



The department conducted numerous certificate courses aimed at providing students with specialized knowledge and skills. These courses were designed to cater to diverse interests and enhance professional competencies. Participants received hands-on training, theoretical insights, and certification upon completion, which added value to their academic and professional profiles.

<b>Serial No.</b>	<b>Name of certificate course</b>	<b>Year</b>
<b>1</b>	<b>Yoga and healthy living</b>	<b>2019-2020</b>
<b>2</b>	<b>“Biopesticides and Biofertilizers”</b>	<b>2020-2021</b>
<b>3</b>	<b>"Know Your Plant"</b>	<b>2021-2022</b>
<b>4</b>	<b>"Introduction to the Plant World"</b>	<b>2022-2023</b>
<b>5</b>	<b>“Yoga: Physical and Mental Wellness”</b>	<b>2023-2024</b>

# Shyampur Siddheswari Mahavidyalaya

Ajodhya • Howrah • Pin - 711312

(Affiliated to the University of Calcutta)  
(Accredited by NAAC at the 'B' level)



President :

**SRI KALIPADA MANDAL**

Principal & Secretary :  
(Ex officio) Governing Body

**DR. SANTU KUMAR BOSE**

Ref. No. SSM/CERT/14/2019-2020

Date 2/01/2020

Department of BOTANY, Shyampur Siddheswari Mahavidyalaya will start a certificate course on "Yoga and Healthy Living" for the session 2019-2020.

The details of the course are as follows:

Certificate Course: **Yoga and Healthy Living**

Date of commencement: 2<sup>nd</sup> January 2020

Course Coordinators: Dr. Satarupa Dey, Ms. Sathi Seth (10 hours), Ms. Rituparna Roychowdhury

Course Duration: 30 Hours (January 2020 –February 2020)

Registration fees: Rs. 50 /-

Mode of Payment: Deposit the fees to the cash counter, S. S. M.

Last Date of Registration: 21<sup>st</sup> December 2019

Eligibility: open to all students

The candidates will be graded on the basis of the continuous assessment and examination that will be held at the end of the course. After successful completion of the course, the candidates will receive the certificate.

All the interested candidates are requested to submit the registration form along with the registration fees to the cash counter, Shyampur Siddheswari Mahavidyalaya, Ajodhya, Howrah, West Bengal-711312.

Enclosures:

Registration Form

Prospectus of the certificate course

(Dr. Santu Kumar Bose)

Principal *Principal*  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.



*Abal*  
Co-ordinator  
IQAC  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.

Attested  
*Shm*  
21/01/20  
Principal  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.

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**DR. SANTU KUMAR BOSE**

Ref. No. ....

Date 27/2/2020

Notice for Theory and viva exam for the  
Certificate course on "Yoga and Healthy Living"  
Department of Botany, Shyampur Siddheswari Mahavidyalaya  
Session: 2019-2020  
Date of Exam: 28/2/2020 and 29/2/2020  
Time: 2.30 -3.30 PM  
Venue: Room 2

All enrolled students must appear for the theory exam for successful  
completion of the course

(Dr. Santu Kumar Bose)

Principal



Co-ordinator  
IQAC  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.

ATTESTED

Principal  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.



## Multiple Choice Questions (MCQ) Test on Yoga and Healthy Living

### Instructions:

- This test consists of 12 multiple-choice questions.
- Each question carries varying marks, totaling 30 marks.
- Choose the most appropriate answer from the options provided.
- Write the selected option (A, B, C, or D) next to the corresponding question number on your answer sheet.
- There is only one correct answer for each question.

### Questions:

1. What is the primary goal of yoga philosophy?
- A) Physical fitness
  - B) Mental clarity
  - C) Holistic well-being
  - D) Spiritual enlightenment

(Marks: 2)

2. Which of the following is NOT one of the eight limbs of yoga?
- A) Asana
  - B) Pranayama
  - C) Meditation
  - D) Dieting

(Marks: 2)

3. Which type of yoga primarily focuses on physical postures?
- A) Bhakti Yoga
  - B) Jnana Yoga
  - C) Hatha Yoga
  - D) Karma Yoga

(Marks: 2)

4. Which pranayama technique involves alternate nostril breathing?
- A) Ujjayi Pranayama
  - B) Bhramari Pranayama
  - C) Kapalabhati Pranayama
  - D) Nadi Shodhana Pranayama

(Marks: 3)

5. What is the purpose of practicing mindfulness in daily activities?
- A) To increase stress levels
  - B) To cultivate mental agitation
  - C) To develop present-moment awareness
  - D) To distract oneself from reality



*Atendra*  
*Shu*  
*21/05/24*

Principal  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.

*ARAL*  
Co-ordinator  
AC  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.



(Marks: 3)

6. Which of the following is NOT a component of a balanced diet according to Ayurvedic principles?
- A) Fresh fruits and vegetables
  - B) Processed foods
  - C) Whole grains
  - D) Lean proteins

(Marks: 3)

7. Which yoga asana helps in improving flexibility and strength of the spine?
- A) Downward Facing Dog (Adho Mukha Svanasana)
  - B) Warrior II (Virabhadrasana II)
  - C) Cobra Pose (Bhujangasana)
  - D) Tree Pose (Vrikshasana)

(Marks: 3)

8. What is the primary purpose of practicing meditation?
- A) To increase stress levels
  - B) To cultivate mental clarity and focus
  - C) To promote mind wandering
  - D) To create emotional turmoil

(Marks: 4)

9. Which of the following pranayama techniques is known as "Victorious Breath"?
- A) Kapalabhati Pranayama
  - B) Ujjayi Pranayama
  - C) Bhramari Pranayama
  - D) Sheetal Pranayama

(Marks: 4)

10. What does Ayurveda consider as the root cause of diseases?
- A) Excessive exercise
  - B) Poor diet
  - C) Imbalance in bodily humors (doshas)
  - D) Lack of sleep

(Marks: 4)

11. Which limb of yoga emphasizes ethical principles and selfless action?
- A) Asana
  - B) Pranayama
  - C) Yamas and Niyamas
  - D) Pratyahara

(Marks: 4)



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Co-ordinator  
IQAC  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.

*[Handwritten Signature]*

21/05/24

Principal  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.

12. What is the primary purpose of cultivating self-awareness in yoga practice?

- A) To ignore one's thoughts and emotions
- B) To enhance self-criticism
- C) To promote self-acceptance and self-care
- D) To suppress personal growth

(Marks: 3)



Attested  
S. M.  
21/5/24

Principal  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.

  
Co-ordinator  
IQAC  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.

## Multiple Choice Questions (MCQ) Test on Yoga and Healthy Living

22  
25

### Instructions:

- This test consists of 12 multiple-choice questions.
- Each question carries varying marks, totaling 30 marks.
- Choose the most appropriate answer from the options provided.
- Write the selected option (A, B, C, or D) next to the corresponding question number on your answer sheet.
- There is only one correct answer for each question.
- Tick the correct option
- Time 30 mins

Date:

Name: DIPTI PAL Course Roll No. CC BOT-1920-230

### Questions:

1. What is the primary goal of yoga philosophy?

- A) Physical fitness
- B) Mental clarity
- C) Holistic well-being
- D) Spiritual enlightenment

+2

(Marks: 2)

2. Which of the following is NOT one of the eight limbs of yoga?

- A) Asana
- B) Pranayama
- C) Meditation
- D) Dieting

+2

(Marks: 2)

3. Which type of yoga primarily focuses on physical postures?

- A) Bhakti Yoga
- B) Jnana Yoga
- C) Hatha Yoga
- D) Karma Yoga

+2

(Marks: 2)

4. Which pranayama technique involves alternate nostril breathing?

- A) Ujjayi Pranayama
- B) Bhramari Pranayama



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Co-ordinator  
IQAC  
Shyampr Siddheswari Mahavidyalaya  
Ajodhya, Howrah.

*Attest ed*  
*Signature*  
2/11/24

Principal  
Shyampr Siddheswari Mahavidyalaya  
Ajodhya, Howrah.

*Signature*  
Head  
Department of Botany  
Shyampr Siddheswari Mahavidyalaya  
Howrah



- C) Kapalabhati Pranayama
- D) Nadi Shodhana Pranayama

(Marks: 3)

5. What is the purpose of practicing mindfulness in daily activities?
- A) To increase stress levels
  - B) To cultivate mental agitation
  - C) To develop present-moment awareness
  - D) To distract oneself from reality

+3 (Marks: 3)

6. Which of the following is NOT a component of a balanced diet according to Ayurvedic principles?
- A) Fresh fruits and vegetables
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  - C) Whole grains
  - D) Lean proteins

+3 (Marks: 3)

7. Which yoga asana helps in improving flexibility and strength of the spine?
- A) Downward Facing Dog (Adho Mukha Svanasana)
  - B) Warrior II (Virabhadrasana II)
  - C) Cobra Pose (Bhujangasana)
  - D) Tree Pose (Vrikshasana)

+3 (Marks: 3)

8. What is the primary purpose of practicing meditation?
- A) To increase stress levels
  - B) To cultivate mental clarity and focus
  - C) To promote mind wandering
  - D) To create emotional turmoil

+4 (Marks: 4)

9. Which of the following pranayama techniques is known as "Victorious Breath"?
- A) Kapalabhati Pranayama
  - B) Ujjayi Pranayama
  - C) Bhramari Pranayama
  - D) Sheetal Pranayama

(Marks: 4)



*Qrd*  
Co-ordinator  
IQAC  
Shyampur Siddheswari Mahavidyalaya  
Ajothya, Howrah.

Attested  
*Sdm*  
21/5/24

Principal  
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Ajothya, Howrah.

*Dej*  
Head  
Department of Botany  
Shyampur Siddheswari Mahavidyalaya  
Howrah

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- A) Excessive exercise
- B) Poor diet
- C) Imbalance in bodily humors (doshas)
- D) Lack of sleep

+4  
(Marks: 4)

11. Which limb of yoga emphasizes ethical principles and selfless action?

- A) Asana
- B) Pranayama
- C) Yamas and Niyamas
- D) Pratyahara

+4  
(Marks: 4)

12. What is the primary purpose of cultivating self-awareness in yoga practice?

- A) To ignore one's thoughts and emotions
- B) To enhance self-criticism
- C) To promote self-acceptance and self-care
- D) To suppress personal growth

+3  
(Marks: 3)

*Adal.*  
Co-ordinator  
IQAC  
Shyampur Siddheswari Mahavidyalaya  
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*Attested*

*S. S. S.*  
21/5/24

Principal  
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Ajodhya, Howrah.

*S. S. S.*  
Head  
Department of Botany  
Shyampur Siddheswari Mahavidyalaya  
Howrah



**ASSESSMENT SHEET**  
**CERTIFICATE COURSE ON "Yoga and Healthy Living"**  
**(SESSION 2019-2020)**

SR.NO	NAME	ROLL NO.	Theory Exam (M. M. 25)	Viva (M. M. 15)	Class test (M. M. 25)	Attendance (M. M. 10)	Class Performance (M. M. 25)	Total Marks & Grade
1.	SHIBUNATH SAMANTA	CC-BOT-1920-001	20	12	20	9	22	83 A
2.	MAHUYA PATRA	CC-BOT-1920-002	21	13	20	8	20	82 A
3.	PRANAB BERA	CC-BOT-1920-003	20	10	20	9	23	82 A
4.	SADHANA DOLUI	CC-BOT-1920-004	21	10	21	8	20	80 A
5.	SUSMITA BERA	CC-BOT-1920-005	22	14	22	9	23	90 A
6.	ARPAN GHORAI	CC-BOT-1920-006	18	10	22	8	20	78 B
7.	SAUMADIPTA MAITY	CC-BOT-1920-007	22	13	21	9	21	86 A
8.	MOU KOLA	CC-BOT-1920-008	21	10	20	9	20	80 A
9.	NASIMUDDIN MOLLA	CC-BOT-1920-009	20	10	20	9	20	79 B
10.	SK RAMIZ ALI	CC-BOT-1920-010	23	12	20	9	22	86 A
11.	PRITAM MAITY	CC-BOT-1920-011	21	14	20	9	21	85 A
12.	SUSMITA MANNA	CC-BOT-1920-012	20	10	23	9	22	84 A
13.	PUJA CHAULIA	CC-BOT-1920-013	18	10	22	8	22	80 A
14.	SURAJ PORIA	CC-BOT-1920-014	18	10	23	9	23	83 A
15.	SAKIL ANSARI MALLICK	CC-BOT-1920-015	20	10	20	9	24	83 A
16.	PRAMILA BHAKTA	CC-BOT-1920-016	20	12	21	8	17	78 B
17.	RUPA BAYEN	CC-BOT-1920-017	22	14	22	9	20	87 A
18.	SOUTRIK MONDAL	CC-BOT-1920-018	24	12	20	9	18	83 A
19.	ARNAB PRAMANIK	CC-BOT-1920-019	22	10	20	8	20	80 A
20.	RAJESWARI MAITY	CC-BOT-1920-020	24	10	20	9	20	83 A
21.	KAKAN MAHAL	CC-BOT-1920-021	20	10	21	9	20	80 A

*Shrey*  
Head  
Department of Botany  
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*Abh.*  
Co-ordinator  
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Ajodhya, Howrah.

*Atul*  
*Shw*  
21/05/20  
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Ajodhya, Howrah.

