

1.3.2 - Number of
courses that include
experiential learning
through project
work/field
work/internship
during the year

List of Course that
Include Project Work
/ Field Work

Project / Field Work Related Document

RAMANANDA COLLEGE



BISHNUPUR * BANKURA

Pin - 722122, West Bengal

Estd. 1945

Mob:- 6297976619

e-mail : principalramananda@gmail.com

Website : www.ramanandacollege.org

UGC Recognized & State Government Aided Constituent College

Under the Bankura University (dt.-01.01.2017)

(Re-Accredited by NAAC 3rd Cycle at B ** Level)

Ref. No.....

Date.....

From : Principal
Secretary, G.B.

Number of courses that include experiential learning through project work/field work/internship during the year

Program name	Program code	Name of the Course that include experiential learning through project work/field work/internship	Course code	Year of offering
B.A Bengali & M.A. Bengali	BEGH & PG BNG	‘প্রাচীন ও মধ্যযুগের কিছু সাহিত্যিক, ঐতিহাসিক, ধর্মীয় ও সাংস্কৃতিক স্থান পর্যবেক্ষণ এর মাধ্যমে সেই সময়কার ইতিহাসচর্চা’ (Study Of History Of Literature Of Old And Medieval Age By Visiting Some Literary, Religious, Historical And Cultural Space Of Old And Medieval Age).	AHBNG -201C-3, AHBNG -401C-8, PG 105	2021-22
M.Sc Botany	BOTG PG	Plant Ecology, Plant Systematics and Plant Diversity	EducationGeography	2021-22
M.Sc Botany	BOTG PG	Taxonomy of Angiosperm	BOT 204 C	2021-22
M.Sc Botany	BOTG PG	Taxonomy of Angiosperms and Biosystematics, Microbiology	BOT 304 EA, BOT 304 EB	2021-22
M.Sc Botany	BOTG PG	Educational Excursion and Field work Internal Assignment	BOT 403 IA	2021-22
M.Sc Botany	BOTG PG	Mycology, Plant Pathology	BOT 102 C	2021-22
Education (Honours) & Education (Programme)	EDCH & EDCG	Psychological Testing, B. Project Work & Development of Education in India, B. Guidance and Counselling	40215 AH/EDN/405/SEC-2 & 40210 AP/EDN/404/SEC-2	2021-22



[Signature]
Principal
Ramananda College
Bishnupur, Bankura

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Ref. No.

Date.

From : Principal
Secretary, G.B.

Geography (Honours)	GEOH	Research Methodology and Field Work Lab	SHGEO/602/C-14P	2021-22
History (Honours & Programme)	HISH & HISP	Archives and Museum Historical Tourism Theory & Practice	AHHST/304SEC-1 & APHST/305SEC- 1	2021-22
Zoology (Honours)	ZOOH	Visit to agricultural/sericulture/fishery /poultry farm/Marine or forest ecosystem	SH/ZOO/601/C-13	2021-22



[Signature]
15/5/23
Principal
Ramananda College
Bishnupur, Bankura

Botany



RAMANANDA COLLEGE

BISHNUPUR * BANKURA

Pin - 722122, West Bengal

UGC Recognized & State Government Aided Constituent College
Bankura University

Tel - (03244)25201

Tele Fax - (03244) 25441

e-mail - principal@ramanandacollege.o

Website-www.ramanandacollege.o

Ref. No.

Date: 07/12/2022

UG -Students

1. Shibasish Das De- 8391020385
2. Tapabrato Pal - 9002581172
3. Priya Pal - 8371953120
4. Rima Meddya- 6295828947
5. Sulekha Lohar- 7908874742
6. Sayantani Singha- 90835789105
7. Bhagabati Gorai- 7029066756
8. Arpita Ganguli- 9083030048
9. Subrata Chowdhury-9832102561

6. Biswanath Saren- 7076454445
7. Abhik Pathak- 8918775982 ✓
8. Daktar Mahato- 7602720403
9. Barun Das- 9851528631 ✓
10. Rakhi Ghosh- 7548984207
11. Itu Mama- 8670245849
12. Balaka Biswas- 8967966533

13. Tridib Das- 6295935723 ✓
14. Mritunjoy Ghosh- 8389882311
15. Onkarnath Shit- 9083230543
16. Nisha Nag- 7719100926 ✓

PG 1st Sem Students

1. Soumen Gorai- 8906771153 ✓
2. Sourin Ghosh- 8158072897
3. Soumyabrata Panda- 7679941862
4. Priya Dey- 8001431399
5. Sangita Dey- 8391080758
6. Puja Chowdhury- 8637560192
7. Nirmalya Chakraborty- 9933433676

PG 3rd Sem Students

1. Pabitra Atta- 9614828656
2. Nimisha De- 7585984853
3. Banashree Pal- 9382924543
4. Mampi Roy- 6296287886
5. Puja Kar- 6297802964

Principal

Ramananda College, Bishnupur, Bankura

Principal
Ramananda College
Bishnupur, Bankura





RAMANANDA COLLEGE

BISHNUPUR * BANKURA

Pin - 722122, West Bengal

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Website - www.ramanandacollege.x

Ref. No.

Date: 07/12/2022

Name of the Teachers

1. Dr. Shyamal Kanti Mallick
2. Dr. Ashish Mandal
3. Dr. Sabyasachi Chatterjee
4. Mr. Sanju Dutta

Principal

Ramananda College, Bishnupur, Bankura

Principal
Ramananda College
Bishnupur, Bankura



Student and Teachers visit A.I.C Bose Indian Botanic Garden
08.04.2022



4FW9+33W, Tarub, Jharkhand 835204, India

Tarub

Jharkhand

India

2022-04-08(Fri) 07:54(am)

26°C

79°F



4FW9+33W, Tarub, Jharkhand 835204, India

Tarub

Jharkhand

India

2022-04-08(Fri) 07:57(am)

26°C

79°F







BANKURA UNIVERSITY

FIELD REPORT

&

FIELD RECORDS

LOCAL & DISTANT TAXONOMIC EXCURSION

BOTANY, M.SC. , SEM- IV

YEAR - 2020-2022



SUBMITTED BY :-

NAME – SUBHRA SARKAR

UID NO – 20173013001

REGN. NO – BKU/15573 of 2017-2018

ACKNOLEGEEMENT

A numbers of trips in purpose of learning) identification of Plant as well as there ecological Properties were Conducted by our teachers of Department of Botany, Ramaranda College

We thank our teachers Dr. Ajit Dutta, Dr. Shyamal ^{Kanti} ~~Kamdar~~ Mallick, Dr. Asish Mandal, Dr. Sabiyasachi Chatterjee, Dr. Saubashya Sur, Dr. Rebeca Ghanta, for Conducting the trip & for giving us through out the program.

We extend our special thank to our Principal Dr. Swapna Ghosai for helping us to get Permission for the forest department & doing others adminstrative formalities.

Subhra Sankar

INTRODUCTION

As a part of our sem IV Curriculum in Botany we have visited botanically rich places in Bishnupur & went to Ranchi in Jharkhand for our excursion. Conducted by our department.

Field tours have great importance to know about plants, diversity of habitat, habit & morphological variation among plants. In our limited time we could study only a few of them. During our visit we have taken snaps of many of the common & important plants. Our teachers Dr. Shyamal Kanti Mallick & Dr. Sabyasachi Chatterjee guide us in the excursion & also help us to identify the plants. This report is a summary of the field trips.

EXCURSION

TO

BISHNUPUR AREA

Examined
Department of Botany
UG & PG
Ramchanda College
Bishnupur, Bankura

Examined
[Signature]



LOCAL EXCURSION → BISHNUPUR AREAS

On 11th, december, 2021, we went different areas under Bishnupur with Sir Dr. Shyamal kanti Mallick. The altitude of Bishnupur is ~~124m~~ 54 m. we reached college at 11:00 Am & then started Exploring the vegetation our teacher demonstrated the characteristic of the flora.

The Plants we observed, there are given below in the table :

Sl. No.	Name of the Plant	Family	Habitat.
1.	<u>Adina Cordifolia</u>	Rubiaceae	Deciduous Tree.
2.	<u>Aerva Lanata</u>	Amaranthaceae	Perennial herb.
3.	<u>Calotropis gigantea</u>	Apocynaceae	Shrub
4.	<u>Azadirachta indica</u>	Meliaceae	Tree
5.	<u>Ziziphus jujuba</u>	Rhamnaceae	A small thorny tree
6.	<u>Tectona grandis</u>	Lamiaceae	Hardwood tree.
7.	<u>Bridelia retusa</u>	Phyllanthaceae	A deciduous tree.
8.	<u>Gardenia gummifera</u>	Rubiaceae	Small tree
9.	<u>Plumeria acutifolia</u>	ApoCynaceae	A soft wooded erect tree.
10.	<u>Vernonia</u> Sp.	Asteraceae	Shrubs.

Sl.	Name of the Plant	Family	Habitat
11.	<u>Sida rhombifolia</u>	Malvaceae	Annual herb
12.	<u>Argemone mexicana</u>	Papaveraceae	Annual herb
13.	<u>Amaranthus viridis</u>	Amaranthaceae	Annual herb
14.	<u>Cleome rutidosperma</u>	Cleomaceae	herb
15.	<u>Cleome viscosa</u>	Cleomaceae	Annual herb.
16.	<u>Euphorbia hirta</u>	Euphorbiaceae	herb
17.	<u>Amaranthus spinosus</u>	Amaranthaceae	Annual herb
18.	<u>Acalypha indica</u>	Euphorbiaceae	Small annual herb
19.	<u>Solanum nigroum</u>	Solanaceae	Herb
20.	<u>Dactyloctenium aegyptium</u>	Poaceae	Annual herb
21.	<u>Barleria strigosa</u>	Acanthaceae	Un. Shrub.
22.	<u>Gymnema Sylvestre</u>	Apocynaceae	woody climbing shrub
23.	<u>Bixa orellana</u>	Bixaceae	Shrub or small tree.
24.	<u>Ricinus Communis</u>	Euphorbiaceae	robust shrub or small tree.
25.	<u>Mikania micrantha</u>	Asteraceae	Tropical vine
26.	<u>Oxalis corniculata</u>	oxalidaceae	Herb
27.	<u>Duranta erecta</u>	verbanaceae	Shrub.
28.	<u>Jatropha gossypifolia</u>	Euphorbiaceae	Erect shrub or small tree.
29.	<u>Aloe barbadensis</u>	Liliaceae	Succulent with a basal rosette in clumps.
30.	<u>Panthenium sp.</u>	Asteraceae	stout undershrub
31.	<u>Cassia Sophea</u>	Fabaceae	Shrub
32.	<u>Gomphrena celasioides</u>	Amaranthaceae	Perennial herb.



Pereskia daemia



Sida cordata



Oxalis stricta



Euphorbia hinta



Justicia gendarussa



Eleusine indica



Ipomoea pes-caprae



Eupatorium odoratum



Centella asiatica



Cassia Sophia



Doctyloctenium aegyptium



Mikania micrantha



Pergularia daemia



Eleusine indica

Duranta repens



Solanum nigrum



Gracilaria



Abutilon indicum



Amaranthus viridis



Amaranthus spinosus



Desmodium gangeticum



Ocimum tenuiflorum

EXCURSION TO RANCHI



Patratu, Jharkhand, India

8356850772 8356850772, Kodram, Patratu, Jharkhand

829119, India

Lat 23.610696°

Long 85.281952°

07/04/22 06:06 PM

Long Excursion to Ranchi 8→

We were excited when we heard that our teachers decided to take us to Ranchi, Jharkhand for excursion. Ranchi is the capital of the Indian State of Jharkhand. Ranchi town known for its enchanting environment, hills, beauty & dam. Ranchi is famous for its ethnic handicrafts & metal work, all of which are exhibited at Firayatal, one of the most popular shopping destinations for tribal souvenirs.

7th April, 2022

We started in the early morning of 7th April, 2022 towards Ranchi station by train from Bishnupur station. Our teachers Dr. Shyamal Kanti Mallick & Dr. Sabyasachi Chatterjee accompanied us. We reached Ranchi at 12:30 pm. We took possession of the hotel rooms we booked in advance by auto. After lunch & rest for a couple of hours we went to Patratnu forest. Patratnu Valley is located 40 km from the city of Ranchi is a beautiful valley.

