



educating hearts and minds"

HOLY CROSS COLLEGE

ACCREDITED BY NAAC WITH 'A+' GRADE (CYCLE:2)

Tripura University Reg. Code: 17

Jubatara, P.O. Lembucherra, Tripura West Pin-799210

Phone: 0381-2915930, +91 9402315672

email- principalhccagt@gmail.com

Web: www.holycrosscollege.in

DEPARTMENT OF HUMAN PHYSIOLOGY

No.F.3/HCC/HP/2024/2

To
The Principal
Holy Cross College, Agartala.


Date: 10/07/2024

Subject: Seeking approval to conduct a Bridge course for the 1st Semester students of the Department of Human Physiology.

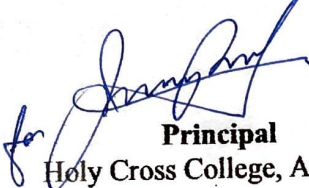
Respected Father,

We are happy to share that the Department of Human Physiology is willing to conduct a Bridge Course for the first-semester (academic year 2024-2025) students for a period of two weeks from 22nd July 2024. The proposed name of the course is 'Introductory Physiology.' We are also designing the course curriculum and syllabus. The course will encourage students to revise and improve themselves to catch up with the flow of the Undergraduate program. In this regard, we seek your permission for the same.

Yours sincerely,


10/07/2024
Dr. Susmita Saha
HoD, Human Physiology
Holy Cross College, Agartala

Approved by:


Principal
Holy Cross College, Agartala

HEAD
Department of Human Physiology,
HOLY CROSS COLLEGE, AGARTALA

VICE PRINCIPAL
HOLY CROSS COLLEGE
AGARTALA



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Dr. Susmita Saha
HoD, Human Physiology
Holy Cross College, Agartala

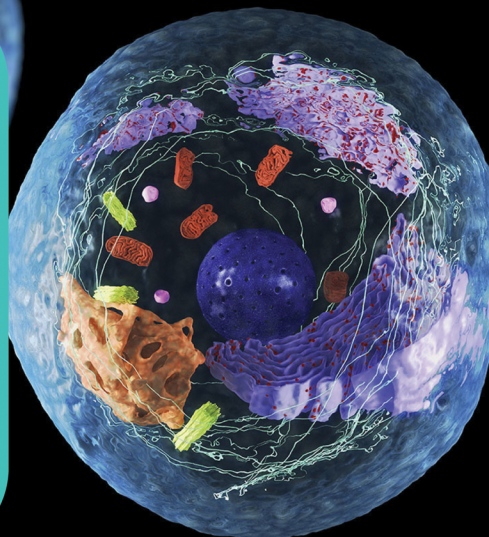
Approved by:

Principal
Holy Cross College, Agartala

VICE PRINCIPAL
HOLY CROSS COLLEGE
AGARTALA

BRIDGE COURSE IN INTRODUCTORY PHYSIOLOGY

Academic Year
2024-25



OFFERED BY

**DEPARTMENT OF HUMAN PHYSIOLOGY
HOLY CROSS COLLEGE AGARTALA**

Course framing committee:

Dr. Susmita Saha

Dr. Sandeep Roy Sarkar

Dr. Ashish Kumar Singha

Mr. Kanak Chakraborty

Contact Us

Email: huphy.hcc@gmail.com

Tel. No.: +91-9436567634

Website: www.holycrosscollege.in



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DEPARTMENT OF HUMAN PHYSIOLOGY

No. F.3/HCC/HP/2024/43

Date: 05.08.2024

Notice

This is the general information to notify that the exam. of the 1st Bridge Course entitled '**Introductory Physiology**' for the 1st-semester students of the Department of Human Physiology will be held on **Friday, 16th August 2024, and 22nd August 2024** (Hall No. F2-8), at 9 am.

Approved
Bmylin
5/8/2024
PRINCIPAL
HOLY CROSS COLLEGE
AGARTALA

Qm *5/8/2024*
Dr. Susmita Saha
HoD, Human Physiology
Holy Cross College, Agartala
HEAD
Department of Human Physiology,
HOLY CROSS COLLEGE, AGARTALA

Copy to

1. Vice Principal & Administrator for information.
2. Chair, Exam. Cell, HCC
3. Academic Coordinator for information.
4. IQAC for record.
5. HoD, Dept. of Zoology, Botany and B. Sc. Gen. for information.



