

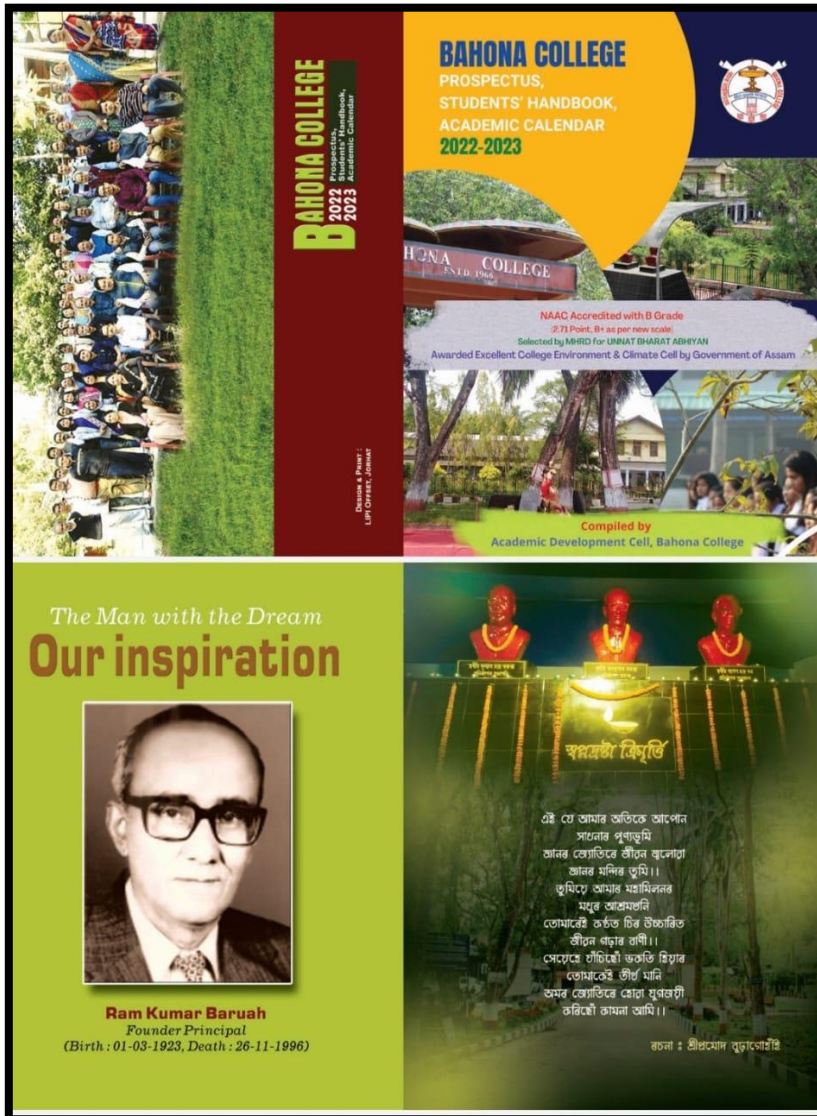


# BAHONA COLLEGE বাহনা মহাবিদ্যালয়

Affiliated to Dibrugarh University  
NAAC Accredited with A+ Grade (3.36 CGPA)

**AQAR 2022-23**

Metric No:	Heading
1.1.1	The Institution ensures effective curriculum delivery through a well-planned and documented process



Prospectus

*Sumbit*  
(Dr. Sumbit Chaliha)  
Principal,  
Bahona College



*Pankaj*  
(Dr. Pankaj Bora)  
Coordinator  
IQAC  
Bahona College, Jorhat  
Pin-785101



# BAHONA COLLEGE

## বাহনা মহাবিদ্যালয়

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**AQAR 2022-23**



### BAHONA COLLEGE

#### ACADEMIC AND ACTIVITIES CALENDAR

2022 to 2023  
(August 2022 to July 2023)

