OFFICE OF THE PRINCIPAL

GOSSAIGAON COLLEGE, GOSSAIGAON

From,

Dr. Kumud Ranjan Basumatary,
M.A.,M.Phil, Ph.D.
Principal i/c,
Gossaigaon College,
Gossaigaon

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Memo No GC: 34/2022-2023/ Date: 14/12/2022

UNDERTAKING

This is to certify that the following documents and information given in respect of the Metrix 1.2 (**Academic Flexibility**) is true to the best of my knowledge and belief.

- 1. List of Add-On/Value Added Courses (last 5 years)
- 2. Syllabus of Add on Courses
- 3. Photocopy of Student Attendance Register
- 4. Sample Certificate of Add On Courses

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List of Add On/Certificate courses in last 5 years

Year	Name of Add On/Certificate Course
2021-22	English Speaking Course
	Certificate Course in Tourism
	Certificate Course in Sericulture
	Certificate Course in Mushroom Cultivation
	Certificate Course in Map making using QGIS & GPS
2020-21	English Speaking Course
	Certificate Course in Tourism
	Certificate Course in Sericulture
	Certificate Course in Mushroom Cultivation
	Certificate Course in Map making using QGIS & GPS

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Department of Geography Syllabus For

Certificate Course in Map making using QGIS & GPS

Duration of the course---3 months.

Unit 1: Basics of Remote Sensing and GIS

- Geo-Referencing the map/Toposheet, Drawing base map from Satellite imagery/Toposheet,
- Mapping point, line and polygon features, Land use/ Land Cover mapping (Supervised and Un- supervised), Isopleths, Choropleth and Chorochrometic mapping, Proportional mapping,
- Relief analysis from DEM. Data collection from GPS and mapping.

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Department of Botany

Syllabus

For

Certificate Course in Mushroom Cultivation Duration of the course---3 months.

Course Code: MCC

Syllabus:

Unit 1: Introduction to Mushroom

2 lectures

History and Scope of Mushroom Cultivation; Taxonomical rank of Mushroom; Vegetative characters of edible and poisonous mushrooms.

Unit 2: Common edible Mushrooms

2 lectures

Button Mushroom (*Agaricus bisporous*), Oyster mushroom (*Pleurotus sajorcaju*), paddystraw mushroom (*Volvariella volvacea*), Milky Mushroom (*Calocybe indica*); Other economically important and medicinal mushroom- Shiitake Mushroom (*Lentinula edodes*), Kabul Dhingri (King Oyster) Mushroom.

Unit 3: Principle of Mushroom Cultivation

8 lectures

Structure and construction of mushroom house. Sterilization of substrates. Spawn production-culture media preparation, Preparation of mother spawn, production of planting spawn, storage/transportation of spawn, Criteria for selection of good quality spawn. Cultivation of Button mushroom and paddy straw mushroom; Introduction to microbiology laboratory-Laminar Air flow, Autoclave.

Unit 4: Nutritional and health benefits of Mushroom

2 lectures

Nutritional and health benefits of mushrooms. Therapeutic aspects- antitumour effects.

Unit 5: Disease and Pest Management in cultivated mushrooms

3 lectures

Dry Bubble and wet bubble- Major diseases of cultivated mushroom; Major insect pests-Mushroom flies / nematodes / mites.

Unit 6: Value addition of Mushroom

2 lectures

Value added products / recipes, Quality assurance, Packing and packaging, Market opportunities.

Unit 7: Training / Workshop

12 lectures

Sterilisation and sanitation of mushroom house, instruments and substrate; Preparation of mother culture, media preparation, inoculation, incubation and spawn production; Cultivation of *Volvariella volvacea* (paddy straw mushroom) and *Pluerotus sajorcaju* (oyster mushroom) using paddy straw/agricultural waste.