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Web: www.holycrosscollege.in

DEPARTMENT OF HUMAN PHYSIOLOGY

No. F.3/HCC/HP/2024/05

Date: 27.08.2024

Notice

This is general information to notify you that the examination of the 1st Bridge Course entitled 'Introductory Physiology' that was supposed to be held on **22nd August 2024** for the 1st-semester students of the Department of Human Physiology, has been rescheduled for **2nd September 2024 (Monday) (Hall No. F2-8) at 10.50 am.**

Approved
[Signature]
27/08/2024
PRINCIPAL
HOLY CROSS COLLEGE
AGARTALA

[Signature] 27/08/2024
HoD, Human Physiology
Holy Cross College, Agartala
HEAD
Department of Human Physiology,
HOLY CROSS COLLEGE, AGARTALA

Copy to

1. Vice Principal & Administrator for information.
2. Chair, Exam. Cell, HCC
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DEPARTMENT OF HUMAN PHYSIOLOGY
HOLY CROSS COLLEGE, AGARTALA

The bridge course is designed as a skill booster where the student will be given a concise knowledge delivery on topics like, the basics of cellular organization, physiology, anatomy, organization of body systems, functional aspects of body systems, etc.

Course Name: Introductory Physiology

Course Code: HP-BDC101

Duration: 2 weeks

Eligibility: Higher Secondary Pass

Course Fee: Nil

Course Credit: Non-credit Course

Course offered by: Department of Human Physiology

SYLLABUS

Theory:	Practical
1. Cell: structure and function.	1. Microscopy- basics
2. Difference between prokaryotic and eukaryotic cells.	2. Hematology: Basics
3. Cellular Organelles: structure and function.	3. Blood film: focusing
4. Organ System: Structure and functions.	4. Blood cell identification
5. Basics of nervous system.	5. Body System: Models and Organs
6. Basics of respiratory system	
7. Basics of cardiovascular system	
8. Basics of muscular system	
9. Basics of digestive system	
10. Basics of reproductive system	
11. Basics of endocrine system	
12. Basics of excretory system	
13. Basics of immune system	
14. Basics of skeletal system	
15. Basics of integumentary system	

DISTRIBUTION OF MARKS:

Total Marks: 100

Internal assessment: 40 (Includes theory, practical and assignment)

End Term exam: 60 (Theory: 40; Practical:20)

RESULT:

Letter Grades and Grade Points:

Level	Letter Grade	Grade Point	Percentage of marks
Outstanding	O	10	>90 to <=100
Excellent	A+	9	>80 to <=90
Very Good	A	8	>70 to <=80
Good	B+	7	>60 to <=70
Above Average	B	6	>50 to <=60
Average	C	5	>40 to <=50
Pass	P	4	=40
Fail	F	0	Below 40
Absent	Ab	0	0



15/07/2024

Dr. Susmita Saha

HoD and Asst. Professor

Dept. of Human Physiology

Holy Cross College, Agartala

Dated: 15.07.2024

HEAD

Department of Human Physiology,
HOLY CROSS COLLEGE, AGARTALA

Approved

15/07/2024
PRINCIPAL
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Report of Bridge Course on Introductory Physiology

Course Duration: 2 weeks (22nd July 2024 onwards)

Total No. of Students: 36

Physiology is the scientific study of normal biological processes, with an emphasis on how living things survive, function, and work. It looks at how an organism's physical, chemical, and biological components interact, emphasizing how crucial they are to survival. There are numerous undergraduate options, including Bachelor in Physiotherapy (BPT), bachelor's in science in Physiology, and Bachelor of Arts in Physiology. More than 500 colleges in the country provide physiology courses. Postgraduate degrees offered include Masters in Anatomy, Cell Biology, and Physiology as well as Masters in Physiology. Students can also pursue an MSc in Physiology or an MSc in Human Physiology. This broad topic bridges the boundaries between several biological disciplines by investigating the fundamental roles of life.