The list of Plants we observed are given below :->

Sl. No	Name of the Plants	Family	Habitat
1.	<u>Alexandrian Senna</u>	Fabaceae	tree or shrub
2.	<u>Allamanda blanchetii</u>	Apocynaceae	Shrubby climber with milky latex shrub.
3.	<u>Calotropis gigantea</u>	Apocynaceae	Shrub
4.	<u>Duranta erecta</u>	verbenaceae	shrub
5.	<u>Nerium indicum</u>	Apocynaceae	Shrub or small tree
6.	<u>Tridax procumbens</u>	Asteraceae	Prostrate to ascending herb.

8th April, 2022

The next day we went to see the famous waterfalls near Ranchi at the morning 8:00 Am. we saw some waterfalls are Dassam falls, Jonha falls, Hundru falls etc.

The list of the Plants we observed are given below ->

Sl. No	Name of the Plants	Family	Habitat
1.	<u>Jacaranda nimosifolia</u>	Bignoniaceae	Tree
2.	<u>Combretum indicum</u>	Combretaceae	climbing shrub
3.	<u>Huberantha cerasoides</u>	Amoraceae	Tree
4.	<u>Amaranthus viridis</u>	Amaranthaceae	herb
5.	<u>Amaranthus dubius</u>	Amaranthaceae	Annual herb
6.	<u>Cassia tora</u>	Caesalpiniaceae	Annual foetid herb
7.	<u>Ficus geniculata</u>	Moraceae	Tree

S.No	Name of the Plants	Family	Habitat
8.	<u>Moringa</u> <u>celifera</u>	Moringaceae	Tree
9.	<u>Madhuca</u> <u>longifolia</u>	Sapotaceae	Tree
10.	<u>Diospyros</u> <u>melanoxylon</u>	Ebenaceae	Tree
11.	<u>Diospyros</u> <u>montana</u>	Ebenaceae	Small deciduous tree
12.	<u>Acacia</u> <u>arabica</u>	Fabaceae	Tree
13.	<u>Shorea</u> <u>robusta</u>	Dipterocarpaceae	Tree
14.	<u>Sida</u> <u>acuta</u>	Malvaceae	Shrub
15.	<u>Tectona</u> <u>grandis</u>	Verbinaceae	Tree
16.	<u>Ziziphus</u> <u>mauritiana</u>	Rhamnaceae	Tree
17.	<u>Butea</u> <u>monosperma</u>	Fabaceae	Tree
18.	<u>Ficus</u> <u>religiosa</u>	Moraceae	Tree
19.	<u>Mangifera</u> <u>indica</u>	Anacardiaceae	Tree
20.	<u>Ziziphus</u> <u>jujuba</u>	Rhamnaceae	Small thorny tree
21.	<u>Delonix</u> <u>elata</u>	Caesalpiniaceae	Erect Tree
22.	<u>Santalum</u> <u>album</u>	Santalaceae	Tree
23.	<u>Schleichera</u> <u>oleosa</u>	Spindaceae	Tree
24.	<u>Tabernaemontana</u> <u>divinicata</u>	Apocynaceae	Shrub or small tree
25.	<u>Colebrookea</u> <u>oppositifolia</u>	Lamiaceae	Shrub.

9th April, 2022

We return home by train.




 Malghonghsa, Jharkhand, India
 CMV0+PMV, Malghonghsa, Jharkhand 835101, India
 Lat 23.44087°
 Long 85.698327°
 08/04/22 01:29 PM


Huberantha cerasoides





Hubermantha cerasoides



Colebrookella oppositifolia



Jacaranda mimosifolia

Examined
 Ser 14/08/2022
 V. Chellappa
 14/7/22

Geography

Environmental perception Survey

Sl. No	Name	Roll. No	Date & Place
1	Ramesh Roy	209	24/05/2022 KATJURIDANGA, BANKURA,
2	Sainik Bauri	208	24/05/2022 KATJURIDANGA, BANKURA
3	Dipesh Saha	1171	28/04/2022-02/05/2022 Buxa Forest Region
4	Suman Dey	199	28/04/2022-02/05/2022 Buxa Forest Region
5	Souvik Manna	212	28/04/2022-02/05/2022 Buxa Forest Region
6	Rana Chakraborty	190	24/05/2022 KATJURIDANGA, BANKURA
7	Ishika Haldar	195	19/05/2022 SARENGA, BANKURA
8	Chaitali Barat	1169	28/04/2022-02/05/2022 Buxa Forest Region
9	Reeka Dutta	1170	28/04/2022-02/05/2022 Buxa Forest Region
10	Sindhiya Das	213	28/04/2022-02/05/2022 Buxa Forest Region
11	Rachana Karmakar	1168	28/04/2022-02/05/2022 Buxa Forest Region
12	Soumi Kesh	207	28/04/2022-02/05/2022 Buxa Forest Region
13	Abhinandan Banerjee	186	28/04/2022-02/05/2022 Buxa Forest Region
14	Riya De	193	28/04/2022-02/05/2022 Buxa Forest Region
15	Pallabi Middy	194	28/04/2022-02/05/2022 Buxa Forest Region
16	Chandrika Betal	192	28/04/2022-02/05/2022 Buxa Forest Region
17	Mahamud Hassan Mandal	206	28/04/2022-02/05/2022 Buxa Forest Region
18	Ambika Lohar	185	28/04/2022-02/05/2022 Buxa Forest Region
19	Neha Nag	198	28/04/2022-02/05/2022 Buxa Forest Region



Head
 Department of Geography
 Ramananda College
 Bishnupur, Bankura

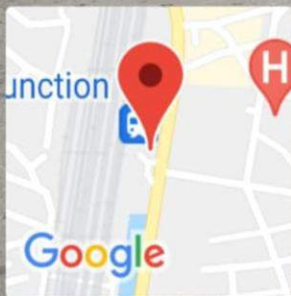
FIELD SURVEY
Students List of Buxa Forest Region - 28.04.2022 to 02.05.2022

Sl. No.	Name	Roll. no.	Date and Place
1	BRISTI ROY	162	<p style="text-align: center;">28/04/2022-02/05/2022</p> <p style="text-align: center;">Buxa Forest Region</p>
2	ANJAN KUNDU	163	
3	MOSIUR SHEIKH	164	
4	PRIYANKA KHATUN	165	
5	PURNIMA RAY	166	
6	MANISHA HEMBRAM	169	
7	SANU PRATIHAR	170	
8	SWARUP ROY	171	
9	SUDIP GHOSH	173	
10	SUMANTA TUDU	174	
11	SUBHAJIT CHOUDHURY	175	
12	JICO AICH	177	
13	ANKITA KUNDU	178	
14	SUBRATA KARMAKAR	179	
15	SAHANAJ PARVIN MALLICK	180	
16	SUBHADIP BARI	182	
17	SOLMITRA MANDAL	1011	
18	RUPAK ADHIKARI	249	




 Head
 Department of Geography
 Ramananda College
 Bishnupur, Bankura

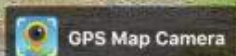
FIELD SURVEY
Buxa Forest Region - 28.04.2022 to 02.05.2022



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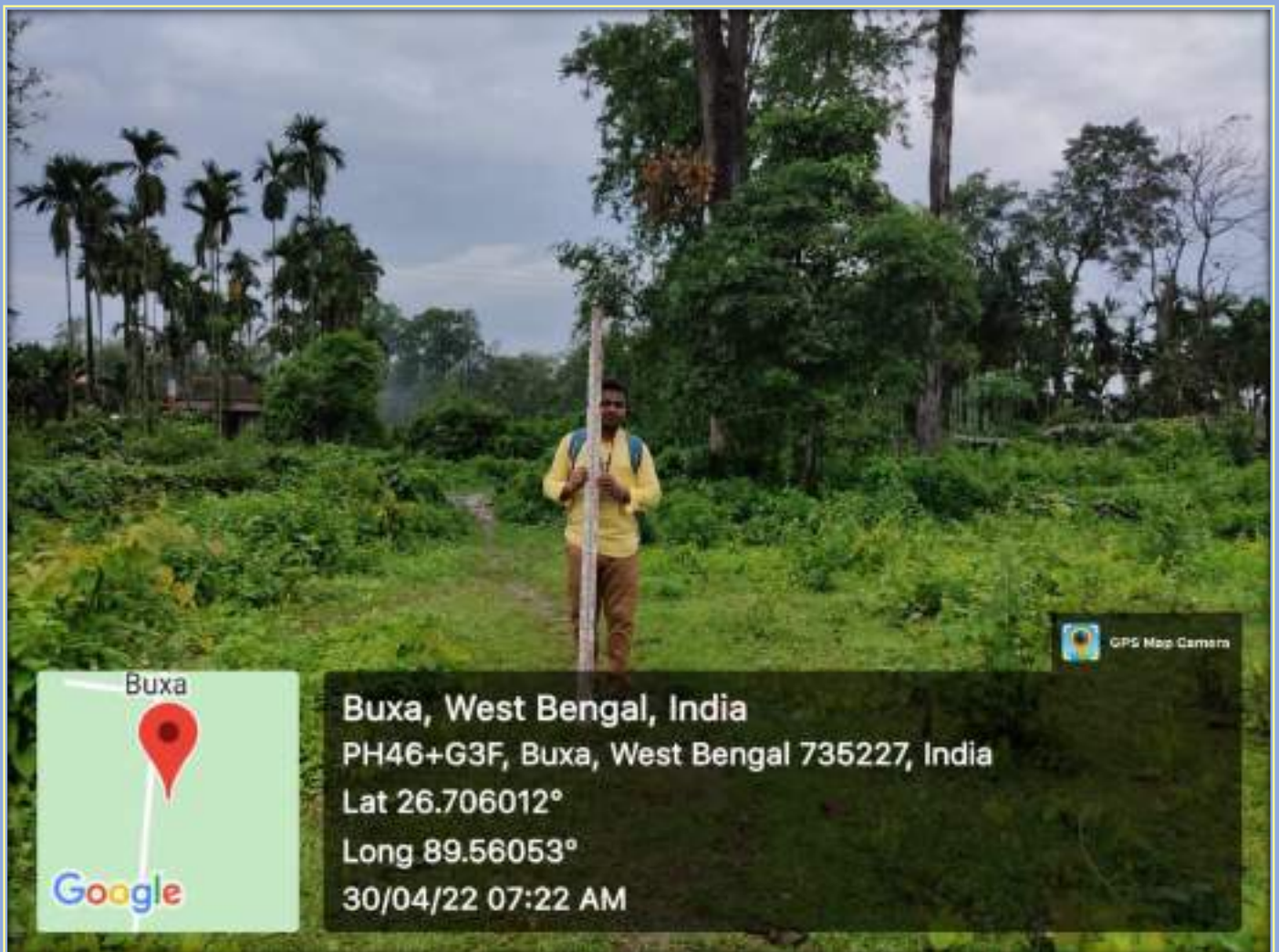
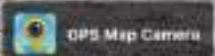


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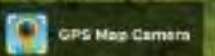


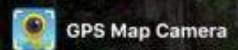


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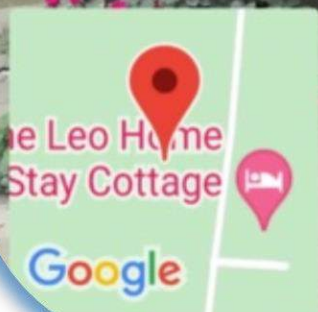
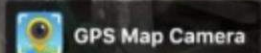


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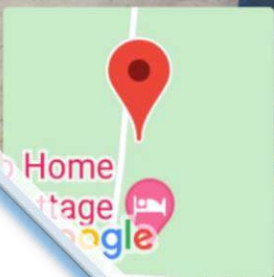