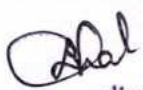



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**CERTIFICATE COURSE ON "Yoga and Healthy Living"**  
**(SESSION 2019-2020)**

22.	RITUPARNA JANA	CC-BOT-1920-022	18	10	20	9	20	77 B
23.	IMRAN HOSEN	CC-BOT-1920-023	16	10	21	9	18	74 B
24.	MOUSUMI MANNA	CC-BOT-1920-024	20	10	22	9	22	83 A
25.	SRABANA DAS	CC-BOT-1920-025	18	12	20	9	20	79 B
26.	BISHAL BHAKTA	CC-BOT-1920-026	16	14	18	9	20	77 B
27.	ANWESHA MAJI	CC-BOT-1920-027	20	15	24	9	20	88 A
28.	SWARUPA MONDAL	CC-BOT-1920-028	22	10	24	9	18	83 A
29.	TUHINA KHATUN	CC-BOT-1920-029	20	10	20	9	20	79 B
30.	INDRANI BAG	CC-BOT-1920-030	16	10	20	8	22	76 B
31.	MOUSUMI DAS	CC-BOT-1920-031	16	10	20	8	20	74 B
32.	DIPSIKHA MONDAL	CC-BOT-1920-032	16	12	20	8	22	78 B
33.	MAMONI KHATUN	CC-BOT-1920-033	16	11	22	8	22	79 B
34.	ANANYA MONDAL	CC-BOT-1920-034	16	14	22	8	24	84 A
35.	SAMPA PAUL	CC-BOT-1920-035	18	12	20	9	22	81 A
36.	TANUSHRI SANTRA	CC-BOT-1920-036	20	12	18	9	23	82 A
37.	SUDIPTA BERA	CC-BOT-1920-037	20	12	16	9	24	81 A
38.	ADARI DOLAI	CC-BOT-1920-038	20	12	18	9	22	81 A
39.	SAYANI MANDAL	CC-BOT-1920-039	20	14	18	9	22	83 A
40.	SURAJIT RAM	CC-BOT-1920-040	22	12	18	9	22	83 A
41.	ARGHYO SAMANTA	CC-BOT-1920-041	22	12	18	9	20	81 A
42.	KRISHANU SAMANTA	CC-BOT-1920-042	18	12	20	9	20	79 B
43.	SUPRAVAT SAMANTA	CC-BOT-1920-043	18	10	20	9	20	77 B
44.	RUBI MANNA	CC-BOT-1920-044	22	8	20	8	20	78 B
45.	RAKHI MANDAL	CC-BOT-1920-045	20	10	22	8	20	80 A

  
 Head  
 Department of Botany  
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 Howrah



  
 Co-ordinator  
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 Aajondya, Howrah.

**Attested**  
  
 Head  
 Shyampur Siddheswari Mahavidyalaya  
 Aajondya, Howrah.



**ASSESSMENT SHEET**  
**CERTIFICATE COURSE ON "Yoga and Healthy Living"**  
**(SESSION 2019-2020)**

46.	SOUMADIP PAUL	CC-BOT-1920-046	20	12	21	8	20	81 A
47.	RAKESH HAZRA	CC-BOT-1920-047	20	10	21	9	20	80 A
48.	TRISHNA DAS	CC-BOT-1920-048	20	10	20	9	18	77 B
49.	SIMA PURKAIT	CC-BOT-1920-049	22	10	20	9	18	79 B
50.	AYAN SAMANTA	CC-BOT-1920-050	24	12	20	9	16	81 A
51.	SUSANTA MANNA	CC-BOT-1920-051	25	14	20	9	18	86 A
52.	LIPIKA SAMANTA	CC-BOT-1920-052	25	12	22	9	18	86 A
53.	KOUSHIK DAS	CC-BOT-1920-053	20	12	20	8	18	78 B
54.	JYOTIRMOY BHOWMICK	CC-BOT-1920-054	22	12	21	8	20	83 A
55.	TUYA MALLICK	CC-BOT-1920-055	24	14	22	8	18	86 A
56.	SUSMITA DAS BAIRAGI	CC-BOT-1920-056	20	14	22	8	16	80 A
57.	SK NISHAR ALI	CC-BOT-1920-057	20	14	22	9	18	83 A
58.	PINKY MIDDEY	CC-BOT-1920-058	23	10	22	8	18	81 A
59.	SURESH SARDAR	CC-BOT-1920-059	20	12	23	9	18	82 A
60.	RIYA MONDAL	CC-BOT-1920-060	18	14	24	8	20	84 A
61.	SONALI MOLLIK	CC-BOT-1920-061	16	10	24	8	20	78 B
62.	TANUSHRI MIDDEY	CC-BOT-1920-062	16	10	20	9	20	75 B
63.	ANUPAM SAMANTA	CC-BOT-1920-063	16	10	20	9	20	75 B
64.	MOUSUMI CHAKRABORTY	CC-BOT-1920-064	18	10	20	8	20	76 B
65.	MOUSUMI DAS	CC-BOT-1920-065	18	10	20	9	20	77 B
66.	PRIYANKA KARMAKAR	CC-BOT-1920-066	20	14	20	9	22	85 A
67.	SMRITIKANA MANNA	CC-BOT-1920-067	20	14	22	9	20	85 A
68.	ANAMIKA HAZRA	CC-BOT-1920-068	22	14	24	9	20	89 A
69.	RIYA SAMANTA	CC-BOT-1920-069	20	14	20	9	22	85 A

*[Signature]*

Head

Department of Botany  
 Shyampur Siddheswari Mahavidyalaya  
 Howrah



*[Signature]*  
 Co-ordinator  
 IQAC

Shyampur Siddheswari Mahavidyalaya  
 Ajodhya, Howrah.


*[Signature]*

*[Signature]*  
 Principal  
 Shyampur Siddheswari Mahavidyalaya  
 Ajodhya, Howrah.



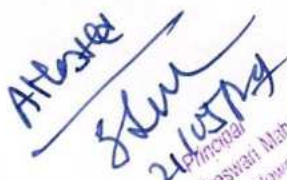
**ASSESSMENT SHEET**  
**CERTIFICATE COURSE ON "Yoga and Healthy Living"**  
**(SESSION 2019-2020)**

70.	ASTAMI GHORA	CC-BOT-1920-070	18	12	20	8	20	78 B
71.	APARNA MONDAL	CC-BOT-1920-071	18	10	21	8	20	77 B
72.	SUCHARITA MAITY	CC-BOT-1920-072	20	10	21	8	20	79 B
73.	PARAMITA PORE	CC-BOT-1920-073	22	10	20	8	22	82 B
74.	PIYALI DAS	CC-BOT-1920-074	20	12	20	8	20	80 A
75.	SHARMISTHA POLLEY	CC-BOT-1920-075	22	12	20	8	20	82 A
76.	NARGIS PARVIN	CC-BOT-1920-076	18	10	20	8	20	76 B
77.	SOUMI DOLAI	CC-BOT-1920-077	18	12	20	8	20	78 B
78.	KALYANI GHOSHAL	CC-BOT-1920-078	18	14	20	8	20	80 A
79.	RIYA POLLEY	CC-BOT-1920-079	18	12	21	9	20	80 A
80.	PAPIYA MONDAL	CC-BOT-1920-080	20	10	21	9	20	80 A
81.	SWAPNANIL SAMANTA	CC-BOT-1920-081	22	10	21	9	20	82 A
82.	ASMINA PARVIN	CC-BOT-1920-082	18	12	21	9	20	80 A
83.	SWARNALI BERA	CC-BOT-1920-083	18	12	21	9	22	82 A
84.	SUSHAMA MAITY	CC-BOT-1920-084	18	12	21	10	18	79 B
85.	SUBRATA MAJI	CC-BOT-1920-085	20	14	21	10	24	89 A
86.	MONALI SAMANTA	CC-BOT-1920-086	20	10	21	10	20	81 A
87.	SUNITA KHANRA	CC-BOT-1920-087	20	10	21	10	18	79 B
88.	NIPA DUARI	CC-BOT-1920-088	20	12	20	10	24	86 A
89.	SANTANU SANKI	CC-BOT-1920-089	20	12	20	10	18	80 A
90.	SAYAN BERA	CC-BOT-1920-090	20	12	20	10	18	80 A
91.	ARNAB PRAMANIK	CC-BOT-1920-091	20	14	20	10	24	88 A
92.	ARKADIP CHAKRABORTY	CC-BOT-1920-092	21	12	20	10	24	87 A
93.	SAYANTANI DAS	CC-BOT-1920-093	20	14	20	9	24	87 A

  
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**(SESSION 2019-2020)**

94.	BRISTI SAU	CC-BOT-1920-094	20	12	20	9	20	81	A
95.	ADITI MANNA	CC-BOT-1920-095	22	10	22	9	18	81	A
96.	NITU KANRAL	CC-BOT-1920-096	20	10	20	8	18	76	B
97.	ANKITA PRAMANIK	CC-BOT-1920-097	20	10	20	8	20	78	B
98.	MOUSUMI JANA	CC-BOT-1920-098	22	10	20	8	22	82	A
99.	RIYA JANA	CC-BOT-1920-099	22	10	24	8	24	88	A
100.	PAYEL PANDIT	CC-BOT-1920-100	22	10	22	8	25	87	A
101.	RIYA DAS	CC-BOT-1920-101	24	12	22	8	24	91	A
102.	PARVIN SULTANA	CC-BOT-1920-102	24	10	20	9	24	87	A
103.	CHINMOY FADIKAR	CC-BOT-1920-103	24	10	20	9	20	83	A
104.	SEULI GURIA	CC-BOT-1920-104	24	12	20	9	22	87	A
105.	SANTANA SAU	CC-BOT-1920-105	22	12	20	9	18	81	A
106.	SATARUPA PRAMANIK	CC-BOT-1920-106	24	10	20	8	20	82	A
107.	JOYLAXMI MONDAL	CC-BOT-1920-107	22	10	20	9	16	77	B
108.	SUDESHNA KUNDU	CC-BOT-1920-108	22	12	24	8	24	90	A
109.	RAJOSHRI MONDAL	CC-BOT-1920-109	24	14	22	9	24	93	A
110.	SUMONA MAITY	CC-BOT-1920-110	20	14	18	8	24	84	A
111.	PRIYANKA SAMANTA	CC-BOT-1920-111	20	14	16	9	24	83	A
112.	MANIKA KALSA	CC-BOT-1920-112	20	12	18	9	24	83	A
113.	DAMAYANTI SAMANTA	CC-BOT-1920-113	20	10	20	8	22	80	A
114.	SRIJITA CHAKRABORTY	CC-BOT-1920-114	20	10	20	8	20	78	B
115.	SUDESHNA PRAMANIK	CC-BOT-1920-115	20	10	22	8	20	80	A
116.	APARNA PORIA	CC-BOT-1920-116	20	10	24	9	20	83	A
117.	PAYEL BHUINYA	CC-BOT-1920-117	18	10	20	9	18	75	B

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Head  
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Co-ordinator  
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*Attest*

*Shw. 21/05/20*

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118.	MAMTAJ KHATUN	CC-BOT-1920-118	20	10	20	9	20	79 B
119.	RIMPA SING	CC-BOT-1920-119	18	10	20	8	21	77 B
120.	SANGITA DAS	CC-BOT-1920-120	18	10	20	9	24	81 A
121.	SANGITA PRAMANIK	CC-BOT-1920-121	18	12	20	9	24	83 A
122.	TRIDIPIA BERA	CC-BOT-1920-122	20	15	18	9	24	86 A
123.	SHILPA MAJI	CC-BOT-1920-123	22	12	20	9	24	87 A
124.	ANIMA MONDAL	CC-BOT-1920-124	20	12	22	9	24	87 A
125.	SONEHAR KHATUN	CC-BOT-1920-125	22	12	24	9	24	91 A
126.	RIYA SULTANA	CC-BOT-1920-126	20	12	22	9	20	83 A
127.	MOMENA KHATUN	CC-BOT-1920-127	22	12	24	9	18	85 A
128.	SUFAL MANNA	CC-BOT-1920-128	20	10	24	9	16	79 B
129.	URMILA PAUL	CC-BOT-1920-129	20	10	22	8	18	78 B
130.	ANANYA MONDAL	CC-BOT-1920-130	24	10	18	8	18	78 B
131.	ANUSHRI MONDAL	CC-BOT-1920-131	22	10	20	8	16	76 B
132.	SUKANYA PAUL	CC-BOT-1920-132	22	12	22	8	16	80 A
133.	PUJA MAJI	CC-BOT-1920-133	24	12	22	9	16	83 A
134.	ASMINA KHATUN	CC-BOT-1920-134	20	12	22	9	16	79 B
135.	PRITIKANA SANTRA	CC-BOT-1920-135	18	12	22	9	16	77 B
136.	MOUSUMI PARVIN	CC-BOT-1920-136	16	12	18	8	18	72 B
137.	POUSI MANNA	CC-BOT-1920-137	16	10	18	8	18	70 B
138.	CHANDRA RANI MONDAL	CC-BOT-1920-138	16	10	18	8	18	70 B
139.	MADHUMITA MONDAL	CC-BOT-1920-139	18	10	18	9	18	73 B
140.	MOUMITA KAPAT	CC-BOT-1920-140	18	12	18	9	16	73 B
141.	ABHINANDAN MALLICK	CC-BOT-1920-141	16	12	18	9	16	71 B

  
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 Shyampur Siddheswari Mahavidyalaya  
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142.	SAYAN SAMANTA	CC-BOT-1920-142	20	10	10	9	20	69 B
143.	SUSMITA KAYAL	CC-BOT-1920-143	20	10	20	8	21	79 B
144.	DEVKANTA JANA	CC-BOT-1920-144	20	15	12	6	21	74 B
145.	SANJIRA KHATUN	CC-BOT-1920-145	20	15	12	6	20	73 B
146.	SOMA KAYAL	CC-BOT-1920-146	18	15	20	6	21	80 A
147.	PARNABI MANNA	CC-BOT-1920-147	20	15	12	6	22	75 B
148.	SUMITRA PRAMANIK	CC-BOT-1920-148	20	15	12	6	20	73 B
149.	ANAMIKA GURIA	CC-BOT-1920-149	20	15	20	8	20	83 A
150.	SOMA PARUI	CC-BOT-1920-150	22	15	12	6	22	77 B
151.	PAYEL NASKAR	CC-BOT-1920-151	20	10	20	8	24	82 A
152.	SARAMA DAS	CC-BOT-1920-152	18	12	12	6	22	70 B
153.	SURAMA GUCHHAIT	CC-BOT-1920-153	18	12	14	6	22	82 A
154.	SUDIPTA PURKAIT	CC-BOT-1920-154	20	12	14	6	18	70 B
155.	SOUMEN GHORUI	CC-BOT-1920-155	22	12	12	6	20	72 B
156.	MADHUMITA PATRA	CC-BOT-1920-156	24	10	10	6	20	70 B
157.	KATHA MONDAL	CC-BOT-1920-157	20	12	20	8	16	76 B
158.	MALOBIKA RAIL	CC-BOT-1920-158	22	10	24	9	16	81 A
159.	AYAN KUMAR KHAN	CC-BOT-1920-159	20	12	24	9	16	81 A
160.	NAFISA PARVIN	CC-BOT-1920-160	20	10	22	10	22	84 A
161.	BIKKRAM GARANI	CC-BOT-1920-161	20	12	22	9	24	87 A
162.	ROMA DOLUI	CC-BOT-1920-162	18	10	22	10	20	80 A
163.	SUKUMAR GHOSH	CC-BOT-1920-163	18	12	22	8	20	80 A
164.	SUDIPTA GHOSH	CC-BOT-1920-164	18	10	24	8	20	80 A
165.	PRITI GIRI	CC-BOT-1920-165	20	8	22	8	20	78 B