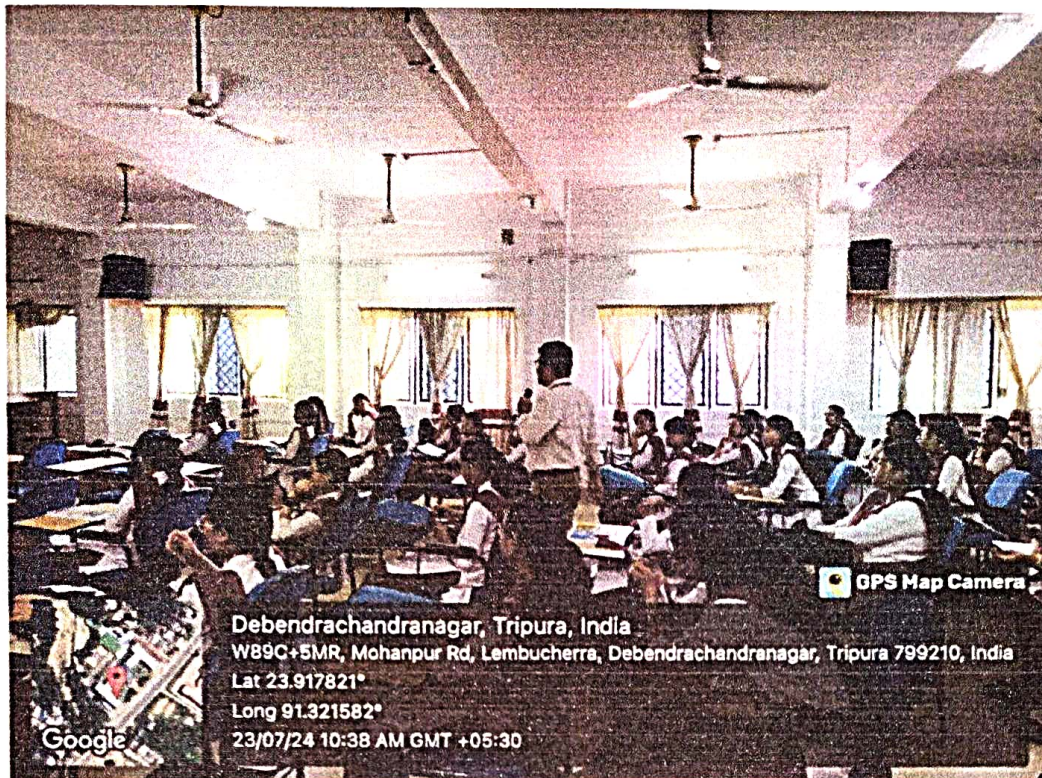
Department of Human Physiology offered the Bridge Course in Introductory Physiology for 1st Semester students and the duration of the course was for 2 weeks. The course was designed to provide students with essential foundational knowledge in physiology, preparing them for more advanced studies in the biological sciences. Recognizing the varied academic backgrounds of incoming students, this course aimed to bridge gaps in understanding and foster a comprehensive grasp of physiological concepts.

In total 36 numbers of students enrolled for this course, all of whom are the 1st semester students of Human Physiology. The course spanned two weeks and consisted of lectures for 3 hours per day covering fundamental topics such as cell physiology, and muscular and nervous systems, and laboratory Sessions for 2 hours per week focused on practical applications, including dissections, experiments, and simulations. Theory classes have been taken both online and offline mode. An end-term or final examination was conducted to evaluate the overall understanding of course content among all students.

The Bridge Course in Introductory Physiology successfully achieved its objectives, providing students with a solid foundation in physiological concepts. The combination of lectures, practical sessions, and collaborative projects contributed to a comprehensive learning experience. For future iterations, it is recommended to incorporate additional formative assessments and perhaps expand the course duration to cover more advanced topics.

