

# PROGRAMMES OFFERED

## POSTGRADUATE PROGRAMMES

*Master of Arts in English*  
*Master of Arts in Political Science*  
*Master of Science in Environmental Science*  
*Master of Science in Geology*

## UNDERGRADUATE PROGRAMMES

*Bachelor of Arts*  
(Economics, Education, English, History, Pol. Science, Philosophy)  
*Bachelor of Science*  
(Botany, Chemistry, Geology, Mathematics, Physics, Zoology)  
*Bachelor of Commerce*  
*Bachelor of Computer Applications*  
*Bachelor of Music*  
*B. Voc. (Multimedia & Mass Communication)*

## ADD-ON COURSES

*NCC Army Wing*  
*NCC Air Wing*

## DIPLOMA AND CERTIFICATE PROGRAMMES

*Diploma in Web Designing (KAUSHAL)*  
*Diploma in Music (KAUSHAL)*  
*Certificate in Applied Electronics and Computer Hardwares*  
*Certificate in Communication Skills*  
*Certificate in Counselling*



46 YEARS  
OF ACADEMIC EXCELLENCE

*Light  
and  
Truth*

[www.patkaicollege.edu.in](http://www.patkaicollege.edu.in)

**PCC**

Chümoukedima - Seithekema, Dimapur, Nagaland  
B.P.O Patkai 797103  
Affiliated to Nagaland University

**“A College with Potential for Excellence”**  
**NAAC Accreditation ‘A’**

Patkai Christian College (Autonomous)

**PROSPECTUS**  
**2020 - 21**

PATKAI CHRISTIAN COLLEGE

# Bachelor of Vocational Degree in Multimedia & Mass Communication



## CAREERS:

- Editor:
  - video
  - Newspaper
  - Magazine
  - Photography
  - Music
- Journalism:
  - journalists
  - Tv anchor
  - video journalist
  - photo journalists
- Communication Officer
  - UN
  - WHO
  - UNICEF
  - Central govt. schemes and projects
  - Entrepreneurs
- Public Relation Officer:
  - Govt , depts
  - Political sectors
  - Corporate sector
  - Business firms
  - Educational Institutes
  - Media

Designed by  
Sunil Nayak & Poluto Soho  
Department of Mass Communication

## MARGARET SHISHAK SCHOOL OF MUSIC

MSSM of Patkai Christian College (Autonomous) is being established to provide quality music education for North-East India and beyond.

**Vision Statement**  
To provide students with a strong musical foundation, and effective musicianship and leadership skills so that they will be equipped to serve God in the field of music.

### Bachelor of Music

#### Course Duration

- Bachelor of Music Degree - 6 Semesters (3 years)
- Bachelor of Music Honours Degree - 8 Semesters (4 years)

#### Course Content

The curriculum fosters personal growth and creativity with a focus on Western classical, sacred, and ethnic music.

Every Semester includes Applied Music (Individual tuition in one instrument), Performance Lab & Ensemble.

**Year 1:** English, Research Skills, Bible, Music Theory, Aural Skills, Choir, Music Appreciation, Class Piano, Introduction to Conducting, Form in Music.

**Year 2:** English, Bible, Theory, Aural Skills, Choir, Music History & Literature (Medieval & Renaissance), Class Voice, Introduction to Church Music, Choral Conducting, Congregational Song, World Music.

**Year 3:** Music History Literature (Baroque – 20<sup>th</sup> Century), Introduction to Ethno Music, Choral Conducting, Music Education, Composition & Arranging, Music Computer Application, Music Elective, Choir, Non-Music Subject.

**Year 4:** Students major in Applied Music, Conducting or Sacred Music. These include the following courses:

**Applied:** Literature, Pedagogy, Vocal Diction (Vocalists) Keyboard Harmony (Pianists), Senior Recital.

**Conducting:** Choral Literature, Choral Diction, Advanced Conducting, Voice Pedagogy, Senior Recital.

**Sacred Music:** Music & Worship, Philosophy of Church Music (CM), CM Administration, CM Ministries, Senior Project.

#### Eligibility/Requirements

- Minimum qualifications required:
- \*Class XII passed with minimum of 45% marks in any stream. - Result awaited students also apply for audition.
  - \*Music Theory equivalent to Grade 5 Trinity or ABRSM.
  - \*Music Practical equivalent to Grade 3 Trinity or ABRSM (Students wishing to major in Applied Music in Year 4 should be Grade 5 level on entry.)

#### Application Process:

March-April: Applicants must submit the duly filled Audition Form with all required documents to Patkai College Office by April 25.  
Class 12 students apply with results pending.

May: Eligible applicants are called for audition and entrance test. At audition, applicants perform one piece and are interviewed by the Faculty. Music Theory knowledge is assessed by the Entrance Test taken on the same day. Results of the audition are given within a week.

July: Semester begins.

The MSSM is continuing to seek support from churches, organizations and individuals for finance, prayer, and human resources, in order to fully realize this music centre. Will you help us equip and nurture future generations of dedicated musicians? Will you help us provide accessible music education that will enable many to pursue music study so that they can serve in churches, schools, and other venues?

#### Our needs include:

- Classroom and library furniture,
- Auditorium seating, a grand piano
- Lift (elevator) for easy access to higher floors

For further information please contact:  
Dr. Vivee Peseye, Dean of Music  
Mrs. Margaret Shishak, Director of Music  
Email: patkaicollege@gmail.com  
Phone: 91-94362 76750

# PROSPECTUS 2020–21

PATKAI CHRISTIAN COLLEGE (Autonomous)  
Chümoukedima – Seithekema  
B.P.O. Patkai – 797 103  
Dimapur – Nagaland

Affiliated with the Nagaland University  
A College with Potential for Excellence  
NAAC Re-accreditation: 'A'  
A Postgraduate College

[www.patkaicollege.edu.in](http://www.patkaicollege.edu.in)

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**TENTATIVE CALENDAR FOR 2020-2021 ACADEMIC YEAR**

Month	Date	Events
<b>2020</b>		
	16	Employees meeting
July	17	Arrival of students
	18	08:30 - 9:30 Chapel for 3rd and 5th Sems UG and 3rd Sem PG
		09:30 - 11:00 Chapel -Orientation for 1st Sem. (UG)
		11:30 onwards Orientation in respective departments
August	1	Declaration of repeat end semester results
	15	Independence Day
	28	College Foundation Day
September	2 - 10'	Internal Examinations (UG)
	14	Annual Social
October	2	Gandhi Jayanti
	4	Patkai Christian College Day
	8 - 11'	Repeat/Improvement Internal Examinations
	14 - 19'	Form Fill-up for End Semester Examinations
	16 - 18	Community Retreat
	23	Puja Holiday
	28 - 2 Nov	College Week
November	14	Board of Trustees meeting
	29	Thanksgiving Day and Pre-Christmas Concert
	18-13 Dec.	End Semester Examinations
December	1	Statehood Day
	14	Winter vacation
<b>2021</b>		
January	14	Arrival of students
		Faculty meeting
	15	Combined chapel for students
	26	Republic Day
February	7	Alumni Association Day
March	1 - 6'	Internal Examinations
	8 - 13'	Form Fill-up for End Semester Examinations
	27	Students' Union Election
April	5 - 8'	Repeat Improvement Internal Examinations
	9	Good Friday
	10	Board of Trustees meeting
	17	Tribal Students' Union Elections
May	3 - 30'	End Semester Examinations
	13	Eid - Ul - Fitre
	25 - 30'	Repeat End Semester Examinations (Old Course)
June	1 - 18'	Repeat End Semester Examinations for 2017 Batch
	14	Summer vacation

**Introducing the college**

Patkai Christian College is a liberal arts college founded and established on 28 August, in 1974 to provide subjects of study that strive to develop students' knowledge and ability to think. Patkai, as a Christian college firmly believes that education is for the whole man within the framework of spiritual and moral absolutes. Like every christian college, Patkai has the difficult task of retaining its traditional stance while seeking to make its educational philosophy relevant to the world around it. Committed to the principle that the truth is revealed by God through Christ "...in Whom are hidden all the treasures of wisdom and knowledge" (Col. 2:3), Patkai seeks to place all its activities within the framework of biblical perspective specially on such critical issues as the nature of God, man, nature, and the world, and to relate its instruction to the needs of contemporary society.

**Motto**

The central purpose of the college is expressed in its motto: "Lux et Veritas: Light and Truth". This purpose produces a concern for truth, righteousness and beauty and thereby gives meaning to the ideal of a christian liberal arts college. The founders of the college maintain that academic excellence and biblical christian faith and practice are essential to that purpose. Patkai consciously seeks to aid the students in developing habits which will contribute to their well-being - physical, psychological and spiritual - and which will enable them to participate constructively in community and church life.

**History**

Patkai was born on 28 August, 1974 out of the prayers of Christians in Nagaland and Manipur, and overseas. The Nagaland Baptist Church Council and Manipur Baptist Convention are the major sponsoring bodies. However the college is not a denominational institution.

**Benchmarks**

- 1974 : Started on 28th August
- 1975 : Provisional Affiliation with NEHU
- 1985 : Honours program in Arts
- 1986 : Permanent Affiliation with NEHU
- 1994 : Affiliation with NEHU transferred to NU.
- 1997 : B.Sc. started
- 1998 : Honours in Science
- 2004 : Accredited B++ Grade by NAAC
- 2005 : Conferred 'Autonomous Status' by UGC
- 2010 : Reaccredited 'A' Grade with CGPA of 3.06 by NAAC
- 2010 : Conferred 'CPE Status' by UGC
- 2011 : 'Autonomy' period extended till 2017
- 2012 : Bifurcated Higher Secondary Education from Degree as per UGC recommendation
- 2013 : Skill Based Certificate and Diploma Courses introduced
  - : M.A.in English and M.Sc.in Environmental Science
  - : Recognised as PG College by UGC
- 2014 : CPE period extended till March 2019
  - : M.Sc. in Geology and Bachelor of Music started
  - : More Skill Based Certificate and Diploma Courses introduced

**HEALTHCARE**

- Ms. Wontanmi : Nurse
- Mr. Thepfusatuo Chatsu : Lab Technician

**LIBRARY SECTION**

- Ms.Kaini Jenifer : Librarian
- Ms.M. Ringpham Khumba : Asst. Librarian
- Ms. R. Prava Devi : Library Asst.
- Mr. Sairol Aimol : Library Asst.
- Mr. Bikky Mech : Peon

**LABORATORY SECTION**

- Mr. Shovi Singh : Lab Asst. (Botany)
- Mr. Ranjit Bora : Lab Asst. (Geology)
- Mr. Kowepe : Lab Asst. (Chemistry)
- Mr. Biswajit Borah : Lab Asst. (Physics)
- Ms. Ringtharwon Shimray : Lab Bearer (Chemistry)
- Mr. Ruküveta Rhakho : Lab. Asst. (Zoology)

**FIELD STAFF**

- Mr. Abu Hanifa : Work Supervisor
- Mr. Shahid Ullah : Farm Manager
- Mr. Pelesü Chase : Godown Manager

**ELECTRONICS SECTION**

- Mr. Chingri Luikham

**20. GRIEVANCE APPEAL COMMITTEE ( For employees)**

- 20.1 Principal (Chairman)  
 20.2 Vice-Principal  
 20.3 OSD  
 20.4 Faculty representative to BoT (2)  
 20.5 Accounts Officer  
 20.6 Librarian

**ADMINISTRATION**

Dr. Thepüvilie Pierü	:	Principal
Ms. Angel Sonari	:	Vice Principal
Mr. Visazo Chase	:	Dean of Students
Dr. Reingamla Tetso	:	Dean of Sciences
Dr. Renchumi Kikon Kuotsu	:	Dean of Social Sciences
Dr. Vivee Peseyie	:	Dean of Music
Dr. Timothy Langwangbe	:	Admission Director
Mr. Razouvotuo Chatsu	:	O.S.D.
Rev. Vichükho Ngukha	:	Chaplain
Mr. Babu Daniel	:	Nodal Officer (UGC)

**EXAMINATION SECTION**

Mr. A.G. Samuel	:	Controller of Examinations
Mr. Philemon Khumba	:	Assistant Controller of Examinations
Mr. Rokosito Angami	:	Office Assistant
Ms. Ruokuosienuo Nguzhü	:	Office Assistant

**GENERAL SECTION**

Mr. E.M. Joseph	:	Office Head Assistant
Ms. Mariamma Cherian	:	Typist
Mr. Nazim Uddin Ahmed	:	Office Assistant (UGCRC)
Mr. Somingam Shimray	:	Office Assistant
Mr. Jitu Pradhan	:	Office Assistant (MSSM)
Ms. Mechüseno Chase	:	Office Assistant (MSSM)

**ACCOUNTS SECTION**

Mr. N. Kiso	:	Accounts Officer
Mr. M. T. Kumar	:	Asst. Accountant
Ms. Dolly Daniel	:	Asst. Accountant
Ms. Chinsorin P. Rungung	:	Asst. Accountant
Mr. W. Rahman	:	Cashier

**HOSTELS**

Ms. Viravonuo Tase	:	Warden (Women)
Ms. Zubeni Patton	:	Warden (Women)
Ms. I Moaienla Imsong	:	Warden (Women)
Mr. Phungsurai Thiumai	:	Warden (Men)
Mr. Neikhalo Sono	:	Warden (Men)
Mr. Kiumusu Kips	:	Warden (Men)
Mr. Neisavilie Kehie	:	Warden (Men)

2016 : Reaccredited A Grade with CGPA of 3.24 for a period of 5 years from 19.01.2016 by NAAC  
 : Choice Based Credit System (CBCS) implemented as per UGC guidelines

2019 : Autonomous status extended till 2023-2024 academic year including 2017-18 to 2018-19  
 ex-post facto approval

: M. A. in Political Science started

**Location**

Patkai's 1000 acre site, donated by Chümoukedima and Seithekema villages, is located in a residential area across the river from Chümoukedima town, ten miles east of Dimapur on the way to Kohima. It is ten miles from the only railway station, and seven miles from the only airport in Nagaland. The present campus is hardly two furlongs from the National Highway 29, and another NHW is passing through the college campus.