  
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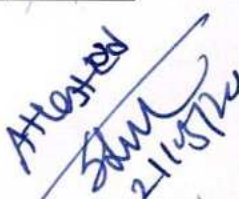
**ASSESSMENT SHEET**  
**CERTIFICATE COURSE ON "Yoga and Healthy Living"**  
**(SESSION 2019-2020)**

166.	SOUBHIK HAZRA	CC-BOT-1920-166	—	—	—	—	—	—
167.	SUROJIT SAU	CC-BOT-1920-167	20	10	20	8	21	79 B
168.	BISWARUP MONDAL	CC-BOT-1920-168	18	10	21	8	20	77 B
169.	RUPA RANI MAITY	CC-BOT-1920-169	20	10	20	8	20	78 B
170.	BIMAL PARUK	CC-BOT-1920-170	18	10	20	8	22	78 B
171.	SAYANI MONDAL	CC-BOT-1920-171	20	12	20	8	20	80 A
172.	ARPITA HAIT	CC-BOT-1920-172	20	12	18	9	21	80 A
173.	PRIYO MANDAL	CC-BOT-1920-173	—	—	—	—	—	—
174.	RINKU PRAMANIK	CC-BOT-1920-174	18	10	21	8	21	78 B
175.	MOUMITA KAPRI	CC-BOT-1920-175	—	—	—	—	—	—
176.	MST MOUSUMI KHATUN	CC-BOT-1920-176	16	10	20	8	20	74 B
177.	TANIA KAITY	CC-BOT-1920-177	16	12	20	8	20	76 B
178.	RIMPA PARUK	CC-BOT-1920-178	16	12	18	8	20	74 B
179.	SABANA KHATUN	CC-BOT-1920-179	20	12	20	8	20	80 A
180.	SAMARESH BERA	CC-BOT-1920-180	—	—	—	—	—	—
181.	SOVAN PARAMANIK	CC-BOT-1920-181	20	10	20	8	20	78 B
182.	RITUPARNA MONDAL	CC-BOT-1920-182	—	—	—	—	—	—
183.	SOVANA PATRA	CC-BOT-1920-183	20	10	18	8	18	74 B
184.	SUCHARITA PORIA	CC-BOT-1920-184	21	10	16	9	16	72 B
185.	SOUMOJIT MAITY	CC-BOT-1920-185	20	12	16	9	20	77 B
186.	MOUMITA MAJI	CC-BOT-1920-186	—	—	—	—	—	—
187.	PARIKSHIT MAJI	CC-BOT-1920-187	20	12	16	9	20	77 B
188.	DIPAK KABIRAJ	CC-BOT-1920-188	—	—	—	—	—	—
189.	SHILPA JANA	CC-BOT-1920-189	20	16	16	8	20	74 B

  
 Head  
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190.	INDADULLA KHAN	CC-BOT-1920-190	20	10	20	9	18	77 B
191.	RUPAK KUMAR DAS	CC-BOT-1920-191	18	10	22	9	20	79 B
192.	KOHINUR KHATUN	CC-BOT-1920-192	-	-	20	9	20	49
193.	MITHU MAITY	CC-BOT-1920-193	18	12	18	9	20	77 B
194.	SALMA KHATUN	CC-BOT-1920-194	18	10	20	9	20	77 B
195.	PAYEL BHAKTA	CC-BOT-1920-195	18	10	22	9	22	81 A
196.	PURNIMA DAS	CC-BOT-1920-196	16	10	18	9	20	73 B
197.	RABISANKAR PURKAIT	CC-BOT-1920-197	16	12	20	9	20	77 B
198.	KOUSTAV MANNA	CC-BOT-1920-198	20	12	20	9	22	83 A
199.	ARNAB DAS	CC-BOT-1920-199	20	10	20	9	22	81 A
200.	ARPITA GHOSH	CC-BOT-1920-200	22	10	22	9	20	83 A
201.	ARIJIT SAUTIA	CC-BOT-1920-201	20	10	24	10	20	84 A
202.	SANGITA PATRA	CC-BOT-1920-202	22	12	24	10	20	88 A
203.	RISHITA DUARI	CC-BOT-1920-203	20	12	24	10	18	84 A
204.	SIMA BERA	CC-BOT-1920-204	20	12	24	10	18	84 A
205.	SOURAV CHAKRABORTY	CC-BOT-1920-205	20	10	20	9	18	77 B
206.	JAYSHRI MONDAL	CC-BOT-1920-206	20	8	20	9	18	75 B
207.	SHAMPA MONDAL	CC-BOT-1920-207	18	8	20	9	18	73 B
208.	RIMPA PATRA	CC-BOT-1920-208	20	10	22	10	20	82 A
209.	MOUMITA HALDER	CC-BOT-1920-209	20	12	24	10	20	86 A
210.	DISHA MONDAL	CC-BOT-1920-210	20	10	20	9	20	79 B
211.	MANJUSHREE MAITY	CC-BOT-1920-211	22	10	20	9	24	85 A
212.	MOUSUMI MANDAL	CC-BOT-1920-212	22	10	20	9	20	81 A
213.	SUCHARITA PATRA	CC-BOT-1920-213	20	10	18	9	20	75 B

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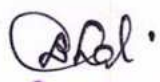


**ASSESSMENT SHEET**  
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**(SESSION 2019-2020)**

214.	PAYEL MAINAN	CC-BOT-1920-214	20	10	20	6	20	76 B
215.	SHILPA BERA	CC-BOT-1920-215	18	12	20	6	20	76 B
216.	AJMIRA KHATUN	CC-BOT-1920-216	16	10	21	6	20	73 B
217.	RUPALI PATRA	CC-BOT-1920-217	—	—	10	6	10	26
218.	RITTIKA MAITY	CC-BOT-1920-218	18	12	22	6	18	76 B
219.	TITHI MAL	CC-BOT-1920-219	20	14	20	8	20	82 A
220.	PRIYANKA MONDAL	CC-BOT-1920-220	22	10	21	8	18	79 B
221.	PUJA MONDAL	CC-BOT-1920-221	20	12	20	8	18	78 B
222.	RUBINA SEK	CC-BOT-1920-222	20	12	21	9	22	84 A
223.	SILPA JANA	CC-BOT-1920-223	20	12	20	9	20	81 A
224.	FIRDOUS ALAM	CC-BOT-1920-224	22	14	20	9	24	89 A
225.	APARNA DAS	CC-BOT-1920-225	20	12	20	9	20	81 A
226.	SUPRIYA KANRAR	CC-BOT-1920-226	18	14	20	8	20	80 A
227.	MOUSUME MULA	CC-BOT-1920-227	16	10	21	8	22	77 B
228.	MANASI GURE	CC-BOT-1920-228	18	12	18	8	18	74 B
229.	ASIYA KHATUN	CC-BOT-1920-229	20	10	20	9	18	77 B
230.	DIPTI PAL	CC-BOT-1920-230	24	14	20	10	24	92 A
231.	ALO MITRA	CC-BOT-1920-231	20	12	22	8	18	80 A
232.	SURESH MAITY	CC-BOT-1920-232	20	12	24	9	20	85 A
233.	SANGITA KANRAL	CC-BOT-1920-233	20	10	20	9	20	79 B
234.	ARINDAM TUNGA	CC-BOT-1920-234	22	8	20	9	22	81 A
235.	PAROMITA MAITY	CC-BOT-1920-235	18	8	20	9	20	75 B
236.	MOUMITA BAG	CC-BOT-1920-236	22	10	22	8	20	82 A
237.	PRIYA MONDAL	CC-BOT-1920-237	22	10	18	8	22	80 A

  
 Head  
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**ASSESSMENT SHEET**  
**CERTIFICATE COURSE ON "Yoga and Healthy Living"**  
**(SESSION 2019-2020)**

238.	SUCHARITA DAS	CC-BOT-1920-238	20	10	21	10	22	83 A
239.	SUPRIYA MAJI	CC-BOT-1920-239	-	-	-	-	-	-
240.	SAMPA JANA	CC-BOT-1920-240	21	8	22	6	20	77 B
241.	SUSMITA DAS	CC-BOT-1920-241	18	8	20	6	18	70 B
242.	SIDDHIKA KHATUN	CC-BOT-1920-242	20	8	20	10	20	78 B
243.	KALPANA MALLICK	CC-BOT-1920-243	22	12	18	9	18	69 B
244.	PALTU BIBAR	CC-BOT-1920-244	20	10	18	9	20	77 B
245.	TANISHA PARVIN	CC-BOT-1920-245	22	10	20	8	20	80 A
246.	SHILPA MAITY	CC-BOT-1920-246	20	12	20	8	18	78 B
247.	SIBANIE SASMAL	CC-BOT-1920-247	20	10	18	9	22	79 B
248.	MAHUYA PATRA	CC-BOT-1920-248	22	10	20	9	20	81 A
249.	ARINDAM MONDAL	CC-BOT-1920-249	18	10	20	9	22	79 B
250.	SHEFALI MONDAL	CC-BOT-1920-250	-	-	-	-	-	-
251.	MONISHA KHATUN	CC-BOT-1920-251	20	14	20	8	22	84 A
252.	JOYSHREE PURKAIT	CC-BOT-1920-252	20	14	24	9	24	91 A
253.	PAROMITA PRAMANIK	CC-BOT-1920-253	18	14	22	9	20	83 A
254.	JAYASRI MALLICK	CC-BOT-1920-254	20	14	24	8	22	88 A
255.	SOMASRI MONDAL	CC-BOT-1920-255	20	14	24	9	24	91 A
256.	BITHIKA PURKAIT	CC-BOT-1920-256	22	14	22	9	22	89 A
257.	SANTONA MONDAL	CC-BOT-1920-257	20	12	24	9	20	85 A
258.	SUPRATIM PORIA	CC-BOT-1920-258	20	10	22	9	20	81 A
259.	RUKSONA KHATUN	CC-BOT-1920-259	20	10	24	8	18	80 A
260.	RAHUL MANNA	CC-BOT-1920-260	-	-	-	-	-	-
261.	SOMNATH GURIA	CC-BOT-1920-261	20	10	22	8	18	78 B

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Head  
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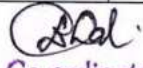


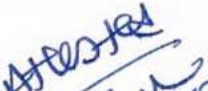
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262.	SAGATA RANI GURIA	CC-BOT-1920-262	20	10	20	9	21	80 A
263.	SHRABANTI MAJI	CC-BOT-1920-263	18	10	20	8	20	76 B
264.	MADHUPRIYA KAYAL	CC-BOT-1920-264	18	12	18	9	22	79 B
265.	SATHI KHADDAR	CC-BOT-1920-265	20	10	22	6	20	78 B
266.	PRIYA RANI MONDAL	CC-BOT-1920-266	18	12	24	6	22	92 A
267.	RAJASHRI PRAMANIK	CC-BOT-1920-267	20	10	22	9	22	83 A
268.	SK MAHEBUB RAHAMAN	CC-BOT-1920-268	20	12	20	6	24	82 A
269.	SUPRIYA PRAMANIK	CC-BOT-1920-269	18	12	24	6	24	84 A
270.	KARIMA KHATUN	CC-BOT-1920-270	20	12	20	6	22	80 A
271.	JABEDA KHATUN	CC-BOT-1920-271	20	12	20	6	22	80 A
272.	MANISHA MAITY	CC-BOT-1920-272	22	12	20	6	22	82 A
273.	SUPRIYA JANA	CC-BOT-1920-273	24	15	18	8	22	87 A
274.	AISHWARYA JANA	CC-BOT-1920-274	18	10	18	8	22	76 B
275.	SUJATA DUARY	CC-BOT-1920-275	20	10	16	6	18	70 B
276.	PUSPITA MONDAL	CC-BOT-1920-276	20	12	20	6	18	76 B
277.	SAYAN KHADDAR	CC-BOT-1920-277	24	15	20	9	20	88 A
278.	KRISHNENDU PRADHAN	CC-BOT-1920-278	20	12	22	9	20	83 A
279.	MOUMITA DAS	CC-BOT-1920-279	18	12	22	9	20	81 A
280.	BAISHAKHI DAS	CC-BOT-1920-280	20	10	22	9	20	81 A
281.	MOSS SARIFA KHATUN	CC-BOT-1920-281	20	10	24	8	18	80 A
282.	JAYITA MALLICK	CC-BOT-1920-282	16	12	22	9	20	79 B
283.	SUTRISHNA KAYAL	CC-BOT-1920-283	16	12	22	9	20	79 B
284.	RITA DAS	CC-BOT-1920-284	18	12	22	9	20	81 A
285.	BANASHREE SAMANTA	CC-BOT-1920-285	20	12	20	9	20	81 A

  
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286.	JASMINARA KHATUN	CC-BOT-1920-286	22	15	22	9	20	88 A
287.	NILIMA SAMANTA	CC-BOT-1920-287	20	10	20	9	20	79 B
288.	MOUMITA DAS	CC-BOT-1920-288	22	10	22	9	20	83 A
289.	MOUMITA DOLUI	CC-BOT-1920-289	22	12	20	9	20	83 A
290.	PONALISHA SAMANTA	CC-BOT-1920-290	20	12	20	9	22	83 A
291.	SARIKA PARVIN	CC-BOT-1920-291	-	-	-	-	-	-
292.	PRIYANKA HAZRA	CC-BOT-1920-292	20	12	20	9	20	79 B
293.	SK MOUSPHAKUR RAHAMAN	CC-BOT-1920-293	20	12	20	9	22	83 A
294.	JUI MONDAL	CC-BOT-1920-294	20	10	22	9	20	81 A
295.	AMIT NATH SHAW	CC-BOT-1920-295	22	10	20	9	22	83 A
296.	RIYA JANA	CC-BOT-1920-296	22	10	22	8	22	84 A
297.	SUMAN BERA	CC-BOT-1920-297	24	10	20	8	22	84 A
298.	HOIMONTY MAJEE	CC-BOT-1920-298	22	10	20	8	20	80 A
299.	JASMINARA KHATUN	CC-BOT-1920-299	20	8	22	8	22	80 A
300.	RINITA MANNA	CC-BOT-1920-300	22	10	20	8	20	80 A
301.	MST RASHMINA PARVIN	CC-BOT-1920-301	24	10	22	8	20	84 A
302.	SUMANA SAMANTA	CC-BOT-1920-302	-	-	-	-	-	
303.	MERINA KHATUN	CC-BOT-1920-303	22	10	20	8	18	78 B
304.	JUTHIKA MAJI	CC-BOT-1920-304	-	-	-	-	-	
305.	TUHINA PARVIN	CC-BOT-1920-305	22	10	22	8	20	82 A

*Shal.*

Co-ordinator  
 IQAC  
 Shyampur Siddheswari Mahavidyalaya  
 Ajedhya, Howrah.