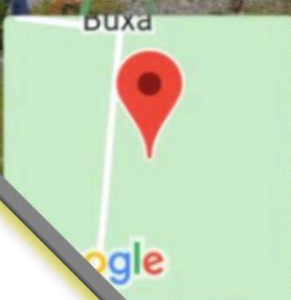
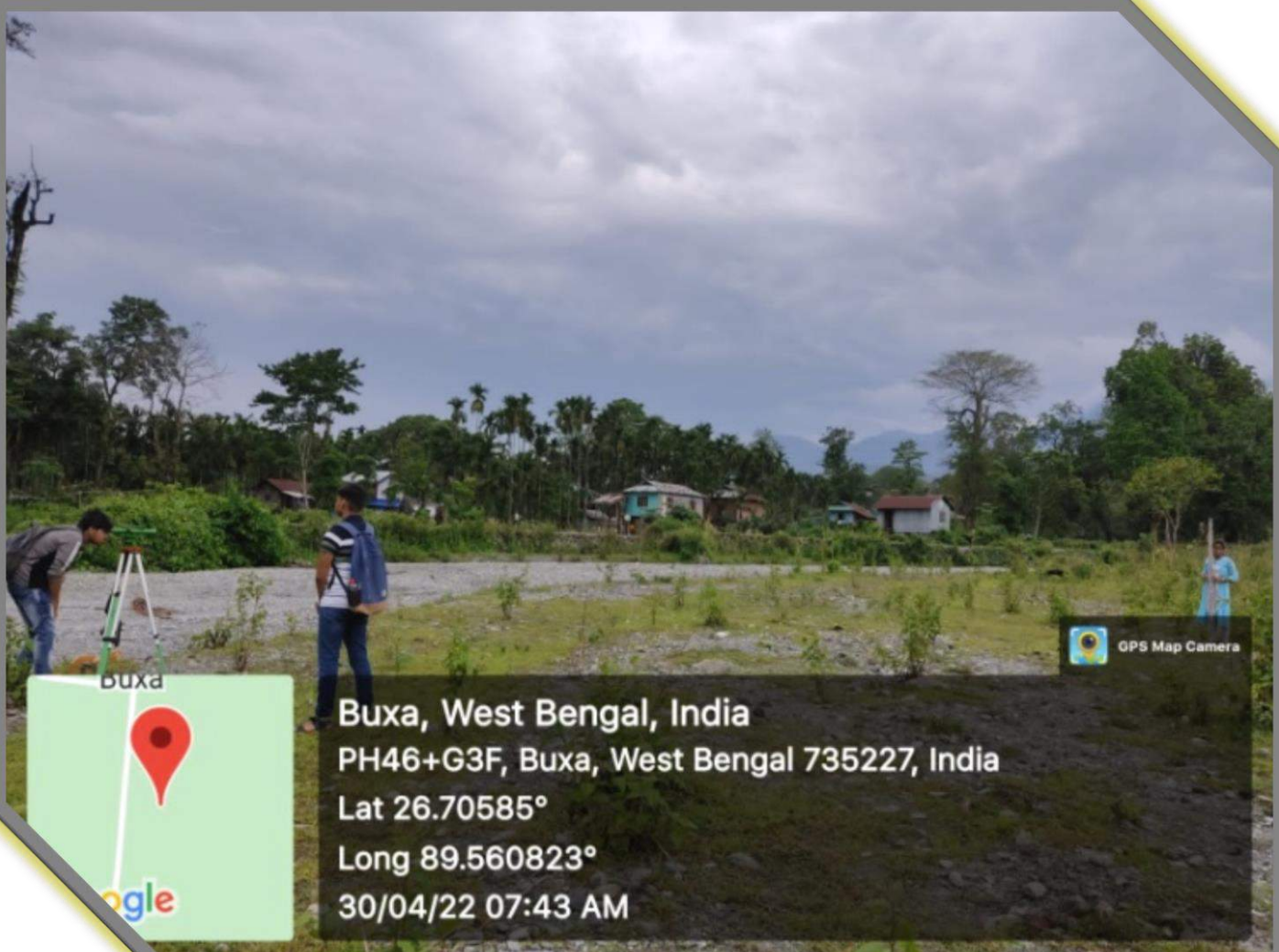
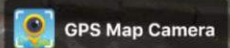
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Lat 26.703477°
Long 89.560817°
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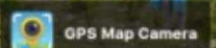
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PH35+VV3, Buxa, West Bengal 735227, India
Lat 26.704442°
Long 89.559057°
29/04/22 05:13 PM



Buxa, West Bengal, India
PH35+VV3, Buxa, West Bengal 735227, India
Lat 26.705183°
Long 89.56038°
29/04/22 05:41 PM



Buxa, West Bengal, India
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Lat 26.70585°
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FIELD SURVEY

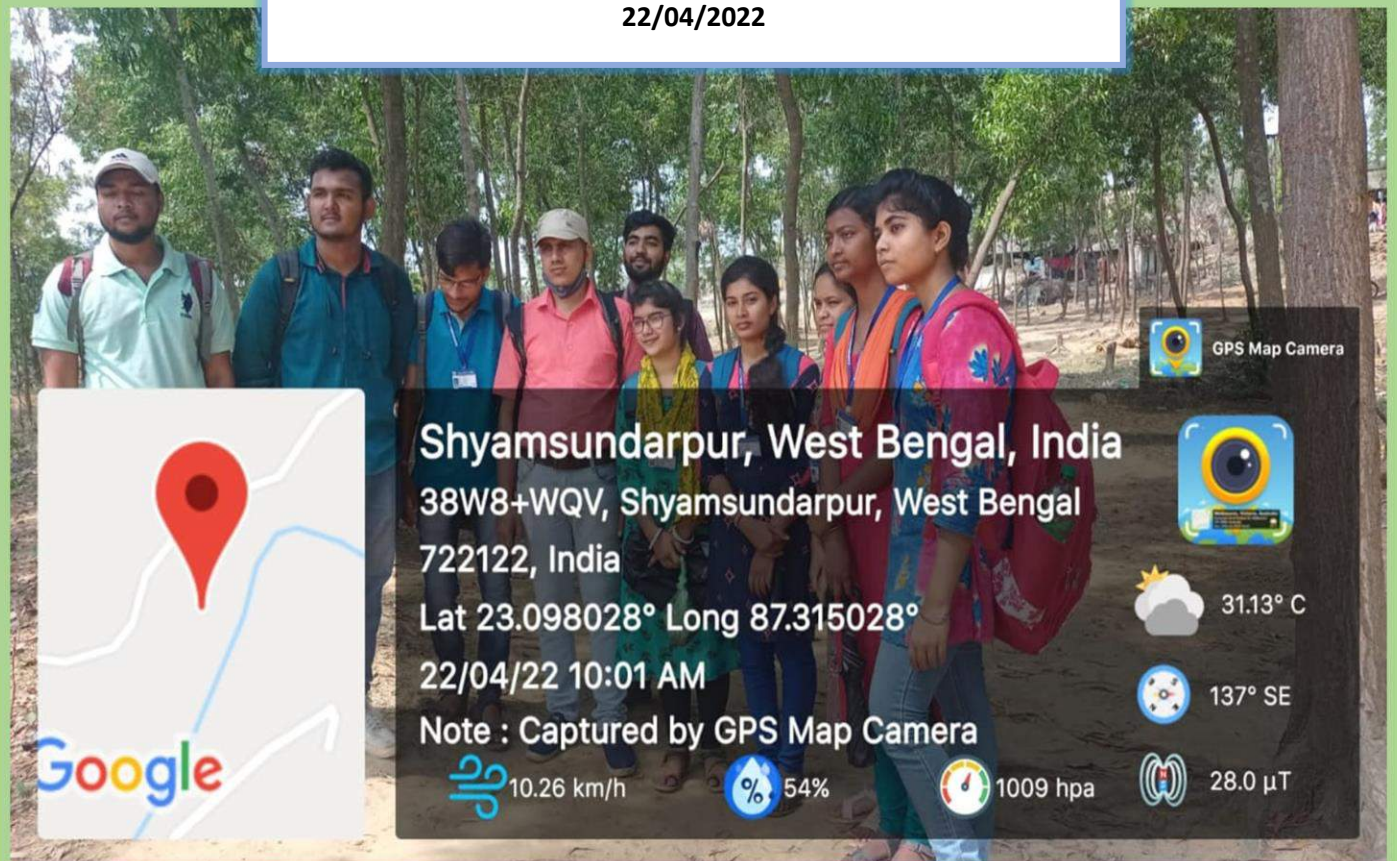
Environmental impact Assessment Dwarika Industrial Region -22/04/2022

Sl. No	Name	Roll. No	
1	Ramesh Roy	209	22/04/2022 DWARIKA, BANKURA
2	Sainik Bauri	208	
3	Dipesh Saha	1171	
4	Suman Dey	199	
5	Souvik Manna	212	
6	Rana Chakraborty	190	
7	Ishika Halder	195	
8	Chaitali Barat	1169	
9	Reeka Dutta	1170	
10	Sindhiya Das	213	
11	Rachana Karmakar	1168	
12	Soumi Kesh	207	
13	Abhinandan Banerjee	186	
14	Riya De	193	
15	Pallabi Middya	194	
16	Chandrika Betal	192	
17	Mahamud Hassan Mandal	206	
18	Ambika Lohar	185	
19	Neha Nag	198	



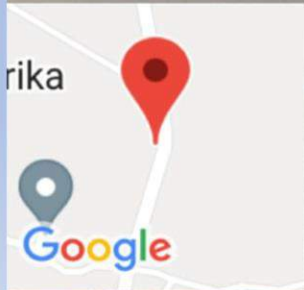
Srhash
22/04/2022
Head
Department of Geography
Ramananda College
Bishnupur, Bankura

Environmental impact Assessment Dwarika Industrial Region -
22/04/2022





GPS Map Camera



Dwarika, West Bengal, India

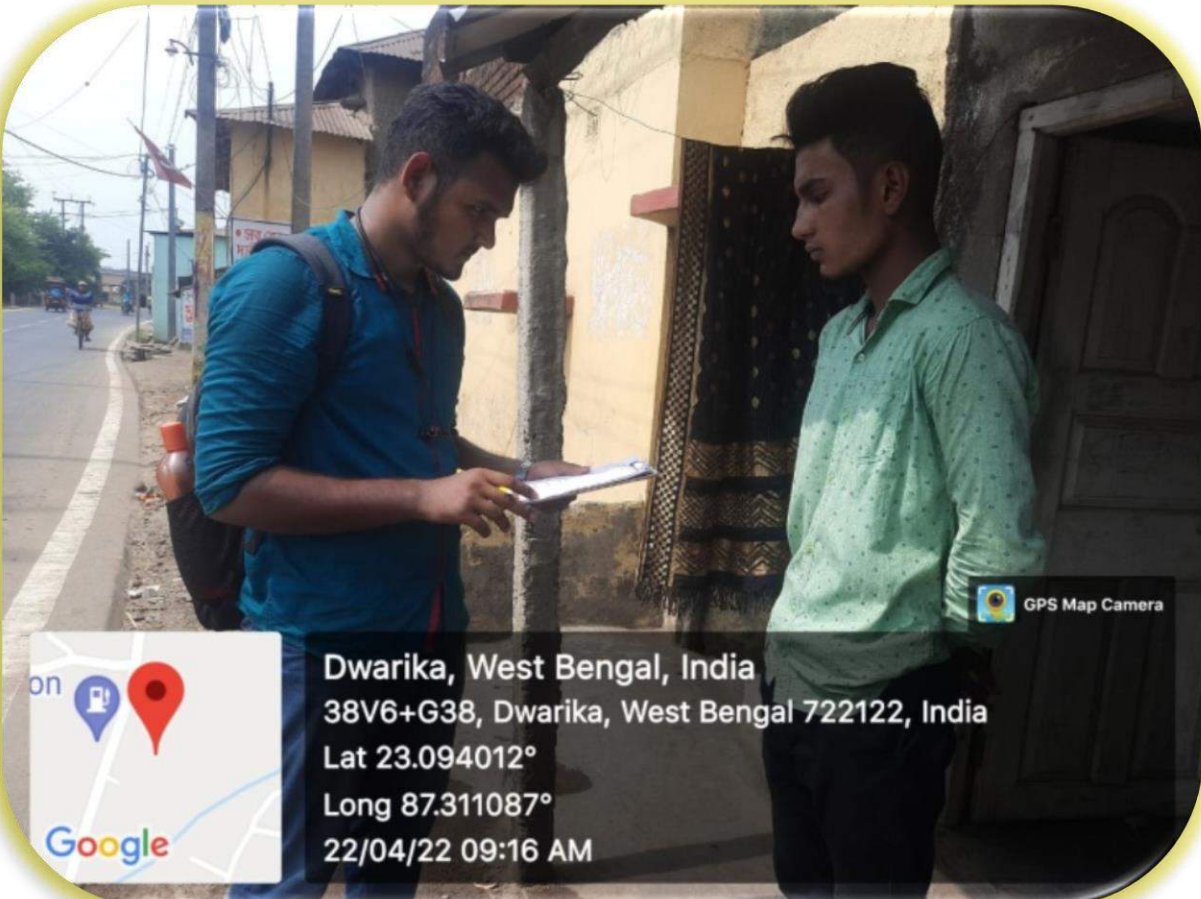
4826+3P6, Dwarika, West Bengal

722147, India

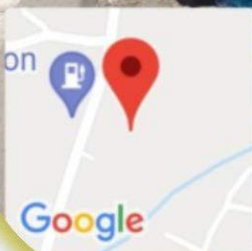
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Long 87.311513°