**Vision**

The Vision of the College is "To impart quality education to the young people, especially the tribals, within the framework of spiritual and moral absolutes, catering to the socio-economic needs of the region and pursuit of science and technology for the welfare of the human society and the world as a whole."

**Mission**

- \* To impart biblical value based education
- \* To inculcate analytical and creative thinking
- \* To teach the use of knowledge for social and economic change
- \* To create and inspire a wholesome attitude for service
- \* To provide wholesome spiritual and moral education
- \* To disseminate and advance knowledge
- \* To produce future leadership for churches and societies.

**Statement of faith**

1. We believe that the sixty-six Canonical books of the Bible as originally written were fully inspired by God, hence free from errors. They constitute the only infallible guide in faith and practice.
2. We believe in the unity of the Father, the Son and the Holy Spirit in the Godhead.
3. We believe that Jesus Christ was begotten by the Holy Spirit, born of the Virgin Mary and is truly God and truly man.
4. We believe that man is created in the image of God, that he sinned and thereby incurred not only physical death, but also spiritual death which is separation from God; and that all human beings are born with a sinful nature.
5. We believe that the Lord Jesus Christ died for our sins, according to the Scripture, as representative and substitutionary sacrifice, and that all those who believe in Him are justified on the ground of His shed blood.
6. We believe in the resurrection of the crucified body of our Lord, in His ascension into heaven, and in His present life there for us as High Priest and Advocate.
7. We believe in "that Blessed Hope", the personal and imminent return of our Lord and Saviour, Jesus Christ.
8. We believe that all who receive by faith the Lord Jesus Christ are born again of the Holy Spirit, a hereby become children of God.
9. We believe in the personal existence of Satan.
10. We believe in the bodily resurrection of the just and the unjust, the everlasting blessedness of the saved and the everlasting punishment of the lost.

**The Ethics Code**

Patkai Christian College seeks to ensure that people are treated equitably regardless of gender, tribe, nationality, religion, economic status, and etc. Equality and diversity are integral to priorities and objectives of the college whose community life is governed by the ethical values such as responsibility and accountability, equality of respect and opportunity and collegiality.

**Healthcare**

First aids and ambulance services are made available on round the clock basis and a special scheme known as Social Security Scheme is in place for students and employees in case of sickness leading to hospitalization, operation or death while studying or working in the college.

**Co-curricular Activities**

The college offers skill enhancing, personality development, career promotion related co-curricular activities, namely NCC, NSS, Red Ribbon, games and sports, literary, cultural, career guidance seminars and talks, etc. on a regular basis proving itself to be true learner-centric in spirit and in letter.

**National Cadet Corps (NCC)**

The NCC imparts training in drilling, shooting, hygiene, games and sports, civic duties, aeromodelling, general knowledge, etc. NCC is also taught as an elective subject.

**National Service Scheme (NSS)**

The regular activities of NSS-Unit at Patkai include maintaining the NSS garden, NSS park, Children's park, and cleanliness of the college campus. The Unit also regularly organizes various programmes related to blood donation, tree plantation, visiting orphanages, cleanliness drive, swachh bharat, medical camp, special camping, etc. to keep NSS volunteers motivated for civic duties.

**Young Indians (Yi)**

Young Indians (Yi) is an integral part of the Confederation of Indian Industry, a non-government, non-profit, industry led managed organization playing a pro-active role in India's development process. Yi engages thousands of students across the country through Yi Yuva vertical, providing and promoting youth leadership skills through various learning programmes and activities, so as to enable the members to become effective leaders with a vision into the future.

**Alumni Association**

The Alumni Association of the college keeps former students connected. The association participates in the development of the college.

**National Cleanliness Mission**

In tune with the UGC directives, a new two-credit elective course incorporating the ideals of the *Swachha Bharat Abhiyan* introduced as a Summer Internship and widening the elective options under the CBCS, the new courses aims at instilling and inculcating a sustainable civic sense of hygienic living both at the individual and community levels. The course, designed to be imparted to a vast majority of students, will lead to earning additional credits while adding substance to the holistic pursuit of knowledge.

**Students' Affairs**

Students organize cultural, literary, games and sports programmes. They manage and publish college bulletin and the college annual magazine. The students operate under the aegis of the Dean of Students assisted by the Extra-Curricular Activity Committee consisting of few faculty members.

**12. SPIRITUAL MINISTRY COMMITTEE**

- 12.1 Chaplain (Chairman)
- 12.2 President, EGF
- 12.3 Presidents, EU Units
- 12.4 Superintendent, Sunday School
- 12.5 Staff-Incharge, Nagamese Fellowship

**13. MESS COMMITTEE, NC**

- 13.1 Dr. Timothy Langwangbe (Convenor)
- 13.2 Dean of Students
- 13.3 Mess Managers
- 13.4 General Secretaries of PGSWC and SUPCC (2)

**14. DISASTER MANAGEMENT COMMITTEE, NC**

- 14.1 Dean of Students (Convenor)
- 14.2 Programme Officer, NSS (Mr. Bendangnungsang)
- 14.3 ANO, NCC (Mr. Wetshete Thopi)
- 14.4 Mr. Neikhalo Sono (Warden)
- 14.5 Ms. Zubeni Patton (Warden)
- 14.6 Mr. Kiumusu Kips (Warden)

**15. INTERVIEW COMMITTEE, NC**

- 15.1 Principal, Chairman
- 15.2 Vice Principal
- 15.3 OSD representing BoT
- 15.4 Concerned Dean
- 15.5 Concerned HoD
- 15.6 Subject expert from NU (in case of faculty interview)
- 15.7 Principal, PHSS (if interview is for Hr. Sec. School)

**16. EXAMINATION COMMITTEE, NC**

- 16.1 Controller of Examinations (Chairman)
- 16.2 Principal
- 16.3 Vice-Principal
- 16.4 Deans (4)

**17. EXTRA-CURRICULAR ACTIVITIES COMMITTEE**

- 17.1 Dean of Students, Chairman
- 17.2 Vice Principal
- 17.3 Controller of Examinations
- 17.4 Presidents of PGSWC and SUPCC (2)

**19. PLANNING AND EVALUATION COMMITTEE**

- 19.1 Principal (Chairman)
- 19.2 OSD (Administrative Council, Chairman)
- 19.3 Accounts Officer
- 19.4 Vice-Principal
- 19.5 Academic Deans (3)



**5. FINANCE COMMITTEE**

- 5.1 The Principal (Chairman)
- 5.2 Assistant Treasurer (Mr. Razouvotuo Chatsu)
- 5.3 V.P. (Ms. Angel Sonari)
- 5.4 Accounts Officer of the College (Mr. Neichüvotuo Kiso)
- 5.5 Accounts Officer (NU, Medziphema Campus)

**6. ADMINISTRATIVE COUNCIL**

- 6.1 Principal, (Chairman)
- 6.2 Vice Principal
- 6.3 OSD
- 6.4 Controller of Examinations
- 6.5 Dean of Music
- 6.6 Dean of Social Sciences (Secretary)
- 6.7 Dean of Sciences
- 6.8 Dean of Students
- 6.9 Accounts Officer
- 6.10 Principal, PHSS Dean of Students

**7. INTERNAL QUALITY ASSURANCE CELL**

- 7.1 Vice Principal, Convenor
- 7.2 Principal
- 7.3 Controller of Examinations
- 7.4 HoDs (17)
- 7.5 Presidents of PGSWC and SUPCC (2)

**8. LIBRARY COMMITTEE**

- 8.1 Librarian (Convenor)
- 8.2 Principal
- 8.3 Accounts Officer
- 8.4 Academic Deans (3)

**9. ADMISSION COMMITTEE**

- 9.1 Admission Director
- 9.2 Controller of Examinations
- 9.3 Vice Principal
- 9.4 Academic Deans (3)

**10. ACADEMIC AUDIT COMMITTEE**

- 10.1 Controller of Examinations (Convenor)
- 10.2 Vice Principal
- 10.3 Assistant Controller of Examinations
- 10.4 Academic Deans (3)

**11. SOCIAL SECURITY SCHEME COMMITTEE**

- 11.1 Vice Principal (Convenor)
- 11.2 OSD
- 11.3 Accounts Officer
- 11.4 Dean of Students
- 11.5 Principal, PHSS

**Spiritual Ministry**

The Spiritual Ministry of the college consists of the College Community, the Nagamese Fellowship, the Sunday School, the Evangelical Union of the Undergraduate, the Evangelical Union of the Postgraduate, and the Evangelical Graduate Fellowship. The EUs and the EGF are part and parcel of the Union of Evangelical Students of India (UESI). Sunday Morning Worship Service, Passion Week and Community Retreat programmes are part of the responsibility of the Chaplain. The Spiritual Committee is manned by the Chaplain (Chairman), the presidents of the EUs and the EGF, the Superintendent of the Sunday School, the Faculty/staff-in-charge of the Nagamese Fellowship, the Bible Teacher (Secretary), and the president of the EGF. One more person may be opted by the Chairman, if necessary. The Nagamese Fellowship is for members who converse in languages other than English.

**About the Prospectus**

The prospectus is meant for persons interested to study at PCC. It provides a general introduction to the college, the academic programmes offered, life at the college, rules and regulations that govern life and study, financial information, opportunities, etc.

**N. B.** While care has been taken to ensure that the informations contained in this prospectus are accurate at the time of it being printed, circumstances might have arisen since that time that have caused certain pieces of information to no longer be accurate. The college will not be liable for information that becomes inaccurate or irrelevant.

**1. INTRODUCTION OF CHOICE-BASED CREDIT SYSTEM (CBCS) FROM THE 2016-17 ACADEMIC YEAR**

As part of the Human Resource Development initiative toward a new National Higher Education Policy, the University Grants Commission (UGC) has come up with a comprehensive and broad-based Choice-Based Credit System (CBCS) to be uniformly implemented by all higher educational institutions across the country at the under-graduate and post-graduate levels. The new educational policy, at par with international standards, is geared toward bringing equity, efficiency and academic excellence with special emphasis on innovation and improvement in curriculum design, a paradigm shift in learning and teaching pedagogy, and revamped examination and grading patterns. This system is described as “learner-centric” with a “cafeteria approach” allowing students to choose course from a wide range of disciplines: intra-disciplinary as well as inter-disciplinary, depending on the student’s interest in the subject(s) and career choice. In other words, the system offers opportunities to explore additional avenues of learning for holistic development while pursuing specialisation in the chosen subject of studies.

A very careful study of the new education policy, the CBCS, was made and the management of the college was convinced of many benefits that the new system can offer, the new policy was implemented by the college at the undergraduate level in most of the disciplines being taught in the college from the academic session 2016-17.

**SCHEME FOR CHOICE BASED CREDIT SYSTEM**

Semester	Core Course (14)	Ability Enhancement Compulsory Course (AECC)(2)	Skill Enhancement (SEC) (2)	Discipline Specific Elective (DSE) (4)	Generic Elective (GE)(4)
I	C1	(English Communication /MIL)/ Environmental Science			GE-1
	C2				
II	C3	Environmental Science/(English/MIL Communication)			GE-2
	C4				
III	C5		SEC-1		GE-3
	C6				
	C7				
IV	C8		SEC-2		GE-4
	C9				
	C10				
V	C11			DSE-1	
	C12			DSE-2	
VI	C13			DSE-3	
	C14			DSE-4	

**COMMITTEES:**

**1. BOARD OF TRUSTEES (BoT)**

- 1.1 General Secretary, NBCC
- 1.2 Another nominee of NBCC
- 1.3 General Secretary, MBC
- 1.4 Another nominee of MBC
- 1.5 Representative of Chümoukedima Village
- 1.6 Representative of Seithekema Village
- 1.7 Faculty Representatives (2)
- 1.8 Principal of the college (Secretary)
- 1.9 N.U. representative
- 1.10 Members from atlarge (5)
  - i. Rev. Dr. W. Pongsing (Chairman)
  - ii Mr. Niketu Iralu
  - iii. ....
  - iv. ....
  - v. ....

