UNIT-5: Capsule Preparation	Capsule Preparation and Sealing

<b>ADDITIONAL CREDIT :: Additional Course Fee on Request for this Paper</b>	
Practical Paper 4	<b>Code:</b> TICCRTAMP4 <b>Credit:</b> 2
Paper Name:	<b><i>SPAWN PRODUCTION &amp; BUTTON MUSHROOM CULTIVATION (LONG METHOD)</i></b>



## Short Term Courses at Technology Incubation Centre Bodoland University, Kokrajhar, Assam



Theory Paper 4	<b>Code:</b> TICDRTEDT4 <b>Credit:</b> 2
Paper Name:	<b><i>Nursery Management, Horticultural Crops, Plant Tissue Culture, Instrumentation</i></b>
UNIT-1: Nursery Management	Conditioning of soil, concept of organic and inorganic fertilizer, concept of liquid fertilizer
UNIT-2: Horticultural Crops	Layering, Grafting, dragon fruit plantation, Lichi Farming, Mango Farming
UNIT-3: Precision farming	Sensor and Drone based farming
UNIT:4: Plant Tissue Culture	Media, Sterilization, Explant Preparation, High Tech. Green House, Micro propagation
UNIT-5: Instrumentation	Use of pH meter, electronic balance, autoclave, microscope, soil and water analysis

Theory Paper 5	<b>Code:</b> TICDRTEDT5 <b>Credit:</b> 2
Paper Name:	<b>Fisheries &amp; Sericulture</b>
UNIT-1:	COMPOSITE FISHERY
UNIT-2:	INTEGRATED FISHERY
UNIT-3:	CAGE CULTURE
UNIT:4:	ZOO PLANKTON
UNIT-5:	SERICULTURE & MANAGEMENT



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Practical Paper (P), Theory Paper (T)



## Short Term Courses at Technology Incubation Centre Bodoland University, Kokrajhar, Assam



**Name of the Programme:** Post Graduate Diploma in Rural Technology & Advance Entrepreneurship Development

**Target Group:** Rural entrepreneur, Women Entrepreneur, Farmer, Self-Employer, SHGs, urban and semi urban youth, start ups etc

**Total Credit:** 14 Credit **Time:** 12 Months **Eligibility:** TDC from any stream **Course Fee:** Rs.5500

Practical Paper 1	<b>Code:</b> TICPGDRTAEDP1 <b>Credit: 2</b>
Paper Name:	<b><i>Waste Management Technology</i></b>
UNIT 1: Composting	Vermi Composting, Composting for Mushrooms like Button, Preparation of Casing soil .
UNIT 2: Basic Mushroom Farming	Oyster Mushroom Farming, Paddystraw Mushroom Farming , Milky Mushroom Farming
UNIT 3: Disease Management of Mushroom	Management of Pest in Mushroom Compost and Mushroom Crop
UNIT 4: Gobar Gas Production	Methane Gas Production
UNIT 5: Arecanut Plate Production	Areca nut Plate Making

Practical Paper 2	<b>Code:</b> TICPGDRTAEDP2 <b>Credit: 2</b>
Paper Name:	<b><i>Aquaculture Technology and Bee Keeping</i></b>
UNIT-1: Ornamental Fishery	Production of Aquarium, Knowing various Gadgets like Top filter, Heater, Stone
UNIT 2: Bio-Floc Fish Culture	Bio-floc fish culture, Bio-floc probiotic preparation
UNIT 3: Pearl Cultivation	Preparation of nucleus of designer pearl, Process of Surgery , Post treatment of mussel after surgery, Harvesting and Polishing of Pearl
UNIT 4: Aquaponics and hydroponics system	Types of hydroponics, Aquaponics , selection of fishes for aquaponics
UNIT-5: Bee Keeping	Knowing Bee Colonies, Bee farming

Practical Paper 3	<b>Code:</b> TICPGDRTAEDP3 <b>Credit: 2</b>
Paper Name:	<b><i>Value Added Products, Packaging, spawn production and medicinal mushroom</i></b>
UNIT-1: Value added Products	Preparation of value added products like Noodles, Biscuits, Chocolate, Jam, Jelly, Pickle, Soup Powder, Cake, Khurma, Bhujia
UNIT-2: Drying and Packaging	Different types of Drying and Packaging and sealing
UNIT-3: Spawn Production	Grain Spawn, Plug Spawn, Liquid Spawn, Saw Dust Spawn, Media Preparation, Sterilization, Grain Processing, Inoculation, Incubation,
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UNIT-5: Capsule Preparation	Capsule Preparation and Sealing

<b>ADDITIONAL CREDIT :: Additional Course Fee on Request for this Paper</b>	
Practical Paper 4	Code: TICCRTAMP4 Credit: 2
Paper Name:	<b><i>SPAWN PRODUCTION &amp; BUTTON MUSHROOM CULTIVATION (LONG METHOD)</i></b>



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Theory Paper 4	<b>Code:</b> TICPGDRTAEDT4 <b>Credit:</b> 2
Paper Name:	<b><i>Nursery Management, Horticultural Crops, Plant Tissue Culture, Instrumentation</i></b>
UNIT-1: Nursery Management	Conditioning of soil, concept of organic and inorganic fertilizer, concept of liquid fertilizer
UNIT-2: Horticultural Crops	Layering, Grafting, dragon fruit plantation, Lichi Farming, Mango Farming
UNIT-3: Precision farming	Sensor and Drone based farming
UNIT:4: Plant Tissue Culture	Media, Sterilization, Explant Preparation, High Tech. Green House, Micro propagation
UNIT-5: Instrumentation	Use of pH meter, electronic balance, autoclave, microscope, soil and water analysis

Theory Paper 5	<b>Code:</b> TICPGDRTAEDT5 <b>Credit:</b> 2
Paper Name:	<b><i>Fisheries &amp; Sericulture</i></b>
UNIT-1:	Composite fishery
UNIT-2:	Integrated fishery
UNIT-3:	Cage culture
UNIT:4:	Zoo plankton and Phyto-plankton Culture
UNIT-5:	Sericulture & management

Theory Paper 6	<b>Code:</b> TICPGDRTAEDT6 <b>Credit:</b> 2
Paper Name:	<b>BUSINESS MODELS, START Ups, FIG, FPO, Clusters</b>
UNIT-1:	Business Development vs. Business Growth
UNIT-2:	Market Research and Analysis
UNIT-3:	Business Models and Strategies
UNIT:4:	Legal and Ethical Considerations
UNIT-5:	International Trade and Regulation, Global Risk Management

DISSERTATION	<b>Code:</b> TICPGDRTAEDD7 <b>Credit:</b> 2
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