22/04/22 10:37 AM



GPS Map Camera



Dwarika, West Bengal, India

38V6+G38, Dwarika, West Bengal 722122, India

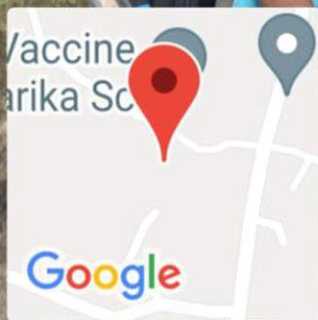
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GPS Map Camera



Dwarika, West Bengal, India

38X5+8WF, Dwarika, West Bengal 722147, India

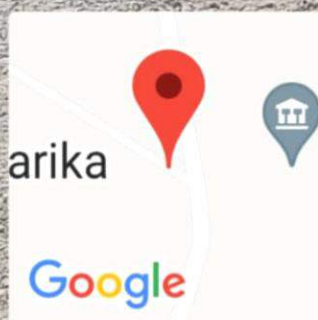
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Dwarika, West Bengal, India

4826+6HW, Dwarika, West Bengal 722147, India

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Long 87.311178°

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Minutes of the Boards of Studies/ Academic Council meetings with approvals for these courses



BANKURA UNIVERSITY

(West Bengal Act XIX of 2013- Bankura University Act, 2013)

Main Campus, Bankura Block-II, P.O.: Purandarpur, Dist.: Bankura, Pin- 722155, West Bengal

Office of the Council for Undergraduate Studies in Arts & Science Bankura University

NOTIFICATION

The Admission Committee for Under-Graduate Studies of Bankura University in its meeting dated 20.07.2020 and the meeting with all the Principal/OIC/TIC of the colleges affiliated under Bankura University dated 25.07.2020 have approved the said recommendations for implementation/execution in the undergraduate colleges for admission procedures in the session 2020-2021. The recommendation pertaining to admission related different issues are as follows:

Choice Based Credit System:

1. Choice Based Credit System will be maintained for the academic session 2020-2021.

Procedure of Admission:

1. Necessary advertisement for on-line admission to the undergraduate course(s) for the academic year 2020-2021 will be made by the respective undergraduate colleges of their own. Online admission will be made w.e.f 10th August, 2020 and be completed by 21st September, 2020. The colleges will provide a helpline (Time specific) in their website in this regard.
2. The entire admission process should be made online.
3. Documents to be uploaded by the students while filling up the online application:
 - a. Admit card and Mark-sheet of Madhyamik Examination.
 - b. Mark-sheet of Higher Secondary Examination.
 - c. Caste Certificate (where necessary).
 - d. PH Certificate (where necessary).

4. All orders & notifications issued by the State Government and G.O. N.O. 434-Edn(CS)/10M-95/14 dated 16.07.2020 are applicable in matters of admission and reservation rules.

Eligibility:

a. Honours Degree Course: All candidates who have obtained at least 45% marks in 10+2 examination are eligible to apply for the Honours Degree Course.

b. Programme Course: All pass candidates are eligible to apply for the General Degree course.

N.B.:

1. Only Students who have passed with Mathematics as one of the subjects at the Class XII level are eligible for admission to B.Sc. Honours Course in Economics and Computer Science.
2. Only Students who have passed with Chemistry as one of the subjects at the Class XII level are eligible for admission to B.Sc. Honours Course in Microbiology and Nutrition.
3. The Candidates who have passed the Vocational Course at 10+2 examination are eligible for admission to B.A. (General)/ B.Com. (Honours & General).
4. In case of equal marks in H.S. results, total marks/percentage of marks of immediately preceding examination is to be taken into account for ranking.
5. Best five (5) of the H.S. Subjects must be adopted for calculating the total marks and percentage.

Reservation of Seats:

Reservation of seats will be made as per norms of the West Bengal Government-SC (22%), ST (06%), OBC-A (10%), OBC-B (7%), differently abled candidates 3% of each category (GEN/SC/ST/OBC-A/ and OBC-B). For differently-abled candidate minimum disability of at least 40% will be considered.

Session Gap:

For admission to the Under Graduate Course, there should not be a gap of more than 3 years between the year of Higher Secondary Examination and the year of admission to Under Graduate

Course of study i.e 2018, 2019, and 2020. In respect of calculation of marks, no deduction should be made in case of candidates passing out in previous years.

Intake:

The intake capacity of the subjects will be noticed later on.

Vocational Course:

Students who have passed Vocational Engineering and Technology (with pass marks in Mathematics) equivalent to 10+2 are eligible for admission to Computer Science and in Pure Science or Arts in the General Course in the First Semester. Those who have passed without Mathematics or without securing pass marks in Mathematics are eligible for admission to Arts in the General Course.

Students who have passed Vocational Agriculture equivalent to 10+2 are eligible for admission to Science or Arts in the General Course.

Students who have passed Vocational Business and Commerce equivalent to 10+2 are eligible for admission to Commerce or Arts and Commerce (Honours).

Students who have passed Vocational Home Science equivalent to 10+2 are eligible for admission to Arts in the General Course.

Students who have passed in the Vocational Course are eligible to First Semester in the subject concerned in the college in 10% seats out of total number of seats on the basis of highest marks scored. In this case, they will have to score higher marks than the lowest marks scored by a candidate from the general board appearing in the list of successful candidates.

For BCA (Hons.) :

- i) The candidate must be Indian National.
- ii) Candidates must have passed the Higher Secondary Examination of West Bengal Council / I.S.C. Examination / C.B.S.E. Examination / Any other equivalent Examination each under (10+2) system of studies, as the case may be, with English as one of the combination subjects.
- iii) Passed H.S. (10+2) with any one the following subjects:

Mathematics / Statistics / Computer Science / Computer Application / Business Economics & Mathematics (BEM) or Candidates passed in (10+2) level with Vocational Engineering & Technology with pass marks in Additional Mathematics.

- iv) Arts / Science / Commerce graduates passing the respective degree examination (not earlier than 5 years) may also apply for being considered against very limited number of seat(s).

For BBA (Hons.):

- i) The candidate must be Indian National.
- ii) Candidates must have passed the Higher Secondary Examination of West Bengal Council / I.S.C. Examination / C.B.S.E. Examination / Any other equivalent Examination each under (10+2) system of studies, as the case may be, with English as one of the combination
- iii) Students of any stream (Science, Arts, Commerce, Vocational etc.) are eligible to apply.
- iv) Arts / Science / Commerce graduates passing the respective degree examination (not earlier than 5 years) may also apply for being considered against very limited number of seat(s).

Change of Subjects:

Internal change of subjects will be completed before the date of starting the enrolment process.

The Principal/O.I.C/T.I.C of the undergraduate colleges concerned is being informed accordingly and requested to follow the guidelines framed by the University in this regard strictly.

Sd/-
Secretary (Addl. Charge)
Council for U.G. Studies in Arts & Science

FINAL REGULATIONS OF M.A. (CBCS)
(TWO YEAR SEMESTER SYSTEM)

w.e.f.

SESSION 2016-18



BANKURA UNIVERSITY

BANKURA

WEST BENGAL

PIN 722155

REGULATIONS FOR M.A.

1. PREAMBLE:

M.A. Programme is meant for candidates desirous of pursuing post-graduate programme in Arts. This post-graduate programme would comprise theoretical courses and practical courses. Theoretical courses include core, major elective, minor elective (interdisciplinary choice based), compulsory foundation, and elective foundation. Practical courses consist of practicals of different departments. In addition, research work (where applicable) in the form of a dissertation would form an essential part of the programme. Depending on the actual design and declared objectives, the programme provides opportunities for students to extend as well as deepen their knowledge and understanding.

2. DEFINITIONS:

In these Regulations, unless the context otherwise requires

- a. 'Departmental Committee' means the Committee of different departments comprising of full-time faculty members of the respective departments constituted under these Regulations;
- b. 'Academic Session' means four consecutive (two odd + two even) Semesters;
- c. 'Choice Based Credit System' (CBCS) provides choice for students to select from the prescribed courses as offered by the University.
- d. 'Course' is a component of a programme. All courses need not carry the same weightage. Courses define learning objectives and learning outcomes. A course may be designed to comprise lectures / tutorials / clinical work / field work / outreach activities / project work / vocational training / viva voce / seminars / term papers / assignments / presentations etc. or a combination of some of these.
- e. 'Core course' means a course that the student admitted to a particular programme must successfully complete to receive the Degree and which cannot be substituted by any other course. For this purpose, all courses other than Specialization / Choice Based Electives, are considered as Core courses.

- f. According to 'Credit Based Semester System' (CBSS) a student needs to obtain credits as specified by the university from time to time for the award of a degree.
- g. 'Credit Point' is calculated on the basis of grade points and number of credits for a course obtained by a student.
- h. 'Cumulative Grade Point Average' (CGPA) is a measure of overall cumulative performance of a student in all semesters. The CGPA is the ratio of total credit points secured by a student in various courses in all semesters and the sum of the total credits of all courses in all the semesters. It is calculated up to two decimal places.
- i. 'Elective Course' means a course other than a core course. Elective course may be 'Generic Elective' focusing on disciplines which may add generic proficiency to students or 'Discipline Centric Elective' which enables students to achieve proficiency in a specialized discipline or 'Open Elective' which may be chosen from an unrelated discipline.
- j. 'Grade Point' is the numerical weightage allotted to each 'letter grade' on a ten point scale.
- k. 'Letter Grade' is an index of the performance of students in a course. Grades are denoted by letters O, A+, A, B+, B, C, P, F, and Absent will be stated as 'Ab'.
- l. 'Programme' means the Masters programme conducted by the Bankura University.
- m. 'Semester Grade Point Average' (SGPA) is a measure of performance of work done in a semester. It is the ratio of total credit points secured by a student in various courses prescribed in a semester and the total course credits obtained during that semester. It shall be calculated up to two decimal places.
- n. "Semester" means 15 weeks of academic work following a five days week pattern. The odd semester commences in July and ends in December and the even semester commences in January and ends in June.
- o. 'Grade Card' based on grades obtained shall be issued to all the registered students after every semester. The grade card will display the details of courses studied (code, title, number of credits, grade secured) along with SGPA of that semester and CGPA.

3. GENERAL OBJECTIVES:

The curriculum is designed to achieve the following general objectives of the M. A. Programme-

- i) To impart specialized knowledge and understanding about the courses.
- ii) To develop ability to understand the knowledge and to guide the learners to learn efficiently and effectively.
- iii) To impart knowledge and understanding of the process of research and skill in conducting research in specialized areas.
- iv) To develop critical thinking among students pertaining to issues related to the programme.
- v) To understand and use formal and informal assessment strategies to evaluate and ensure the continuous physical, intellectual and social development of the students.
- vi) To generate awareness and understanding of some specialized areas.

4. ACADEMIC SESSION:

- i) The academic session shall be of two years duration consisting of four semesters.
- ii) The academic session normally shall start in July in each year.
- iii) There shall be at least 75 teaching days in each semester excluding periods of examination and admission etc. for instruction, field work and dissertation
- iv) Two weeks preparatory leave shall be provided before each Semester examination.

5. ACADEMIC CALENDER:

- i) The academic calendar shall be published for each Semester prior to commencement of the Semester.

- ii) The calendar shall include dates of all important events, commencement of classes, holidays, days of teaching and assessment, preparatory leave, dates of examinations, semester break etc.
- iii) The calendar shall also indicate the date of commencement of classes in the next Semester.

6. INTAKE:

- i) As fixed by the University Authority from time to time.

7. ELIGIBILITY:

- i) General candidates who have obtained at least 45% marks in undergraduate (Hons) degree and SC, ST, OBC-A, OBC-B, and differently-abled candidates who have obtained 40% marks in undergraduate (Hons) degree from a UGC recognized university.
- ii) There will be reservation of seats for SC/ST/OBC/differently-abled candidates as per Govt. Rules. For differently-abled candidate minimum disability up to 40% will be considered.
- iii) For admission to the M.A. Course there should not be a gap of more than three (3) years between the year of Graduation and the year of admission to M.A. course of study. In respect of calculation of marks for admission to M.A. course a deduction of 1% percent per year from the marks of Hons. subject would be made in case of candidates passing out in previous years.

8. ADMISSION PROCEDURE:

- i) The selection of candidates will be based on total merit point of Honours degree. If this is same in case of more than one candidate, the result of the immediate preceding examination of such candidates will be considered.

9. FEES:

As notified by the University Authority from time to time

10. ATTENDANCE:

- i) 75% attendance is mandatory for appearing in the examination in each Semester.