**2. GOVERNING BODY:**

- 2.1 Chariman, BoT (Chairman)
- 2.2 Representative to BoT from Chümoukedima
- 2.3 Representative to BoT from Seithekema Village
- 2.4 General Secretary, NBCC
- 2.5 General Secretary, MBC
- 2.6 Principal of the College (Member Secretary)
- 2.7 UGC Nominee (Dr. G.C. Hazarika)
- 2.8 Director of Hr. Education, Government of Nagaland
- 2.9 N.U. Nominee (Dr. Prabhakar)
- 2.10 Faculty Representatives (2)

**3. ACADEMIC COUNCILS**

- 3.1 Principal (Chairman)
- 3.2 Academic Deans
- 3.3 Controller of Examinations
- 3.2 HoDs (17 Disciplines)
- 3.3 Four teachers : Rallo Patton, Neilevono Vüprü, Dr. Phongshok Phom, Utpal Misra
- 3.4. Four experts from outside the college:
  - ..... representing Law
  - ..... representing Industry
  - ..... representing Health Science
  - ..... representing Entrepreneurship
- 3.5 Three nominees of NU not less than professors
- 3.6 A faculty member nominated by the Principal (Ms. Angel Sonari, VP)

**4. BOARD OF STUDIES**

- 4.1 HoD, Chairman
- 4.2 All faculty in the department concerned
- 4.3 Two external subject experts
- 4.4 One subject expert nominated by the Vice - Chancellor, NU
- 4.5 One representative from the Industry
- 4.6 An alumnus

11. No other materials except the additional sheets and any other paper supplied by the college for the purpose of making answers shall be appended to the answer books.
12. Examinees having completed the examination shall submit their answer book(s) to the invigilators before leaving the examination room. The answer book(s), even if blank shall, on no account, be left on the desk but shall be submitted to the invigilators. No examinees shall be allowed to remain in the examination room after the closure of the examination except to allow the invigilators to collect their answer book. No examinees shall be allowed to re-enter the examination room during the hours of examination after submission of the answer book.
13. Unused pages of the answer book shall be crossed out before it is handed over to the invigilator.
14. Any kind of misbehaviour on the part of an examinee like threatening or intimidating any officer on examination duty, tearing/mishandling of question paper or answer book, etc. is liable to be punished as per the rules.
- 15.1 Canvassing directly or indirectly by the examinees or their representatives is a violation of the examination rules.
- 15.2 Notwithstanding the issue of the admit card, the college shall have the right for any reason which may appear sufficient to cancel the admission of any candidate to the examination whether before, during or after the examination.
16. An examinee under the influence of alcohol or any other intoxicating substance shall not be allowed to sit for the examination.
17. For any mistake detected in the admit card/ marksheet, the matter should be reported immediately to the Controller of Examinations in writing for correction and for issuance of a new one.
18. For any other matter related to the examination, the decision of the Examination Committee, in all cases, shall be final.

## II. Malpractices and Penalties

1. The examination of the examinee shall be cancelled on ground of any of the following offences:
  - a) Possession of copying material relevant to the subject of examination;
  - b) Destruction or suppression of evidence of the forbidden material in any way like swallowing, tearing or throwing out, etc.;
  - c) Inserting unauthorized additional sheet or replacing the answer book with another book written outside the examination room;
  - d) Taking away the answer book or leaving the examination hall without handing over to the invigilator or tears the answer book;
  - e) Found to have changed roll number or exchanged roll number with another examinee;
  - f) Found throwing of question paper after writing the answers on it to another examinee or sending out the question;
  - g) Instigating boycott of the examination;
  - h) Examinee copying from another's answer book and the examinee allowing another to copy from his/ her answer book; and
  - i) Answer book of an examinee written by another examinee.
2. The examinee will be expelled and his/ her examination cancelled and he/she will be disqualified for the immediate next examination if found indulging in copying from any paper/ book/ notes either caught red-handed during examination or detected undeniably from the answer book. The following practices may lead to cancellation/ disqualification/ expulsion of the candidate:
  - a) Any attempt made to influence the examiner or the officials of the college.
  - b) Any act of request for marks or grade.
  - c) Examinees mass boycotting examination.
  - d) Evidences of unfair means detected through scrutiny or evaluation.

N.B.: Academic Rules known as REGULATIONS as provided in separate booklets for

- (i) Undergraduate Degree Programme
- (ii) M.Sc. in Environmental Science and Geology
- (iii) M.A. in English and Political Science

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## ECONOMICS (UG)

### Introduction:

Economics isn't just a subject; it is a way of thinking. Economics is essential for modern life, because it seeks to understand, assess and explain the mechanisms of markets and national economies. Learning economics gives insights into the general environment of resource allocation decisions, opportunity costs and project evaluation that are crucially important in many areas. It teaches how to analyze and interpret economic data and equip the students with the tools to find smart solutions for the numerous problems confronting public and private sectors.

### Careers:

- Teaching and Research
- Ministry of Trade and Commerce
- Banking
- Local Government and Planning Departments
- Investment Firms
- Commercial and Industrial
- Companies
- Stock Broking
- Mining
- Treasury
- Retail
- Statistical Department
- Trade Union
- Manufacturing
- Administration

### Faculty:

- 1) Dr. Rovizonuo Alexander, NET    2) Ms. Walosangla Ao, NET    3) Dr. Imlisunep Changkery, NET

### Course Curriculum for Undergraduate Programme:

Sl. No	Course Code	Semester	Course Title	Credit
			<b>Core Course</b>	
1	ECO 111	1	Introductory Microeconomics	6
2	ECO 112	1	Mathematical Methods for Economics-I	6
3	ECO 121	2	Introductory Macroeconomics	6
4	ECO 122	2	History of Economics Thoughts	6
5	ECO 131	3	Intermediate Microeconomics-I	6
6	ECO 132	3	Intermediate Macroeconomics-I	6
7	ECO 133	3	Statistical Methods for Economics	6
8	ECO 141	4	Intermediate Microeconomics-II	6
9	ECO 142	4	Intermediate Macroeconomics-II	6
10	ECO 143	4	Introductory Econometrics	6
11	ECO 151	5	Indian Economy-1	6
12	ECO 152	5	Development Economics-I	6
13	ECO 161	6	Indian Economy-II	6
14	ECO 162	6	Development Economics-II	6
			<b>Discipline Specific Elective Course (DSEC)</b>	
1	ECO 251	5	Money and Financial Market	6
2	ECO 252	5	Public Economics	6
3	ECO 261	6	International Economics	6
4	ECO 262	6	Environmental Economics	6
			<b>Generic Elective Course (GEC)</b>	
1	ECO 311	1	Introductory Microeconomics	6
2	ECO 321	2	Introductory Macroeconomics	6
3	ECO 331	3	Indian Economy-I	6
4	ECO 341	4	Indian Economy-II	6
			<b>Ability Enhancement Courses (AEC)</b>	
1	EVS 421	1	Environmental Studies	2
2	ENG 411	2	English Communication	2
			<b>Skill Enhancement Courses (SEC)</b>	
1	ECO 531	3	Entrepreneurship Development	2
2	ECO 541	4	Data Analysis	2

**EDUCATION (UG)****Introduction:**

Education as a subject was introduced by Indian Education Commission (1964-66) to encourage and promote teaching profession. Education is multi-disciplinary in nature, having relations with various subjects of Social Sciences, Humanities, Management and Sciences. It focuses on equipping the students with different aspects of knowledge for their wholesome personality development and prepares them to take up responsibilities and effectively discharge their duties as citizens.

**Careers:**

- Counselling
- Teaching and Research
- Management and Administration
- Community Worker
- Entrepreneurship
- Social Worker

**Faculty :**

1) Mrs. Neilevono Vüpru 2) Mrs. Kaisü Losa, NET 3) Mrs. Razoukhrülü Curha, NET 4) Mr. Khriesalie, NET

**Course Curriculum for Undergraduate Programme:**

Sl.No.	Course Code	Semester	Course Title	Credit
<b>Core Course</b>				
1	EDN 111	1	Philosophical and Sociological Foundation of Education	6
2	EDN 112	1	Trends of Modern Education in India	6
3	EDN 121	2	Sociological Foundation of Education	6
4	EDN 122	2	Alternative Schooling	6
5	EDN 131	3	Educational Psychology	6
6	EDN 132	3	Educational Measurement and Evaluation	6
7	EDN 133	3	Statistics in Education	6
8	EDN 141	4	Educational Management	6
9	EDN 142	4	Guidance and Counselling	6
10	EDN 143	4	Educational Technology and Pedagogy	6
11	EDN 151	5	Development of Education in India	6
12	EDN 152	5	Comparative Education	6
13	EDN 161	6	Education in Modern India	6
14	EDN 162	6	Value and Peace Education	6
<b>Discipline Specific Elective Course (DSEC)</b>				
1	EDN 251	5	Indian Educational Thoughts and Practice	6
2	EDN 252	5	Special Education-I	6
3	EDN 261	6	Western Educational Thoughts and Practice	6
4	EDN 262	6	Special Education- II	6
<b>Generic Elective Course (GEC)</b>				
1	EDN 311	1	Philosophical Foundation of Education	6
2	EDN 321	2	Sociological Foundation of Education	6
3	EDN 331	3	Educational Psychology	6
4	EDN 341	4	Educational Management	6
<b>Ability Enhancement Courses (AEC)</b>				
1	EVS 411	1	Environmental Studies	2
2	ENG 421	2	English Communication	2
<b>Skill Enhancement Courses (SEC)</b>				
1	EDN 531	3	Curriculum Development	2
2	EDN 541	4	Early Childhood Care and Education	2

**4. Offences involving fines:**

- |  |             |
|--|-------------|
| 4.1 Nailing, pasting, painting, writing on the concrete wall   | - Rs.100/-  |
| 4.2 Disturbing study hours in any way  | - Rs.20/-   |
| 4.3 Sharing of bed   | - Rs.20/-   |
| 4.4 Using hot-plate, immersion rod, boiler, iron, etc. Repetitions will incur expulsion from the hostel                                | - Rs.1000/- |
| 4.5 Possession of playing cards/each player caught   | - Rs.50/-   |
| 4.6 Failure to report on arrival day or subsequent day except on grounds of absence granted by the Dean of Students through the Warden | - Rs.100/-  |
| 4.7 Use of kerosene and gas stove in hostel  | - Rs.100/-  |
| 4.8 Smoking, chewing betel nut and any tobacco products  | - Rs. 25/-  |

**3. INSTRUCTIONS TO EXAMINEES AND RULES RELATING TO MALPRACTICES AND PENALTIES****I. General**

1. The duration of the end-semester examination will be three hours.
2. Examination will commence and wind up exactly as notified/fixed. The examination halls will be opened half an hour before the commencement of the examination on the first day. On the subsequent days, the halls will be opened 20 minutes before the commencement of the examination. Beyond 15 minutes from the commencement of the examination, no examinee shall be admitted nor question paper or answer book be given without formal permission obtained from the Controller of Examinations
3. Examinees are required to locate and take their seats before the commencement of the examination.
4. Examinees are required to bring their original admit card and their own examination-related instruments to the examination hall.
5. Examinees shall check the blank answer book and see that no portion is torn or damaged and that it is properly stitched. On no account shall any leaf or part of it be torn from the book. In case a defective blank answer book or question paper is received, it should be immediately reported to the invigilator for replacement. The examinees shall see to it that the date given by the officials on duty on the main answer book and additional sheets tally.
6. Examinees shall write distinctly on the cover of the blank answer book, roll number, course number, course title in the space provided.
7. Examinees shall not pass on question paper to any one inside the examination room during examination hours. Examinees shall not write anything on the question paper.
8. Examinees requiring an additional sheet or desiring to leave the room for an urgent purpose shall draw the attention of the invigilators by rising from their seat without making any noise or disturbance. Tapping on the desk is regarded as bad manners. Examinees are not permitted to speak to invigilators on any matter related to the question and answer. Silence shall be maintained.
9. Examinees shall not write or do anything in their answer book in a manner to render identification of the answer book possible. Examinees shall not give false roll number or omit to state the correct number. Examinees shall not write anything on the admit card and question paper. Examinees shall not bring in or take out of the examination room anything that is written.
10. Examinees shall neither help nor obtain any help from other examinees or persons in or outside the examination room during the examination hours. Communication or help of any sort or in any form between the examinees and any other persons whether inside or outside the examination room during the examination hours is not allowed.

- 4.4 Active participation in politics is not compatible with academic life and as such students will not be allowed to indulge in public activities which are of political in nature, particularly on the campus.
- 4.5. Students are not allowed to lodge complaints through unauthorised association/body (representation or memorandum). Instead they shall be expected to present their demand/opinion to the authority through proper channel (through their college-authorised representatives).
- 4.6. Other specific rules and regulations for orderly community life may be established for effective management of facilities such as library, hostels, etc.
- 4.7. Any deviation from standard behaviour by a Patkai community member will invite punishment as per rules and/or decision of the Disciplinary Committee.