30/08/2024
HEAD
Department of Human Physiology,
HOLY CROSS COLLEGE, AGARTALA

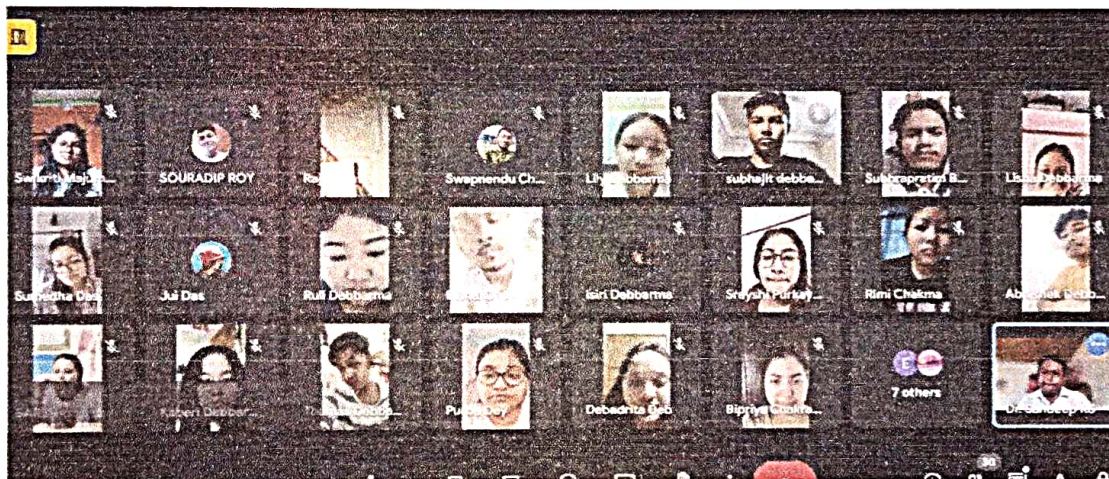
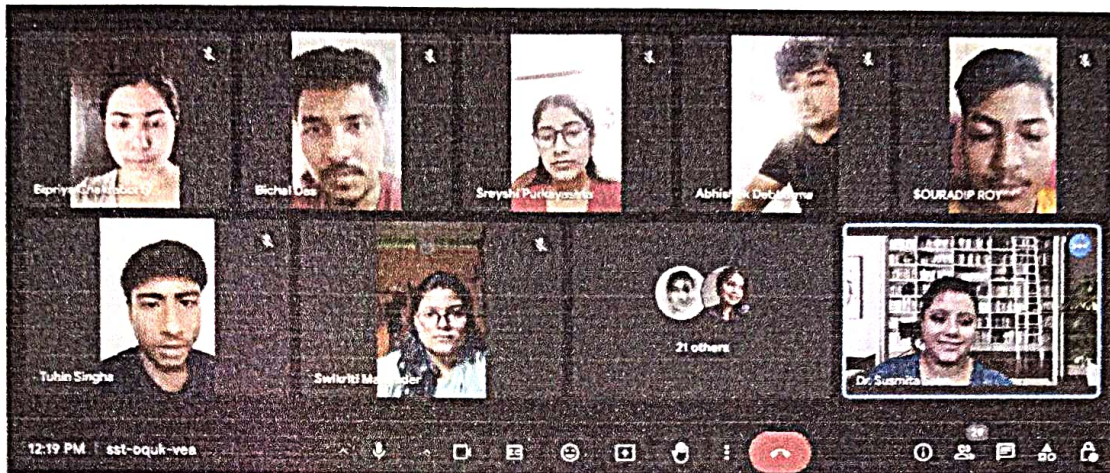
The report is prepared by
Dr. Ashish Kumar Singha




30/09/2024

HEAD


Department of Human Physiology,
HOLY CROSS COLLEGE, AGARTALA




 30/09/2024
HEAD
 Department of Human Physiology,
 HOLY CROSS COLLEGE, AGARTALA

DEPARTMENT OF HUMAN PHYSIOLOGY
HOLY CROSS COLLEGE, AGARTALA
Result: Bridge Course (Introductory Physiology)
(AY 2024-2025)

Sl No.	Name the Student	Grade
1	Abhishek Debbarma	O
2	Ambalika Singha Roy	A
3	Anima debbarma	B+
4	Anisha DebBarma	B+
5	Ankita Debnath	B
6	Barsha Debbarma	O
7	Bichal das	A+
8	Bidipta Banik	B
9	Bipriya Chakraborty	B+
10	Debadrita Deb	B
11	Esha Debbarma	A
12	Isiri Debbarma	B+
13	Jui Das	A
14	Kaberi Debbarma	A+
15	Lily Debbarma	A
16	Lisha Debbarma	A
17	Newton Tripura	B
18	Portia Roychowdhury	A
19	Purba Dey	O
20	Raj Jamatia	C
21	Rimi Chakma	B
22	Ruli debbarma	A
23	Shelina Debbarma	B
24	Snehankita Das	B
25	Somraj Dey	A+
26	Souradip Roy	O
27	Sreerupika Roy	O
28	Sreyshi Purkayastha	O
29	Subhajit Debbarma	A+
30	Subhajit paul	B+
31	Subhrapratim Bhattacharya	B
32	Sumedha Das	A
33	Swapnendu Chakraborty	A+
34	Swikriti Majumder	A+
35	THAMAS DEBBARMA	B+
36	Tuhin Singha	B