References:

- 1. Pandey, R.K. and Ghosh, S.K. (1996). A handbook of Mushroom Cultivation. Emkey Publication.
- 2. Pathak, V.N. and Yadav, N. (1998). Mushroom Production and Processing Technology. Agrobios, Jodhpur.
- 3. Nita, B. (2000). Handbook of Mushrooms. Vol 1 & 2. Oxford and IBH Publishing Co. Pvt. Ltd., New Delhi.

4. Tewari, P. and Kapoor S.C. (1998). Mushroom Cultivation, Mittal Publication, New Delhi.

Principat, Gossaigaon College,Gossaigaon rlead of the Department

P. Basymafan

Gossalgaun Luden Aussadzaon



Department of English

Syllabus For Spoken

English

[Three Months Course]

Duration of the course---3 months. Full Marks—50 (2 Credits)

Objective

- Total shift in pedagogy from lectures oriented classes to interactive learning
- To familiarize students with the function of grammatical items used to spoken /written language
- To train students to use the language with confidence & without committing errors
- The English Communication skill is to be taught in 2nd semesterfor all students of Humanities & Social Sciences, to earn two credits.
- The structure of the Syllabus of spoken English would look likethis-

Unit-1

1. Listening

Listening to texts, listening to CDs, Trials of a good listener

2. Pronunciation

Introduction to English phonetic Symbols consonants & Vowels with illustrations in use

3. Listening & Comprehension

Interpretation of texts based on question-answer. Interaction among students

4. Reading Skill

Techniques of reading. Reading comprehension of unseen pages

Identifying the context & the central idea

5. Vocabulary & word formation

From different texts & dictionary

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Unit-2

1. Basic Grammar

Prescriptive/descriptive approaches grammaticalityacceptability –appropriateness-grammar in contextgrammar in spoken & written

2. Practice

- Exercise on the use of different grammatical constructions in context
- Identification of the use of the above given grammatical devices form different texts like newspapers, poems, stories etc.

3. Words & phrases used for conversation

Making statements, questions, order & suggestions –denying – rejecting-disagreeing-possibility-ability, permission, obligations etc.

Unit-3

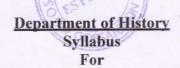
- 1. Dialogues
- 2. Public speech
- 3. Telephonic Conversation

Unit -4

Translation – from Assamese to English

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H. O. A. gijsh Gossen college



Certificate Course in Tourism

Duration of the course--- 6 months.

(Add-On Course)

Units	Course Contents	Credit
Ι	Definition of Heritage, Historical site -Art & Architecture in India	
	-Field Work: Visit to historical sites & Museums	
II	Understanding built Heritage:	
	-Stupa Architecture	
	-Temple Architecture	
	-Indo Persian Architecture, Forts, Palaces Mosques	
Harri V	-Colonial Architecture	
III	Field Work: Visit to site	
IV	Modalities of conducting tourism	

Reading List:

- 1. The Present in Delhi's Past, Delhi, Gyan Publishing House, 2002.
- 2. Peter Howard, Heritage: Management, Interpretation, Identity and London, 2003.
- 3. V.S. Agarwal, Indian Art, Varanasi, Prithvi Prakashan, 1972

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- 4. Percy Brown, Indian Architecture, Bombay, D.B. Taraporevala Sons & Co, 1940
- James Harle, The Art & Architecture of the Indian Subcontinent, Hormonds worth, Penguin, 1988
- S.K. Bhowmik, Heritage Management: Care, Understanding & Appreciation of Cultural Heritage, Jaipur, 2004

HOD, History

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CERTIFICATE COURSE-MUSHROOM CULTIVATION (2021-22)