*Attested*

*Shw*  
 21/05/19

Principal  
 Shyampur Siddheswari Mahavidyalaya  
 Ajedhya, Howrah.

*Devi*

Head  
 Department of Botany  
 Shyampur Siddheswari Mahavidyalaya  
 Howrah





# SHYAMPUR SIDDHESWARI MAHAVIDYALAYA

## DEPARTMENT OF BOTANY

CERTIFICATE COURSE ON "Yoga and Healthy Living"

(January 2020-February 2020)

### Certificate of Participation

This is to certify that Mr./Ms. DIPTI PAL, a student of Shyampur Siddheswari Mahavidyalaya has successfully participated and completed the thirty one hours certificate course entitled "Yoga and Healthy Living" and obtained Grade A.

*Satarupa Dey*

**Dr. Satarupa Dey**  
**H.O.D and Course**  
**coordinator**

Head  
Department of Botany  
Shyampur Siddheswari Mahavidyalaya  
Howrah

*Ramakrishna*

**Mr. R. Mukherjee**  
**IQAC coordinator**

Co-ordinator  
IQAC  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.

*Santu Kumar Bose*

**Dr. Santu Kumar Bose**  
**Principal**

Principal  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.

Attested  
SKM  
21/5/20

Principal  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.



## Report on the certificate course on Yoga and Healthy Living

The "Yoga and Healthy Living" certificate course is a comprehensive program designed to introduce participants to the principles and practices of yoga, as well as provide knowledge on holistic wellness and healthy living. Over the course of six weeks, participants are immersed in various aspects of yoga philosophy, asanas (poses), pranayama (breath control), meditation, mindfulness, nutrition, and personal wellness routines. Department of Botany conducted a certificate course on "Yoga and Healthy Living" from 2<sup>nd</sup> January 2020 till 24<sup>th</sup> February 2020. A total of 305 students of B.A honours and general of Semester 1, 3 and 5 enrolled to the course, it was evident that there was a significant interest in learning about this topic. The course began with an inaugural programme on 2<sup>nd</sup> January 2020. This program was attended by all the enrolled students, faculties and Head of the institute. The classes were taken by Dr Satarupa Dey, Head, Department of Botany, Ms Sathi Seth and Rituparna Roy Chowdhury SACT, Department of Botany. The course duration of 30 hours, with classes held for 2 hours each, allowed for a well-rounded learning experience that included both practical sessions to practice yoga poses and theory classes to understand the principles behind them. This combination of practical and theoretical knowledge ensured that students were able to not only perform yoga correctly but also understand its impact on their overall health and well-being. The examination conducted at the end of the course, consisting of both viva and theory components, provided students with an opportunity to demonstrate their understanding of the material covered throughout the program. This assessment allowed for a comprehensive evaluation of each student's knowledge and skills in yoga and healthy living. The examination was conducted on 28<sup>th</sup> and 29<sup>th</sup> February 2020 in two batches both viva and theory examination was taken.

*Satarupa Dey*

Dr. Satarupa Dey

**Course coordinator**

Head  
Department of Botany  
Shyampur Siddheswari Mahavidyalaya  
Howrah



*Abal*

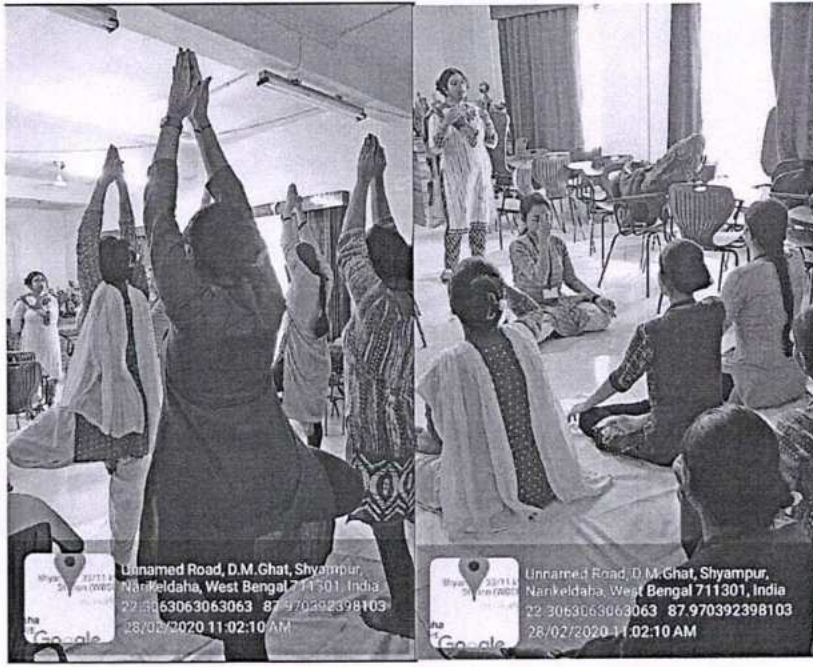
Co-ordinator  
IQAC  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.

*Attested*

*Sun*  
21/02/20

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Shyampur Siddheswari Mahavidyalaya  
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Glimpses of the examination session

*Abd'*

Coordinator  
 IQAC  
 Shyampur Siddheswari Mahavidyalaya  
 Ajodhya, Howrah.



*Attested*

*Shm*  
 21/07/19

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 Shyampur Siddheswari Mahavidyalaya  
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Certificate Course  
YOGA AND HEALTHY LIVING  
2019-2020



Ms. Rituparna Roy Chowdhury (Dept. of Botany) is taking the class



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*[Signature]*  
Co-ordinator  
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Shyampur Siddheswari Mahavidyalaya  
Ajudhya, Howrah.



# Shyampur Siddheswari Mahavidyalaya

Ajodhya • Howrah • Pin - 711312

(Affiliated to the University of Calcutta)  
(Accredited by NAAC at the 'B' level)



President :

**SRI KALIPADA MANDAL**

Principal & Secretary :  
(Ex officio) Governing Body

**DR. SANTU KUMAR BOSE**

Ref. No. SSM/CERT/10/2020-2021

Date 04/01/2021

## NOTICE

Department of BOTANY, Shyampur Siddheswari Mahavidyalaya will start a certificate course on “**Biofertilizers and Biopesticides**” for the session 2020-2021.

The details of the course are as follows:

Certificate Course: **Biofertilizers and Biopesticides**

Date of commencement: 18th January 2021

Course Coordinators: Dr. Satarupa Dey, Ms. Sathi Seth (10 hours), Ms. Rituparna Roychowdhury

Course Duration: 30 Hours (January 2021 –February 2021)

Last Date of Registration: 11<sup>th</sup> January 2021

Eligibility: open to all students

The candidates will be graded on the basis of the continuous assessment and examination that will be held at the end of the course. After successful completion of the course, the candidates will receive the certificate.

Enclosures:

Registration Form

Prospectus of the certificate course

(Dr. Santu Kumar Bose)

Principal

Principal  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah



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Principal  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.

Co-ordinator  
Dr. Satarupa Dey  
Ms. Sathi Seth  
Ms. Rituparna Roychowdhury  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah

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(Affiliated to the University of Calcutta)  
(Accredited by NAAC at the 'B' level)



President :

**SRI KALIPADA MANDAL**

Principal & Secretary :  
(Ex officio) Governing Body

**DR. SANTU KUMAR BOSE**

Ref. No. ....

Date 25/2/2021

Notice for Theory exam for the  
**Certificate course on "Biofertilizers and Biopesticides"**  
Department of Botany, Shyampur Siddheswari Mahavidyalaya  
Session: 2020-2021  
Date of Exam: 1/3/2021  
Time: 2.30 -3.30 PM

All enrolled students must appear for the theory exam for successful completion of the course

(Dr. Santu Kumar Bose)

Principal

Principal  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.

Co-ordinator

IQAC  
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## Multiple Choice Questions (MCQ) Test

### Biofertilizers and Biopesticides

#### Instructions:

- This test consists of 25 multiple-choice questions.
- Each question carries 1 mark.
- Choose the most appropriate option and mark your answer on the answer sheet.
- There is only one correct answer for each question.
- Duration one hour

**Question 1:** What is the primary objective of using biofertilizers and biopesticides in agriculture?

- a) To increase soil acidity
- b) To enhance soil fertility and crop protection
- c) To reduce water usage
- d) To promote erosion

**Question 2:** Which of the following is NOT a type of biofertilizer?

- a) Nitrogen-fixing
- b) Phosphorus-absorbing
- c) Potassium-mobilizing
- d) Plant growth-promoting rhizobacteria (PGPR)

**Question 3:** Which production method is commonly used for biofertilizers?

- a) Chemical synthesis
- b) Genetic modification
- c) Fermentation
- d) Hydroponics

**Question 4:** What are the modes of action of biopesticides?

- a) Insecticidal, Fungicidal, and Herbicidal
- b) Antibacterial, Antifungal, and Antiviral
- c) Nematicidal, Rodenticidal, and Larvicidal
- d) Desiccant, Repellent, and Ovicidal

**Question 5:** What is the primary advantage of using biopesticides over chemical pesticides?

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- a) Higher cost
- b) Shorter residual effect
- c) Limited target specificity
- d) Resistance development in pests

**Question 6:** Which application method is commonly used for biopesticides?

- a) Trunk injection
- b) Soil drenching
- c) Foliar spray
- d) All of the above

**Question 7:** What is the environmental benefit of using biofertilizers and biopesticides?

- a) Increased chemical pollution
- b) Soil degradation
- c) Biodiversity conservation
- d) Soil compaction

**Question 8:** Which of the following is NOT a challenge in scaling up bio-input adoption in agriculture?

- a) Limited awareness
- b) Resistance development in pests
- c) Regulatory barriers
- d) Technology transfer

**Question 9:** What is the primary role of nitrogen-fixing bacteria in biofertilizers?

- a) Solubilize phosphorus
- b) Mobilize potassium
- c) Fix atmospheric nitrogen
- d) Promote root growth

**Question 10:** Which regulatory guidelines ensure the quality control of biofertilizers and biopesticides?

- a) International Organization for Standardization (ISO)
- b) United Nations Educational, Scientific and Cultural Organization (UNESCO)
- c) Food and Agriculture Organization (FAO)
- d) World Health Organization (WHO)

**Question 11:** Which of the following is NOT a type of biopesticide?

- a) BOTGanical
- b) Microbial
- c) Chemical
- d) Biochemical

**Question 12:** What is the primary economic benefit of using biofertilizers and biopesticides?

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- a) Increased input costs
- b) Higher crop yield
- c) Decreased market competitiveness
- d) Limited availability

**Question 13:** Which application method is commonly used for biofertilizers?

- a) Soil drenching
- b) Seed treatment
- c) Trunk injection
- d) Foliar spray

**Question 14:** Which biofertilizer type is responsible for solubilizing phosphorus in the soil?

- a) Azotobacter
- b) Rhizobium
- c) Azospirillum
- d) Phosphorus-solubilizing bacteria

**Question 15:** What is the primary mode of action of biopesticides?

- a) Systemic absorption
- b) Direct contact
- c) Inhalation
- d) None of the above

**Question 16:** What is the primary role of biopesticides in agriculture?

- a) Promote soil acidity
- b) Enhance plant growth
- c) Protect crops from pests
- d) Increase water usage

**Question 17:** Which of the following is a disadvantage of using chemical pesticides?

- a) Limited target specificity
- b) Short residual effect
- c) Reduced risk of resistance development
- d) Harmful effects on non-target organisms

**Question 18:** Which factor influences the effectiveness of biofertilizer application?

- a) Climate
- b) Soil type
- c) Crop species
- d) All of the above

**Question 19:** What is the primary advantage of using biofertilizers in agriculture?

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- a) Increased soil erosion
- b) Reduced chemical pollution
- c) Lower crop yield
- d) Limited crop diversity

**Question 20:** Which of the following is a benefit of using biopesticides?

- a) Long residual effect
- b) Harmful to beneficial insects
- c) Limited target specificity
- d) Reduced risk of pesticide resistance

**Question 21:** What is the primary environmental benefit of using biopesticides?

- a) Increased chemical pollution
- b) Soil health improvement
- c) Loss of biodiversity
- d) Soil compaction

**Question 22:** Which of the following is NOT a challenge in scaling up bio-input adoption in agriculture?

- a) Limited awareness
- b) Regulatory barriers
- c) Technology transfer
- d) Low cost

**Question 23:** Which type of biofertilizer is responsible for fixing atmospheric nitrogen?

- a) Rhizobium
- b) Azotobacter
- c) Azospirillum
- d) Phosphorus-solubilizing bacteria

**Question 24:** What is the primary role of biopesticides in pest management?

- a) Increase pest population
- b) Reduce crop yield
- c) Control pest population
- d) Promote pest resistance

**Question 25:** Which organization provides regulatory guidelines for the quality control of biofertilizers and biopesticides?