11. EXAMINATION & EVALUATION:

- a. A candidate shall be eligible for appearing at any of the Semesters of P.G. Examination, fulfilling the following two essential conditions:
 - Minimum 75% attendance of lectures delivered.
 - Students should complete internal assessments
- b. The evaluation of the students shall be a continuous process and shall be based on their performances in Assignment, Assessment, and the End-Semester Examination.
- c. The final performance in a course means the total or aggregate of the marks obtained in internal assessment evaluation and the marks obtained at the End-Semester Examination (Theoretical & Practical) including Assignment.
- d. There shall be one written and one practical examination (where applicable) at the end of each semester as per the prescribed syllabus in the subject concerned.
- e. There shall be no qualifying marks for internal assessment but the candidates shall have to appear at the said part of the examination.
- f. The qualifying marks for each course shall be 40% in each Semester.
- g. The provisional result of each semester will be published stating only the total SGPA obtained by a candidate and the 'Grade Card' would be issued showing the details of courses studied (code, title, number of credits, grade secured) along with SGPA of that semester and CGPA of all the semesters.
- h. If a candidate fails to secure qualifying (pass) marks in one paper or more in a particular semester examination his/her result of semester examination will be declared as 'SNC' (i.e., Semester Not Cleared). Final Semester result will be withheld till other Semester/Semesters is/are cleared.
- i. There will be no scope of re-appearing in internal assessment examination.
- j. Marks awarded in internal assessment will be credited to a candidate's performance in subsequent chances.

- k. To qualify for position in the merit list a candidate shall have to pass all the semesters in his/her regular chances.
- l. A candidate shall have to complete each semester examination with 3 (three) consecutive chances including his/her first appearance in the concerned semester examination. If any of the chances mentioned above is not availed of by a candidate within the stipulated period, the chance shall be deemed to have lapsed.
- m. The student will automatically move to the next and subsequent semester immediately after completion of one semester course irrespective of the performance at the last examination provided She / he has appeared in the preceding semester examinations or filled up the form for previous semester examinations and completed internal assessment.
- n. The result of 4th semester examination shall be kept withheld unless a candidate clears all the semesters within the stipulated chances. She / he would be declared to have passed the final examination in the year in which she / he clears his/her all semesters. promote
- o. In case of Compulsory Foundation Course the grade will be awarded on the basis of satisfactory / unsatisfactory performance of the examinee. The minimum marks to be obtained for satisfactory grade is 30%.
- p. Practical examinations are to be decided by the departments concerned.
- q. The schedule for the End-Semester Examination shall be prepared and announced
- r. by the Controller of Examinations. Except for exigencies, all the examinations shall usually be held within the dates specified in the academic calendar.
- s. Names of the paper-setter (one internal and one external), examiner (internal) of each subject, and moderator (one external for each semester) shall be recommended by the Post Graduate Board of Studies and approved by the Vice-Chancellor.
- t. **Question pattern:** Department Concern

u. Duration of Examinations:

Subjects	Full Marks	Duration
Theoretical Paper	40	2 Hour
Theoretical Paper	30	1 Hour 30 Minutes
Practical Paper	40/10	Department concern

12. AWARD OF DEGREE:

- (a) The final result of a candidate shall be determined on the basis of CGPA .
- (b) Grade Card shall be made as per grading system. Course-wise marks (internal and ESE added together) will be converted into percentage of mark. Percentage of mark will be converted into Grade Letter and Grade Point. Credit and Grade point will be converted into Credit Point. Finally, Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA) will be computed.
- (c) The Grade Card of a Semester shall be issued only after completion of that Semester.
- (d) **For the session 2016-18: Grading and marking system will be followed**

% of Marks	Letter Grade	Grade Point
90 and Above	O (Outstanding)	10
75-89	A ⁺ (Excellent)	9
65-74	A (Very Good)	8
55-64	B ⁺ (Good)	7
50-54	B (Above Average)	6
45-49	C (Average)	5
40-44	P (Pass)	4
Below 40	F (Fail)	0
Absent	Ab	0

(e) From the session 2017-19: Only Grading System will be followed

a) Conversion of Marks into grade letter and grade point

% of Marks	Letter Grade	Grade Point
91 and Above	O (Outstanding)	10
81 - 90	A ⁺ (Excellent)	9
71 - 80	A (Very Good)	8
61 - 70	B ⁺ (Good)	7
56 - 60	B (Above Average)	6
51 - 55	C ⁺ (Average)	5.5
41 - 50	C (Below Average)	5
Passed with 40	P (Pass)	4
Below 40	F (Fail)	0
Absent	Ab	0

b) Computation of SGPA

Example:

Course	Credit	Grade Letter	Grade Point	Credit Point
Course 1	3	A	8	3×8=24
Course 2	4	B ⁺	7	4×7=28
Course 3	3	B	6	3×6=18
Course 4	4	B	6	4×6=24
: TOTAL	14			94

SGPA: $94/14 = 6.71$

c) Computation of CGPA

Example:

	Semester 1	Semester 2	Semester 3	Semester 4
Credit	14	16	15	14
SGPA	6.7	6.3	6.6	6.7
Credit×SGPA	14 ×6.7= 94	16×6.3= 101	15×6.6= 99	14×6.7= 94

$$\text{CGPA: } 388 (94+101+99+94)/59 (14+16+15+14) = 6.57$$

d) Conversion of SGPA/CGPA into Percentage of Marks: Ten (10) times of SGPA/CGPA

E) Final Result / Grades Description

Semester GPA / Program CGPA	Alpha-Sign / Letter Grade	Result / Class Description
9.00-10.00	O (Outstanding)	Outstanding
8.00-<9.00	A+ (Excellent)	First Class Exemplary
7.00-<8.00	A (Very Good)	First Class Distinction
6.00-<7.00	B+ (Good)	First Class
5.50-<6.00	B(Above Average)	High Second Class
5.00-<5.50	C (Average)	Second Class
4.00-<5.00	P (Pass)	Pass Class
Below 4.00	SNC	SNC
0	SNC	SNC

13. RULES FOR REVIEW:

- i) Candidates seeking review may apply to the University in a prescribed form along with requisite fees within 7 working days from the date of issue of Grade Card subject to the following conditions:
 - a) Application for review shall be restricted to theoretical papers only,

- b) Maximum two (2) theory papers in any semester examination may be re-examined on request by the examinee subject to the condition that she / he secures a minimum of 40% marks in the rest of theory papers.

14. TERMINATION FROM THE PROGRAMME:

If a student newly admitted to the first semester remains absent from attending classes for more than the first 15 days continuously without any intimation, her/his admission will stand cancelled.

In case any dispute that may arise in connection with the above regulations, the decision of the University Authority shall be final and binding. Further the University Authority shall have the right to change any of these regulations, as may be necessary from time to time.

Extract of affiliating University Curriculum having project work / field work / internship

1. Bengali
2. Botany
3. Education
4. Geography
5. History
6. Zoology

Bengali

Extract from Bankura University Syllabus

BANKURA UNIVERSITY

DEPARTMENT OF BENGALI



MASTER OF ARTS

BENGALI

(Effective from Academic Year 2019-20)

PROGRAMME BROCHURE

This course will give scope enough to the students to get familiar with old and medieval Bengali texts along with an understanding of the literary genres, contribution of individual authors and the philosophical-aesthetic paradigm of the time.

- একক-১ : হাজার বছরের পুরাণ বাংলা ভাষায় বৌদ্ধগান ও দোহা : (কা আ তরুণ, ভবণই গহণ গম্ভীর বেগে বাহী, সোনে ভরিতী করুণা নাবী, নগর বাহিরিহেঁ ডোম্বী তোহোরি কুড়িয়া, উঁচা উঁচা পাবত তঁহি বসই সবরী বালী, টালত ঘর মোর নাহি পড়বেষী) - হরপ্রসাদ শাস্ত্রী (বঙ্গীয় সাহিত্য পরিষৎ)
- একক-২ : শ্রীকৃষ্ণকীর্তন - বসন্ত রঞ্জন রায় সম্পাদিত (জন্ম খন্ড, নৌকা খন্ড, বংশী খন্ড, রাধা বিরহ)
- একক-৩ : চণ্ডীমঙ্গল(আখ্যটিক খণ্ড) - মুকুন্দ চক্রবর্তী (রবিরঞ্জন চট্টোপাধ্যায় সম্পাদিত)
- একক-৪ : বৈষ্ণব পদাবলী - সুকুমার সেন সম্পাদিত (সই কেবা শুনাইল শ্যাম নাম, কুলমরিয়াদ কপাট উদঘাটলু, নন্দ নন্দন চন্দ চন্দন, আমার শপতি লাগে, কি কহব রে সখি আনন্দ ওর, শুনলহুঁ মাথুর চলব মুরারি)

কোর কোর্স : ১০৫

প্রাচীন ও মধ্যযুগের বাংলা সাহিত্যের আর্থ-সামাজিক-রাজনৈতিক-ধর্মীয় পটভূমি

(E1=40, E2=10, E1+E2=50, Class: 4 hrs./Week, Credit = 4)

Objectives:

Literature can't be separated from various social, political, economic & religious background. That is why, it is highly essential to introduce students with the background (socio historical and economical) of Bengali Literature. This course has been designed to fulfil the motto. The course introduces the students to the political and economic history of Bengal from 9th/10th century to present time.

Course learning outcomes:

The course will enable the students to historicize and contextualize a particular text so that they can comprehend the complexity which made the production of that particular text possible.

- একক-১ বাংলার আর্থ-সামাজিক-রাজনৈতিক-ধর্মীয় ইতিহাস : দশম-দ্বাদশ শতাব্দী
- একক-২: বাংলার আর্থ-সামাজিক-রাজনৈতিক-ধর্মীয় ইতিহাস : ত্রয়োদশ-পঞ্চদশ শতাব্দী
- একক-৩: বাংলার আর্থ-সামাজিক-রাজনৈতিক-ধর্মীয় ইতিহাস : ষোড়শ শতাব্দী
- একক-৪: বাংলার আর্থ-সামাজিক-রাজনৈতিক-ধর্মীয় ইতিহাস : সপ্তদশ-অষ্টাদশ শতাব্দী

Paper Code: 106CF

COMPULSORY FOUNDATION COURSE

(E1=50, Credit = 1)

Communicative Skill and Personality Development

বাঁকুড়া বিশ্ববিদ্যালয়

বাংলা বিভাগ



সাম্মানিক স্নাতক পাঠ্যক্রম
(২০১৭-২০১৮ শিক্ষাবর্ষ থেকে প্রযোজ্য হবে)

মোট নম্বর: ১৩০০

মোট সেমিস্টার ০৬

সেমেস্টার ১

(LA-10, ESE-40, TOTAL-50)

AHBNG-101C-1

বাংলা সাহিত্যের ঐতিহ্য

একক ১ : চর্যাঙ্গীতি (পদ সংখ্যা - ১,২,৫,৬,৮,১০,২০,২৬,২৮,৩৩,৪০)

একক ২ : শ্রীকৃষ্ণকীর্তন (জন্মখন্ড, নৌকাখন্ড, বংশীখন্ড ও রাধাবিরহ) - বড়ু চণ্ডীদাস

একক ৩ : অন্নদামঙ্গল (অন্নদার ভবানন্দভবনে যাত্রা পর্যন্ত) - ভারতচন্দ্র রায়

একক ৪ : হুতোম পাঁচার নকশা (চড়ক বারোইয়ারী, হুজুক, মিউটিনি, পাদ্রী লং ও নীলদর্পণ বুজরুকি, ভূত নাবানো, দুর্গোৎসব) - কালীপ্রসন্ন সিংহ

AHBNG-102C-2

সংস্কৃত ও ইংরাজি সাহিত্যের ইতিহাস, ছন্দ-অলঙ্কার

একক ১ : সংস্কৃত সাহিত্যের ইতিহাস : কালিদাস, বাণভট্ট, ভাস, শূদ্রক

একক ২ : ইংরাজি সাহিত্যের ইতিহাস : চসার, ওয়াডসওয়ার্থ, শেলী, কিটস, স্কট, বার্নার্ড শ, এলিয়ট

একক ৩ : ছন্দ : অক্ষরবৃত্ত, মাত্রাবৃত্ত, স্বরবৃত্ত, ছড়ার ছন্দ, গদ্য ছন্দ সম্পর্কিত ধারণা

একক ৪ : অলঙ্কার : অনুপ্রাস, যমক, শ্লেষ, বক্রোক্তি, উপমা, রূপক, উৎপ্রেক্ষা, ব্যতিরেক, ব্যাজস্ততি, অর্থান্তরন্যাস, বিরোধোভাস অলঙ্কার সম্পর্কিত ধারণা