## 2. HOSTEL RULES

### 1. Hostel standards:

- 1.1(i) Men’s Hostels: Study Hours (Silence Hours): Morning-6:30 - 7:30 a.m. (Summer and Winter).  
Evening : 6:30 – 10:30 p.m. (Summer) 6:00 – 9:30 p.m. (Winter)  
Sleep Hours: 10:30 p.m. (Summer)/9:30 p.m.(Winter) to 6:00 a.m.
- 1.1(ii) Women’s Hostels: Study Hours (Silence Hours): Morning-6:30-7:30 a.m.  
Summer and Winter)  
Evening: 6:30 - .9:00 p.m. (Summer) 6:00 – 8:30 p.m. (Winter)  
Sleep Hours: 10:00 p.m. to 6:00 a.m.
- 1.2 Silence during study hours in the evening and morning must be strictly maintained. Silence must also be strictly maintained during sleeping hours. The winter months are fixed from the 15th of October to the end of February.
- 1.3 After hostel prayer meeting is over, hostel gate(s) is closed; hostellers must remain in their respective hostels. Hostellers may be allowed to go out after gate closure to meet any emergent and urgent cases only with prior permission of the concerned warden(s).
- 1.4 Hostel Day is observed/marked with Open House visitation. Awards are given to best maintained room and the best maintained hostel in each block. The Hostel Day is observed before the College Foundation Day which falls on the 28<sup>th</sup> of August.
- 1.5 Hostellers are allowed to entertain visitors during the visiting hours in the visitor’s lounge only.
- 1.6 Girls hostellers must obtain permission from the wardens to visit spots in the vicinity of the campus like the Chathe river and bridge, the Patkai waterfalls, Seitheke 'C' village, etc.
- 1.7 Hostellers are not allowed to take mess food to their rooms.

### 2. Grounds for expelling students from hostels:

- 2.1 A hosteller once served with expulsion letter must vacate the hostel within 24 hours.
- 2.2 A hosteller once expelled from hostel will not deserve hostel seat in the future.
- 2.3 The Dean of Students and the concerned warden will jointly decide the expulsion of a hosteller and will countersign the letter of expulsion from hostel.

### 3. Offences involving warning and expulsion

- 3.1 Leaving hostel without wardens' permission. Repetition for the third time will lead to cancellation of hostel seat.
- 3.2 Not returning to hostel from outing. Repetition for the third time will lead to expulsion from hostel.
- 3.3 Lodging guest in the hostel at night. Repetition for the second time will lead to expulsion from hostel.
- 3.4 Possessing pornographic material and ‘dirty’ literature. Non-heeding to warning will lead to expulsion from hostel.

## ENGLISH

### Introduction:

English is the world's leading lingua franca, the main vehicle of communication, an indispensable tool of international economy, diplomacy, sciences and global media. The language represents the cross cultural global contextualization in multiple voices. Its study is essentially a selected dimension of theoretical, ideological, applied and pedagogical constructs related to unprecedented spread of English in the world contexts. The transplanted English in new linguistic, cultural and social milieus entails teaching and learning English in multilingual situation with genetically and culturally language contexts. The discipline offers a wide, comprehensive and carefully planned syllabi to understand, critically appreciate and assess the history, genres of literature down the ages, ranging from poetry, drama, essays, fiction, criticism, efficiency in linguistics and phonetics, journalistic writing and to effective communication skills. Literature presents a picture of life, a precise account of variousness, possibility and concrete dramatization of “lived” meanings. It's charged with power to the utmost degree, enlivens the reader with pleasure, a graceful ornament of civil liberty and has the art of saying something that will be read twice.

### Careers:

- Adult Educators
- Educational Publishing Editors
- Language Resource Developers
- Material Writers
- Advertising Copy Writers
- Language Policy Consultants
- Program Administrators
- Publishing Publicist
- International Cultural Relations
- Bilingual Teaching
- Literary Agents
- Linguists and Phoneticians
- Language Supervisors
- Teachers/Professors
- Spoken English Consultants
- Curriculum Advisors
- Free Lance Journalism
- Management and Administration
- Web Writers
- Translators

### Faculty:

- 1) Dr.Jyoti George Roy      2) Mrs.Tiakhala Jr. Shimray      3) Ms.Sazono Sibbo, M.Phil
- 4) Mr.Rüületo Vakha, NET      5) Mrs. Akangsenla, NET      6) Ms. Zulusenla, NET      7) Dr. Phongshak Phom

### Course Curriculum for Undergraduate Programme:

Sl. No.	Course Code	Semester	Course Titles	Credit
			Core Course	
1	ENG 111	1	History and Forms of English Literature	6
2	ENG 112	1	History of English Language and Phonetics	6
3	ENG 121	2	Indian Writing in English	6
4	ENG 122	2	British Poetry & Drama: 14 <sup>th</sup> – 17 <sup>th</sup> Centuries	6
5	ENG 131	3	American Literature	6
6	ENG 132	3	Popular Literature	6
7	ENG 133	3	British Poetry & Drama: 17 <sup>th</sup> & 18 <sup>th</sup> Centuries	6
8	ENG 141	4	British Literature: 18 <sup>th</sup> Century	6
9	ENG 142	4	British Romantic Literature	6
10	ENG 143	4	British Literature: 19 <sup>th</sup> Century	6
11	ENG 151	5	Women’s Writing	6
12	ENG152	5	British Literature: The Early 20 <sup>th</sup> Century	6
13	ENG 161	6	Modern European Drama	6
14	ENG 162	6	Post Colonial Literature	6
			<b>Discipline Specific Elective Course (DSEC)</b>	
1	ENG 251	5	Literature of the Indian Diaspora	6
2	ENG 252	5	Literary Criticism	6
3	ENG 261	6	Literary Theory	6
4	ENG 262	6	Science Fiction & Detective Literature	6
			<b>Generic Elective Course (GEC)</b>	
1	ENG 311	1	Academic Writing & Composition	6
2	ENG 321	2	Media & Communication Skills	6
3	ENG 331	3	Poetry, Short Stories & One Act Plays	6
4	ENG 341	4	Drama and Fiction	6
			<b>Ability Enhancement Course (AEC)</b>	
1	EVS 411	1	Environmental Studies	2
2	ENG 421	2	English Communication	2
			<b>Skill Enhancement Course (SEC)</b>	
1	ENG 531	3	English Language Teaching	2
2	ENG 541	4	Business Communication	2

**Course Curriculum for Postgraduate Programme:**

Semester I		
Course No.	Title	Credit Hours
ENG 611	Poetry from Chaucer to Dryden	4
ENG 612	Drama from Shakespeare to Sheridan	4
ENG 613	Non- Fictional Prose	4
ENG 614	ELT and Phonetics of English	4
Total Credit		16
Semester II		
Course No.	Title	Credit Hours
ENG 621	Literary Theory and Criticism - 1	4
ENG 622	Romantic and Victorian Poetry	4
ENG 623	Fiction from Defoe to Hardy	4
ENG 624	ELT Theory and Practice	4
Total Credit		16
Semester III		
Course No.	Title	Credit Hours
ENG 631	Literary Theory and Criticism - II	4
ENG 632	Twentieth Century Poetry	4
ENG 633	Twentieth Century Drama and Fiction	4
ENG 634	Indian Writing in English	4
Total Credit		16
Semester IV		
Course No.	Title	Credit Hours
ENG 641	Postcolonial Literature	4
ENG 642	Literature on Ecology	4
Elective Papers (Any Two)		
ENG 643	Gender and Literature	4
ENG 644	American Literature	4
ENG 645	Communication and Media	
ENG 646	Indian Literature in Translation	
ENG 647	World Literature in Translation	
Total Credit		16

**1. GENERAL RULES**

1. Rules are intended to regulate, transform and develop the lives of those to whom they are applied.

**1. Discipline**

1. The Dean of Students is empowered to deal with all cases of Students' misconducts.
2. Matter concerning expulsion of student(s) from the college will be jointly decided by the dean of students' the Vice-Principal and the concerned Academic Dean.

**2. Grounds for expelling students from college:**

- 2.1 Sexual immorality
- 2.2 Assault/threat on the college employees
- 2.3 Gambling with money (any game)
- 2.4 Stealing/theft
- 2.5 Use of hard drugs (including opium, ganja, marijuana, etc.)
- 2.6 Indifference to warnings
- 2.7 Use of alcoholic beverages/intoxicating drinks, sniffing dendrite, etc.
- 2.8 Destruction of college property
- 2.9 Keeping fire-arms/lethal weapons
- 2.10 Any other serious offence deserving expulsion

**3. Grounds for not permitting students to return for the next semester/year:**

- 3.1 Negligence of attending classes, chapel, worship services and college functions
- 3.2 Avoidance of tests, exams and assignments
- 3.3 Being rowdy and unruly in class, hostel, office, dining-kitchen etc.
- 3.4 Political activism
- 3.5 Disturbing the peace on campus and study hours
- 3.6 Intimate boy-girl relationship
- 3.7 Bad influence on others
- 3.8 Non-cooperation with faculty and staff
- 3.9 Smoking, playing cards, cheating, lying, forgery, etc.
- 3.10 Any other serious offence deserving expulsion (as may be decided by concerned committee/ authority)

**4. Behavioural Standards**

Although no statement of the expectations for a community like Patkai will be satisfactory to everyone, the demands of community life require some mutual understanding about acceptable conduct. The following standards apply to all members of the community:

- 4.1 Those practices such as fornication, adultery, homosexuality, drunkenness, theft, profanity, dishonesty and gambling which are forbidden in the Scripture will not be condoned at Patkai.
- 4.2 Knowing the danger to one's health in the use of tobacco products, hard drugs (including opium, ganja and marijuana) and alcoholic beverages, no member of the community will be excused for the use of such substances.
- 4.3 Students are not allowed to organize any meeting of all students or paste any notice on college Notice Board or anywhere within the campus without written permission of the Principal.

**Fee Payment Instructions:**

- 1 Abbreviations:  
PS=Per Semester, OT= One Time, PA= Per Annum, PM= Per month NR= Non-refundable
- 2 Admission is semester-wise (six months)
- 3 Tuition fee and room rent may be paid either in full (for six months) at admission time or in two equal instalments, first instalment (3 months) at admission time and second instalment (3 months) prior to the issue of Admit card.
- 4 All other fees are to be paid in full at admission time.
- 5 The first month's mess fee(say July/August) will be paid at admission time. Payment of mess fee for subsequent months is on monthly basis. Mess fee is subject to change any time without prior notice in case of price rise in markets.
- 6 Each month's mess fee must be paid during the current month failing which a fine of one rupee per day will be charged with effect from the first day of the following month.
- 7 Any person permitted to stay in hostel and joins the mess for a short time will pay Rs. 1500/- per month as room rent and Rs. 150/- per day as mess fee.
- 8 Dues, if any, must be cleared prior to the issue of Admit Card for End Semester Examination (Odd/Even) failing which defaulters will not be issued Admit Card.

**Refunding Rules:**

- 1 Admission once taken, non-refundable (NR) fees will not be refunded.
- 2 Cancellation/withdrawal of admission on or before class commencement will get a refund of all other fees in full except the non-refundable fees.
- 4 For cancellation/withdrawal of admission after class commencement, there will be no refund, whatsoever.

**Rules for refund of Mess Fee:**

- 1 There will be no refunding/exemption of mess fee for late coming. But if late coming is due to own sickness, road block, bandh, death in the family the same may be reported to the principal in writing for decision.
- 2 Mess fee exemption/refunding may be applied through the Dean of Students if absence is due to one of the following reasons.
  - a) Training camp in events or programmes permitted by the college
  - b) Case of sickness supported by prescription.

**HISTORY****Introduction:**

Considered as the 'Mother of Social Sciences' and the 'Storehouse of Knowledge', history provides an array of information about the past events. Moreover, it enables a better understanding of the present in the light of a proper study of the past. And in the process of imbibing knowledge, one can develop the capacity to analyse evidence, think critically and communicate effectively. The discipline offers courses extending from the beginning of human civilization to the most immediate past. The courses are regularly updated reflecting the latest developments in historical research.

**Careers:**

- Historian
- Research
- Curator in Museums
- Administration
- Tourism
- Government and Policy Formation
- Teaching
- Media

**Faculty:**

- 1) Mr. Rallo Patton, NET 2) Mr. Visazo Chase 3) Dr. Opangtula Imsong, NET 4) .....

**Course Curriculum for Undergraduate Programme:**

Sl.No.	Course Code	Semester	Course Title	Credit
1	HIS 111	1	History of India I	6
2	HIS 112	1	Social formations and Cultural Patterns of Ancient World	6
3	HIS 121	2	History of India II	6
4	HIS 122	2	Social Formations & Cultural Patterns of Medieval World	6
5	HIS 131	3	History of India III	6
6	HIS 132	3	Rise of Modern West I	6
7	HIS 133	3	History of North East India	6
8	HIS 141	4	History of India IV	6
9	HIS 142	4	Rise of Modern West II	6
10	HIS 143	4	History of the Nagas	6
11	HIS 151	5	History of India V	6
12	HIS 152	5	Modern Europe I	6
13	HIS 161	6	History of India VI	6
14	HIS 162	6	Modern Europe II	6
<b>Discipline Specific Elective Course (DSEC)</b>				
1	HIS 251	5	History of USA I	6
2	HIS 252	5	History of USA II	6
3	HIS 261	6	History of East Asia I	6
4	HIS 262	6	History of East Asia II	6
<b>Generic Elective Course (GEC)</b>				
1	HIS 311	1	History of Ancient India	6
2	HIS 321	2	History of Medieval India	6
3	HIS 331	3	History of Modern India	6
4	HIS 341	4	History of the Nagas	6
<b>Ability Enhancement Courses (AEC)</b>				
1	EVS 411	1	Environmental Studies	2
2	ENG 421	2	English Communication	2
<b>Skill Enhancement Courses (SEC)</b>				
1	HIS 531	3	Understanding Heritage	2
2	HIS 541	4	Archives and Museums	2

### PHILOSOPHY

**Introduction:**

Philosophy is the rational investigation of the truths and principles. The knowledge of philosophy empowers critical, creative and independent thinking for a better understanding of the world to promote humanity, tolerance and peace. Life being the prime concern of philosophy, it enquires into critical issues such as the nature of God, man, nature and the world. In addition to that, it also enquires into the nature, meaning, purpose, origin, and destiny of human life. Logic being the chief instrument of Philosophy, the rational speculation, logical analysis and synthesis are its methods.