- a) United Nations Educational, Scientific and Cultural Organization (UNESCO)
- b) International Organization for Standardization (ISO)
- c) Food and Agriculture Organization (FAO)
- d) World Health Organization (WHO)

*Abel.*

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Name:-

Latika Dolai

Roll - CC-BOTG-2021-003

1.  b) To enhance soil fertility and crop protection.
2.  d) Plant growth - Promoting rhizobacteria (PGPR)
3.  c) Fermentation
4.  a) Insecticidal, Fungicidal, and Herbicidal
5.  b) Shorter residual effect.
6.  d) All of the above
7.  c) Biodiversity conservation
8.  b) Resistance development in pests.
9.  c) Fix atmospheric nitrogen.
10.  c) Food and Agriculture organization (FAO)
11.  c) Chemical
12.  b) Higher crop yield.
13.  b) Seed treatment.
14.  d) Phosphorus-solubilizing bacteria
15.  d) None of the above.
16.  b) Enhance plant growth
17.  d) Harmful effects on non-target organisms.
18.  d) All of the above.
19.  b) Reduced chemical pollution.
20.  d) Reduced risk of pesticide resistance.
21.  b) Soil health improvement.
22.  c) Technology transfer.
23.  a) Rhizobium.
24.  c) Control pest population.
25.  b) International organization for standardization (ISO),

24  
25 Day

*Latika*

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**Assessment Sheet**  
**Certificate Course**  
**on**  
**Biofertilizers and Biopesticides**  
**(SESSION 2020-2021)**

Name	Certificate Course Roll No.	Theory exam (25 Marks)	Class performance (25 Marks)	Total marks and grade
RIYA MONDAL	CC-BOTG-2021-001	24	25	49 A
INDIRA MANNA	CC-BOTG-2021-002	22	25	47 A
LATIKA DOLAI	CC-BOTG-2021-003	24	25	49 A
SWAPNA RUIDAS	CC-BOTG-2021-004	22	25	47 A
SUJOY KHANRA	CC-BOTG-2021-005	23	24	47 A
KASHMIRA KHATUN	CC-BOTG-2021-006	20	20	40 A
ANKAN MONDAL	CC-BOTG-2021-007	18	20	38 B
TANVIR KHAN	CC-BOTG-2021-008	20	20	40 A
SUMANA BERA	CC-BOTG-2021-009	20	24	44 A
SABINA YEASMIN	CC-BOTG-2021-010	21	24	45 A
SANDIP MAJI	CC-BOTG-2021-011	21	24	45 A
TAMANNA KHATUN	CC-BOTG-2021-012	20	23	43 A
AMBIA KHATUN	CC-BOTG-2021-013	22	24	46 A
BARSHA MANNA	CC-BOTG-2021-014	21	20	41 A
PAYEL PAL	CC-BOTG-2021-015	20	22	42 A
SARIFA TAMANNA	CC-BOTG-2021-016	21	21	42 A
MASTURA KHATUN	CC-BOTG-2021-017	22	24	46 A
NARGIS KHATUN	CC-BOTG-2021-018	20	23	43 A
SWAPNA NAYEK	CC-BOTG-2021-019	21	22	43 A
SUTOPIA DOLUI	CC-BOTG-2021-020	20	21	41 A
INDRAJIT MAJI	CC-BOTG-2021-021	21	22	43 A
SUBRATA BHUNIA	CC-BOTG-2021-022	21	22	43 A
ANUBHA MONDAL	CC-BOTG-2021-023	20	22	42 A
ANSURA KHATUN	CC-BOTG-2021-024	24	22	46 A
AKASH PURKAIT	CC-BOTG-2021-025	25	22	47 A
MOUMITA JANA	CC-BOTG-2021-026	24	22	46 A
ASIF ALI KHAN	CC-BOTG-2021-027	23	22	45 A
SADHANA MAJEE	CC-BOTG-2021-028	24	24	48 A
SUKANYA JANA	CC-BOTG-2021-029	24	24	48 A
SUMAN DAS	CC-BOTG-2021-030	24	25	49 A

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Department  
Shyampur Siddheswari Mahavidyalaya  
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SHRABONI BISWAS	CC-BOTG-2021-031	20	22	42	A
RIMPA MAJEE	CC-BOTG-2021-032	22	22	44	A
BITHIKA MANNA	CC-BOTG-2021-033	20	22	42	A
SRABANI PANDIT	CC-BOTG-2021-034	24	22	46	A
TANIMA MUNSHI	CC-BOTG-2021-035				
PINTU DAS	CC-BOTG-2021-036				
SHRAYITA SARDAR	CC-BOTG-2021-037	24	20	44	A
PADMA KARATI	CC-BOTG-2021-038	20	20	40	A
SUSMITA DAS	CC-BOTG-2021-039	25	20	45	A
SUNITA SAMANTA	CC-BOTG-2021-040	25	20	45	A
ARCHANA DAS	CC-BOTG-2021-041	25	20	45	A
KASHMIRA KHATUN	CC-BOTG-2021-042	24	21	45	A
SHUBHADIP ARANG	CC-BOTG-2021-043	25	22	47	A
MANDIRA SAHU	CC-BOTG-2021-044	20	18	38	B
SABNAM SULTANA	CC-BOTG-2021-045	24	22	46	A
BABUSONA MISRA	CC-BOTG-2021-046	22	24	46	A
TUHINA GHOSH	CC-BOTG-2021-047	22	20	42	A
SWASTIKA SANA	CC-BOTG-2021-048	22	20	42	A
SHAMPA KHADDAR	CC-BOTG-2021-049	21	20	41	A
ADARSHA DAS	CC-BOTG-2021-050	22	22	44	A
RINJU MAITY	CC-BOTG-2021-051	22	23	45	A
MANIRA KHATUN	CC-BOTG-2021-052	22	24	46	A
DEBIKA MANDAL	CC-BOTG-2021-053	25	25	50	A
SAYANTIKA MAITY	CC-BOTG-2021-054	22	24	46	A
TRİYASHA MANNA	CC-BOTG-2021-055	22	18	40	A
AFRIDA YESMIN	CC-BOTG-2021-056	20	20	40	A
PAPIYA DALAPATI	CC-BOTG-2021-057	20	22	42	A
TANUSHRI SAMANTA	CC-BOTG-2021-058	21	20	41	A
SHRABONI MONDAL	CC-BOTG-2021-059	23	20	43	A
MAITRI SAMUI	CC-BOTG-2021-060	24	20	44	A
PAYEL RAUT	CC-BOTG-2021-061	25	21	46	A
PIU BERA	CC-BOTG-2021-062	24	22	46	A
MONALISHA JANA	CC-BOTG-2021-063	23	22	45	A
SUSMITA SAMOI	CC-BOTG-2021-064	20	22	42	A
NILIMA DAS BAIRAGI	CC-BOTG-2021-065	20	22	42	A

*Shel:*  
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Ajodhya, Howrah.

*Shy*  
Head  
Department of Botany  
Shyampur Siddheswari Mahavidyalaya  
Howrah



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PAYEL PARUI	CC-BOTG-2021-066	22	20	42	A
SUMANA MONDAL	CC-BOTG-2021-067	20	22	42	A
ANKAN SAMANTA	CC-BOTG-2021-068	22	20	42	A
MOUMITA JANA	CC-BOTG-2021-069		20		
SANKHADIP PORIA	CC-BOTG-2021-070		20		
CHAITALI DAS	CC-BOTG-2021-071		20		
APARUPA BHOWMICK	CC-BOTG-2021-072	20	18	38	B
SUPRIYA MALLICK	CC-BOTG-2021-073	18	20	38	B
ARPAN MANNA	CC-BOTG-2021-074	20	21	41	A
SOMA KAPRI	CC-BOTG-2021-075	22	22	44	A
MAFUJA SULTANA	CC-BOTG-2021-076	20	20	40	A
MONJUSA KHATUN	CC-BOTG-2021-077	16	22	38	B
ABESH CHAKRABORTY	CC-BOTG-2021-078	18	22	40	A
PAYEL GURE	CC-BOTG-2021-079	20	20	40	A
BIDISHA PRAMANICK	CC-BOTG-2021-080	20	20	40	A
SARONI CHATTERJEE	CC-BOTG-2021-081	20	22	42	A
SWAPNA PAL	CC-BOTG-2021-082	21	24	45	A
ALISHA PARVIN	CC-BOTG-2021-083	22	20	42	A
FIRDOUS KHAN	CC-BOTG-2021-084	22	20	42	A
TRAYEE MAITY	CC-BOTG-2021-085	22	21	43	A
DEBJIT BAJANI	CC-BOTG-2021-086	20	22	42	A
ASTIK BERA	CC-BOTG-2021-087	20	20	40	A
BARNALI GHOSH	CC-BOTG-2021-088	22	18	40	A
ANAMIKA PATRA	CC-BOTG-2021-089	24	16	40	A
ANJANA SANA	CC-BOTG-2021-090	20	20	40	A
DEBABRATA MAJI	CC-BOTG-2021-091	18	20	38	B
TINA DHARA	CC-BOTG-2021-092	16	20	36	B
RITU BAG	CC-BOTG-2021-093	16	16	32	B
NAJIMA KHATUN	CC-BOTG-2021-094	16	16	32	B
PIYALI METE	CC-BOTG-2021-095	18	20	38	B
SULEKHA SAHU	CC-BOTG-2021-096	17	20	37	B
SAMRAT DAS	CC-BOTG-2021-097	16	20	36	B
PRIYA PRAMANIK	CC-BOTG-2021-098	15	20	35	B
HEMANTA MONDAL	CC-BOTG-2021-099	20	21	41	A
PROSENJIT BARMAN	CC-BOTG-2021-100	21	20	41	A

*Shel.*

Co-ordinator  
IQAC

Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.

*[Signature]*

Head

Department of Botany  
Shyampur Siddheswari Mahavidyalaya  
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Principal  
Shyampur Siddheswari Mahavidyalaya  
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SONCHITA KAR	CC-BOTG-2021-101	22	22	44	A
RAJIB PRAMANIK	CC-BOTG-2021-102	20	20	40	A
SAMPRIE PRAMANICK	CC-BOTG-2021-103	22	22	44	A
SURAJIT PRAMANICK	CC-BOTG-2021-104	22	22	44	A
SOUMYAJIT PORE	CC-BOTG-2021-105	20	20	40	A
BISWANATH CHAKRABORTY	CC-BOTG-2021-106	20	20	40	A
ARNAB BHOWMICK	CC-BOTG-2021-107	24	22	46	A
ARPITA DALAPATI	CC-BOTG-2021-108	24	20	44	A
PRITAM KAYAL	CC-BOTG-2021-109	23	20	43	A
KARIMA YASMIN	CC-BOTG-2021-110	22	20	42	A
RITURAJ BHAKTA	CC-BOTG-2021-111	22	21	43	A
SNEHA PRAMANIK	CC-BOTG-2021-112	20	22	42	A
SOMJIT TUNG	CC-BOTG-2021-113	20	22	42	A
ESITA MONDAL	CC-BOTG-2021-114	18	21	39	B
PAYEL CHAKRABORTY	CC-BOTG-2021-115	16	23	39	B
SUMAN JANA	CC-BOTG-2021-116	20	23	43	A
SARMISTHA PRAMANIK	CC-BOTG-2021-117	18	23	41	A
SUPARNA MANNA	CC-BOTG-2021-118	16	21	37	B
NAFISA KHATUN	CC-BOTG-2021-119	18	20	38	B
AYAN MANNA	CC-BOTG-2021-120	18	20	38	B
MARUFA KHATUN	CC-BOTG-2021-121	16	21	37	B
RAJIB MONDAL	CC-BOTG-2021-122	20	21	41	A
MADHUSREE ROY	CC-BOTG-2021-123	20	21	41	A
RUSIA KHATUN	CC-BOTG-2021-124	20	22	42	A
MOUMITA MANNA	CC-BOTG-2021-125	20	22	42	A
RAKHI BHOWMIK	CC-BOTG-2021-126	20	22	42	A
RESHMI SULTANA	CC-BOTG-2021-127	20	20	40	A
SAKIL AHMED KHAN	CC-BOTG-2021-128	22	20	42	A
ARPAN BHAKTA	CC-BOTG-2021-129	20	20	40	A
ARPITA SANA	CC-BOTG-2021-130	22	20	42	A
MOU DAGAR	CC-BOTG-2021-131	20	24	44	A
RINKU BAG	CC-BOTG-2021-132	22	24	46	A
RITU ADAK	CC-BOTG-2021-133	20	24	44	A
AKASH MANNA	CC-BOTG-2021-134	20	22	42	A
TANUSHRI MONDAL	CC-BOTG-2021-135	24	20	44	A

*Shel.*

Co-ordinator  
IQAC

Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.

*Shy*

Head  
Department of Botany  
Shyampur Siddheswari Mahavidyalaya  
Howrah



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Principal  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.