SI. No.	Name														-	Date	2				, .								
1406		Subject	07/09/2021	09/09/2021	10/09/2021	12/09/2021	17/09/2021	22/09/2021	23/09/2021	26/09/2021	29/09/2021	01/10/2021	03/10/2021	06/10/2021	09/10/2021	10/10/2021	12/10/2021	16/10/2021	18/10/2021	21/10/2021	23/10/2021	02/11/2021	05/11/2021	08/11/2021	03/12/2021	05/12/2021	06/12/2021	07/12/2021	09/12/2021
1	Fanindra Roy	Zoo	p	p	p	p	a	p	р	р	p	p	p	p	p	р	a	р	p	р	p	р	p	p	p	p	р	p	p
2	Jyotiprasad Roy	55	p	p	p	p	p	p	p	p	p	p	p	p	p	p	a	p	p	p	p	p	p	p	p	p	p	p	p
3	Mofidur Rahman	39	p	p	p	p	p	p	p	р	p	p	p	p	p	р	p	p	p	a	a	p	a	a	a	p	p	p	p
4	Jitul Roy	**	а	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	a	a	p	p	p	p	p	p	p	p
5	Puja Roy	**	p	p	p	p	p	p	p	p	p	p	p	р	p	p	p	p	p	p	a	p	p	p	p	p	p	p	а
6	Ujjal Das		р	p	а	p	p	p	p	р	р	p	p	p	p.	p	p	p	p	р	р	а	a	p	p	p	p	p	p
7	Anjuma Khatun	"	р	p	a	p	р	p	р	p .	р	р	p	р	р	р	р	p	p	p	р	a	p	p	p	p	р	p	p
8	Anju Brahma	Bot.	p	p	p	p	p	p	p	p	p '	р	p	р	p	р	р	p	p	a	р	р	р	р	р	р	р	p	p -
9	Munni Lama	"	p	p	p	р	p	p	p	p	p	р	р	р	р	р	p	p	p	a	p	p	р	p	p	p	p	а	a
10	Fungkha Brahma	99	p	p	p	p	p	p	P.	p	p	p	p	р	р	р	p	p	p	a	р	p	p	p	p	p	р	a	a
11	Fungkha Basumatary	,,	р	p	p	р	p	a	a	р	p	р	р	р	p	p	р	p	p	a	р	p	p	p	p	p	p	р	p
12	Elina Brahma	,,	p	p	p -	p	p	p	p	p	p	p	p	p	p	p	р	р	p	р	p	р	р	р	р	p	р	p	р
13	Devshree Brahma	"	р	p	p	p	p	p	p	p	p	p	p	р	p	p	р	a	p	р	p	a	a	a	a	p	р	p	p
14	Gadion Basumatary	99	р	р	p	р	p	p	p	р	р	p	p	р	а	р	р	a	p	p	р	p	p	p	p	p	р	р	р
15	Tenyson Narzary	,,	р	р	p	р	p	p	p	р	р	р	p	р	a	p	р	a	p	p	p	p	р	p	p	p	р	р	p
16	Silvenson Kisku	99	р	p	а	a	p	p	p	р	р	p	а	p	p	р	p	p	p	p	р	p	p	p	p	p	р	p	р

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CERTIFICATE COURSE-SERICULTURE (2021-22)