AHBNG-103-GE-1

বাংলা সাহিত্যের ইতিহাস

একক ১ : বাংলা সাহিত্যের জন্মলগ্নের ইতিহাস, তুর্কি আক্রমণ

একক ২ : i) পদাবলী সাহিত্যের ইতিহাস : বিদ্যাপতি, চণ্ডীদাস, জ্ঞানদাস, গোবিন্দদাস

ii. চৈতন্যজীবনী : বৃন্দাবন দাস, লোচন দাস, কৃষ্ণদাস কবিরাজ

একক ৩ : অনুবাদ সাহিত্য : রামায়ণ - কৃত্তিবাস, মহাভারত - কাশীরাম দাস, ভাগবত - মালাধর বসু

একক ৪ : মঙ্গলকাব্য : মনসামঙ্গল - বিজয় গুপ্ত ও নারায়ণদেব, চণ্ডীমঙ্গল - মুকুন্দ চক্রবর্তী, ধর্মমঙ্গল - ঘনরাম চক্রবর্তী

AHBNG-104A-ECC-1 - Environmental Studies

সেমেস্টার - ২

(IA-10, ESE-40, TOTAL-50)

AHBNG - 201C-3

বাংলা সাহিত্যের ইতিহাস (প্রাচীন ও মধ্যযুগ)

একক ১ : বাংলা সাহিত্যের জন্মলগ্নের ইতিহাস, তুর্কি আক্রমণ

একক ২ : i) পদাবলী সাহিত্যের ইতিহাস : বিদ্যাপতি, চণ্ডীদাস, জ্ঞানদাস, গোবিন্দদাস

ii. চৈতন্যজীবনী : বৃন্দাবন দাস, লোচন দাস, কৃষ্ণদাস কবিরাজ

একক ৩ : অনুবাদ সাহিত্য : কৃত্তিবাসী রামায়ণ, জগদ্রামী-রামায়ণ, কাশীদাসী মহাভারত, মালাধর বসুর শ্রীকৃষ্ণবিজয়

একক ৪ : মঙ্গলকাব্য : মনসামঙ্গল – বিজয় গুপ্ত ও নারায়ণদেব, চণ্ডীমঙ্গল – মুকুন্দ চক্রবর্তী, ধর্মমঙ্গল– ঘনরাম চক্রবর্তী

AHBNG - 202C-4 বাংলা সাহিত্যে অতিপ্রাকৃত ও কল্পবিজ্ঞান কেন্দ্রিক আখ্যান ও গোয়েন্দা কাহিনি

একক ১ : রবীন্দ্রনাথের অতিপ্রাকৃত গল্প : মণিহারী, ক্ষুধিত পাষণ, কঙ্কাল, নিশীথে

একক ২ : সব ভূতুড়ে (পেনেটিতে, ভূতুরে গল্প, ভয়, সত্যি নয় এবং অশরীরী) : লীলা মজুমদার

একক ৩ : ভূতুড়ে ঘড়ি : শীর্ষেন্দু মুখোপাধ্যায়

একক ৪ : বাংলা প্রবন্ধ : প্রবন্ধ সাহিত্যের সাধারণ পরিচয় (রামমোহন, বিদ্যাসাগর, বঙ্কিমচন্দ্র)

AHBNG – 203-GE-2

বাংলা সাহিত্যের ইতিহাস (আধুনিক যুগ)

একক ১ : কাব্যসাহিত্যের ইতিহাস : ঈশ্বর গুপ্ত, মধুসূদন, বিহারীলাল, রবীন্দ্রনাথ, জীবনানন্দ দাশ

একক ২ : গদ্যসাহিত্যের ইতিহাস : রামমোহন, বিদ্যাসাগর, বঙ্কিমচন্দ্র, রবীন্দ্রনাথ

একক ৩ : কথা-সাহিত্যের ইতিহাস :

i)উপন্যাস সাহিত্যের ইতিহাস : প্যারীচাঁদ মিত্র, বঙ্কিমচন্দ্র, রবীন্দ্রনাথ, তারাশঙ্কর

ii)গল্প সাহিত্যের ইতিহাস : রবীন্দ্রনাথ, শরৎচন্দ্র, মানিক, বিভূতিভূষণ

একক ৪ : নাট্যসাহিত্যের ইতিহাস : মধুসূদন, দীনবন্ধু, গিরিশচন্দ্র, দ্বিজেন্দ্রলাল, বিজন ভট্টাচার্য

ACSHP–204A-ECC-2-MIL

বাংলা সাহিত্যের সাধারণ পরিচয়

একক ১ : নৈবেদ্য : চিত্ত যেথা ভয় শূন্য, বৈরাগ্য সাধনে মুক্তি, শক্তি দম্ব স্বার্থ লোভ

একক ২ : গল্পগুচ্ছ রবীন্দ্রনাথ ঠাকুর : পোস্টমাস্টার, সুভা, ছুটি

একক ৩ : বাংলা ধ্বনিতত্ত্ব : স্বরধ্বনির বর্ণীকরণ ও ব্যঞ্জনধ্বনির বর্ণীকরণ

একক ৪ : বাংলা রূপতত্ত্ব : পদ-প্রকরণ

সেমেস্টার - ৩

(IA-10, ESE-40, TOTAL-50)

AHBNG - 301C-5

বাংলা সংস্কৃতি চর্চা

একক ১ : ইতিহাস ও সংস্কৃতি – সুনীতিকুমার চট্টোপাধ্যায়

একক ২ : সংস্কৃতির গোড়ার কথা – গোপাল হালদার

একক ৩ : রবিবারের বাঙালি (প্রথম দশটি (১০) প্রবন্ধ পাঠ্য) -রবিরঞ্জন চট্টোপাধ্যায়

একক ৪ : লোকঐতিহ্যের দর্পণে (১. জাদু নির্ভর লোকজীবন ২. বাঙালি জীবনে ট্যাঁবু

৩. বাংলার লোকঐতিহ্যে মানবদেহ ৪. লোকঐতিহ্যের রূপান্তর) -মানস মজুমদার

AHBNG - 302C-6**বাংলা সাহিত্যের ইতিহাস (আধুনিক যুগ)**

- একক ১ : কাব্যসাহিত্যের ইতিহাস : ঈশ্বর গুপ্ত, রঙ্গলাল বন্দ্যোপাধ্যায়, মধুসূদন দত্ত, হেমচন্দ্র বন্দ্যোপাধ্যায়, নবীনচন্দ্র সেন, বিহারীলাল চক্রবর্তী, রবীন্দ্রনাথ ঠাকুর, জীবনানন্দ দাশ, সুধীন্দ্রনাথ দত্ত, বিষ্ণু দে, প্রেমেন্দ্র মিত্র, বুদ্ধদেব বসু, নজরুল ইসলাম, সুকান্ত ভট্টাচার্য, সুভাষ মুখোপাধ্যায়, নীরেন্দ্রনাথ চক্রবর্তী
- একক ২ : গদ্যসাহিত্যের ইতিহাস : ফোর্ট উইলিয়াম কলেজের লেখকগোষ্ঠী ও শ্রীরামপুর মিশনের অবদান, রামমোহন রায়, বিদ্যাসাগর, অক্ষয়কুমার দত্ত, বঙ্কিমচন্দ্র চট্টোপাধ্যায়, রবীন্দ্রনাথ ঠাকুর, স্বামী বিবেকানন্দ, প্রমথ চৌধুরী
- একক ৩ : কথাসাহিত্যের ইতিহাস (উপন্যাস ও ছোটগল্প) : প্যারীচাঁদ মিত্র, বঙ্কিমচন্দ্র চট্টোপাধ্যায়, শরৎচন্দ্র চট্টোপাধ্যায়, রবীন্দ্রনাথ ঠাকুর, ত্রৈলোক্যনাথ মুখোপাধ্যায়, পরশুরাম, দ্বিজেন্দ্রনাথ ঠাকুর, জগদীশ গুপ্ত, শৈলজানন্দ মুখোপাধ্যায়, তারাশঙ্কর বন্দ্যোপাধ্যায়, মানিক বন্দ্যোপাধ্যায়, বিভূতিভূষণ বন্দ্যোপাধ্যায়, সুবোধ ঘোষ
- একক ৪ : নাট্যসাহিত্যের ইতিহাস : মধুসূদন দত্ত, দীনবন্ধু মিত্র, অমৃতলাল বসু, গিরিশচন্দ্র ঘোষ, দ্বিজেন্দ্রলাল রায়, রবীন্দ্রনাথ ঠাকুর, বিজন ভট্টাচার্য, মন্থর রায়, তুলসী লাহিড়ী, উৎপল দত্ত

AHBNG - 303C-7**ভাষাবিজ্ঞান (বর্ণনামূলক ভাষাবিজ্ঞান)**

- একক ১ : বাংলা ধ্বনির উচ্চারণ স্থান ও বাগযন্ত্রের বর্ণনা
- একক ২ : ধ্বনি পরিবর্তনের কারণ ও ধ্বনি পরিবর্তনের ধারা
- একক ৩ : বাংলা রূপতত্ত্ব
- একক ৪ : বাংলা শব্দভাণ্ডার ও বাংলা শব্দার্থ পরিবর্তনের ধারা

AHBNG - 304-GE-3**ভাষার ইতিহাস (ঐতিহাসিক ভাষাবিজ্ঞান)**

- একক ১ : প্রাচীন ভারতীয় আর্যভাষা (কালগত বিস্তার ও বৈশিষ্ট্য)
- একক ২ : মধ্য ভারতীয় আর্যভাষা (কালগত বিস্তার ও বৈশিষ্ট্য)
- একক ৩ : নব্য-ভারতীয় আর্যভাষা (কালগত বিস্তার ও বৈশিষ্ট্য)
- একক ৪ : বাংলা উপভাষার পরিচয়

AHBNG - 305-SEC-1**ব্যবহারিক বাংলা ও অনুবাদ চর্চা**

- একক ১ : বানান সংস্কার (পং বঃ বাংলা আকাদেমির বানান বিধি)
- একক ২ : যতিচিহ্ন, পাদটীকা, তথ্যসূত্র প্রণয়ন বিধি
- একক ৩ : অনুবাদ চর্চা : অনুবাদের শৈলী, অনুবাদ চর্চার সমস্যা
- একক ৪ : বাংলা অনুবাদ চর্চার পরিচয় - বুদ্ধদেব বসু: ১. স্তোত্র ২. হেমন্ত ৩. এক শব্দ

অলোকরঞ্জন দাশগুপ্ত : ১. বনের দেবতা ২. নিয়তির গান : হাইপেরিঅন ৩. পৃথিবী যদিও

*অলোকরঞ্জন দাশগুপ্ত ও শঙ্খ ঘোষ সম্পাদিত 'সপ্তসিন্ধু দশদিগন্ত' (দে'জ পাবলিশার্স) গ্রন্থটি থেকে কবিতাগুলি গৃহীত হয়েছে।

সেমেস্টার : ৪

(LA-10,ESE-4(TOTAL-50))

AHBNG-401C- 8**বাংলা লোকঐতিহ্য ও লোকসংস্কৃতি**

- একক ১ : লোকসাহিত্যের সংজ্ঞা ও বাংলা লোকসংস্কৃতির পরিচয়
- একক ২ : বাংলা চারুকলা চর্চার ঐতিহ্য : পটশিল্প, দেয়াল চিত্র, কয়েকজন চিত্রশিল্পী (অবনীন্দ্রনাথ ঠাকুর, নন্দলাল বসু, গগনেন্দ্রনাথ ঠাকুর, যামিনী রায়, রামকিঙ্কর বেইজ)

একক ৩ : বাংলা লোকগানের ঐতিহ্য : বাউল গান, ভাদু, টুসু, ঝুমুর, ভাটিয়ালি গান

একক ৪ : বাংলা লৌকিক সাহিত্য ও সাহিত্যিক :ক) ছড়া, ধাঁধা, প্রবাদ খ)চারণ কবি বৈদ্যনাথের-এর কবিতা।

AHBNG-402C-9

উনিশ ও বিশ শতকের কাব্য ও নাটক

একক ১ : মেঘনাদবধ কাব্য (১ম, ৪র্থ এবং ৯ম সর্গ) : মধুসূদন দত্ত

একক ২ : নির্বাচিত বাংলা কবিতা

আত্মবিলাপ - মধুসূদন দত্ত

চম্পা - সত্যেন্দ্রনাথ দত্ত

বাবরের প্রার্থনা - শঙ্খ ঘোষ

আন্তিগোনে মঞ্চ : কলকাতা - অলোকরঞ্জন দাশগুপ্ত

অবনী বাড়ি আছে - শক্তি চট্টোপাধ্যায়

একক ৩ : সধবার একাদশী : দীনবন্ধু মিত্র

একক ৪ :বিভাব: শম্ভু মিত্র

AHBNG-403C-10

বাংলা জীবনীসাহিত্যের ধারা

একক ১ : রবীন্দ্র জীবনকথা : প্রভাতকুমার মুখোপাধ্যায় (১-৫, ১২৪-১৪৩, ১৬০-১৬১ সংখ্যা পাঠ্য)