FALGUNI BERA	CC-BOTG-2021-136	20	20	40	A
SELINA PARVIN	CC-BOTG-2021-137	20	20	40	A
SAMSUNESA KHATUN	CC-BOTG-2021-138	21	21	42	A
MUSTAKIN ALI KHAN	CC-BOTG-2021-139	22	22	44	A
RAHUL CHAKRABORTY	CC-BOTG-2021-140	21	20	41	A
ANANNYA KHANRA	CC-BOTG-2021-141	20	20	40	A
ANIMA CHAKRABARTI	CC-BOTG-2021-142	25	21	46	A
AYON MONDAL	CC-BOTG-2021-143	24	22	46	A
PRIYABRATA MALLICK	CC-BOTG-2021-144	20	21	41	A
TAHIR UDDIN	CC-BOTG-2021-145	18	20	38	B
TABASUN KHATUN	CC-BOTG-2021-146	20	20	40	A
SUVRANGSU MANNA	CC-BOTG-2021-147	20	21	41	A
SUBHAJIT CHAKRABORTY	CC-BOTG-2021-148	22	22	44	A
NASRIN KHATUN	CC-BOTG-2021-149	24	22	46	A
PRADIP GIRI	CC-BOTG-2021-150	22	23	45	A
SANCHITA SAMANTA	CC-BOTG-2021-151	23	20	43	A
ADARSHA MONDAL	CC-BOTG-2021-152	21	20	41	A
ANKITA PRAMANIK	CC-BOTG-2021-153	23	20	43	A
PRIYANKA PORIA	CC-BOTG-2021-154	22	20	42	A
SRABONI PRAMANIK	CC-BOTG-2021-155	22	18	40	A
SOHAM MONDAL	CC-BOTG-2021-156	22	22	44	A
PAYEL BAG	CC-BOTG-2021-157	23	23	46	A
SAMPA KAYAL	CC-BOTG-2021-158	24	24	48	A
PAYEL DAS	CC-BOTG-2021-159	23	24	47	A
KUSHUM PATRA	CC-BOTG-2021-160	23	24	47	A
MANISHA MONDAL	CC-BOTG-2021-161	23	24	47	A
MST SAMIMA KHATUN	CC-BOTG-2021-162	20	25	45	A
MANIRA KHATUN	CC-BOTG-2021-163	21	22	43	A
PAYEL BERA	CC-BOTG-2021-164	22	21	43	A
SHREYA KHAN	CC-BOTG-2021-165	22	22	44	A
MALLIKA MAJI	CC-BOTG-2021-166	23	22	45	A
PAYEL MAITY	CC-BOTG-2021-167	20	22	42	A
SOMA DAS	CC-BOTG-2021-168	21	22	43	A
SARIKA KHATUN	CC-BOTG-2021-169	23	22	45	A

*Chal.*

Co-ordinator  
IQAC

Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.

*[Signature]*

Head

Department of Botany  
Shyampur Siddheswari Mahavidyalaya  
Howrah



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*[Signature]*  
20/05/24  
Principal  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah



SNEHA MALLICK	CC-BOTG-2021-170	20	21	41	A
NAJUMA KHATUN	CC-BOTG-2021-171	24	22	46	A
RIMPA POLLEY	CC-BOTG-2021-172	24	22	46	A
SABANA KHATUN	CC-BOTG-2021-173	20	20	40	A
SUCHORITA SAUTA	CC-BOTG-2021-174	23	22	45	A
SWAPNA BHOWMICK	CC-BOTG-2021-175	22	22	44	A
RITU BHOWMICK	CC-BOTG-2021-176	22	24	46	A
EMANARA KHATUN	CC-BOTG-2021-177	23	23	46	A
RIYA BERA	CC-BOTG-2021-178	22	22	44	A
AKASH ROY	CC-BOTG-2021-179	23	22	45	A
SUPRIYA DAS	CC-BOTG-2021-180	22	21	43	A
GOURI MONDAL	CC-BOTG-2021-181	22	23	45	A
DEB KANTA KHANRA	CC-BOTG-2021-182	23	24	47	A
RAJASHRI SAMANTA	CC-BOTG-2021-183	24	24	48	A
BITHIKA MONDAL	CC-BOTG-2021-184	25	22	47	A
MANIKANKAN MAITY	CC-BOTG-2021-185	24	22	46	A
SONAMANI MONDAL	CC-BOTG-2021-186	23	22	45	A
SWARUP RUIDAS	CC-BOTG-2021-187	23	21	44	A
MOUSUMI CHAKRABORTY	CC-BOTG-2021-188	23	20	43	A
SANCHITA KAR	CC-BOTG-2021-189	22	21	43	A
ARPITA SANTRA	CC-BOTG-2021-190	22	21	43	A
SURAVI MONDAL	CC-BOTG-2021-191	20	22	42	A
PAYEL SAHOO	CC-BOTG-2021-192	18	22	40	A
RASULA KHATUN	CC-BOTG-2021-193	20	21	41	A
ANISH PAUL	CC-BOTG-2021-194	18	22	40	A
SURAJ MONDAL	CC-BOTG-2021-195	18	23	41	A
SAHELI SULTANA	CC-BOTG-2021-196	16	21	37	B
SHUBHAJIT DARA	CC-BOTG-2021-197	20	20	40	A
SANAJIT METE	CC-BOTG-2021-198	20	20	40	A
SIRSENDU KHANRA	CC-BOTG-2021-199	20	18	38	B
SUTRISHNA GHORUI	CC-BOTG-2021-200	20	16	36	B
SUMIT KUTI	CC-BOTG-2021-201	20	18	38	B
SABINA KHATUN	CC-BOTG-2021-202	20	18	38	B
RUHANI ISLAM	CC-BOTG-2021-203	20	18	38	B

*Shel.*

Co-ordinator  
IQAC

Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.

*Sh*

Head

Department of Botany  
Shyampur Siddheswari Mahavidyalaya  
Howrah



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Principal  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.



MOINA KHATUN	CC-BOTG-2021-204	20	21	41	A
JEET GOSWAMI	CC-BOTG-2021-205	21	20	41	A
BISHAL KARMAKAR	CC-BOTG-2021-206	20	20	40	A
PARMINA KHATUN	CC-BOTG-2021-207	22	22	44	A
SAYAN SANKI	CC-BOTG-2021-208	24	20	44	A
LAXMI RANI MAITY	CC-BOTG-2021-209	22	20	42	A
PAYEL MONDAL	CC-BOTG-2021-210	23	20	43	A
REKHA MONDAL	CC-BOTG-2021-211	24	18	42	A
SAYAN KUMAR JANA	CC-BOTG-2021-212	25	24	49	A
TRISHNA DHARA	CC-BOTG-2021-213	24	24	48	A
MAKSUDA KHATUN	CC-BOTG-2021-214	22	20	42	A
SUDHA MIDYA	CC-BOTG-2021-215	23	22	45	A
AKASH MONDAL	CC-BOTG-2021-216	24	20	44	A
MANOJIT MALLICK	CC-BOTG-2021-217	25	24	49	A
MONOJIT DAS	CC-BOTG-2021-218	20	20	40	A
SUMAN SAMANTA	CC-BOTG-2021-219	24	21	45	A
SOURAV PATRA	CC-BOTG-2021-220	23	20	43	A
SK ARIF BILLA	CC-BOTG-2021-221	22	20	42	A
NASRIN PARVIN	CC-BOTG-2021-222	20	20	40	A
ESHA BAR	CC-BOTG-2021-223	22	22	44	A
AMRIT DASBAIRAGI	CC-BOTG-2021-224	23	22	45	A
TRISHA BERA	CC-BOTG-2021-225	22	22	44	A
SANCHITA DOLUI	CC-BOTG-2021-226	21	24	45	A
PARAMITA SAMANTA	CC-BOTG-2021-227	22	24	46	A
DIGANTA MONDAL	CC-BOTG-2021-228	23	24	47	A
MOURIMA MAITY	CC-BOTG-2021-229	20	24	44	A
SAYAN KUMAR DAS	CC-BOTG-2021-230	21	24	45	A
MD MIJANUR RAHAMAN KHAN	CC-BOTG-2021-231	20	24	44	A
TITLI BERA	CC-BOTG-2021-232	22	24	46	A
SURAJIT MANNA	CC-BOTG-2021-233	23	24	47	A
SUBRATA SANTRA	CC-BOTG-2021-234	22	22	44	A
PRITY MAITY	CC-BOTG-2021-235	22	22	44	A
PRITAM MALLICK	CC-BOTG-2021-236	23	22	45	A
RIYA BHOWMICK	CC-BOTG-2021-237	24	22	46	A
KUNAL MAITY	CC-BOTG-2021-238	22	22	44	A
SANGITA	CC-BOTG-2021-239	24	22	46	A

*Alal.*

Co-ordinator  
IQAC

Shyampur Siddheswari Mahavidyalaya, Department of Botany  
Ajodhya, Howrah. Shyampur Siddheswari Mahavidyalaya  
Howrah

*[Signature]*

Head



ATTESTED *[Signature]*  
28/05/24  
Principal  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.



PRAMANICK					
PAYEL BHAKTA	CC-BOTG-2021-240	20	21	41	A
TRISHA PAUL	CC-BOTG-2021-241	21	21	42	A
SHAMPA BERA	CC-BOTG-2021-242	23	20	43	A
RIYA DAS	CC-BOTG-2021-243	24	24	48	A
PRIYANKA DAS	CC-BOTG-2021-244	24	24	48	A
ATANU GHORUI	CC-BOTG-2021-245	20	20	40	A
UPASANA SARKAR	CC-BOTG-2021-246	20	20	40	A
PIYASA SANTRA	CC-BOTG-2021-247	24	24	48	A
PRIYAJIT KUMAR BERA	CC-BOTG-2021-248	20	20	40	A
MOUSUMI PAUL	CC-BOTG-2021-249	20	20	40	A
PRITAM ADAK	CC-BOTG-2021-250	21	24	45	A
SUMONA MONDAL	CC-BOTG-2021-251	20	20	40	A
MD ABDUL MOMIN SK	CC-BOTG-2021-252	20	23	43	A
SUMONA SAMANTA	CC-BOTG-2021-253	20	21	41	A
SOVON PRADHAN	CC-BOTG-2021-254	20	21	41	A
SOMNATH PAIKAR	CC-BOTG-2021-255	22	21	43	A
SOURAV MONDAL	CC-BOTG-2021-256	24	24	48	A
SUJA JANA	CC-BOTG-2021-257	24	25	49	A
KANKANA PAL	CC-BOTG-2021-258	20	20	40	A
SWAPNAMAY BAG	CC-BOTG-2021-259	20	20	40	A
NISHA MONDAL	CC-BOTG-2021-260	22	20	42	A
CHAYAN PRAMANIK	CC-BOTG-2021-261	22	20	42	A
DEEPTI SAMANTA	CC-BOTG-2021-262	20	23	43	A
MITALI SAMANTA	CC-BOTG-2021-263	24	23	47	A
SHABNAM BANU	CC-BOTG-2021-264	24	23	47	A
RINA MANNA	CC-BOTG-2021-265	24	25	49	A
ANISH MONDAL	CC-BOTG-2021-266	25	25	50	A
PRADIPTO BALA	CC-BOTG-2021-267	25	24	49	A
TRIDIB SAMANTA	CC-BOTG-2021-268	20	22	42	A
POULAMI JANA	CC-BOTG-2021-269	25	24	49	A
SHREYASI SEN	CC-BOTG-2021-270	25	24	49	A
PRATIK JYOTI	CC-BOTG-2021-271	20	20	40	A
PUSKAR DAS	CC-BOTG-2021-272	20	20	40	A
SOUGATA MANNA	CC-BOTG-2021-273	20	20	40	A
SK RAJIBUL ISLAM	CC-BOTG-2021-274	21	22	43	A
SK MAINUDDIN	CC-BOTG-2021-275	22	22	44	A
CHAYAN MONDAL	CC-BOTG-2021-276	23	22	45	A

*Adal.*

Co-ordinator  
IQAC

Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah

*[Signature]*

Head


Department of Botany  
Shyampur Siddheswari Mahavidyalaya  
Howrah




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*[Signature]* 20/5/24  
Principal  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.

ARGHADIP MAHISHAL	CC-BOTG-2021-277	20	21	41	A
SAIKAT BARI	CC-BOTG-2021-278	23	20	43	A
MEHERAJ NAZIR	CC-BOTG-2021-279	20	20	40	A
RUPKUMAR BERA	CC-BOTG-2021-280	20	21	41	A
RAKESH PAUL	CC-BOTG-2021-281	20	22	42	A
GOURANGA GHOSH	CC-BOTG-2021-282	20	20	40	A

  
 Co-ordinator  
 IQAC  
 Shyampur Siddheswari Mahavidyalaya  
 Ajodhya, Howrah.

  
 Head  
 Department of Botany  
 Shyampur Siddheswari Mahavidyalaya  
 Howrah



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 Principal  
 Shyampur Siddheswari Mahavidyalaya  
 Ajodhya, Howrah.



## Report on the certificate course Biofertilizers and Biopesticides

The Certificate Course on Biofertilizers and Biopesticides commenced on 18th January, 2021, in an online mode with an aim to equip participants with comprehensive knowledge and practical skills in the utilization of biological inputs for sustainable agriculture. Over the span of six weeks, participants delved into various aspects of biofertilizers and biopesticides, ranging from their types and production techniques to their environmental and economic implications. The syllabus was meticulously designed to cover key topics in the field, ensuring a holistic understanding of bio-inputs in agriculture. The course structure, divided into weekly modules, facilitated a systematic exploration of the subject matter. Participants were introduced to the fundamental concepts of biofertilizers and biopesticides, emphasizing their pivotal role in sustainable agriculture and the imperative to reduce chemical inputs. Participants explored the various types of biopesticides and their modes of action, alongside an analysis of their advantages and limitations vis-à-vis chemical pesticides. Environmental and economic ramifications of bio-input utilization were examined, underscoring benefits such as reduced chemical pollution and enhanced market competitiveness.

At the culmination of the course, participants underwent online assessments to gauge their understanding and retention of the material covered. Those meeting the assessment criteria were conferred with a Certificate of Completion, acknowledging their proficiency in the domain.

The Certificate Course on Biofertilizers and Biopesticides served as a platform for knowledge dissemination and skill development in the realm of sustainable agriculture. By imparting comprehensive insights and practical know-how, it empowered participants to contribute effectively towards fostering environmentally conscious and economically viable agricultural practices.

Satarupa Dey  
[Dr. Satarupa Dey]  
Course Co-ordinator.

Head  
Department of Botany  
Shyampur Siddheswari Mahavidyalaya  
Howrah



*[Signature]*

Co-ordinator  
IQAC

Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.

ATTACHED  
Date: 20/12/24  
Shyampur Siddheswari Mahavidyalaya  
Howrah, West Bengal.

DEPARTMENT OF BOTANY  
SHYAMPUR SIDDHESWARI MAHAVIDYALAYA  
HOWRAH, WEST BENGAL

CERTIFICATE COURSE ON "Biofertilizers and Biopesticides"  
(January 2021-February 2021)



**Certificate of Participation**

This is to certify that Mr./Ms. SHREYASI SEN, a student of Department of Botany, Shyampur Siddheswari Mahavidyalaya has successfully participate and completed the thirty one hours certificate course entitled "Biofertilizer and Biopesticides" and obtained Grade A.