Dates	Events/Activities
5 <sup>th</sup> to 15 <sup>th</sup> August, 2022	Summer Semester Vacation for the Faculty members of the Colleges
12 <sup>th</sup> August, 2022	Librarians Day Celebration
13 <sup>th</sup> August, 2022	Completion of the Admission Process to the B.A./B.Sc./B.Com. 3rd and 5th Semester Classes (CBCS)
15 <sup>th</sup> August, 2022	Celebration of Independence Day
16 <sup>th</sup> August, 2022	Commencement of Odd Semester Classes of B.A./B.Sc./B.Com. Programmes (CBCS) Notification of Class Routine in the Colleges. Notification of Course Plan/ Departmental Class Routine in the Dept. Notice Boards of the Colleges.
16 <sup>th</sup> to 20 <sup>th</sup> August, 2022	Induction/Orientation Programme (Any one or two days)
25 <sup>th</sup> to 27 <sup>th</sup> August, 2022	Fresher's Social in the department and college Freshers' Day (One day for department and one day for college Freshers' Day)
29 <sup>th</sup> August, 2022	National Sports Day Celebration
By 30 <sup>th</sup> August, 2022	Declaration of the B.A. / B.Sc./B.Com. End Semester Examination Results (CBCS and Non CBCS Backlog)
5 <sup>th</sup> September, 2022	Teachers' Day Celebration
6 <sup>th</sup> September to 10 <sup>th</sup> September, 2022	Field Survey/ Field Visit/ Industry Visit (Any one or two days)
September, 2022	Library Orientation Program for newly admitted students Book Exhibition
September, 2022	Parents Teachers Meet by departments (Any One Day)

#### Academic Calendar

*Sumbit*  
(Dr. Sumbit Chaliha)  
Principal,  
Bahona College



*Pankaj*  
(Dr. Pankaj Bora)  
Coordinator  
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## Orientation Program

Organized by Committee on Curricular Aspects under IQAC

**Bahona College**

A two days Orientation Program for the newly admitted B.A/B.Sc/ 1<sup>ST</sup> Semester students was organized by the Committee on Curricular aspect on 2<sup>nd</sup> August 2023 and 3<sup>rd</sup> August 2023. The detail of the programme was:

### ORIENTATION PROGRAMME FOR BA/BSc 1<sup>ST</sup> SEMESTER STUDENTS, 2023 Organized by Committee on Curricular Aspects under IQAC Bahona College

Venue: Auditorium, Bahona College

Date	Time	Topic	Resource Person
2.8.2023	10.00 a.m to 11.00 a.m.	College Song; and Welcome Address	Dr. Shantana Saikia Principal, Bahona College
	11.00 am to 11.20	About the college, website and IQAC	Dr. Pankaj Bora Coordinator, IQAC, Bahona College
	11.20 am to 11.40	Code of conduct	Dr. Rafique Ahmed Vice Principal, Bahona College
	11.40 am to 12.00	Course Structure under NEP	Dr. Mridul Dutta Coordinator, NEP
	12.00 to 12.30 PM	Infrastructure and Learning resources.	Dr. Anupam Chanda Librarian, Bahona College
	12.30 to 12.45 PM	Certificate Course	Ilaxi Bora, Convener, Committee on Curricular Aspects
	12.45 to 1.00 PM	Role of Student and Student Union	Nilutpal Papagi, GS, BCSU

Date	Time	Topic	Resource Person
3.8.2023	1.15 pm to 1.30 PM	Gender sensitization	Dr. Parinita Borah
	1.30 to 1.45	Grievance Redressal System	Dr. Sangesta Das
	1.45 to 2.00	NCC	Dilip Tamang
	2.00 to 2.15 PM	NSS	Bhaskar Dowerah
	2.15 PM to 2.40	Time Management, Smart Work, ICT Skills	Dr. Bikramaditya Baknial
	2.40 to 3.00	Awareness on Cyber Security and Social Media uses	Dr. Himanshu Rajbangshi
	3 pm to 3.15	Environmental Awareness: Our initiative	Dr. Manash Jyoti Borah

Support staff for the programme:

Paresh Kalita

Gouri Shankar Bora

*(Signature)*  
Ilaxi Bora  
Convener,  
Committee on Curricular Aspects, IQAC

*(Signature)*  
(Dr. Santana Saikia)  
Principal, Bahona College

## Orientation Report

(Dr. Sumbit Chaliha)

Principal,  
Bahona College



(Dr. Pankaj Bora)

Coordinator  
IQAC  
Bahona College, Jorhat  
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**AQAR 2022-23**