একক ২ : জীবনস্মৃতি : রবীন্দ্রনাথ ঠাকুর

একক ৩ : আপনকথা : অবনীন্দ্রনাথ ঠাকুর

একক ৪ : আত্মকথা : প্রমথ চৌধুরী

AHBNG-404-GE-4

রবীন্দ্র-সাহিত্য

একক ১ : সঞ্চয়িতা : মেঘদূত, বাঁশি, মুক্তি, সাধারণ মেয়ে

একক ২ : গল্পগুচ্ছ : দেনাপাওনা, নষ্টনীড়, বদনাম, গুপ্তধন

একক ৩ : যোগাযোগ

একক ৪ : কালের যাত্রা

AHBNG - 405-SEC - 2

বাংলা রচনাশক্তির নৈপুণ্য

একক ১ : প্রতিবেদন রচনা

একক ২ : পত্র রচনা : ব্যক্তিগত ও ব্যবহারিক

একক ৩ : প্রুফ সংশোধন

একক ৪ : কাল্পনিক সাক্ষাৎকার রচনা

সেমিস্টার : ৫

(LA-10,ESE-4,TOTAL-50)

AHBNG-501C-11

সাহিত্যতত্ত্ব

একক ১ : প্রাচীন ভারতীয় সাহিত্যতত্ত্ব : ধ্বনিবাদ, রসবাদ, রীতিবাদ

Botany

Extract from Bankura University Syllabus

BOT – 204 C (TH) / Core course

Credit-3 Taxonomy of Angiosperms (Theory) 45L

1. Taxonomy and systematics -concept, objectives and significance
2. Plant nomenclature-ICN, Principles, rules, recommendation and appendices, type concept, rules of priority, effective and valid publication, rejection of names. Taxonomic Hierarchy- definition, concept of species, genus, family and other categories.
3. Angiosperm classification: - Phenetic versus Phylogenetic systems, Cladistics in taxonomy; classification, relative merits and demerits of major system of classifications- Bentham and Hooker, Takhtajan, Cronquist and APG-III (2009).
4. Biosystematics- methods, categories and relation with traditional taxonomy.
5. Role of Botanic garden and Herbaria in taxonomic study; Botanical Survey of India, its contribution and functions.
6. Taxonomic literatures- types, definition and Examples.
7. Salient features, floral diversity, diversity of families and phylogeny of the following orders- Ranales, Centrospermae, Amentiferae, Tubiflorae, Helobieae and Glumiflorae.
8. Principle of Phytogeography:-Static and dynamic concepts. Continental drift theory and endemism. Invasion and introductions. Local plant diversity and its Socio-economic importance.

BOT – 204 C (PR) / Core course

Credit-1 Taxonomy of Angiosperms (Practical) 30L

1. Study of about 10 wild taxa representing different families and identification to species level.
2. Study of flora of any forest patch of West Bengal.
3. Construction of Taxonomic keys.
4. As a part of botanical tours, student must observe and record of the flora of vegetation types of the study area and submit a report at the time of practical examination.
5. Formation of Phenogram and Cladogram.
6. Study of some micromolecular data in plant taxonomy like Betalins, Glucosinolates, Flavonoids, Terpenoids and Alkaloids.
7. Part of practical- student should submit minimum 50 Herbarium specimens or image of soft copies of 30 plants of common wild taxa.

Rauwalfia – *Rauwalfia serpentine* , *Cascara* – *Rhamnus purshiana* , *Nayan tara* - *Catharanthus roseus.*, *Kuchila* – *Strychnos nux- vomica*).

2. *Study of unorganized drugs - grains, resins, latex, oils etc.*
3. *Routine phytochemical tests for identification of certain secondary metabolites (alkaloids, tannins, terpenes, steroids, anthraquinones, ellagic acid, gallic acid, glucosinolates etc.).*
4. *The fluorescence characteristics of powdered drug samples treated with inorganic acids and solvents under ordinary light and UV light.*
5. *Total antioxidants capacity of some edible parts of some medicinal plants.*
6. *Excursion to acquaint with the drug plants and ethnic specimens.*

BOT 304 EA (TH) / Elective Course Major

Credit – 3 Taxonomy of Angiosperms and Biosystematics (Theory) 45 L

1. Circumscription and Phylogeny of Dilleniidae, Hamamelidae, Caryophyllidae, Rosidae, Asteridae; Alismatidae, Arecidae, Commelinidae, Zingiberidae and Liliidae sensu Cronquist (1988).
2. Taxonomy of Parasitic, Saprophytic and Insectivorous plants and their specializations.
3. Centres of origin and diversity of cultivated plants.
4. Evolution and differentiation of species - Abrupt and gradual speciation; Isolating mechanism- Geographical, ecological, seasonal, temporal, mechanical and ethological.

BOT 304 EA (PR) / Elective Course Major

Credit – 1 Taxonomy of Angiosperms and Biosystematics (Practical) 30 L

- i. *Study of the representative species selected from the Subclasses mentioned in the Theory Syllabus*
- ii. *2. Study of exomorphic features of plants*
- iii. *Excursions should be arranged to study different vegetations*

BOT 403 I. A.

Educational Excursion to industries and Laboratories for knowledge on Bioinstrumentation, Tutorial, Library work (Participation – 10 marks, Report – 30 marks, Viva – 10 marks) evaluated by the (Supervisor – 10 marks, All Faculties - 40 marks)

BOT 404 EA (TH) / Elective Course Major

Credit – 3 Taxonomy of Angiosperms and Biosystematics (Theory) 45 L

1. Biosystematics principles, practices, limitations and scope; phenotypic plasticity
2. Endemism, Definition, Different theories regarding endemism; Distribution of endemic plant families in the southern hemisphere of the globe.
3. Taxonomic Evidences: - Morphology, Anatomy, Palynology, Embryology, Cytology, Phytochemistry, Nucleic acid hybridization as a tool in taxonomy

Molecular markers in Plant Systematics and phylogenetic analysis: Nuclear ribosomal DNA, Chloroplast DNA and Mitochondrial DNA; DNA Barcoding, Computer application and GIS.

BOT 404 EA (PR) / Elective Course Major

Credit – 3 Taxonomy of Angiosperms and Biosystematics (Practical) 30 L

1. *Phytography as per the pattern followed in the recent Floras.*
2. *Application of ICN rules in solving nomenclatural Problems.*
3. *Application of objective taxonomy (Phenetics and Cladistics) in resolving form relationship and phylogenetic relationship using.*
4. *Study of local vegetation by biological spectrum.*
5. *Excursions should be arranged to study different vegetations*

Education

Extract from Bankura University Syllabus

CBCS SYLLABUS
FOR
THREE YEARS UNDER-GRADUATE COURSE
IN
EDUCATION (HONOURS)
(w.e.f. 2017)



BANKURA UNIVERSITY
BANKURA
WEST BENGAL
PIN 722155



SEMESTER-IV

Course Title: Project Work

Course Code: AHEDN/405/SEC-2B

Contact Hours per week: 2

Examination Duration: 2 hours

Maximum Marks: 50

Internal: 10

ESE: 40

Course Objectives:

After completion the course the learners will be able to:

2. Conduct project and report on this.

Course Contents:

The project work will have to be completed according to following steps and be submitted:

1. Identification of the problem/topic
2. Writing the Objectives/questions/hypotheses (wherever possible).
3. Field identification – scope and delimitations.
4. Nature of information /data required- their sources.
5. Collection and organisation of data, analysing and drawing inferences.
6. Reporting.

Or

Visit to a place of educational importance and writing a report (within 2000 words) on the following and be submitted:

1. Selection of place
2. Educational Importance of the place
3. Planning for visit
4. Documenting and noting down the visit with important features
5. Concluding remarks

Note : The project may either be a theoretical critical study or an empirical study

CBCS SYLLABUS
FOR
THREE YEARS UNDER-GRADUATE COURSE
IN
EDUCATION (PROGRAMME)
(w.e.f. 2017)



BANKURA UNIVERSITY
BANKURA
WEST BENGAL
PIN 722155



SEMESTER-IV

Course Title: Project Work

Course Code: AP/EDN/404/SEC-2

Contact Hours per week: 2

Examination Duration: 2 hours

Maximum Marks: 50

Internal: 10

ESE: 40

Course Objectives:

After completion the course the learners will be able to:

1. Conduct Tour and report on this.

Course Contents:

Visit to a place of educational importance and writing a report (within 2000 words) on the following:

1. Selection of place
2. Educational Importance of the place
3. Planning for visit
4. Documenting and noting down the visit with important features
5. Concluding remarks

Geography

Extract from Bankura University Syllabus

**3.14 SHGEO/602/C-14P: Research Methodology and Field Work****Research Methodology and Field Work**

6 Credits

Unit 1: Research Methodology

- 3.14.1 Research in Geography: Meaning, types and significance
- 3.14.2 Literature Review and formulation of research design
- 3.14.3 Defining research problem, objectives and hypothesis. Research materials and methods
- 3.14.4 Techniques of writing scientific reports: Preparing notes, references, bibliography, abstract and keywords

Unit 2: Field Work

1. Fieldwork in Geographical studies –Selection of study area and objectives. Pre-field preparations
2. Field Enquiry Techniques and Tools: Observation (participant, non-participant), questionnaires (open, closed, structured, non-structured). Interview with special reference to focused group discussions.
3. Field Techniques and Tools: Landscape survey using transects and quadrants, constructing a sketch, photo and video recording.
4. Preparation of inventory from field data. Post-field tasks.

Reference Books

- ▶ Creswell J., 1994: Research Design: Qualitative and Quantitative Approaches Sage Publications.
- ▶ Dikshit, R. D. 2003: The Art and Science of Geography: Integrated Readings. Prentice-Hall of India, New Delhi.
- ▶ Evans M., 1988: "Participant Observation: The Researcher as Research Tool" in Qualitative Methods in Human Geography, eds. J. Eyles and D. Smith, Polity.
- ▶ Mukherjee, Neela 2002. Participatory Learning and Action: with 100 Field Methods. Concept Pubs. Co., New Delhi



- ▶ Robinson A., 1998: "Thinking Straight and Writing That Way", in Writing Empirical Research Reports: A Basic Guide for Students of the Social and Behavioural Sciences, eds. by F. Pryczak and R. Bruce Pryczak, Publishing: Los Angeles.
- ▶ Special Issue on "Doing Fieldwork" The Geographical Review 91:1-2 (2001).
- ▶ Stoddard R. H., 1982: Field Techniques and Research Methods in Geography, Kendall/Hunt.
- ▶ Wolcott, H. 1995. The Art of Fieldwork. Alta Mira Press, Walnut Creek, CA
- ▶ Beaumont, J.R. and Williams, S.W. 1983. Project Work in the Geography Curriculum Croom Helm London. 332p

History

Extract from Bankura University Syllabus



Bankura University

B.A.(Honours) History

CBCS w.e.f.

Skill Enhancement Course (SEC) (2)

Semester III

UG/HIST/304 SEC- 1: Archives and Museum

Module I. Types of archives and museum: Understanding the traditions of preservation in India Collection policies, ethics and procedures. Collection: field exploration, excavation, purchase, gift and bequests, loans and deposits, exchanges, treasure trove, confiscation and others documentation: accessioning, indexing, cataloguing, digital documentation and de-accessioning. Preservation: curatorial care, preventive conservation, chemical preservation and restoration.

Module II. Museum: Presentation and Exhibition.

Module III. Museums, Archives and Society: Education and communication, Outreach activities.

Suggested Readings:

Saloni Mathur, India By Design: Colonial History and Cultural Display, University of California, 2007

Sengupta, S. Experiencing History Through Archives. Delhi:

Munshiram Manoharlal. 2004. Guha, Thakurta, Tapati, Monuments, Objects, Histories: Institution of Art in Colonial

Colonial India, New York, 2004_Kathpalia, Y. P. Conservation and Restoration of Archive Materials. UNESCO, 1973

houshary, R.D. Museums of India and their maladies. Calcutta:

Agam Kala. 1988 Nair, S.M. Bio-Deterioration of Museum Materials. 2011

Agrawal, O.P., Essentials of Conservation and Museology, Delhi.