Grading System :: A: 80 percent and above; B: 79 percent to 60 percent; C: 59 percent to 40 percent; D: 39 percent to 20 percent; E: Below 20 percent

Dr. Satarupa Dey  
HOD & Course Coordinator

Mr. R. Mukherjee  
IQAC Coordinator, SSM

Dr. Santu Kumar I  
Principal, SSM

Co-ordinator  
IQAC  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.



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Principal  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.



**Challenges**

**Billion**

Population Pressure

Depleting Agricultural Land

Climate Change

Water Shortage

4:08 / 1:23:33

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Harvinder Singh

**Secondary Agriculture : A Way Forward**

A Value addition to primary agriculture

- ❖ Bee keeping
- ❖ Mushroom cultivation
- ❖ Food processing
- ❖ Vermicomposting
- ❖ Biogas production
- ❖ Azolla cultivation
- ❖ Sericulture
- ❖ Moriculture

5:11 / 1:23:33

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Harvinder Singh

*Adal*

Co-ordinator  
IQAC

Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.



ATTESTED  
27/05/19  
Principal  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.

Website : www.ssmahavidyalaya.edu.in

Ph. No. & Fax : 03214 261221

# Shyampur Siddheswari Mahavidyalaya

Ajodhya • Howrah • Pin - 711312

(Affiliated to the University of Calcutta)  
(Accredited by NAAC at the 'B' level)

President :  
**SRI KALIPADA MANDAL**



Principal & Secretary :  
(Ex officio) Governing Body  
**DR. SANTU KUMAR BOSE**

Ref. No. SSM/CERT/03/2021-22

Date 02/11/2021

Department of Botany, Shyampur Siddheswari Mahavidyalaya will start a certificate course on "Know your Plants" for the session 2021-2022.

The details of the course are as follows:

Certificate Course: "Know your Plants"

Date of commencement: 23th November, 2021

Course Coordinators: Dr Satarupa Dey, Ms. Sathi Seth

Course Duration: 30 Hours (November, 2021-February 2022)

Maximum Capacity: 50 candidates

Registration fees: Rs. 100 /- (Rupees One Hundred Only)

Mode of Payment: Deposit the fees to the cash counter, Shyampur Siddheswari Mahavidyalaya Last Date of Registration: 15th November 2021

Eligibility: students of Botany (General)

The candidates will be graded on the basis of the continuous assessment and examination that will be held at the end of the course. After successful completion of the course, the candidates will receive the certificate. All the interested candidates are requested to submit the registration form along with the registration fees to the cash counter, Shyampur Siddheswari Mahavidyalaya, Ajodhya, Howrah, West Bengal-711312.

Enclosures: Registration Form

Prospectus of the certificate course

Principal  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah



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Principal  
SHYAMPUR SIDDHESWARI MAHAVIDYALAYA  
Ajodhya, Howrah.

Co-ordinator  
IQAC  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.

E-mail : ssmahavidyalaya@gmail.com



Website : www.ssmahavidyalaya.edu.in

9800494233

# Shyampur Siddheswari Mahavidyalaya

Ajodhya • Howrah • Pin - 711312

(Affiliated to the University of Calcutta)  
(Accredited by NAAC at the 'B' level)

President :  
**SRI KALIPADA MANDAL**



Teacher-in-Charge & Secretary :  
**GOBINDA PRASAD BARMAN**

Ref. No. ....

Date .....

Notice for Theory exam for the Certificate course on "*Know your Plants*"  
Department of Botany, Shyampur Siddheswari Mahavidyalaya

Session: 2021-2022

Course code: CC BOTG 01

Date of Exam: 25/02/2022

Time: 2.30 -3.30 PM

Venue: Botany Laboratory

All enrolled students must appear for the theory exam for successful completion of the course

*[Handwritten Signature]*  
18/02/22

Teacher-in-Charge  
Shyampur Siddheswari Mahavidyalaya

ATTESTED

*[Handwritten Signature]*  
02/05/22

Principal

SHYAMPUR SIDDHESWARI MAHAVIDYALAYA  
Ajodhya, Howrah.

*[Handwritten Signature]*

Co-ordinator  
IQAC  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.









21. Identify the following plant group

A



B



22. Identify the following reproductive parts:

A



B



23. Write the family name of the following plants:

A

Course Coordinator  
Shyampur Siddheswari Mahavidyalaya  
Agedhya, Howrah.

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IQAC  
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Agedhya, Howrah.



A



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*Shw 02/05/24*

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Ajodhya, Howrah.



*Abel.*

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IQAC

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Ajodhya, Howrah.

*De*  
Course Coordinator  
Shyampur Siddheswari Mahavidyalaya



# SHYAMPUR SIDDHESWARI MAHAVIDYALAYA

Name: Tayan Pramanik  
 Class: ..... College Roll No: .....  
 C.U. Registration No: ..... C.U. Roll No: 424-032  
 Subject: Certificate Course Paper: .....

37/60

- 1) 'Malvaceae' গোত্রটির - পুরুষকোষ Monadelphous প্রকৃতি।
- 2) - মুম্ব - - লম্বাশৃঙ্গলতা - পুষ্পবিন্যাসের ক্ষেত্রে - মধুরীদলের নিচে দিলে - কয়েকটি বিস্তার যন্ত্রের - মধুরীদল - থাকে, তবে - মুম্ব বলা হয়।  
 উদা - বীন, গম ইত্যাদিতে মুম্ব দেখা যায়।
- 3) সিলিন্ড্রিয়া - বীজ বিচারী গুল।  
 সিলিন্ড্রিয়া গুল দ্বিপত্রাঙ্গী, মুক্তাঙ্গপত্রী ও - অসির্গত পত্রাঙ্গ - থেকে উৎপন্ন হয়। - পত্রিত - অবস্থায় এহু - যন্ত্রের গুল - বীজ - বিচারী - থেকে - উপরে - দিলে - মেটে - গুল।  
 উদা - সরষে (Brassica nigra)
- 4) - নিচুর গোত্র - অঙ্গুষ্ঠাটি - হল - বুসালো - অর্থাৎ - যেটি - নিচুর - নিচুর - গুল - ও - বীজ - গুলের - মাঝখানে - অবস্থিত।
- 5) - স্তম্ভ - গুলের - পাতা - মোড়িত - যন্ত্রের।
- 6) - বীন - গুলে - পুচ্ছমূল - দেখা - যায়।
- 7) - মধুরীদলী - গুলের - পুষ্পবিন্যাস - ক্যাপিটিউলাম - প্রকৃতি।

*Shel.*

Co-ordinator  
 IQAC  
 Shyampur Siddheswari Mahavidyalaya  
 Ajothya, Howrah.

*Shy*  
 Course Coordinator  
 Shyampur Siddheswari Mahavidyalaya

ATTESTED  
*[Signature]*  
 Principal  
 SHYAMPUR SIDDHESWARI MAHAVIDYALAYA  
 Ajothya, Howrah.









17) ଉତ୍ତର - ମାତୃକା ସମ୍ପର୍କିତ - ନାମ - ରମ - ବାସନ୍ତିକି (combretaceae)

18) କିରୀଟି - ଉଦ୍ଭିଦର ବର୍ଣ୍ଣନା

19)

20) ସାଧାରଣ ପୁଷ୍ପାବିଜାଗତି - ନାମ - ରମ - ଅନୁବ୍ରାହ୍ମଣି ବା Epikelet.

ଉତ୍ତର

1. (a) ଉତ୍ତରାଟି - କିରୀଟା ଫଳ

(b) ଉତ୍ତରାଟି - ଉଦ୍ଭିଦର ବର୍ଣ୍ଣନା

2. (a) ଉତ୍ତରାଟି

(b) ଉତ୍ତରାଟି - ମାତୃକା ସମ୍ପର୍କ (comb)

3. (a) ଉତ୍ତରାଟି - ଉଦ୍ଭିଦର ବର୍ଣ୍ଣନା ଉଦ୍ଭିଦ

(b) ଉତ୍ତରାଟି - ଉଦ୍ଭିଦର ବର୍ଣ୍ଣନା ଉଦ୍ଭିଦ

*Shel*

Co-ordinator  
IQAC  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.

*Shel*  
Course Coordinator  
Shyampur Siddheswari Mahavidyalaya

ATTESTED

*Shel*  
04/05/24

Principal

SHYAMPUR SIDDHESWARI MAHAVIDYALAYA  
Ajodhya, Howrah.





**ASSESSMENT SHEET**  
**CERTIFICATE COURSE ON "Know your Plants"**  
 (SESSION 2021-2022)

Sr No.	Certificate Course Registration No	Certificate Course Roll No	Name	Sign	Theory Exam (M. M. 50)	Class test (M. M. 30)	Attendance (M. M. 10)	Class Performance (M. M. 10)	Total marks & Grade
1	CC-BOTG-2122-001	424-001	Sourav Mondal	Absent	—	25	5	10	40
2	CC-BOTG-2122-002	424-002	Kalyan Patra	K. Patra	30	27	5	10	72 B
3	CC-BOTG-2122-003	424-003	Prilam adak	Prilam Adak	32	22	10	10	74 B
4	CC-BOTG-2122-004	424-004	Suchanda Khanra	S. Khana	33	21	8	10	72 B
5	CC-BOTG-2122-005	424-005	Shreyasi Sen	S. Sen	30	25	8	10	73 B
6	CC-BOTG-2122-006	424-006	Souptikasen	Souptika Sen	34	26	10	10	82 A
7	CC-BOTG-2122-007	424-007	Rina manna	Rina Mananna	30	20	6	10	66 B
8	CC-BOTG-2122-008	424-008	Puskar Samanta	P. Samanta	32	22	6	10	70 B
9	CC-BOTG-2122-009	424-009	Sneha Roy	S. Roy	30	24	4	10	68 B
10	CC-BOTG-2122-010	424-010	Chayan Pramanik	Chayan Pramanik	32	21	10	10	73 B
11	CC-BOTG-2122-011	424-011	Prilam mallick	P. M.	30	24	7	8	69 B
12	CC-BOTG-2122-	424-012	Atmrit	Atmrit	33	25	10	10	78 B

13	CC-BOTG-2122-013	424-013	Poulami Jana	Poulami Jana	36	25	9	10	80 A
14	CC-BOTG-2122-014	424-014	Piyasa Santra	P. S.	34	25	9	10	78 B
15	CC-BOTG-2122-015	424-015	Pradipto Bala	P. B.	34	21	8	10	73 B
16	CC-BOTG-2122-016	424-016	Saheli Manna	Saheli Manna	30	20	10	10	70 B
17	CC-BOTG-2122-017	424-017	Atanu Ghorui	Atanu Ghorui	34	24	9	10	77 B
18	CC-BOTG-2122-018	424-018	Suja Jana	S. Jana	32	22	8	10	72 B
19	CC-BOTG-2122-019	424-019	Prithi Kapat	Prithi Kapat	34	26	10	10	80 A
20	CC-BOTG-2122-020	424-020	Mondira Maity	M. Maity	32	25	6	10	73 B
21	CC-BOTG-2122-021	424-021	Paromita Patra	Paromita Patra	30	25	8	10	73 B
22	CC-BOTG-2122-022	424-022	Soumadiomallik	S. Mallik	29	24	8	9	70 B
23	CC-BOTG-2122-023	424-023	Surajit kayal	Surajit Kayal	29	23	8	8	68 B
24	CC-BOTG-2122-024	424-024	Alka Yasmin	A. Y.	30	25	8	8	71 B
25	CC-BOTG-2122-025	424-025	Sudipta mondal	S. mondal	34	28	8	10	80 A
26	CC-BOTG-2122-026	424-026	Samiran Duari	S. Duari	29	24	8	8	69 B
27	CC-BOTG-2122-027	424-027	Ayan kumar Modak	Ayan Kumar Modak	34	28	8	10	80 A

*Chel.*  
 Co-ordinator  
 IQAC  
 Siddheswari Mahavidyalaya  
 Howrah.

*By*  
 Course Coordinator  
 Shyampur Siddheswari Mahavidyalaya

ATTESTED  
*[Signature]*  
 04/05/22  
 Principal  
 SHYAMPUR SIDDHESWARI MAHAVIDYALAYA  
 Ajodhya, Howrah.




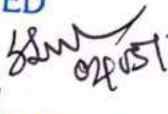


28	CC-BOTG-2122-028	424-028	Amita Manna	Amita Manna	30	28	9	10	77, B
29	CC-BOTG-2122-029	424-029	Purba Hazra	Purba Hazra	30	21	7	10	68, B
30	CC-BOTG-2122-030	424-030	Raju Kumar Ghosh	R. Ghosh	31	22	7	10	70, B
31	CC-BOTG-2122-031	424-031	Shipta Adak	S. Adak	26	22	8	9	75, B
32	CC-BOTG-2122-032	424-032	Tayam Pramanik	Tayam Pramanik	37	25	10	10	82, A
33	CC-BOTG-2122-033	424-033	Rupam Maity	Rupam Maity	30	26	10	10	76 B
34	CC-BOTG-2122-034	424-034	Dalia Mondal	Dalia Mondal	32	21	10	10	73 B
35	CC-BOTG-2122-035	424-035	Shibani pramanik	Shibani Pramanik	32	21	10	10	73 B
36	CC-BOTG-2122-036	424-036	Sukanya giri	Sukanya Giri	30	25	10	10	75 B
37	CC-BOTG-2122-037	424-037	Rupankar manna	Rupankar manna	27	22	10	10	69 B
38	CC-BOTG-2122-038	424-038	Pranay Santra	Pranay Santra	27	20	10	10	67 B
39	CC-BOTG-2122-039	424-039	Ashika Parvin	Ashika Parvin	30	26	10	10	76 B
40	CC-BOTG-2122-040	424-040	Syed Sanna	Syed Sanna	32	27	10	8	77 B
	CC-BOTG-2122-041	424-041	Sushree paul	Sushree paul	30	24	10	10	74 B
	CC-BOTG-2122-042	424-042	Supriya kula	Supriya kula	32	24	10	10	76 B

	CC-BOTG-2122-043	424-043	Somnath Mondal	Somnath Mondal	34	25	10	10	79, B
	CC-BOTG-2122-044	424-044	Syed Waqef Ali Al Hossaini	Syed Waqef Ali Al Hossaini	30	20	10	8	68, B
	CC-BOTG-2122-045	424-045	Ritwik maity	Ritwik maity	31	21	10	8	70, B

  
 Co-ordinator  
 IQAC  
 Shyampur Siddheswari Mahavidyalaya  
 Ajodhya, Howrah.

