



Department of Commerce

J.D.S.G. College, Bokakhat

Assam - 785612

Motiram Das

Head of the Department

Contact No : 9365313237

(1) Add on Course of Tally. (Dept of Commerce)

Name of students

- | | |
|-------------------------|---------------------|
| 1) Sahid Rahman | 21) Anjali Gupta |
| 2) Eman Bora | 22) Binud Maji |
| 3) Tonmoy Bora | 23) Anirudh Subedi |
| 4) Ranjit Yadav | 24) Pahi Parasur |
| 5) Prityanshu Choudhary | 25) Indu Chetry |
| 6) Sneha Roy | 26) Renu Kurmi |
| 7) Riya Kalita | 27) Sneha Subbarao |
| 8) Satyajit Saikia | 28) Simran Sakhi |
| 9) Anuraj Kashyap | 29) Ayush Kr. Gupta |
| 10) Sanjoy Tanti | 30) Suman Chauhan |
| 11) Dipankar Tanti | |
| 12) Barkha Saikia | |
| 13) Om Chetry | |
| 14) Piyam Swati Kalita | |
| 15) Himanshu Bora | |
| 16) Poban Das | |
| 17) Asit Kr. Singh | |
| 18) Nishu Ak | |
| 19) Bipra Kalita | |
| 20) Rishi Lam | |

(2) Add on Course of Entrepreneurship and Business Management

Motiram Das

HOD

Department of Commerce
J.D.S.G. College Bokakhat

CONTACT
J.D.S.G. College Bokakhat


J.D.S.G. COLLEGE
BOKAKHAT

Sl. No. MTT/EDN/23/

JOGANANDA DEVA SATRADHIKAR GOSWAMI COLLEGE, BOKAKHAT

Estd : 1964

(Affiliated to Dibrugarh University)

Six Months Add-on Course

on

"MONTESSORI TEACHERS' TRAINING"



Certificate

This is to certify that Sri/Smti

Roll no. has passed the six months Add on course on "Montessori Teachers' Training" from J.D.S.G. College Bokakhat under the supervision of Education Department of the college in the session February, 2023 to July, 2023.

He /she has good moral character.

GRADE :

(Dr. Jayanta Gogoi)
Principal

J.D.S.G. College, Bokakhat

(Ruli Khonikar)
Coordinator, Add-on Course
Montessori Teachers' Training

Date :

Place : J.D.S.G. College, Bokakhat

JOGANANDA DEVA SATRADHIKAR GOSWAMI COLLEGE



(Affiliated to Dibrugarh University)

Six Months Add-on Course on "Tea Plantation & Management"

CERTIFICATE

This is to certify that Sri/Smti.....

Roll No..... has passed the Six months Add-on Course on "Tea Plantation & Management" from J.D.S.G. College, Bokakhat in the Session November 2023- April 2024.

He/She bear good moral character.

GRADE:.....

(N. N. Baruah)

Coordinator

Add-on Course

Tea Plantation & Management

(Dr. Jayanta Gogoi)

Principal

J.D.S.G.College

Bokakhat

Date:

Place: J.D.S.G. College

Bokakhat

i. Which is the major Polyphenol present in black tea?

- (i). Theaflavins. (ii). Thearubigins.
(iii). Both a and b. (iv). None of the above.

j. Which one City is also known as "Tea city of India" –

- (i) Dibrugarh (ii) Sivasagar
(iii) Jorhat (iv) Golaghat

2. Write True or False-

1x10=10

- (i) Assam grows maximum tea in India.
(ii) The Tea Industry in Assam is about 172 years old.
(iii) The minimum age for joining the Employees' Provident Fund (EPF) is 21 years.
(iv) Tea cultivation known as Tsiology.
(v) The pH rage for tea cultivation is 4.5 to 6.2
(vi) Guwahati Tea Auction Center established in the year 1972.
(vii) Tea is harvested from **March to November**.
(viii) Tea is a Green Gold.
(ix) Tea Red Rust disease is caused by Bacteria.
(x) Fine plucking is the **earlier half of tea plucking** and the quality of tea is good.