**Careers:**

- Teaching
- Counselling
- Research
- Religion and Ministry
- Administration

**Faculty:**

- 1) Mr. Mhao Tungoe, NET      2) Dr. Wojanbeni Shitiri      3) Mr. Bendangnungsang, NET

**Course Curriculum for Undergraduate Programme:**

Sl.No.	Course Code	Semester	Course Title	Credit
1	PHI 111	1	Epistemology & Metaphysics	6
2	PHI 112	1	Indian Philosophy: I	6
3	PHI 121	2	Philosophical Concepts: Indian & Western	6
4	PHI 122	2	Indian Philosophy: II	6
5	PHI 131	3	Ethics	6
6	PHI 132	3	History of Western Philosophy	6
7	PHI 133	3	Philosophy of Religion	6
8	PHI 141	4	Ethics (Indian & Applied)	6
9	PHI 142	4	Philosophy of Culture	6
10	PHI 143	4	Social & Political Philosophy: I	6
11	PHI 151	5	Philosophy of Mahatma Gandhi	6
12	PHI 152	5	Philosophy of Mind	6
13	PHI 161	6	Social & Political Philosophy: II	6
14	PHI 162	6	Project Work	6
<b>Discipline Specific Elective Course (DSEC)</b>				
1	PHI 251	5	Comparative Religion	6
2	PHI 252	5	Philosophy of Human Rights	6
3	PHI 261	6	Philosophy and Theology	6
4	PHI 262	6	Symbolic Logic	6
<b>Generic Elective Course (GEC)</b>				
1	PHI 311	1	Epistemology & Metaphysics	6
2	PHI 321	2	Philosophical concepts: Indian & Western	6
3	PHI 331	3	Ethics	6
4	PHI 341	4	Social & Political Philosophy	6
<b>Ability Enhancement Course (AEC)</b>				
1	EVS 411	1	Environmental Studies	2
2	ENG 421	2	English Communication	2
<b>Skill Enhancement Course (SEC)</b>				
1	PHI 531	3	Logic	2
2	PHI 541	4	Environmental Philosophy	2

### FEE STRUCTURE

Sl. No.	Particular	Category	Amount	Remark
<b>GENERAL:</b>				
1	Enrolment	all	600	PS & NR
2	Examination	"	1000	PS & NR
3	Library	"	1000	PS & NR
4	Health care	"	200	PS & NR
5	Development	"	2500	PS & NR
6	Co-Curricular	"	1100	PA & NR
7	Electricity	"	400	PS & NR
8	Miscellaneous	"	300	PS & NR
9	Social Security	"	100	PA & NR
10	NU:Enrolment	I, III, V sem.	50	PA & NR
	NU: Registration	I Sem	150	OT & NR
11	Resource Development	Music	4000	PS & NR
12	Tuition: BA, BSc, Bcom, Mass Com		10200	PS
		BCA	12600	PS
		B Mus	16200	PS
		MA, MSc	10800	PS
13	Practical	BCA, BSc	4000	PS
		Music	10500	PS
		MSc. ESC	5000	PS
		MSc. GEO	5000	PS
	Hostel:			
14	Enrolment		1200	PS & NR
15	Power Supply		600	PS & NR
16	Room Rent		9000	PS
17	Mess:	Man	1700	PM
		Woman	1500	PM



### Diploma in Music (KAUSHAL)

**Sector:** Music

**Introduction:** Of all the art forms, music is the most pervasive, and is arguably the form of artistic expression that resonates most strongly with people across all ages and social groups. Brief Job Description: To promote the practice, understanding, provide an overview of the cultural ecology of music and to offer a broad array of educational opportunities in music with emphasis in composition, performance, musicology, ethnomusicology and church music.

**Personal Attributes:**

The most successful in the performing arts industry should have: Creativity, Enthusiasm, Flexibility, High Self-Esteem, Networking Skills, Perseverance Presentation Skills, Talent, Stamina and dedication, Self-discipline and good time management

**NSQF levels:** 5 **Duration** : 1 year **No. of semesters:** 2

**No. of credits:** Each semester shall have 30 credits in the ratio 60:40. Number of credits allotted for skill based papers is 18 and 12 credits for General Education.

### POLITICAL SCIENCE

**Introduction:**

Known as the 'Master of Science', Political Science as a discipline introduces the students to the evolution and usages of various ideological and theoretical standpoints with a view to critically understand and explain from different perspectives the structure and functioning of modern states and governance. The ideologies and theories are tested, verified and analyzed through the study of different systems: national, regional and international organizations and non-governmental organizations. The discipline is designed to inform and inculcate a critical mindset to examine the structural-functional aspects of governance vis-a-vis the wholesome development and progression of human society.

**Careers:**

- Teaching and Research
- Media and Current Affairs
- Administration and Policy Formation
- Publishing and Editing
- Civil Services

**Faculty:**

- 1) Dr. Renchumi Kikon Kuotsu, NET
- 2) Mr. Eniro Murry, NET
- 3) Mr. A. G. Samuel, NET, M.Phil
- 4) Mr. Wetshe Thopi, NET
- 5) Ms. Ruokoneino Ziekhrü, NE
- 6) Dr. Zhoto Tunyi, NET, M. Phil
- 7) Dr. Yanbeni Kikon, NET, M. Phil.

**Course Curriculum for Undergraduate Programme:**

Sl.No.	Course Code	Semester	Course Title	Credit
1	PSC 111	1	Understanding Political Theory	6
2	PSC 112	1	Constitutional Government and Democracy in India	6
3	PSC 121	2	Political Theory: Concepts and Debates	6
4	PSC 122	2	Political Process in India	6
5	PSC 131	3	Introduction to Comparative Government and Politics	6
6	PSC 132	3	Perspectives on Public Administration	6
7	PSC 133	3	Perspectives on International Relations and World History	6
8	PSC 141	4	Political Process and Institutions in Comparative Perspectives	6
9	PSC 142	4	Public Policy and Administration in India	6
10	PSC 143	4	Global Politics	6
11	PSC 151	5	Classical Political Philosophy	6
12	PSC 152	5	Indian Political Thought - I	6
13	PSC 161	6	Modern Political Philosophy	6
14	PSC 162	6	Indian Political Thought - II	6
<b>Discipline Specific Elective Course (DSEC)</b>				
1	PSC 251	5	Human Rights in Comparative Perspectives	6
2	PSC 252	5	India's Foreign Policy in a Globalising World	6
3	PSC 261	6	Women, Power and Politics	6
4	PSC 262	6	Society and Politics in Nagaland	6
<b>Generic Elective Course (GEC)</b>				
1	PSC 311	1	Constitutional Government and Democracy in India	6
2	PSC 321	2	Political Process in India	6
3	PSC 331	3	Perspectives of Public Administration	6
4	PSC 341	4	Global Politics	6
<b>Ability Enhancement Course (AEC)</b>				
1	EVS 411	1	Environmental Studies	2
2	ENG 421	2	English Communication	2
<b>Skill Enhancement Course (SEC)</b>				
1	PSC 531	3	Your Laws, Your Rights	2
2	PSC 541	4	Peace and Conflict Resolution	2

## POLITICAL SCIENCE PG

Semester I		
Course No.	Course Title	Credit
PSC 611	Western Political Thought	4
PSC 612	Indian Political Thought	4
PSC 613	Indian Politics: Institutions and Processes	4
PSC 614	Theories of International Politics	4
Semester II (All Compulsory)		
PSC 621	Political Ideologies	4
PSC 622	Public Administration: Major Concepts And Issues	4
PSC 623	Indian Politics: Major Issues And Debates	4
PSC 624	International Politics: Major Issues And Debates	4
Semester III		
PSC 631	Research Methodology	4
PSC 632	Indian Foreign Policy	4
PSC 633	Politics of North East India with special reference to Nagaland	4
Optional Papers		
PSC 634	Political Sociology	4
PSC 635	Indian Administration	4
Semester IV		
PSC 641	M.A. Dissertation	4
PSC 642	Contemporary Political Theory	4
PSC 643	Comparative Government And Politics	4
Optional Papers		
PSC 644	Gender and Politics	4
PSC 645	Indian Political Economy	4

## CERTIFICATE COURSES

**Certificate Course in Counselling** offered by the department of Bible is for the U.G. students who are enrolled in the third semester. This is a practical and stimulating course introducing and preparing the students to understand the fundamentals of counselling, the modes of operation and how these tools can be applied in addressing the myriad social problems being faced in the society. The other details pertaining to this course may be had from the department.

**Faculty:** 1. Ms. Asenla Longchari 2. Rev. Vichukho Neikha

**Certificate in Applied Electronics and Computer Hardware**

In the last few years, the use of electrical and electronic gadgets has increased tremendously. These gadgets are used for personal purpose or in educational and professional field. With this, the need for trained personnel for maintenance and repair of the gadgets has also increased.

The main objective of this course is to train the student in applied field of electronics and computer hardware along with undergraduate study. This course will train the students on how to install and manage household electrical wiring, basics of electronics such as amplifiers, battery chargers, inverters, computer hardware etc. Repairing of electronic devices used in scientific laboratories is also included in the course.

The course is very potent for self-employment, employment in electrical and electronic farms, computer hardware as well as for personal purpose. The other details pertaining to this course may be had from the department.

**Faculty:**

1) Dr. Anal Chandra Sarma 2) Mr. Utpal Misra 3) Mr. Panchhanan Thakur

## DIPLOMA COURSES

**Diploma in Web Designing (KAUSHAL)****Qualification Pack – Web Developer**

**Sector:** IT-ITES **Sub-Sector:** IT Services

**Occupation:** IT-ITES/:IT Services / Application Development

**Brief Job Description:**

The target is to Design and construct web pages/sites including incorporating graphic user interface (GU) features and other techniques. Maintains and provides ongoing design of the website, promos and ad banners, seasonal content.

**Personal Attributes:**

An individual should be skilled in software/programming languages including html, JavaScript and others. An individual should also have the ability to multi-task, use personal judgment and utilize strong decision making skills. An individual should be comfortable working with MS Office, knowledge of data base, installation of software and at the same time to uninstall, and to operate the related equipments.

**Key skills for web designers:** Imagination, Creativity, Patience, Attention to detail, Analytical skills, Communication skills, Technical ability, Excellent IT skills.

**Job roles:** Web Developer – It is also known as Web Designer

**NSQF levels:** 5 **Duration :** 1 year **No. of semesters:** 2

**No. of credits:** Each semester shall have 30 credits in the ratio 60:40. Number of credits allotted for skill based papers is 18 and 12 credits for General Education.

## ADD-ON COURSE

### NATIONAL CADET CORPS (NCC)

#### Introduction :

The NCC as an elective subject offers the students a package of selected subjects and disciplines, which are essential for the overall development of a person's character, personality and well-being in today's highly competitive world. Apart from imparting basic military trainings, the course offers several other disciplines such as personality development, leadership training, social service, disaster management, health and hygiene, life skills, adventure trainings, environmental awareness and human rights education.

The entire course curriculum is designed keeping in mind the need to create a human resource of highly organised, trained, disciplined and motivated youth, to provide leadership in all walks of life and always be available for the service of the society and nation at large.

**'B' & 'C' certificate:** After completion of 2 years and at least 1 camp cadet can appear for 'B' Certificate Examination and after completion of 3 years and at least 2 camps cadet can appear for 'C' Certificate Examination.

NCC is offered as an elective subject with 12 credit hours spread over 6 semesters and is open to all streams of undergraduate programmes.

#### Careers, benefits and privileges in NCC:

Having Graduation and NCC 'C' Certificate direct entry in Army and Air force without UPSC examinations.

64 vacancies reserved every year for NCC 'C' Certificate holders in Indian Army irrespective of merit in SSB.

100 vacancies every year for Short Service Commissioned Officers in the Indian Army, no UPSC Examinations only SSB Interview.

10% of all available seats are reserved for NCC 'C' Certificate (Air Wing) holders in Regular Officers in Indian Air Force including Pilot courses, no UPSC Examinations.

Additional marks and preference for entry into the Paramilitary Forces and Central Police Forces as officers and various other ranks.

Bonus marks for entry into various government services and Institutes of Higher Education.

2 years age relaxation for NCC 'C' Certificate holders in SSB Interview.

Personality and leadership skill development, adventure activities and scholarships and other allowance.