Semester IV

UG/HIST/405 SEC-2: Understanding Popular Culture

Module I: Introduction: Defining popular culture and understanding its historical

Module II: Visual representation: Folk art, handicrafts, and

Done

Export focus



Bankura University

B.A.(Programme) History

CBCS w.e.f.

- Module-I:** Historiographical Trends
Module-II: Education in Early and Medieval Times; Formal & Informal
Module-III: Colonial Period: Socio-Religious Reforms; Women & Education for female
Western Medical Education.
Module-IV: Role of School and Colleges in Colonial and Post Colonial Period.
Module-V: Contours of Female Literacy since 1950.
Module-VI: Present Scenario: Education as a Tool of Empowerment.

Suggested Readings:

Aparna Basu, Growth of Education and Political Development in India, 1898-1920, 1996
Aparna Basu, Bharati Ray, Women Struggle, A History of the All India Women's
2002
Ram Nath Sharma Rajender Nath Sharma, History of Education in India, Atlantic
1996
Radha Kumar, A History of Doing Usha Sharma, Women Education in Modern India

**1. Skill Enhancement Course IV- An Introduction to
Archaeology:**

- Module-I:** Definition & Components
Module-II: Historiographical Trends
Module-III: Research Methodologies
Module-IV: Definition of Historical Sites & Explorations
Module-V: Field Work & Tools of research
Module-VI: Documentation, Codification, Classification, Analysis of findings and public

Suggested Readings:

John.A. Bintliff, A Companion to Archaeology
D.R. Chakrabarti, A History of Indian Archaeology: From the Beginning to 1947, New
Manohar, 1988
M. Hall & W.S.W. Silliman, Historical Archaeology, USA, Blackwell, 2006
Mathew Johnson, Archaeological Theory: An Introduction, Blackwell Publishing, New
2010 Published Works by ASI





Bankura University

B.A.(Programme) History

CBCS w.e.

Sushila Kaushik, Panchayati Raj in Action: Challenges to Women's Role, Delhi, 1999
Nivedita Menon, Gender & Politics in India, New Delhi, OUP, 1999 Women i
change over the last half century in reporting on women & Gender Issues in Indian
Shri Venkatram,2003.

4. Skill Enhancement Course III- Documentation & Visual Culture:-

- I. Conceptual Framework
- II. Visual Culture: Colonial & Post-Colonial Contexts
- III. Politics of Documentation
- IV. Methods of Documentation: Photographs, Films, Videos and digital
- V. Fieldwork, Internship and Training

Suggested Readings:

Gayatri Sinha, ed, Art & Visual Culture in India: 1857-2007

Geeta Kapoor, When was Modernism-Essays on Cultural Practices in India, D
Publications, 2000 Publications by Sarai, CSDS, Rajpur Road, Delhi

State Government of India Act 1955: Working of the GOI
Act. Negotiations for Independence and Popular Movements.
Partition: Riots and Rehabilitation.

Module II: Making of the Republic The Constituent Assembly;
Drafting of the Constitution Integration of Princely States

Module III: Indian Democracy at Work 1950- 1970s Language,
Region, Caste and Religion Electoral Politics and the
Changing Party System; Regional Experiences India and the
World; Non Aligned Movement.

Module IV: Economy Society and Culture 1950-1970s
The Land Question, Planned Economy, Industry and Labour Science
And Education The Women's Question: Movements and
Legislation Cultural Trends: Institutions and Ideas, Literature,
Media, Arts.

Suggested Readings:

Bipan Chandra, et al (ed) India after Independence, New Delhi:
Penguin Books, 1999

Appadurai, Domestic Roots of India's Foreign Policy 1947-1972.
New Delhi: Oxford University Press,

1979. Rajni Kothari, Politics in India, New Delhi: Orient Longman,
1970.

Joya Chatterji, The Spoils of Partition: Bengal and India, 1947-
67, Cambridge: Cambridge University Press, 2007.

Sunil Khilnani, The Idea of India, Penguin Books, New Delhi, 2004

3. DSC IID:- From Some Other Discipline.

4. Skill Enhancement Course II- Museum & Archives in India:-

- I. Definitions
- II. History of setting up of Museum and Archives: Some case studies
- III. Field Work; Studying of structures & Functions
- III. Training & Employment

Suggested Readings:

G. Edson & Dean David, Handbook for Museum, London, Routledge, 1986

John Ridener, From Folders to Post Modernism: A Concise History of Archival Theory, 2009



Bankura University

B.A.(Programme) History

CBCS w.e.f. 2017-18

SEM-V

1.DSE IA (Discipline Specific Elective)- History of Modern Europe (c. 1870 to c. 1945)

Module I: Imperial Expansion- Bismarck's Diplomacy and a new balance of Power; Kaiser William II and *Welt politic*; New Course in the German Foreign Policy; the Eastern Question in Late Nineteenth Century and the Balkan Wars (1912-13); Colonial Rivalries and the Outbreak of the First World War.

Module-II: The Crisis of Feudalism in Russia and Experiments in Socialism: Emancipation of serfs. Russian Populism and Social Democracy. Revolution of 1905; the Bolshevik Revolution of 1917. Programme of Socialist Construction.

Module III: First World War and its Aftermath- Emergence of Two Armed Camps; the Peace Settlement of 1919; the League of Nations.

Module IV: Crisis in Europe: Fascism and Nazism- Rise of Fascism in Italy; Rise of Nazism in Germany; World Economic Depression; the Crisis of Inter-War European Order.

Module V: Outbreak of the Second World War- Germany's Aggressive Foreign Policy; the War Economy; Spanish Civil War; Mussolini's Foreign Policy and Abyssinian Crisis; Formation of the Rome-Berlin-Tokyo Axis.

Module VI: Second World War and the Quest for Peace- Outbreak of the Second World War; Course of the War; Evolution of the UNO, Cold War politics

Suggested Readings:

23:34 V.C. Joshi (ed.), Rammohan Roy and the process of Moderni... 1.2KB/s 4G 52
in India.

J.Krishnamurti, Women in Colonial India.

Paul Brass, The Politics of India Since Independence, Cambri
Cambridge University Press, 1994. Ram Chandra Guha, India
Gandhi: The History of the World's Largest Democracy, New
Picador, 2007

Bipan Chandra, et al (ed) India after Independence, New Del
Penguin Books, 1999

3. DSC IIC:- From Some Other Discipline.

4. Skill Enhancement Course I- Historical Tourism: Theory & P

Historical Tourism: Theory &Practice

- I. Defining Heritage - Art &Architecture in India: An overview: -Field
historical sites & Museums
- II. Understanding Built Heritage: -Stupa Architecture -Temple Archite
Architecture, Forts, Palaces, Mosques -Colonial Architecture -Prese
- III. Field Work: Visit to site &Conducting of research
- IV. **Modalities of conducting tourism**

Suggested Readings:

Sunil Kumar, The Present in Delhi's Past, Delhi, Gyan Publishi
Howard, Heritage: Management, Interpretation, Identity, and Londo
V.S Agarwal, Indian Art, Varanasi, Prithvi Prakasahan, 1972
Percy Brown, Indian Architecture, Bombay, D. B. Taraporevala Son
James Harle, The Art & Architecture of the Indian Subcontine
Penguin, 1988
S.K.Bhowmik, Heritage Management: Care, Understanding & Ap
Heritage, Jaipur, 2004.

Zoology

Extract from Bankura University Syllabus



REVISED CBCS
SYLLABUS FOR
THREE YEARS UNDER-GRADUATE COURSE
IN
Zoology (HONOURS)
(w.e.f. 2018-19)



BANKURA UNIVERSITY
BANKURA
WEST BENGAL
PIN 722155

**3.4 Core P2 - Perspectives in Ecology Lab****2 Credits****Perspectives in Ecology****Practicals**

1. Determination of population density in a natural/hypothetical community by quadrat method and calculation of Shannon-Weiner diversity index for the same community
 2. Study of an aquatic ecosystem: Zooplankton, Measurement of turbidity/penetration of light, determination of pH, and Dissolved Oxygen content (Winkler's method), Chemical Oxygen Demand and free CO₂
 3. Report on a visit to National Park/Biodiversity Park/Wild life sanctuary
 4. Submission of Laboratory Note Book
-

Distribution of Marks:**Full marks: 15**

- | | |
|---|----------|
| 1. Experiment (from Item no. 1): | 5 |
| 2. Experiment (from Item no. 2; pH or free O ₂ or free CO ₂ estimation) | 5 (2+3)* |
| 3. Report on Excursion: | 3 |
| 4. Submission of Laboratory note book: | 2 |

***Note**

Q 2. Principle: 2 marks and result: 3 marks

Suggested Reading

Desharnais Robert, Jeffrey Bell (2001) 'Ecology Student Lab Manual, Biology Labs', Benjamin Cummings

Darrell S Vodopich, (2009), 'Ecology Lab Manual', McGraw-Hill Higher Education

Sinha, J.K. , Chatterjee, A.K. and P. Chattopadhyay (2015) Advanced Practical Zoology, Books & Allied (P) Ltd

**3.6 Core P3 - Non-Chordates II****2 Credits****Non-Chordates II: Coelomates****Practicals**

1. Identification of following specimens:

- a. *Aphrodite, Nereis, Heteronereis, Sabella, Serpula, Chaetopterus, Pheretima, Hirudinaria*
- b. *Carcinoscorpius, Palamnaeus, Palaemon, Daphnia, Balanus, Sacculina, Cancer, Eupagurus, Scolopendra, Peripatus*
- c. *Chiton, Dentalium, Pila, Doris, Unio, Pinctada, Sepia, Octopus, Nautilus, Asterias, Ophiura, Echinus, Cucumaria and Antedon*

2. Identification of T.S. through pharynx, gizzard, and typhlosolar intestine of earthworm

3. Dissection, drawing and labelling of digestive system and septal nephridia of earthworm

4. a. Mounting of mouth parts of *Periplaneta*

b. Dissection: digestive system and nervous system of *Periplaneta*

5. Submission of a Project Report on life cycle stages of any insect.

6. Submission of Laboratory Note Book

Distribution of Marks**Full marks: 15**

- | | |
|--|------------|
| 1. Identification with reasons (any three):
(Two from Item No. 1 and one from Item no.2.) | 7 [3+3+1]* |
| 2. Dissection (any one) (From Item no. 3 or 4): | 4[2+1+1]* |
| 3. Submission of a project report along with the life cycle stages
of any insect (Item no. 5) | 2 |
| 4. Submission of laboratory note book: | 2 |

***Note:**

Q1. For Item (1), Sc. name:1 mark and Reasons: 2 marks. For Item (2) 1 mark is allotted for both identification and characters.

Q2. Dissection :2 marks ; drawing and labelling : 1 mark each

Suggested Reading

- Ghosh, K.C. and Manna, B. (2015): Practical Zoology, New Central Book Agency, Kolkata
- Poddar T. K., S. Mukherjee & S. K. Das (2002) An Advanced Laboratory Manual of Zoology, Laxmi Publications
- Sinha, J.K. , Chatterjee, A.K. and P. Chattopadhyay (2015) Advanced Practical Zoology, Books & Allied (P) Ltd



Bankura University

B.Sc General Degree Course (Programme)

CBCS w.e.f. 2017-18

4CBCS SYLLABUS
FOR
THREE YEARS UNDER-GRADUATE COURSE
IN
B.Sc General Degree Course (*w.e.f. 2017-18*)



BANKURA UNIVERSITY
BANKURA
WEST BENGAL
PIN 722155



Unit 4: Ecosystem

1. Types of ecosystem with an example, Food chain: Detritus and grazing food chains, Linear and Y-shaped food chains, Food web, Energy flow through the ecosystem, Ecological pyramids and Ecological efficiencies
2. Nitrogen cycle
3. Human modified forest ecosystem

Unit 5: Applied Ecology

1. Wildlife Conservation (in-situ and ex-situ conservation)
2. Management strategies for tiger conservation;

3.4 Core P2 - Ecology Lab

2 Credits

Ecology Lab

List of Practical

1. Study of an aquatic ecosystem: Phytoplankton and zooplankton.
2. Measurement of area, temperature, turbidity/penetration of light, determination of pH, and Dissolved Oxygen content (Winkler's method), Chemical Oxygen Demand and free CO₂
3. Report on a visit to National Park/Biodiversity Park/Wild life sanctuary

3.5 Core T3 – Invertebrate II

Invertebrate II

Unit 1: Introduction

4 Credits

Evolution of coelom

Unit 2: Annelida

1. Classification up to classes with examples.
2. Excretion through nephridia.

Unit 3: Arthropoda

1. Classification up to classes with examples.
2. Respiration in prawn and cockroach.