SL No.	Name										_				Date													
140.		11/10/2021	13/10/2021	15/10//202	20/10/2021	22/010/202	26/10/2021	28/10/2021	29/10/2021	01/11/2021	03/11/2021	04/11/2021	06/11/2021	09/11/2021	10/11/2021	12/11/2021	15/11/2021	18/11/2021	19/11/2021	21/11/2021	22/09/2021	25/11/2021	26/11/2021	28/11/2021	29/11/2021	01/12/2021	04/12/2021	08/12/2021
1	Gouri Basumatary	р	p	р	р	a	р	p	р	p	р	р	р	р	р	а	p	p	p	р	р	р	p	р	р	р	р	р
2	Richu Saha	p	p	p	p	p	p	p	p	p	p	p	p	p	p	a	p	p	p	p	p	p	р	p	p	p	р	p
3	Asit Sutradhar	p	p	p	p	p	р	p	р	p	p	p	p	p	p	p	р	р	a	a	р	a	a	a	р	р	p	p
4	Sagar Mushahary	a	p	р	р	р	p	p	p	p	p	a	р	р	р	p	р	p	a	a	p	р	р	р	р	р	р	р
5	Didwm Brahma	р	p	р	р	р	p	p	p	р	p	p	р	р	p	р	p	p	p	a	p	p	p	р	p	р	p	а
6	Ansula Daimary	р	p	a	р	р	p	p	р	p	р	p	Р	p	p	р	p	p	p	P	a	a	р	Р	р	р	p	р
7	Sudit Nayan Saha	р	p	a	р	р	р	p	p	p.	p	p	р	р	р	p	р	p	p	p	a	p	р	р	р	p	p	р
8	Arfina Khanam	р	p	p	a	p	p	p	p	р	p	a	p	p	p	p	p	p	a	p	P	p	p	р	р	р	p	p
9	Momowara Khatun	р	p	р	р	р	р	p	p	р	p	p	p	р	p	p	р	p	а	p	р	р	p	р	p	Р	a	а
10	Silita Baru	p	p	p	р	p	p	p	p	p	р	p	p	p	p	p	p	p	a	p	p	p	р	р	р	р	a	a
11	Gabinda Brahma	p	p	p	р	p	a	a	p	р	p	p	р	р	р	p	р	p	a	p	p	р	p	р	p	p	р	р
12	Ramkrishna Paul	p	p	p	p.	р	p	p	р	p	p	а	p	р	р	р	р	p	p	p	p	p	р	p	p	p	р	р
13	Janhobi Biswas	р	a	р	p	р	p	p	р	p	р	p .	р	р	p	р	a	p	p	p	a	a	a	a	p	p	p	р
14	Tunlai Basumatary	p	p	р	р	p	p	p	р	p	р	p	р	а	p	р	a	p	p	p	р	p	р	р	p	p	p	р
15	Reshma Khandakar	p	p	p	p-	р	р	p	р	р	p	р	р	а	р	p	a	p	р	p	p	р	p	р	p	p	р	р
16	Albina Hazowary	р	p	a	a	p	p	p	p	р	p	а	р	p	p	p	р	p	p	p	p.	p	р	p	p	p	р	p

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Department of Zoology
Gossaigaon College, Gossaigaon

CERTIFICATE COURSE IN GEOGRAPHIC INFORMATION SYSTEM (GIS) - 2021-22

SI. No.	Name									,					Date	8												
140.		11/10/2021	13/10/2021	17/10//202	20/10/2021	22/010/202	26/10/2021	28/10/2021	29/10/2021	01/11/2021	03/11/2021	04/11/2021	07/11/2021	09/11/2021	10/11/2021	12/11/2021	15/11/2021	18/11/2021	19/11/2021	21/11/2021	22/09/2021	25/11/2021	26/11/2021	28/11/2021	29/11/2021	01/12/2021	05/12/2021	06/12/2021
1	Dhubrajit Saha	р	p	p	р	a	p	p	р	p	p	р	p	p	p	a	p	p	p	p	p	p	p	p	p	p	p	p
2	Abhishek Roy	р	p	p	p	p	p	p	p	p	р	P	p	p	p	a	p	р	p	p	p	р	р	p	р	p	p	p
3	Ashu kumar Singh	p	р	p	р	p	p	p	р	p	p	p	p	p	р	p	p	p	a	a	p	a	a	a	p	p	p	p
4	Gopal sah	a	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	р	a	a	р	р	p	p	р	p	p	р
5	Dipshik Rani Roy	р	p	p	р	p	p	p	p	p	p	p	р	p	р	р	p	p	р	a	p	p	p	p	p	p	p	a
6	Radha Jain	p	р	a	p	p	p	p	р	p	p	p	р	p	p	р	р	р	р	р	а	a	p	р	p	p	p	p
7	Bipul Barman	р	p	а	р	p	p	p	p	p	р	p	p	p	p	p	p	p	p	p	a	p	p	p	p	p	p	p
8	Abijit Sarkar	p	p	p	р	p	p	p	p	p	р	p	p	p	p	p	p	p	a	p	р	p	p _	p	p	p	p	p
9	Phungbili Brahma	p	p	p	р	p	p	p	p	p	p	p	p	p	p	p	p	р	a	p	p	p	p	p	p	p	a	a
10	Momi Brahma	p	p	р	р	p	p	p	p ·	p	p	p	p	p	p	p	p	р	a	p	р	р	p	p	p	p	a	a
11	Olivia Basumatary	р	p	p	р	p	a	a	p	р	р	p	p	p	p	p	p	p	a	р	p	р	p	p	p	p	p	p
12	Rupa Sarkar	p	p	p	p	p	p	p	p	p	p	p	р	p	p	р	р	р	p	р	р	p	p	р	р	р	р	p
13	Poonam Jhawar	р	р	р	р	p	p	p	p	р	р	p	P.	р	р	p	a	p	p	p	a	a	a	a	p	p	p	p