3. Answer the following- (Any Three)

10x3=30

- (i) Explain the Problems and Prospects of Tea Industry in Assam? 10
(ii) Explain the various government policies for the development of Tea Industry. 10
(iii) Name the various Planting Materials approved by Tea Board of India. 10
(iv) Explain the various Methods of tea Plucking and Tipping. 10
(v) Explain the importance of water in growth and development of Tea Plant. 10
(vi) Explain the Role of soil nutrient in the growth and development of tea. 10
(vii) Explain the importance of Human resource management in Tea Industry. 10
(viii) Explain the Plantation Labour Act, 1951 and Payment of Bonus Act, 1936. 5+5=10
(ix) Explain the various objectives of Minimum Wage Act 1948. 10


Principal & Secretary
J.D.S.G. COLLEGE
BOWKHAHAT

Department of Economics
Add on course
TEA PLANTATION AND MANAGEMENT
Session- November 2023 To April 2024

Full Mark-50

Time- 2 Hours

1. Answer the following-

a. Tea was first drunk in _____.

1X10=10

- (i) China (ii) Europe
(iii) India (iv) America

b. What is Assam famous for?

- (i) Scenic beauty (ii) Tea plantations
(iii) Hills & mountains (iv) All of the above

c. Tea board of India was established in the year-

- (i) 1st April 1954 (ii) 10 March 1953
(iii) 15 April 1964 (iv) 5th June 1950

d. In which year did the payment of wages act come into force?

- (i) 23rd April, 1925 (ii) 28th March, 1940
(iii) 23rd April, 1936 (iv) 28th March, 1937

e. What is the maximum wage period for the payment of wages?

- (i) 1 month (ii) 40 days
(iii) 45 days (iv) 60 days

f. The act prescribing minimum limit of wages in certain employment is known as-

- (i) Payment of wages Act, 1936 (ii) Factories Act, 1948
(iii) Minimum wages Act, 1948 (iv) Child Labour (Prohibition and Regulation) Act 1986

g. What is the Assam share in India total Tea production?

- (i) One-Third (ii) Three-Fourth
(iii) More than half (iv) Almost 90%

h. Which of the following statement (s) is/are correct about Assam Tea?

- (i) Tea in Assam is grown in lowlands
(ii) Assam tea is generally harvested twice.
(iii) Assam tropical climate contributes to the unique malty taste of Assam tea.
(iv) All of the above.



Principal & Secretary
J.D.S.G. COLLEGE
BOKAKHAT



DEPARTMENT OF ECONOMICS
J.D.S.G. COLLEGE BOKAKHAT
(JOGANANDA DEVA SATRADHIKAR GOSWAMI COLLEGE)
(P.O. BOKAKHAT-785612 :: DIST. -GOLAGHAT(ASSAM))
Website : www.jdsgcollege.edu.in

Ref No :

Date :

List of Students
6 Month Add-on Course
(Tree Plantation & Management)
(Session- November 2023 to April 2024)

Sl. No	Name	Roll No
1	BHASKAR SAIKIA	1
2	DEBENDRA KUTUM	2
3	JITUL DAS	3
4	KESHAB MURAH	4
5	MANURANJAN PAYING	5
6	RISANG KAMAN	6
7	JUNMONI DAS	7
8	KORISHMITA MANDAL	8
9	MALAYA PEGU	9
10	POOJA DUTTA	10
11	PROVA BAWRI	11
12	SUITABLI GOGOI	12
13	DIPJYOTI KAKOTI	13
14	MONISH SARMAH	14
15	CHAYANIKA SAIKIA	15
16	CHRISTINA RONGPHARPI	16
17	DIPAMONI CHAROH	17
18	REKHAMONI BORA	18
19	TRISHNA DEVI	19
20	UTTOM ROBIDAS	20


Principal & Secretary
J.D.S.G. COLLEGE
BOKAKHAT

and weed - identification, symptoms and control measures by various synthetic chemical and organic chemicals ;Soil management- Soil Conservation, Role of soil nutrient in the growth & development of tea, study on nutrients deficiency symptoms & its improvement practices for growth & development; Water Management-Importance of water in growth & development of Tea Plant, and Management of Drainage & Irrigation operation.