**Caretaker Officers:** 1) Mr. Wetsete Thopi, Dept. of Political Science., (ANO)  
2) Ms. Ruokoneino Ziekhrü

National Cadet Corps : Army Wing			
Sem.	Course Code	Course Title	Credit Hours
I	NCC(AMW) 111	National Cadet Corps (Army Wing): I	2
II	NCC(AMW) 121	National Cadet Corps (Army Wing): II	2
III	NCC(AMW) 231	National Cadet Corps (Army Wing): III	2
IV	NCC(AMW) 241	National Cadet Corps (Army Wing): IV	2
V	NCC(AMW) 351	National Cadet Corps (Army Wing): V	2
VI	NCC(AMW) 361	National Cadet Corps (Army Wing): VI	2
Total Credit			12

National Cadet Corps : Army Wing			
Sem.	Course Code	Course Title	Credit Hours
I	NCC(ARW) 111	National Cadet Corps (Air Wing): I	2
II	NCC(ARW) 121	National Cadet Corps (Air Wing): II	2
III	NCC(ARW) 231	National Cadet Corps (Air Wing): III	2
IV	NCC(ARW) 241	National Cadet Corps (Air Wing): IV	2
V	NCC(ARW) 351	National Cadet Corps (Air Wing): V	2
VI	NCC(ARW) 361	National Cadet Corps (Air Wing): VI	2
Total Credit			12

## COMMERCE (UG)

#### Introduction:

Commerce as a discipline of study broadens the horizon of men towards creative thinking, innovative practices, professional managerial conducts, and self sustainability. It focuses on the factors that drive economic behaviour at both individual and organizational level. The study empowers the analytical, communicational and problem-solving skills to effectively identify issues, source information and find efficient and practical solutions. The course is designed extensively to impart knowledge in the field of accounting, management, marketing, entrepreneurship, taxation, and law. This would generate the spirit of self-employment and strengthen human resource development in various capacities

#### Careers:

- Chartered Accountancy
- Hotel Management
- Company Secretaryship
- Accountant
- Cost and Works Accountancy
- Financial Advisor
- Banking & Insurance
- Stock Market
- Law
- Entrepreneur
- Civil Services
- Teaching and Research
- Mass Communication
- Administration
- Tax Advisor

#### Faculty:

- 1) Dr. Timothy Langwangbe, NET
- 2) Ms. Hüsatolü Neikha
- 3) Ms. Atosü Hibo, NET
- 4) Mr. Zakir Alam

#### Course Curriculum for Undergraduate Programme:

Sl. No.	Course Code	Semester	Course Title	Credit
<b>Core Course</b>				
1	COM 111	1	Financial Accounting	6
2	COM 112	1	Business Law	6
3	COM 121	2	Management Principles and Applications	6
4	COM 122	2	Corporate Laws	6
5	COM 131	3	Business Mathematics	6
6	COM 132	3	Income Tax Law and Practice	6
7	COM 133	3	Human Resource Management	6
8	COM 141	4	Income Tax	6
9	COM 142	4	Corporate Accounting	6
10	COM 143	4	Computer Application in Business	6
11	COM 151	5	Cost and Management Accounting	6
12	COM 152	5	Principles of Marketing	6
13	COM 161	6	Financial Management	6
14	COM 162	6	Auditing and Corporal Governance	6
<b>Discipline Specific Elective Course (DSEC)</b>				
1	COM 251	5	Advertising	6
2	COM 252	5	Business Research Method & Project Work	6
3	COM 261	6	International Business	6
4	COM 262	6	Business Statistics	6
<b>Generic Elective Course (GEC)</b>				
1	COM 311	1	Consumer Affairs and Customer Care	6
2	COM 321	2	Fundamentals of Investment	6
3	COM 331	3	Financial Markets Institution and Financial Services	6
4	COM 341	4	Organisational Behaviour	6
<b>Ability Enhancement Course (AEC)</b>				
1	EVS 411	1	Environmental Studies	2
2	ENG 421	2	Business Communication	2
<b>Skill Enhancement Course (SEC)</b>				
1	COM 531	3	Entrepreneurship	2
2	COM 541	4	E - Commerce	2

### MUSIC (UG)

**Introduction:**

The department seeks to impart music education of the highest quality possible in order to foster a creative, competitive and a productive learning spirit among the students. The music curriculum aims to provide students with a strong musical foundation and effective musicianship and leadership skills so that they will be equipped to render professional and qualitative service in the field of music.

**Careers:**

- Teaching and Research
- Music and Media
- Church Ministry
- Professional Musician
- Choral Directing

**Faculty:**

- 1) Mrs. Margaret Shishak 2) Dr. Vivee K. Peseye 3) Mr. Zingrin A. Shishak 4) Mr. Keviseku Sechü  
5) Ms. Mhonroni R. Lotha 6) Mr. Limasanen Imsong 7) Ms. Maria Cherednikova

**Instructors:**

- 1) Mr. Joey Woch 2) Mr. Arenba Longchari 3) Mrs. Aosenla Jamir 5) Mrs. Megotono Thono

**Course Curriculum for Undergraduate Programme:**

Semester I			Semester II		
Course Code	Course Title	Credit Hours	Course Code	Course Title	Credit Hours
MUS 111	Theory I	4	MUS 121	Theory II	4
MUS 112	Aural Skills I	2	MUS 121	Aural Skills II	2
MUS 113Gu	Applied Music and Performance Lab (Guitar) I	2	MUS 123Gu	Applied Music and Performance Lab(Guitar) II	2
MUS 113Pi	Applied Music and Performance Lab (Piano) I	2	MUS 123Pi	Applied Music and Performance Lab(Piano) II	2
MUS 113Vi	Applied Music and Performance Lab (Violin) I	2	MUS 123Vi	Applied Music and Performance Lab(Violin) II	2
MUS 113Vo	Applied Music and Performance Lab (Voice) I	2	MUS 123Vo	Applied Music and Performance Lab(Voice) II	2
MUS 114	Music Appreciation	3	MUS 124	Class Piano II	2
MUS 115	Class Piano I	2	MUS 125	Introduction to Conducting II	2
MUS 116	Choir and Ensemble I	2	MUS 126	Choir and Ensemble II	2
BIB 111	Bible – OT Survey	2	MUS 127	Introduction to Music Research Skills	1
ENG 411	English Communication	2	EVS 421	Environmental Studies	2
			BIB 121	Bible - NT Survey	2
<b>Total Credit Hours</b>		<b>19</b>	<b>Total Credit Hours</b>		<b>19</b>
Semester III			Semester IV		
Course Code	Course Title	Credit Hours	Course Code	Course Title	Credit Hours
MUS 231	Theory III	4	MUS 241	Theory IV	3
MUS 232	Aural Skills III	2	MUS 242	Aural Skills IV	2
MUS 233Gu	Applied Music and Performance Lab(Guitar) III	2	MUS 243Gu	Applied Music and Performance Lab(Guitar) IV	2
MUS 233Pi	Applied Music and Performance Lab (Piano) III	2	MUS 243Pi	Applied Music and Performance Lab(Piano) IV	2
MUS 233Vi	Applied Music and Performance Lab (Violin) III	2	MUS 243Vi	Applied Music and Performance Lab(Violin) IV	2
MUS 233Vo	Applied Music and Performance Lab (Voice) III	2	MUS 243Vo	Applied Music and Performance Lab(Voice) IV	2
MUS 234	Introduction to Church Music	2	MUS 244	Music History Literature I (Medieval, Renaissance)	3
MUS 235	World Music Cultures	2	MUS 245	Congregational Song	2
MUS 236	Class Voice I	2	MUS 246	Conducting I	2
MUS 237	Choir and Ensemble III	2	MUS 247	Class Voice II	2
MUS 238	Form in Music	2	BIB 231	Choir and Ensemble IV	2
BIB 231	Bible – Bible Introduction	2	<b>Total Credit Hours</b>		<b>18</b>
<b>Total Credit Hours</b>		<b>20</b>			

### ENVIRONMENTAL SCIENCE (PG)

**Introduction :**

The curriculum inclusive of the recent advances in the subject offers the students an opportunity to learn natural processes, and to understand and evaluate the dynamics of changes, and magnitude of damage to the environmental constituents and resultant degradation of the environmental quality and natural resources and its impact on life supporting system. The courses of this multidisciplinary subject are designed to impart sound theoretical knowledge and practical training to the students besides providing them the opportunity to do research to advance knowledge.

The department aims to produce technically trained and knowledgeable manpower in the field with interest and potential in scientific skills, thinking, communication, analytical writing, designing possible remedies and generating data base on local and national environmental issues that may have global significance.

**Careers:**

- Environmentalist
- Teaching (universities, colleges and other institutes, and centres of environmental education) Research
- State and Central Government Ministries and their Organizations/Institutes/BoardsAdministrative Services
- Private Sector, NGO
- Consultancy
- Entrepreneur
- International Institutes
- Public Health Analyst

**Faculty:**

- 1) Prof. B.S. Chauhan 2) Mr. Hüvezo Thingo, NET 3) Dr. Viheno Iralu, NET

- Participating Faculty:** i) Faculty of Department of Botany ii) Faculty of Department of Chemistry  
iii) Faculty of Department of Geology iv) Faculty of Department of Mathematics  
v) Faculty of Department of Physics vi) Faculty of Department of Zoology

**Course Curriculum for Postgraduate programme:**

Semester I			Semester II		
Course No.	Title	Credit Hours	Course No.	Title	Credit Hours
ESC 611	Soil and Environment	3 (3+0)	ESC 621	Environmental Soil Science	2 (2+0)
ESC 612	Environmental Chemistry	3 (3+0)	ESC 622	Environmental Statistics	2 (2+0)
ESC 613	Environmental Biochemistry	3 (3+0)	ESC 623	Soil, Water and Air Pollution	4 (4+0)
ESC 614	Energy and Environment	2 (2+0)	ESC 624	Radiation and Noise Pollution	2 (2+0)
ESC 615	Ecology and Ecosystem	3 (3+0)	ESC 625	Environmental Microbiology	2 (2+0)
ESC 616	Earth Processes and Hydrology	3 (3+0)	ESC 626	Earth Resources	2 (2+0)
ESC 617	Practical	3 (0+3)	ESC 627	Practical	4 (0+4)
		<b>Total Credit</b>			<b>18</b>
Semester III			Semester IV		
Course No.	Title	Credit Hours	Course No.	Title	Credit Hours
ESC 631	Thermodynamics and Meteorology	3 (3+0)	ESC 641	Natural Hazards and Disaster Management	2 (2+0)
ESC 632	Environmental Research Methodology	3 (3+0)	ESC 642	Climatology	2 (2+0)
ESC 633	Biodiversity and Environmental Conservation	3 (3+0)	ESC 643	Environmental Biotechnology	2 (2+0)
ESC 634	Environmental Geochemistry	2 (2+0)	ESC 644	Environmental Impact Assessment	2 (2+0)
ESC 635	Remote Sensing and Geographic Information System	2 (2+0)	ESC 645	Toxicology and Environmental Health	2 (2+0)
ESC 636	Field Study	1(0+1)	ESC 646	Seminar	1 (0+1)
ESC 637	Practical	4(0+4)	ESC 647	Practical	2 (0+2)
		<b>Total Credit</b>			<b>18</b>
<b>Grand Total (Total credit hours required for the award of the degree)</b>					<b>72</b>

### ZOOLOGY

**Introduction:**

Zoology as a discipline introduces students to the complexities of animal system by integrating knowledge from biology of cells to the behaviour of the whole organisms. Students will get to know about animal behaviour, reproduction, physiology, biochemistry, endocrinology, immunology, genetics, wildlife and its conservation, taxonomy, biotechnology, bio-informatics, parasitology, biophysics, ecology, fishery, etc. All these combined with practical work, fieldwork, projects, seminars, debate and workshop provide valuable information and skills that will help them to make a career of their choice.