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CERTIFICATE COURSE ON TOURISM (2021-2021)

SI.	Name								V	3 65	0.4	TI C)]			Date													
No.		Subject	11/10/2021	13/10/2021	17/10/2021	20/10/2021	22/10/2021	26/10/2021	28/10/2021	29/10/2021	01/11/2021	03/11/2020	04/11/2021	07/11/2021	09/11/2021	10/11/2021	12/11/2021	15/11/2021	18/11/2021	19/11/2021	21/11/2021	22/11/2021	25/11/2021	26/11/2021	28/11/2021	29/11/2021	01/12/2021	05/12/2021	06/12/2021
1	Japhungsar Brahma		р	p	p	a	a	p	p	p	a	p	р	p	p	p	p	р	а	р	р	p	p	p	p	A	р	p	p
2	Subhasni Singh		p	р	p	A	p	p	p	p	a	a	p	p	p	p	a	p	p	p	p	p	р	p	p	р	p	p	р
3	Kamalika Shill Sharma		P	p	p	P	р	p	а	р	р	p	p	р	p	p	р	p	p	a	a	р	a	a	a	р	р	p	р
4	Riya Brahma	ry	a	P	p	P	p	a	p	p	p	p	р	p	a	P	p	p	p	a	a	p	p	p	p	p	a	a	p
5	Ambika Hazowary	History	P	a	p	P	P	p	a	p	a	p	p	р	P	P	p	p	p	A	a	p	p	p	p	р	P	P	a
6	Fuleshwari Murmu	1	р	P	a	p	P	p	p	p '	p .	a	p	p	P	P	a	p	p	P	p	a	a	p	p	p	P	P	p
7	Alongbar Brahma		p	p	a	p	P	p	p	p	р	p	p	p	P	P	p	p	p	p	р	a	p	p	p	p	P	P	p
8	Kwrwmdao Narzary		a	p	p	p	P	p	p	p	p	p	p	р	p	P	p	p	p	a	p	p	p	p	p	p	p	a	p
9	Chandrika Brahma		P	р	p	a	a	p	p	p	р	p	p	р	р	P	p	p	p	a	р	p	p	p	p	p	р	Α	a

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Akael Broha HOD, History Gossalgaon College, Gossalgaon

CERTIFICATE COURSE IN ENGLISH SPEAKING (2021-22)