## ORIENTATION PROGRAMME

FOR BA/BSc 1ST SEMESTER STUDENTS, 2023

Date: 2nd and 3rd August 2023

Organized by Committee on Curricular  
Aspects Under IQAC Bahona College

VENUE:

BAHONA COLLEGE AUDITORIUM



Orientation Programme

*semit*  
(Dr. Sumbit Chaliha)  
Principal,  
Bahona College



*Pankaj Bora*  
(Dr. Pankaj Bora)  
Coordinator  
IQAC  
Bahona College, Jorhat  
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# BAHONA COLLEGE

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**AQAR 2022-23**

Bahona College:: Degree (Even sem.) Provisional Class Routine w.e.f. 17/01/2023

Monday	9.15 AM-10.00 AM	10.15 AM-11.15 AM	11.15 AM-12.15 PM	12.15 PM-1.15 PM	1.15 PM-2.15 PM	2.15 PM-3.15 PM	3.15 PM-4.15 PM
R.A. 2ND SEM	ALL HONOURS ENG-79, ECO-43 ENG-D, EDC-24 HIST-40, POL-SC-01	ALL HONOURS ENG-79, ECO-43 ENG-D, EDC-24 HIST-40, POL-SC-01	ALL HONOURS ENG-79, ECO-43 ENG-D, EDC-24 HIST-40, POL-SC-01	ALL HONOURS ENG-79, ECO-43 ENG-D, EDC-24 HIST-40, POL-SC-01	ALL HONOURS ENG-79, ECO-43 ENG-D, EDC-24 HIST-40, POL-SC-01	Monitoring	
R.A. 4TH SEM	ALL HONOURS ENG-D, ECO-43 ENG-D, EDC-24 POL-SC-01, HIST-08	ALL HONOURS ENG-D, ECO-43 ENG-D, EDC-24 POL-SC-01, HIST-08	ALL HONOURS ENG-D, ECO-43 ENG-D, EDC-24 POL-SC-01, HIST-08	ALL HONOURS ENG-D, ECO-43 ENG-D, EDC-24 POL-SC-01, HIST-08	ALL HONOURS ENG-D, ECO-43 ENG-D, EDC-24 POL-SC-01, HIST-08	Library	ALL HONOURS ENG-D, ECO-43 ENG-D, EDC-24 POL-SC-01, HIST-08
R.A. 6TH SEM	ALL HONOURS ENG-D, ECO-43 ENG-D, EDC-24 POL-SC-01, HIST-08	ALL HONOURS ENG-D, ECO-43 ENG-D, EDC-24 POL-SC-01, HIST-08	ALL HONOURS ENG-D, ECO-43 ENG-D, EDC-24 POL-SC-01, HIST-08	ALL HONOURS ENG-D, ECO-43 ENG-D, EDC-24 POL-SC-01, HIST-08	ALL HONOURS ENG-D, ECO-43 ENG-D, EDC-24 POL-SC-01, HIST-08	Remedial Class	
R.S.C. 2ND SEM	ALL HONOURS (DEPT.)	ALL HONOURS (DEPT.)	ALL HONOURS (DEPT.)	ALL HONOURS (DEPT.)	ALL HONOURS (DEPT.)	ALL HONOURS PRACTICAL (Theory class for subjects with less number of practical papers)	
R.S.C. 4TH SEM	ALL HONOURS (DEPT.)	ALL HONOURS (DEPT.)	ALL HONOURS (DEPT.)	ALL HONOURS (DEPT.)	ALL HONOURS (DEPT.)	ALL HONOURS PRACTICAL (Theory class for subjects with less number of practical papers)	
R.S.C. 6TH SEM	ALL HONOURS (DEPT.)	ALL HONOURS (DEPT.)	ALL HONOURS (DEPT.)	ALL HONOURS (DEPT.)	ALL HONOURS (DEPT.)	Seminar/GD (optional)	