  
 Course Coordinator  
 Shyampur Siddheswari Mahavidyalaya

ATTESTED  
  
 Principal  
 SHYAMPUR SIDDHESWARI MAHAVIDYALAYA  
 Ajodhya, Howrah.





DEPARTMENT OF BOTANY  
SHYAMPUR SIDDHESWARI MAHAVIDYALAYA  
HOWRAH, WEST BENGAL

CERTIFICATE COURSE ON "KNOW YOUR PLANTS"  
(November 2021-February 2022)



**Certificate of Participation**

This is to certify that Mr./Ms. Tayan Pramanik, a student of Department of Botany, Shyampur Siddheswari Mahavidyalaya has successfully participated and completed the thirty one hours certificate course entitled "KNOW YOUR PLANTS" and obtained Grade A.

Grading System :: A: 80 percent and above; B: 79 percent to 60 percent; C: 59 percent to 40 percent;  
D: 39 percent to 20 percent; E: Below 20 percent

Dr. Satarupa Dey  
HOD & Course Coordinator

Mr. R. Mukherjee  
IQAC Coordinator

Dr. S. K. Bose  
Principal

ATTESTED

Principal  
SHYAMPUR SIDDHESWARI MAHAVIDYALAYA  
Ajodhya, Howrah.



Course Coordinator  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.



# Shyampur Siddheswari Mahavidyalaya

## Department of Botany

Final report on Certificate course on “*Know your Plants*”

Conducted in session 2021-2022

Department of Botany conducted a certificate course on “” from 23th November 2021 till 21<sup>st</sup> February 2022. A total of 45 students of Semester 1, 3 and 5 enrolled to the course. The course began with an inaugural programme on 16<sup>th</sup> November 2021. This program was attended by all the enrolled students, faculties and Head of the institute.

The classes started from 23th November 2021 and continued till 21<sup>st</sup> February 2022. The classes were taken by Dr Satarupa Dey, Head, Department of Botany and Ms Sathi Seth, SACT, Department of Botany. A total of 30 hours was taken to complete the course and the classes were mainly taken on Tuesday and Friday. The duration of each class was 2 hours which included both practical and theory classes.



*S.Dey*  
Course Coordinator  
Shyampur Siddheswari Mahavidyalaya

ATTESTED  
*S.Dey*  
02/05/22  
Principal  
SHYAMPUR SIDDHESWARI MAHAVIDYALAYA  
Ajodhya, Howrah.



*S.Dey*  
Co-ordinator  
IQAC  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.





Department of Botany issued a notice of final theory examination on 25/2/2021. Among all the 45 students, a total of 4 students scored above 80 and got a grade of A. Rest got marks in the range of 60-79 and scored Grade B. Two students were absent in the final theory exam and did not receive the final certificate.

The certificate distribution ceremony was held on 22<sup>nd</sup> March 2022.

*Satarupa Dey*

Dr. Satarupa Dey

**Course coordinator**

Course Coordinator  
Shyampur Siddheswari Mahavidyalaya

ATTESTED

*[Signature]*  
Principal

SHYAMPUR SIDDHESWARI MAHAVIDYALAYA  
Ajodhya, Howrah.

*[Signature]*  
Co-ordinator  
IQAC  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.





Certificate Course

Know your Plants

2021-2022



Students during the class of the certificate course



Peer teaching learning during certificate course classes

*S. Hat*



ATTESTED

*Sdm 28/5/24*

Principal  
Shyampur Siddheswari Mahavidyalaya  
Ajojhya, Howrah.

*Qalal.*

Co-ordinator  
IQAC  
Shyampur Siddheswari Mahavidyalaya  
Ajojhya, Howrah.



# Shyampur Siddheswari Mahavidyalaya

Ajodhya • Howrah • Pin - 711312

(Affiliated to the University of Calcutta)  
(Accredited by NAAC at the 'B' level)

President  
SRI KALIPADA MANDAL



Teacher-in-Charge & Secretary  
GOBINDA PRASAD BARMAN

Ref. No. SSM/CERT/8(1)/2022-23

Date: 8/11/2022

Department of Botany, Shyampur Siddheswari Mahavidyalaya will start a certificate course on "**Introduction to plant world**" for the session 2022-2023.

The details of the course are as follows:

Certificate Course: "**Introduction to plant world**"

Date of commencement: **21<sup>st</sup> November, 2022**

Course Coordinators: **Dr Satarupa Dey, Ms. Sathi Seth**

Course Duration: **30 Hours (November, 2022–February 2023)**

Maximum Capacity: **30 candidates**

Registration fees: **Rs. 100/- (Rupees One Hundred Only)**

Mode of Payment: Deposit the fees to the cash counter, Shyampur Siddheswari Mahavidyalaya Last Date of Registration: **15th November 2021**

Eligibility: **students of Botany (General)**

The candidates will be graded on the basis of the continuous assessment and examination that will be held at the end of the course. After successful completion of the course, the candidates will receive the certificate. All the interested candidates are requested to submit the registration form along with the registration fees to the cash counter, Shyampur Siddheswari Mahavidyalaya, Ajodhya, Howrah, West Bengal-711312.

Enclosures: Registration Form, Prospectus of the certificate course

8/11/22

Teacher- in- charge

Shyampur Siddheswari Mahavidyalaya

E-mail : ssmahavidyalaya@gmail.com

ATTESTED

Principal  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.

31/5/24

SS  
Course Coordinator  
Shyampur Siddheswari Mahavidyalaya

Co-ordinator  
IQAC  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.



Website : [www.ssmahavidyalaya.edu.in](http://www.ssmahavidyalaya.edu.in)

☎ 9800494233

# Shyampur Siddheswari Mahavidyalaya

Ajodhya • Howrah • Pin - 711312

(Affiliated to the University of Calcutta)  
(Accredited by NAAC at the 'B' level)

President  
**SRI KALIPADA MANDAL**



Teacher-in-Charge & Secretary  
**GOBINDA PRASAD BARMAN**

Ref No. \_\_\_\_\_

Date \_\_\_\_\_

Notice for Theory exam for the  
**Certificate course on "Introduction to plant world"**  
**Department of Botany, Shyampur Siddheswari Mahavidyalaya**  
**Session: 2022-2023**  
**Course code: CC BOTG 01**  
**Date of Exam: 14/03/2023**  
**Time: 2.30 -3.30 PM .**  
**Venue: Botany Laboratory**

**All enrolled students must appear for the theory exam for successful completion of the course**

10/3/23

Teacher- in- charge

Shyampur Siddheswari Mahavidyalaya

E-mail : [ssmahavidyalaya@gmail.com](mailto:ssmahavidyalaya@gmail.com)

Co-ordinator  
IQAC  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.

**ATTESTED**

Principal  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.

31/5/24


SS  
Course Coordinator  
Shyampur Siddheswari Mahavidyalaya

**Certificate course on "Introduction to plant world"**  
**Department of Botany, Shyampur Siddheswari Mahavidyalaya**  
**Session: 2022-2023**  
**Course code: CC BOTG 02**

**Duration: 1Hour**

**Total Marks: 25x2=50**

1. Solanaceae বর্গের বহিঃস্থ বৈশিষ্ট্য লেখ।
2. Solanaceae বর্গের বন্য?
3. Solanaceae বর্গের বন্য?
4. 2টি Solanaceae বর্গের উদাহরণ দাও।
5. Solanaceae বর্গের বন্য বন্য?
6. Solanaceae বর্গের বন্য বন্য?
7. Solanaceae বর্গের বন্য বন্য?
8. Solanaceae বর্গের বন্য বন্য?
9. Solanaceae বর্গের বন্য বন্য?
10. Solanaceae বর্গের বন্য বন্য?
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24. Solanaceae বর্গের বন্য বন্য?
25. Solanaceae বর্গের বন্য বন্য?

  
Co-ordinator  
IQAC  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.

**ATTESTED**  
Principal  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.

31/5/24  
SS  
Course Coordinator  
Shyampur Siddheswari Mahavidyalaya



















**ASSESSMENT SHEET**  
**CERTIFICATE COURSE ON "Introduction to plant world"**  
**(SESSION 2022-2023)**

Sr No	Certificate Course Registration No	Certificate or Course Roll No	Name	Sign	Theory Exam (M. M. 80)	Class Test (M. M. 20)	Attendance (M. M. 10)	Class Performance (M. M. 10)	Total Marks & Grade
1	CC-BOT-2223-001	424-001	Arpita Hazra	Arpita Hazra	36	26	10	10	82, A
2	CC-BOT-2223-002	424-002	Paramita Maitty	Paramita Maitty	30	28	7	10	75, B
3	CC-BOT-2223-003	424-003	Madhumita Munna	Madhumita Munna	36	24	10	10	80, A
4	CC-BOT-2223-004	424-004	Tanuja Khatu	Tanuja Khatu	32	21	10	10	73, B
5	CC-BOT-2223-005	424-005	Tuhir Sher	Tuhir Sher	32	21	10	10	73, B
6	CC-BOT-2223-006	424-006	Ananya Maji	Ananya Maji	27	22	10	10	69, B
7	CC-BOT-2223-007	424-007	Lakshya Sher	Lakshya Sher	27	20	10	10	67, B
8	CC-BOT-2223-008	424-008	Saptarshi Jana	Saptarshi Jana	32	27	10	8	77, B
9	CC-BOT-2223-009	424-009	Prithi Bera	Prithi Bera	30	24	10	8	72, B
10	CC-BOT-2223-010	424-010	Tanwika Munna	Tanwika Munna	32	24	10	8	74, B

11	CC-BOT-2223-011	424-011	Deep Kumar Maitty	Deep Kumar Maitty	35	26	10	10	81, A
12	CC-BOT-2223-012	424-012	Akash Khan	Akash Khan	30	20	6	10	66, B
13	CC-BOT-2223-013	424-013	Sourmen Bhawanik	Sourmen Bhawanik	32	22	6	10	70, B
14	CC-BOT-2223-014	424-014	Sourav Mondal	Sourav Mondal	32	21	10	10	73, B
15	CC-BOT-2223-015	424-015	Susanta Mondal	Susanta Mondal	30	24	7	8	69, B
16	CC-BOT-2223-016	424-016	Sayan Patra	Sayan Patra	33	25	10	10	78, B
17	CC-BOT-2223-017	424-017	Tapas Bej	Tapas Bej	27	22	10	7	66, B
18	CC-BOT-2223-018	424-018	Arghya Mondal	Arghya Mondal	27	22	10	8	67, B
19	CC-BOT-2223-019	424-019	Avijit Ghosh	Avijit Ghosh	32	27	10	8	77, B
20	CC-BOT-2223-020	424-020	Bhikhi Doloi	Bhikhi Doloi	27	24	10	8	69, B
21									
22									
23									
24									
25									

*Shel*  
 Co-ordinator  
 IQAC  
 Shyampur Siddheswari Mahavidyalaya  
 Ajodhya, Howrah.

**ATTESTED**

Principal  
 Shyampur Siddheswari Mahavidyalaya  
 Ajodhya, Howrah.

31/5/24  
*SS*  
 Course Coordinator  
 Shyampur Siddheswari Mahavidyalaya

DEPARTMENT OF BOTANY  
SHYAMPUR SIDDHESWARI MAHAVIDYALAYA  
HOWRAH, WEST BENGAL.

CERTIFICATE COURSE ON "Introduction to plant world"  
(November 2022-February 2023)



**Certificate of Participation**

This is to certify that Mr./Ms. Arpita Hazra, a student of Department of Botany, Shyampur Siddheswari Mahavidyalaya has successfully participated and completed the thirty one hours certificate course entitled "Introduction to plant world" and obtained Grade A.

Grading System - A: 80 percent and above, B: 70 percent to 80 percent, C: 50 percent to 60 percent, D: 30 percent to 20 percent, E: Below 20 percent.

Dr. Satarupa Dey  
HOD & Course Coordinator

Mr. R. Mukherjee  
IQAC Coordinator

Gobinda Prasad Barman  
Teacher in charge

Co-ordinator,  
IQAC  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.

ATTESTED

Principal  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.

31/5/24

Course Coordinator  
Shyampur Siddheswari Mahavidyalaya



## Shyampur Siddheswari Mahavidyalaya

### Department of Botany

#### Final report on Certificate course on “Introduction to plant world”

#### Conducted in session 2022-2023

Department of Botany conducted a certificate course on “” from 21th November 2022 till 20<sup>th</sup> February 2023. A total of 20 students of Semester 1 enrolled to the course. The course began with an inaugural programme on 16<sup>th</sup> November 2022. This program was attended by all the enrolled students, faculties and Head of the institute.

The classes started from 24th November 2022 and continued till 20<sup>th</sup> February 2023. The classes were taken by Dr Satarupa Dey, Head, Department of Botany and Ms Sathi Seth, SACT, Department of Botany. A total of 30 hours was taken to complete the course and the classes were mainly taken on Monday and Tuesday. The duration of each class was 2 hours which included both practical and theory classes. Department of Botany issued a notice of final theory examination on 10/3/2023. Among all the 20 students, a total of 3 students scored above 80 and got a grade of A. Rest got marks in the range of 60-79 and scored Grade B.

The certificate distribution ceremony was held on 22<sup>nd</sup> March 2023.



*Shal*  
Co-ordinator  
IQAC  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.

ATTESTED

Principal  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.

31/5/24

*SS*  
Course Coordinator  
Shyampur Siddheswari Mahavidyalaya



Satarupa Dey

Dr. Satarupa Dey

Course coordinator

Shel  
Co-ordinator  
IQAC  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.

ATTESTED

Principal  
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Ajodhya, Howrah.

31/5/24

SS  
Course Coordinator  
Shyampur Siddheswari Mahavidyalaya



Certificate Course  
Introduction to plant world  
2022-2023



Peer teaching learning during certificate course classes



ATTESTED  
Date 28/5/23  
Principal  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.

*Dr. K. K. S.*  
Co-ordinator  
IQAC  
Shyampur Siddheswari Mahavidyalaya  
Ajodhya, Howrah.