SI. No.	Name														Date													
140.		11/10/2021	13/10/2021	16/10//202	20/10/2021	22/010/202	26/10/2021	28/10/2021	29/10/2021	01/11/2021	03/11/2021	04/11/2021	07/11/2021	09/11/2021	10/11/2021	12/11/2021	15/11/2021	18/11/2021	19/11/2021	21/11/2021	223/11/202	25/11/2021	26/11/2021	28/11/2021	29/11/2021	01/12/2021	06/12/2021	09/12/2021
1	Abhishek kumar Singh	p	р	p	р	a	р	p	р	p	р	p	p	p	р	a	p	p	p	p	p	р	p	p	p	p	p	p
2	Rangjalu Brahma	p	р	р	р	p	p	p	р	p	p	p	p	p	p	a	p	p	p	p	p	p	p	p	р	p	p	p
3	Deep Goswami	p	р	p	р	p	p	р	р	p	р	р	p	р	р	p	p	р	a	a	р	a	a	а	p	p	p	p
4	Nihwr Mushahary	a	p	р	p	p	p	а	р	p	p	a	p	р	p	p	а	p	a	a	p	р	р	р	р	p	p	p.
5	Jennifer Mushahary	p	a	p	p	a	p	p	p	p	p	p	p	p	p	p	p	p	p	а	p	p	p	p	p	p	p	a
6	Apurba Das	p	p	a	a	p	p	p	p	p	p	p	p	p	p	p	p	p	p	p	a	a	p	p	p	p	p	p
7	Amita Narzary	р	р	a	р	р	p	p	р	p	p	р	p	p	a	р	p	p	p	р	a	р	p	p	р	p	p	р
8	Lily Brahma	p	p	p	p	р	p	p	p	p	p	a	p	p	p	р	p	р	a	p	p	p	p.	p	p	p	p	p
9	Perina Kisku	p	р	p	р	р	p	p	р	p	р	р	p	р	р	p	p	p	a	p	p	p	р	р	р	p	a	а
10	Elenmary Soren	р	p	p	p	p	p	p	р.	a	р	p	p	р	р	р	p	p	a	p	р	р	p	p	p	р	а	a

Principat, Gossalgaon College,Gossalgaon H. Denglish





department of history gossaigaon college, gossaigaon Certificate

This is to certify that Japhungsar Brahma has successfully completed Certificate Course of 30 hours in **Tourism** with **A**⁺ grade,

Organized by Department of History,

Gossaigaon College, Gossaigaon, during the academic year 2021.

Principal; Gossaigaon College, Gossaigaon Dept. of History Gossaigaon Williams, Gossaigaon

Principat, Gossaigaon College,Gossaigaon





DEPARTMENT OF ZOOLOGY GOSSAIGAON COLLEGE, GOSSAIGAON Certificate

This is to certify that Silita Baru has successfully completed Certificate Course of 30 hours in Sericulture with Afgrade,
Organized by Department of Zoology,

Gossaigaon College, Gossaigaon, during the academic year 2021.

Principal Gossaigaon College, Gossaigaon Pept: of Zoplogy, Gossaigaon Collage, Gossaigaon

Principat, Gossaigaon College,Gossaigaon





department of geography gossaigaon college, gossaigaon Certificate

This is to certify that **Dhubrapit Saha** has successfully completed Certificate Course of 30 hours in **Map making using QGIS & GPS** with **A**[†] grade, Organized by **Department of Geography**, Gossaigaon College, Gossaigaon, during the academic year 2021.

Parneipal; Gossaigaon College, Gossaigaon

Principal,
Gossalgaon College, Gossalgaon

Co-ordinator
Dept. of Geography,
Gossaigaon College, Gossaigaon





department of english gossaigaon college, gossaigaon Certificate

This is to certify that **Ranjalu Brahma** has successfully completed Certificate Course of 30 hours in **Spoken English** with **A**⁺ grade,
Organized by **Department of English**,

Gossaigaon College, Gossaigaon, during the academic year 2021.

Principal, Gossaigaon

Gossalgaon College,Gossalgaon

Dept. of English, Gossaigaon College, Gossaigaon

> H. O. B. English Gossalgaon College





DEPARTMENT OF BOTANY GOSSAIGAON COLLEGE, GOSSAIGAON Certificate

This is to certify that **Anju Brahma** has successfully completed Certificate Course of 30 hours in **Mushroom Cultivation** with **A**[†] grade, Organized by **Department of Botany**,

Gossaigaon College, Gossaigaon, during the academic year 2021.

Principal Gossaigaon College, Gossaigaon H.O. Dates of the population of Botany.

Gossaigaon College, Gossaigaon

Principal, Gossalgaon College,Gossalgaon