Tuesday	9.15 AM-10.15 AM	10.15 AM-11.15 AM	11.15 AM-12.15 PM	12.15 PM-1.15 PM	1.15 PM-2.15 PM	2.15 PM-3.15 PM	3.15 PM-4.15 PM
R.A. 2ND SEM	ALL HONOURS ENG-79, ECO-43 ENG-D, EDC-24 HIST-40, POL-SC-01	ALL HONOURS ENG-79, ECO-43 ENG-D, EDC-24 HIST-40, POL-SC-01	ALL HONOURS ENG-79, ECO-43 ENG-D, EDC-24 HIST-40, POL-SC-01	ALL HONOURS ENG-79, ECO-43 ENG-D, EDC-24 HIST-40, POL-SC-01	ALL HONOURS ENG-79, ECO-43 ENG-D, EDC-24 HIST-40, POL-SC-01		
R.A. 4TH SEM	ALL HONOURS ENG-D, ECO-43 ENG-D, EDC-24 POL-SC-01, HIST-08	ALL HONOURS ENG-D, ECO-43 ENG-D, EDC-24 POL-SC-01, HIST-08	ALL HONOURS ENG-D, ECO-43 ENG-D, EDC-24 POL-SC-01, HIST-08	ALL HONOURS ENG-D, ECO-43 ENG-D, EDC-24 POL-SC-01, HIST-08	ALL HONOURS ENG-D, ECO-43 ENG-D, EDC-24 POL-SC-01, HIST-08		
R.A. 6TH SEM	ALL HONOURS ENG-D, ECO-43 ENG-D, EDC-24 POL-SC-01, HIST-08	ALL HONOURS ENG-D, ECO-43 ENG-D, EDC-24 POL-SC-01, HIST-08	ALL HONOURS ENG-D, ECO-43 ENG-D, EDC-24 POL-SC-01, HIST-08	ALL HONOURS ENG-D, ECO-43 ENG-D, EDC-24 POL-SC-01, HIST-08	ALL HONOURS ENG-D, ECO-43 ENG-D, EDC-24 POL-SC-01, HIST-08		
R.S.C. 2ND SEM	ALL HONOURS (DEPT.)	ALL HONOURS (DEPT.)	ALL HONOURS (DEPT.)	ALL HONOURS (DEPT.)	ALL HONOURS (DEPT.)	ALL HONOURS PRACTICAL (Theory class for subjects with less number of practical papers)	
R.S.C. 4TH SEM	ALL HONOURS (DEPT.)	ALL HONOURS (DEPT.)	ALL HONOURS (DEPT.)	ALL HONOURS (DEPT.)	ALL HONOURS (DEPT.)	ALL HONOURS PRACTICAL (Theory class for subjects with less number of practical papers)	
R.S.C. 6TH SEM	ALL HONOURS (DEPT.)	ALL HONOURS (DEPT.)	ALL HONOURS (DEPT.)	ALL HONOURS (DEPT.)	ALL HONOURS (DEPT.)	ALL HONOURS PRACTICAL (Theory class for subjects with less number of practical papers)	