 30/09/2024
 HoD, Human Physiology

HEAD
 Department of Human Physiology,
 HOLY CROSS COLLEGE, AGARTALA

B.Sc Human Physiology (Major) - 1st Semester
Subject : Human Physiology (Major) Paper-1 Theory
Date : 02-09-2024 , Period : 1
Topic Discussed : Bridge Course End Term Exam
Class Taken By : Susmita Saha - HCC/TF/046/2020

Roll No	Admission No	Name	Attendance
586	HCCHPHY2024002	ABHISHEK DEBBARMA	Present
587	HCCHPHY2024016	AMBALIKA SINGHA ROY	Present
588	HCCHPHY2024019	ANIMA DEBBARMA	Present
589	HCCHPHY2024020	ANISHA DEBBARMA	Present
590	HCCHPHY2024005	ANKITA DEBNATH	Present
591	HCCHPHY2024031	BARSHA DEBBARMA	Present
592	HCCHPHY2024028	BICHAL DAS	Present
593	HCCHPHY2024015	BIDIPTA BANIK	Present
594	HCCHPHY2024004	DEBADRITA DEB	Present
595	HCCHPHY2024014	ESHA DEBBARMA	Present
596	HCCHPHY2024029	ISIRI DEBBARMA	Present
597	HCCHPHY2024030	JUI DAS	Present
598	HCCHPHY2024001	KABERI DEBBARMA	Present
599	HCCHPHY2024010	LILY DEBBARMA	Present
600	HCCHPHY2024009	LISHA DEBBARMA	Present
601	HCCHPHY2024023	NEWTON TRIPURA	Present
602	HCCHPHY2024035	PORTIA ROYCHOWDHURY	Present
603	HCCHPHY2024008	PURBA DEY	Present
605	HCCHPHY2024022	RIMI CHAKMA	Present
606	HCCHPHY2024013	RULI DEBBARMA	Present
607	HCCHPHY2024012	SADIA RAHMAN	Absent
608	HCCHPHY2024018	SHELINA DEBBARMA	Present
609	HCCHPHY2024034	SOMRAJ DEY	Present
610	HCCHPHY2024021	SOURADIP ROY	Present
611	HCCHPHY2024032	SREERUPIKA ROY	Present
612	HCCHPHY2024036	SREYSHI PURKAYASTHA	Present
613	HCCHPHY2024006	SUBHAJIT DEBBARMA	Present
614	HCCHPHY2024003	SUBHAJIT PAUL	Present
615	HCCHPHY2024024	SUBHRAPRATIM BHATTACHARJEE	Present
616	HCCHPHY2024027	SUMEDHA DAS	Present
617	HCCHPHY2024017	SURAJDEEP DEB	Absent
618	HCCHPHY2024033	SWAPNENDU CHAKRABORTY	Present
619	HCCHPHY2024026	SWIKRITI MAJUMDER	Present
620	HCCHPHY2024007	THAMAS DEBBARMA	Present
621	HCCHPHY2024025	TUHIN SINGHA	Present
622	HCCHPHY2024037	BIPRIYA CHAKRABORTY	Present
623	HCCHPHY2024038	SNEHANKITA DAS	Present
624	HCCHPHY2024039	ANUBHAB DATTA	Absent

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30/09/2024

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HOLY CROSS COLLEGE, AGARTALA

Accredited by NAAC with 'A+' Grade (Cycle:02)



Certificate of Completion

This certificate is awarded to

Abhishek Debbarma

of 1st Semester, Human Physiology Major for successfully completing the Bridge Course on Introductory Physiology, with grade O offered By Department of Human Physiology, Holy Cross College, Agartala in the academic year 2024-2025.

Dr. Susmita Saha
HoD, Human Physiology



Dr. Fr. Benny K. John, CSC
Principal, HCC



Jubatara, P.O., Lembucherra, Tripura W.-799009, Phone:+91 9402315672, www.holycrosscollege.in



HOLY CROSS COLLEGE, AGARTALA

Accredited by NAAC with 'A+' Grade (Cycle:02)



Certificate of Completion

This certificate is awarded to

Barsha Debbarma

of 1st Semester, Human Physiology Major for successfully completing the Bridge Course on Introductory Physiology, with grade **O** offered By Department of Human Physiology, Holy Cross College, Agartala in the academic year 2024-2025.

Dr. Susmita Saha
HoD, Human Physiology



Dr. Fr. Benny K. John, CSC
Principal, HCC



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