**Careers:**

- Academia and Research
- Administrative Services
- Pest Control Companies
- Forensic Analyst
- Fishery
- Sericulture
- Medical Coding Executive
- Animal and Wildlife Educators
- Environmental Consultant
- Wildlife Biologist
- Field Workers in Zoological Survey of India

**Faculty:**

1) Ms. Angel Sonari 2) Dr. Sanjeeb Kumar Dey Baidya 3) Dr. R. Achila, NET 4) Dr. Kensibo Pamai

**Course Curriculum for Undergraduate Programme:**

Sl.No	Course Code	Semester	Course Title	Credit
			<b>Core Course</b>	
1	ZOO 111	1	Non Chordates – I: Protista to Pseudocoelomates	6
2	ZOO 112	1	Cell Biology	6
3	ZOO 121	2	Non Chordates – II: Coelomates	6
4	ZOO 122	2	General Physiology	6
5	ZOO 131	3	Diversity of Chordates	6
6	ZOO 132	3	Comparative Anatomy of Vertebrates	6
7	ZOO 133	3	Fundamentals of Biochemistry	6
8	ZOO 141	4	Physiology: Controlling & Coordinating Systems	6
9	ZOO 142	4	Biochemistry of Metabolic Processes	6
10	ZOO 143	4	Principles of Ecology	6
11	ZOO 151	5	Molecular Biology	6
12	ZOO 152	5	Principles of Genetics	6
13	ZOO 161	6	Developmental Biology	6
14	ZOO 162	6	Evolutionary Biology	6
			<b>Discipline Specific Elective Course (DSEC)</b>	
1	ZOO 251	5	Animal Behaviour and Chronobiology	6
2	ZOO 252	5	Wild Life Conservation and Management	6
3	ZOO 261	6	Introduction to Biotechnology	6
4	ZOO 262	6	Immunology	6
			<b>Generic Elective Course (GEC)</b>	
1	ZOO 311	1	Cell Biology	6
2	ZOO 321	2	General Physiology	6
3	ZOO 331	3	Fundamentals of Biochemistry	6
4	ZOO 341	4	Principles of Ecology	6
			<b>Ability Enhancement Course (AEC)</b>	
1	ENG 411	1	English Communication	2
2	EVS 421	2	Environmental Studies	2
			<b>Skill Enhancement Course (SEC)</b>	
1	ZOO 531	3	Pisciculture/Aquarium Fish Keeping	2
2	ZOO 541	4	Apiculture/Poultry Farming	2

Semester V			Semester VI		
Course Code	Course Title	Credit Hours	Course Code	Course Title	Credit Hours
MUS 351	Music History Literature II (Baroque, Classical)	3	MUS 361	Composing & Arranging	2
MUS 352	Introduction to Ethno - Music and Arts	2	MUS 362	Music History Literature III (Romantic, 20 <sup>th</sup> Century)	3
MUS 353Gu	Applied Music and Performance Lab (Guitar) V	3	MUS 363	Naga Music	3
MUS 353Pi	Applied Music and Performance Lab (Piano) V	3	MUS 364Gu	Applied Music and Performance Lab (Guitar) VI	3
MUS 353Vi	Applied Music and Performance Lab (Violin) V	3	MUS 364Pi	Applied Music and Performance Lab (Piano) VI	3
MUS 353Vo	Applied Music and Performance Lab (Voice) V	3	MUS 364Vi	Applied Music and Performance Lab (Violin) VI	3
MUS 354	Music Education	3	MUS 364Vo	Applied Music and Performance Lab (Voice) VI	3
MUS 355	Music Analysis	1	MUS 365	Music Elective II – Teaching Practicum II, Keyboard Harmony, Introduction to Jazz	2
MUS 356	Music Elective I – Hymn Playing, Teaching Practicum I, Opera/Broadway	2	MUS 366	Counterpoint	2
MUS 357	Conducting II	2	MUS 367	Choir and Ensemble VI	2
MUS 358	Music Computer Application	1		<b>Total Credit Hours</b>	<b>17</b>
MUS 359	Choir and Ensemble V	2			
	<b>Total Credit Hours</b>	<b>19</b>			

**APPLIED MAJOR**

Semester VII			Semester VIII		
Course Code	Course Title	Credit Hours	Course Code	Course Title	Credit Hours
MUS 471Gu	Applied Music and Performance Lab (Guitar) VII	2	MUS 481Gu	Applied Music and Performance Lab (Guitar) VIII	2
MUS 471Pi	Applied Music and Performance Lab (Piano) VII	2	MUS 481Pi	Applied Music and Performance Lab (Piano) VIII	2
MUS 471Vi	Applied Music and Performance Lab (Violin) VII	2	MUS 481Vi	Applied Music and Performance Lab (Violin) VIII	2
MUS 471Vo	Applied Music and Performance Lab (Voice) VII	2	MUS 481Vo	Applied Music and Performance Lab (Voice) VIII	2
MUS 472	Ensemble I	2	MUS 482	Ensemble II	2
MUS 473Gu	Pedagogy (Guitar)	3	MUS 483Gu	Literature (Guitar)	2
MUS 473Pi	Pedagogy (Piano)	3	MUS 483Pi	Literature (Piano)	2
MUS 473Vi	Pedagogy (Violin)	3	MUS 483Vi	Literature (Violin)	2
MUS 473Vo	Pedagogy (Voice)	3	MUS 483Vo	Literature (Vocal)	2
MUS 474	Senior Recital I	3	MUS 484	Senior Recital II	3
MUS 475	Recital hour	2	MUS 485	Choral Literature	2
MUS 476Pi	PIANO - Accompanying	1	MUS 486Pi	PIANO – Adv. Keyboard Harmony	1
MUS 476St	STRINGS - Ensemble	1	MUS 486St	STRINGS – Analysis for Performance	1
MUS 476Vo	VOICE - Vocal Diction	1	MUS 486Vo	VOICE - Elective	1
	<b>ELECTIVE</b>		MUS 489Ap	Independent Study	2
MUS 477Pi	PIANO	1		<b>Total Credit Hours</b>	<b>14</b>
MUS 477St	STRINGS	1			
MUS 477Vo	VOICE	1			
	<b>Total Credit Hours</b>	<b>14</b>			

**CONDUCTING MAJOR**

Semester VII			Semester VIII		
Course Code	Course Title	Credit Hours	Course Code	Course Title	Credit Hours
MUS 471Co	Applied Music-Conducting and Performance Lab I	2	MUS 481Co	Applied Music –Conducting and Performance Lab II	2
MUS 472	Ensemble I	2	MUS 482	Ensemble II	2
MUS 473Vo	Pedagogy (Voice)	3	MUS 484	Senior Recital II	3
MUS 474	Senior Recital I	3	MUS 485	Choral Literature	2
MUS 475Ac	Advanced Conducting I	2	MUS 487	Advanced Conducting II	2
MUS 476Cd	Choral Diction	1	MUS 489Co	Independent Study	2
MUS 477Co	Elective - Applied (Voice or an Instrument)	1	MUS 490 Co	<b>Elective - Applied (Voice or an instrument)</b>	1
		<b>14</b>			<b>14</b>

**SACRED MUSIC MAJOR**

Semester VII			Semester VIII		
Course Code	Course Title	Credit Hours	Course Code	Course Title	Credit Hours
MUS 471Gu	Applied Music and Performance Lab (Guitar) VII	2	MUS 481Gu	Applied Music and Performance Lab (Guitar) VIII	2
MUS 471Pi	Applied Music and Performance Lab (Piano) VII	2	MUS 481Pi	Applied Music and Performance Lab (Piano) VIII	2
MUS 471Vi	Applied Music and Performance Lab (Violin) VII	2	MUS 481Vi	Applied Music and Performance Lab (Violin) VIII	2
MUS 471Vo	Applied Music and Performance Lab (Voice) VII	2	MUS 481Vo	Applied Music and Performance Lab (Voice) VIII	2
MUS 472	Ensemble I	2	MUS 482	Ensemble II	2
MUS 473Gu	Pedagogy (Guitar)	3	MUS 485	Choral Literature	2
MUS 473Pi	Pedagogy (Piano)	3	MUS 488	Church Music Administration	2
MUS 473Vi	Pedagogy (Violin)	3	MUS 489Sm	Project—Worship Service	4
MUS 473Vo	Pedagogy (Voice)	3	MUS 490	Elective-Choose from 483-Gu, Pi, Vi, Vo OR another Ensemble	2
MUS 476Mu	Music and Worship	2	<b>Total Credit Hours</b>		<b>14</b>
MUS 478	Philosophy of Church Music	2			
MUS 479	Church Music Ministries	3			
		<b>Total Credit Hours</b>			<b>14</b>

**PHYSICS**

**Introduction:**

Physics deals with everything in physical universe from mega scale to micro scale which includes structure of the universe to atoms. Physics is also the basis of all modern technological advancements in various fields. The study of theoretical physics, quantum mechanics, relativity, etc. are based on highly abstract thoughts and calculations whereas mechanics, electricity, thermodynamics, solid state physics, electronics, nuclear physics, etc. are the bases of modern technology. Our course is the balanced mixture different branches of physics which has both theoretical and applied perspectives. Students can have introduction to research field through research projects.

- Physics
- Astro Physics
- Meteorology
- Climate Change
- Electronics & Telecommunication
- Medical physics
- Nuclear Physics and Technology
- Geophysics
- Oceanography
- Defence Service such as Air Force, Navy
- Telecommunication Industry
- Civil Services
- Software Industry
- Teaching and Research
- Banks and Allied Financial Organizations

**Faculty:**

- 1) Dr. Anal Chandra Sarma    2) Mr. Utpal Misra    3) Mr. Panchanan Thakur    4) Ms. Rachel Imsong

**Course Curriculum for Undergraduate Programme:**

Sl.No.	Course Code	Semester	Course Title	Credit
<b>Core Course</b>				
1	PHY 111	1	Mathematical Physics - I	6
2	PHY 112	1	Mechanics	6
3	PHY 121	2	Electricity & Magnetism	6
4	PHY 122	2	Waves & Optics	6
5	PHY 131	3	Mathematical Physics - II	6
6	PHY 132	3	Thermal Physics and Statistical Mathematics	6
7	PHY 133	3	Digital System & Applications	6
8	PHY 141	4	Mathematical Physics - III	6
9	PHY 142	4	Elements of Modern Physics	6
10	PHY 143	4	Analog System & Applications	6
11	PHY 151	5	Quantum Mechanics	6
12	PHY 152	5	Solid State Physics	6
13	PHY 161	6	Electromagnetic Theory	6
14	PHY 162	6	Statistical Mechanics	6
<b>Discipline Specific Elective Course (DSEC)</b>				
1	PHY 251	5	Classical Mechanics / Experimental Techniques	6
2	PHY 252	5	Medical Physics / Physics of Devices & Instruments	6
3	PHY 261	6	Atmospheric Physics / Physics of Earth	6
4	PHY 262	6	Nuclear and Particle Physics/Astronomy & Astrophysics/Dissertation	6
<b>Generic Elective Course (GEC)</b>				
1	PHY 311	1	Mechanics	6
2	PHY 321	2	Electricity & Magnetism	6
3	PHY 331	3	Thermal Physics and Statistical Mechanics	6
4	PHY 341	4	Elements of Modern Physics	6
<b>Ability Enhancement Course (AEC)</b>				
1	ENG 411	1	English Communication	2
2	EVS 421	2	Environmental Studies	2
<b>Skill Enhancement Course (SEC)</b>				
1	PHY 531	3	Electrical Circuit and Network	2
2	PHY 541	4	Electronic Instrumentation / Renewable Energy	2

**MATHEMATICS**

**Introduction:**

Mathematics is as old as civilization itself and is one of the most useful and fascinating branches of human knowledge. Broadly, Mathematics is the study of quantity, structure and change. Mathematics is an essential tool for nearly all scientific studies. Scientists use it in designing experiments, analyzing data, expressing precisely their findings by mathematical formulae, and making predictions on the basis of these findings. Both physical sciences and biological sciences rely heavily on mathematics. Social Sciences, Economics, Psychology and Sociology also depend greatly on Statistics and several other branches of mathematics.

**Careers:**

- Teaching and Research
- Insurance Sector
- Banking Sector
- Software and Computing
- Combined Defense Service
- Market Research
- Cryptology
- Data Analyst
- Operations Research Analysts

**Faculty :**

- 1) Mr. Biswajit Singh    2) Mr. Binod Chetry    3) Mr. Subhajit Roy    4) Ms. Minchai S. Konyak

**Course Curriculum for Undergraduate Programme:**

Sl.No	Course Code	Semester	Core Course Title	Credit
<b>Core Course</b>				
1	MAT 111	1	Calculus (P)	6
2	MAT 112	1	Algebra (P)	6
3	MAT 121	2	Real Analysis	6
4	MAT 122	2	Differential Equations (P)	6
5	MAT 131	3	Real Analysis-II	6
6	MAT 132	3	Group Theory - I	6
7	MAT 133	3	Multivariable Calculus (P)	6
8	MAT 141	4	Numerical Methods (P)	6
9	MAT 142	4	Real Analysis-III	6
10	MAT 143	4	Group Theory - II	6
11	MAT 151	5	Partial Differential Equation and System of Ordinary Differential Equation (P)	6
12	MAT 152	5	Ring Theory and Linear Algebra	6
13	MAT 161	6	Metric Spaces	6
14	MAT 162	6	Complex Analysis (P)	6
<b>Discipline Specific Elective Course (DSEC)</b>				
1	MAT 251	5	Co-ordinate Geometry/Number Theory /C++ Programming (P)	6
2	MAT 252	5	Modelling & Simulation (P) / Integral Transform (P)	6
3	MAT 261	6	Bio-Mathematics (P)/Linear Programming	6
4	MAT 262	6	Application of Algebra / Fluid Dynamics	6
<b>Generic Elective Course (GEC)</b>				
1	MAT 311	1	Calculus (P)	6
2	MAT 321	2	Differential Equations (P)	6
3	MAT 331	3	Multivariable Calculus (P)	6
4	MAT 341	4	Numerical Methods (P)	6
<b>Ability Enhancement Course (AEC)</b>				
1	ENG 411	1	English Communication	2
2	EVS 421	2	Environmental Studies	2
<b>Skill Enhancement Course (SEC)</b>				
1	MAT 531	3	LATEX and HTML (P)/ Graph Theory / Logic and Sets	2
2	MAT 541	4	Computer Algebra Systems and Related Software (P) / Transportation and Game Theory	2

**Mass Communication (UG)**

**Introduction:**

Mass Communication is a well established discipline but highly interdisciplinary in nature. The discipline studies communication as an imperative agent of social order and social change. The course focuses on media in all its forms and offers a systematic progression of skills-based, industry-relevant, hands-on production work and theoretical papers allowing students to experience full range of technical expertise, conceptual skills and artistic expression required to become established media practitioners. The department studies the processes and effects of mass communication: the nature and social role of various media; their structure, function, and ethics; and their impact on the political system, culture and society. The department combines theory and practice and fosters individual research opportunities for its students, employing both quantitative and qualitative approaches. The course aims to fulfill the demand of trained professionals in emerging fields and address the demand-supply mismatch in the country where the economy needs more skilled workforce than that is available. Unlike many discipline, Mass Communication programme offered here is for 180 credits and is loaded with skill component. The intensive degree programme aims at training the students to put communication practices in the socio-cultural context of the country in general and North East India in particular. Communication has fascinated many scholars, philosophers and the popular mass since the time of human civilization. It is with this understanding; Mass Communication has emerged as a multi-faceted discipline that focuses on the development, use, effective solutions and regulation of all aspects of media and communication in a society. As opined by a scholar Kaarle Nordenstreng, "True, communication may be understood as the essence of social relations and society may be understood not only as something held together by the 'glue' of communication but as something that is itself made up of