Wednesday	9.15 AM-10.15 AM	10.15 AM-11.15 AM	11.15 AM-12.15 PM	12.15 PM-1.15 PM	1.15 PM-2.15 PM	2.15 PM-3.15 PM	3.15 PM-4.15 PM
R.A. 2ND SEM	ALL HONOURS ENG-79, ECO-43 ENG-D, EDC-24 HIST-40, POL-SC-01	ALL HONOURS ENG-79, ECO-43 ENG-D, EDC-24 HIST-40, POL-SC-01	ALL HONOURS ENG-79, ECO-43 ENG-D, EDC-24 HIST-40, POL-SC-01	ALL HONOURS ENG-79, ECO-43 ENG-D, EDC-24 HIST-40, POL-SC-01	ALL HONOURS ENG-79, ECO-43 ENG-D, EDC-24 HIST-40, POL-SC-01	Remedial Class/Monitoring	
R.A. 4TH SEM	ALL HONOURS ENG-D, ECO-43 ENG-D, EDC-24 POL-SC-01, HIST-08	ALL HONOURS ENG-D, ECO-43 ENG-D, EDC-24 POL-SC-01, HIST-08	ALL HONOURS ENG-D, ECO-43 ENG-D, EDC-24 POL-SC-01, HIST-08	ALL HONOURS ENG-D, ECO-43 ENG-D, EDC-24 POL-SC-01, HIST-08	ALL HONOURS ENG-D, ECO-43 ENG-D, EDC-24 POL-SC-01, HIST-08	Remedial Class	
R.A. 6TH SEM	ALL HONOURS ENG-D, ECO-43 ENG-D, EDC-24 POL-SC-01, HIST-08	ALL HONOURS ENG-D, ECO-43 ENG-D, EDC-24 POL-SC-01, HIST-08	ALL HONOURS ENG-D, ECO-43 ENG-D, EDC-24 POL-SC-01, HIST-08	ALL HONOURS ENG-D, ECO-43 ENG-D, EDC-24 POL-SC-01, HIST-08	ALL HONOURS ENG-D, ECO-43 ENG-D, EDC-24 POL-SC-01, HIST-08	Tutorial class	
R.S.C. 2ND SEM	ALL HONOURS (DEPT.)	ALL HONOURS (DEPT.)	ALL HONOURS (DEPT.)	ALL HONOURS (DEPT.)	ALL HONOURS (DEPT.)	ALL HONOURS PRACTICAL (Theory class for subjects with less number of practical papers)	
R.S.C. 4TH SEM	ALL HONOURS (DEPT.)	ALL HONOURS (DEPT.)	ALL HONOURS (DEPT.)	ALL HONOURS (DEPT.)	ALL HONOURS (DEPT.)	ALL HONOURS PRACTICAL (Theory class for subjects with less number of practical papers)	
R.S.C. 6TH SEM	ALL HONOURS (DEPT.)	ALL HONOURS (DEPT.)	ALL HONOURS (DEPT.)	ALL HONOURS (DEPT.)	ALL HONOURS (DEPT.)	ALL HONOURS PRACTICAL (Theory class for subjects with less number of practical papers)	

### Class Routine

(Dr. Sumbit Chaliha)  
Principal,  
Bahona College



(Dr. Pankaj Bora)  
Coordinator  
IQAC  
Bahona College, Jorhat  
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**AQAR 2022-23**



Bahona College  
Jorhat, Assam  
**LESSON PLAN**  
Department of Botany



Name of the teacher: Bhaskar Dowarah		Signature of the teacher: <i>Bhaskar Dowarah</i> 17/01/2023		
Academic year: 2022-2023 (Even Semester) <b>Classes starting from 17-01-2023</b>				
Programme: B. Sc in Botany				
Semester: 2 <sup>nd</sup> Semester CBCS Gen	Course Title: Plant Physiology and Metabolism		Course Code: GE2	
Course objectives: The objective of this course is to expose the students to the essential concepts of plant physiology.				
Course outcomes: On completion of this course, the students will be able to understand: <ol style="list-style-type: none"> <li>The process of photosynthesis</li> <li>Understand enzyme kinetics, enzyme inhibition.</li> </ol>				
Day	Unit(s)	Topic	Teaching methods and teaching aids planned	Remarks
1	Unit 4: Photosynthesis	Photosynthetic Pigments (Chl. a, b, xanthophylls, carotene)	ICT, lecture and interaction	
2	Unit 4: Photosynthesis	Photosystem I and II, reaction center, antenna molecules	ICT, lecture and interaction	
3	Unit 4: Photosynthesis	Electron transport and mechanism of ATP synthesis	ICT, lecture and interaction	
4	Unit 4: Photosynthesis	C3, C4	ICT, lecture and interaction	
5	Unit 4: Photosynthesis	CAM pathways of carbon fixation	ICT, lecture and interaction	
6	Unit 4: Photosynthesis	Photorespiration	ICT, lecture and interaction	
10	Unit 6: Enzymes	Structure and properties	ICT, lecture and interaction	
11	Unit 6: Enzymes	Mechanism of enzyme catalysis	ICT, lecture and interaction	
12	Unit 6: Enzymes	Enzyme inhibition	ICT, lecture and interaction	
13	Unit 6: Enzymes	Enzyme inhibition	ICT, lecture and interaction	

*Bhaskar Dowarah*  
9/5/2023

*Pankaj Bora*  
9/5/23  
HoD  
DEPARTMENT OF BOTANY  
BAHONA COLLEGE JORHAT

## Lesson Plan

*Sumbit Chaliha*  
(Dr. Sumbit Chaliha)  
Principal,  
Bahona College



*Pankaj Bora*  
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CBCS (5<sup>TH</sup> SEM) JULY - DEC. 2023  
LESSON PLAN (DSE-2)  
BSC HONOURS (STATISTICS)