Unit-IV: Welfare and Security under Labour Laws:

The Plantation Labour Act, 1951; The Factory Act, 1948; The Payment of wages Act, 1936; The Payment of Bonus Act, 1936; The Employee PF Act, 1952 & The Minimum wages Act, 1948.

Unit-V: Practical:

Field Survey, Project works in tea gardens and interaction with practitioners

Referred Books/Journals:

1. C.R. Harler: **The Culture and Marketing of Tea**, 3rd edition, 1964. Oxford University Press, London
2. D.N. Baruah: **Science & Practice in Tea Culture**, Tea Research Association, Tocklai Experimental station, Jorhat
3. K.C.Sharma: **Diseases of tea and Associated Crops in North East India**, 1960, Memorandum No. 26. Tocklai Experimental Station, Jorhat.
4. E. Hainsworth: **Tea Pests and Disease and their Control**, 1952, W. Heffer and Sons Ltd., Cambridge
5. Samuel Ball: **An Account of the Cultivation and Manufacture of Tea in China**, 1848, Longman, Brown, Green and Longmans, London
6. H. Panda: **Cultivation and Manufacture of Tea** (2nd Revised Edition), Paperback
7. **The Assam review and Tea News**, Monthly journal.
8. Edward Money :**The Cultivation & Manufacture of Tea** ,2016 Edition , Wentworth Press


Principal & Secretary
J.D.S.G. COLLEGE
BOKAKHAT

Department of Economics, J.D.S.G. College, Bokakhat
Add-on Course

on
Tea Plantation & Management

Justification of the course:

Department of Economics, J.D.S.G. College, Bokakhat has offered an add-on course on Tea Plantation & Management to the students of degree course of this college. This course is justified on the following grounds-

- i. Help in achieving suitable employment opportunities in varied skilled jobs in the tea industry of Assam.
- ii. Assist in making a good carrier on tea management so as to engage in the concerned industry or operate a small tea garden privately.
- iii. Assist in becoming a small tea grower.
- iv. Help in the growth of tea industry of Assam .

Syllabus of Course

(prepared by Bichitra Hira, Assistant professor, J.D.S.G.College, Bokakhat)

Unit-I: History & Importance of Tea Industry:

Origin of tea, importance and science of tea; History of Tea cultivation in India & Assam; History of Small Tea Growers(STGs) in Assam ; Importance of Tea Industry in India & Assam ; Government policies and support for Tea estate and Small Tea Growers ; Growth of STGs in Assam; Problems faced by STG in Assam; Inter-cropping & its importance ; Marketing of tea leaves & it's importance and Importance of leaves management.

Unit-II: Tea Culture and Agronomy:

Planting Materials approved by Tea Board of India; Propagation of Tea & Nursery Techniques- Propagation by seeds, Vegetative propagation, grafting, mother bush management; Establishment of tea plantation- Selection of Planting Site ;Land Preparation, Nursery Management ; Plant Spacing and Staking; Planting operation ; Soil& importance of soil structure for tea plantation- Soil structure, texture & soil health , Soil PH, Soil rehabilitation & Soil topography; Climatic conditions- temperature, rainfall& relative humidity ; Methods of Plucking & Tipping and Pruning & Training.

Unit-III: Tea Management:

Production management- Communication & Management Information system; Human resource management- Personal management and Industrial relations; Marketing and sales management ; Heath management ; Total quality management ; Management of Pest, disease