PAPER CODE & TOTAL MARKS	COURSE	NAME OF THE TEACHER	PAPER UNIT	TOTAL MARKS	TOTAL LESSONS	CONTENTS	REQUIRED CLASS	TEACHING METHOD/ AIDS	SIG. WITH DATE
DSE paper in Statistics Total Marks: 100 In Sem: 20 End sem: 80 Theory: 50 Practical: 30	DSE-2 Time series Analysis	Shyamali Duta	I	14	Lessons: 06 (Tutorial: 2)	Introduction to time series data, application of time series from various fields. Components of a time series. Decomposition of time series.	2	Lecture method & use of blackboard	Completed <i>Pankaj Bora</i>
						Trend: Estimation of trend by free hand curve.	1	-do-	Completed <i>Pankaj Bora</i>
						Method of semi-averages.	1	-do-	Completed <i>Pankaj Bora</i>
						Fitting a various mathematical curve & growth curves.	2	-do-	Completed <i>Pankaj Bora</i>
						Method of moving averages.	1	-do-	Completed <i>Pankaj Bora</i>
II	14	Lessons: 06 (Tutorial: 2)				Detrending.	2	-do-	Completed <i>Pankaj Bora</i>
						Effect of elimination of trend on other components of the time series.	2	-do-	Completed <i>Pankaj Bora</i>
						Seasonal Components: Estimation of seasonal component by method of simple averages, Ratio to trend.	3	-do-	Completed <i>Pankaj Bora</i>

HOD  
Deptt. Statistics  
Bahona College

Deptt. Statistics  
Bahona College

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AQAR 2022-23

**Bahona College**  
**Jorhat, Assam**  
**Syllabus Completion Certificate** (S.B.)  
2022

This is to certify that I/We have entirely covered the syllabus of the programme/course/paper that was allocated to me/us as indicated below:

COURSE/PAPER NO	TITLE OF THE COURSE/PAPER	THEORY/PRACTICAL	REMARKS
Core Paper (Specification)	STAT-2-201: Probability & Probability Distributions (Unit I & II)	Theory + Practical	Completed
Core Paper (Specification)	STAT-2-202: Algebra (Unit I & II)	Theory	Completed
Core Paper (Specification)	STAT-2-203: Introductory Probability (Unit I & II)	Theory + Practical	Completed
Core Paper (Specification)	STAT-2-204: Statistical Inference (Unit I & II)	Theory + Practical	Completed
Core Paper (Specification)	STAT-2-205: Statistical Inference (Unit I & II)	Theory + Practical	Completed

Signature of the Faculty Member: *[Signature]*

Seal and Signature of the Head of Institution: *[Signature]*  
Head of Institution  
Bahona College  
Jorhat (Assam)

Course Completion Certificate

*semit*  
(Dr. Sumbit Chaliha)  
Principal,  
Bahona College



*[Signature]*  
(Dr. Pankaj Bora)  
Coordinator  
IQAC  
Bahona College, Jorhat  
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AQAR 2022-23



Bahona College  
Jorhat, Assam

## Syllabus Completion Certificate

This is to certify that I/We have entirely covered the syllabus of the program/course/paper that was allocated to me/us as indicated below:

BA (HONOURS):	PROGRAM/MAE (Please put tick mark)	EDUCATION
---------------	------------------------------------	-----------

COURSE/PAPER NO	TITLE OF THE COURSE/PAPER	THEORY/PRACTICAL	REMARKS
C1	Foundations of Education	THEORY	Completed
Hivels	Philosophical Foundations of Education	THEORY	Completed
GEC	Life and Education	THEORY	Completed
VAC 2	Health and Wellness	THEORY	Completed
EDNH 301 4EB2002 SEC-3	Great Educators & Educational Thought Herald Health Issues	THEORY	Completed
DEED 501	Expt. Psychology & Laboratory Practical Guidance & Counselling.	THEORY	Completed

Signature of the Faculty Member

Seal and Signature of the HoD

## Course Completion Certificate

(Dr. Sumbit Chaliha)  
Principal,  
Bahona College



(Dr. Pankaj Bora)  
Coordinator  
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