**Communication Officers:**

- UN
- WHO
- UNICEF
- Central govt. schemes and projects
- Entrepreneurs
- Editor:
- Video
- Newspaper
- Magazine
- Photography
- Music
- Journalism:
- Journalists
- TV Anchor
- Video Journalists
- Photo Journalists
- Public Relation Officer:
- Govt. depts..
- Political PROs
- Corporate sectors
- Business firms

**Faculty:**

- 1) Dr. Dakter Esse, NET    2) Mr. Wahengbam Rojenn, M.Phil

**Course Curriculum for Undergraduate Programme:**

<b>SEMESTER I</b>			
CATEGORY	COURSE CODE	COURSE TITLE	CREDITS
<b>GENERAL COMPONENT</b>	EVS 411	Environmental Science	2
	MAC 112	Media Laws and Ethics	4
	GENERIC 311	Pol Sc/Eco/His/B. Com/Eng	6
<b>SKILL COMPONENT</b>	MAC 111	Introduction to Mass Communication and Journalism	6
	MAC 113	Photography and Visual Communication	6
	MAC 114	Communication Skills	6

SEMESTER II			
GENERAL COMPONENT	MAC 121	Communication for Development	4
	ENG 421	English Communication	2
	GENERIC	Pol Sc/Eco/His/B. Com/Eng	6
SKILL COMPONENT	MAC 122	Print Media Production	6
	MAC 123	Video Production	6
	MAC 124	Public Relations	6
SEMESTER III			<b>CREDITS</b>
GENERAL COMPONENT	MAC 131	Media, Culture and Society	4
	MAC 132	Mobile and Digital Journalism	4
	GENERIC	Pol Sc/Eco/His/B. Com/Eng	6
SKILL COMPONENT	MAC 133	Communication for Rural Engagement	6
	MAC 134	Editing for TV	6
	MAC 135	Public Service Announcements	6
SEMESTER IV			<b>CREDITS</b>
GENERAL COMPONENT	MAC 141	Media in North East India	4
	MAC 142	Communication and Disaster Management	4
	GENERIC	Pol Sc/Eco/His/B. Com/Eng	6
SKILL COMPONENT	MAC 143	Integrated marketing communication	6
	MAC 144	News anchoring/current affairs analysis	6
	MAC 145	Publication design and layout	6
SEMESTER V			<b>CREDITS</b>
GENERAL COMPONENT	MAC 151	Radio production and Journalism	4
	MAC 152	The Grammar of Documentary	4
	MAC 153	Television Journalism	4
SKILL COMPONENT	MAC 154	Radio programming	6
	MAC 155	30 minutes documentary	6
	MAC 156	Industry interface (Media study tour)	6
SEMESTER VI			<b>CREDITS</b>
GENERAL COMPONENT	MAC 161	Film studies	4
	MAC 162	New Media	4
	MAC 163	Communication research	4
SKILL COMPONENT	MAC 164	Internship	6
	MAC 165	Short fiction film/music video	6
	MAC 166	Photography exhibition	6

Course Curriculum for Postgraduate programme:

Sl. No.	Course No.	Course Title	Credit hours
Theory		SEMESTER I	
1.	GEO611	Mineralogy, crystallography and Analytical Techniques	4 (4+0)
2.	GEO612	Palaeontology	4 (4+0)
3.	GEO613	Structural geology and Tectonics	4 (4+0)
4.	GEO614	Geochemistry and Thermodynamics	4 (4+0)
Practical			
5.	GEO615	Mineralogy, crystallography and Analytical Techniques	2 (0+2)
6.	GEO616	Palaeontology	2 (0+2)
7.	GEO617	Structural geology and Tectonics	2 (0+2)
8.	GEO618	Geochemistry and Thermodynamics	2 (0+2)
9.	GEO619	Fieldwork	2 (0+2)
<b>Sub total</b>			<b>26</b>
Theory		SEMESTER II	
9.	GEO621	Igneous and Metamorphic Petrology	4 (4+0)
10.	GEO622	Sedimentology	4 (4+0)
11.	GEO623	Ore Geology	4 (4+0)
12.	GEO624	Principles of Stratigraphy	4 (4+0)
Practical			
13.	GEO625	Igneous and Metamorphic Petrology	2 (0+2)
14.	GEO626	Sedimentology	2 (0+2)
15.	GEO627	Ore Geology	2 (0+2)
16.	GEO628	Fieldwork	2 (0+2)
<b>Sub total</b>			<b>24</b>
Theory		SEMESTER III	
17.	GEO631	Engineering geology and Hydrogeology	4 (4+0)
18.	GEO632	Resource Geology	4 (4+0)
19.	GEO633	Geomorphology and Remote sensing	4 (4+0)
20.	GEO634	Mineral Exploration and Mining geology	4 (4+0)
Practical			
21.	GEO635	Engineering geology and Hydrogeology	2 (0+2)
22.	GEO636	Resource Geology	2 (0+2)
23.	GEO637	Geomorphology and Remote sensing	2 (0+2)
24.	GEO638	Mineral Exploration and Mining geology	2 (0+2)
25.	GEO639	Fieldwork	2 (0+2)
<b>Sub total</b>			<b>26</b>
Theory		SEMESTER IV	
25.	GEO641	Environmental Geology	4 (4+0)
26.	GEO642	Special Paper	4 (4+0)
27.	GEO643	Dissertation	4(0+4)
Practical			
28.	GEO644	Special Paper	2 (0+2)
Sub total			14
<b>Grand Total</b>			<b>90</b>



**GEOLOGY****Introduction:**

Geology is a field-oriented, scientific discipline, which investigates the properties of the earth, its substances, shapes, processes and history. The course of the Under Graduate (BSc.) level of this multi-disciplinary subject is designed to impart sound theoretical and practical knowledge to the students about minerals (mineralogy), rocks (petrology), the structure of the Earth (structural geology), volcanic phenomena (volcanology), landforms and the processes that produce them (geomorphology and glaciology), study of fossils (palaeontology) and the development of sedimentary strata (stratigraphy). The course also encompasses the study of natural hazards like earthquakes, volcanoes, landslides and floods. Since geology is related to environment, a large portion will be taught outdoors. So, field works form an integral part of the degree programme. All students must attend the fieldwork every year in the respective academic/semester sessions. It may include collection of geologic data, constructing a measured section, interpreting geologic structures and geologic mapping.

**Recruiters:** Geological Survey of India, Central Ground Water Board, ONGC, Bharat Petroleum Corporation Limited, Mineral Exploration Authority, Indian Space Research Organisation, Private Companies dealing with Mineral Explorations, etc.

**Career:**

- Marine geologist                      • Mineralogist                      • Hydrologist                      • Seismologist
- Petrologist                              • Geohydrologist                      • Palaeontologist

**Faculty:**

- 1) Mr. Rudhowhelie Peseyie      2) Dr. Thokchom Devala Devi      3) Dr. Kowete-ü Sekhamo, NET  
4) Dr. K. Manini Arüche, NET      5) Dr. Ajano Khalo, NET      6) Ms. Amongla

**Course Curriculum for Undergraduate Programme:**

Sl.No	Course Code	Semester	Course Title	Credit
			<b>Core Course</b>	
1	GEO 111	1	Earth System Science	6
2	GEO 112	1	Mineral Science	6
3	GEO 121	2	Elements of Geochemistry	6
4	GEO 122	2	Structural Geology	6
5	GEO 131	3	Igneous Petrology	6
6	GEO 132	3	Sedimentary Petrology	6
7	GEO 133	3	Paleontology	6
8	GEO 141	4	Metamorphic Petrology	6
9	GEO 142	4	Stratigraphic Principles and Indian Stratigraphy	6
10	GEO 143	4	Hydrogeology	6
11	GEO 151	5	Economic Geology	6
12	GEO 152	5	Geomorphology	6
13	GEO 161	6	Engineering Geology	6
14	GEO 162	6	Remote Sensing and GIS	6
			<b>Discipline Specific Elective Course (DSEC)</b>	
1	GEO 251	5	Exploration Geology	6
2	GEO 252	5	Earth and Climate	6
3	GEO 261	6	Fuel Geology	6
4	GEO 262	6	Urban Geology	6
			<b>Generic Elective Course (GEC)</b>	
1	GEO 311	1	Essentials of Geology	6
2	GEO 321	2	Rocks and Minerals	6
3	GEO 331	3	Earth Resources	6
4	GEO 341	4	Earth Surface and Processes	6
			<b>Ability Enhancement Course (AEC)</b>	
1	ENG 411	1	English Communication	2
2	EVS 421	2	Environmental Studies	2
			<b>Skill Enhancement Course (SEC)</b>	
1	GEO 531	3	Field Geology – I (Basic Field Training)	2
2	GEO 541	4	Field Geology – II (Geological mapping)	2

**BACHELOR OF COMPUTER APPLICATIONS (BCA)****Introduction:**

The Bachelor of Computer Applications (BCA) is a three-year undergraduate program. The course is designed to give students the knowledge, understanding, skills and techniques such as the communication, personal and interpersonal, critical and creative thinking, practice and methods that they need to prepare for employment or higher studies.

**Objectives:**

- To develop problem solving abilities using a computer.
- To build the necessary skill set and analytical for developing Computer based solutions for real life problems.
- To imbibe quality software development practices. to create awareness about Process and product standards.
- To train students in professional skills related to Software Industry and IT enabled services.
- To prepare necessary knowledge base for appearing in competitive exams and development in Computer Science for higher studies.
- To help students build-up a successful career in Computer Applications.

**Careers:**

- Software Developer                      • Software Tester                      • Data Analyst
- Technical Support Engineer                      • Web Designer and Developer                      • Database Programmer
- Software Engineer                      • Program Officer
- Testing Engineer                      • Database Manager

**Faculty:**

- 1) Mrs. Kshemabati Devi      2) Mr. Rokomhalie Angami      3) Mr. Ranjan Das      4) Mr. Milan Kumar Singha

**Course Curriculum for Undergraduate Programme:**

Sl.No	Course Code	Semester	Course Title	Credit
			<b>Core Course</b>	
1	BCA 111	1	Programming Fundamentals using C/C++	6
2	BCA 112	1	Computer System Architecture	6
3	BCA 121	2	Programming in JAVA	6
4	BCA 122	2	Discrete Structures	6
5	BCA 131	3	Data Structures using C	6
6	BCA 132	3	Operating Systems	6
7	BCA 133	3	Computer Networks	6
8	BCA 141	4	Design and Analysis of Algorithms	6
9	BCA 142	4	Software Engineering	6
10	BCA 143	4	Database Management Systems	6
11	BCA 151	5	Internet Technologies	6
12	BCA 152	5	Theory of Computation	6
13	BCA 161	6	Artificial Intelligence	6
14	BCA 162	6	Computer Graphics	6
			<b>Discipline Specific Elective Course (DSEC)</b>	
1	BCA 251	5	Information Security	6
2	BCA 252	5	Microprocessor	6
3	BCA 261	6	Visual Programming	6
4	BCA 262	6	Project	6
			<b>Generic Elective Course (GEC)</b>	
1	BCA 311/ COM 311	1	Computer Fundamentals/ Consumer Affairs and Consumer Care	6
2	BCA 321	1	Mathematical Foundation	6
3	BCA 331	3	Financial Markets Institution and Financial Services	6
4	BCA 341	4	Numerical Methods	6
			<b>Ability Enhancement Course (AEC)</b>	
1	ENG 411	1	English Communication	2
2	EVS 421	2	Environmental Studies	2
			<b>Skill Enhancement Course (SEC)</b>	
1	BCA 531	3	HTML	2
2	BCA 541	4	PHP Programming	2

**BOTANY****Introduction:**

Botany is a branch of the natural science dealing with the study of plant life. The study introduces students to the interesting and complexities of the structure, function and relationship of plants. An essential background to this study is the opening up of the vast knowledge of plants evolutionary history, life structure, functions and relationship by integrating knowledge from molecular level to the whole of unicellular and multicellular organism. And that this knowledge being principally integrated and supported with practical and field work provides valuable skills. Exposure programme including field study, poster presentation, seminars, research projects, visits related institution, etc. for proper understanding of the function of systems is an important activity of the department. Specialized courses in Tissue Culture, Angiospermic Taxonomy and Ethnobotany are offered by the department.

**Careers:**

- Taxonomy
- Biochemistry
- Ecology
- Sugar Technology
- Conservation Biology
- Genetic Engineering
- Floriculture
- Microbiology
- Wood Technology
- Mushroom Cultivation
- Tissue Culture
- Biotechnology
- Biotechnology
- Environmental Science
- Environment Law
- Bioinformatics
- Forensic Sciences
- Environment Manage - ment
- Biofertilizer
- Clinical Biology
- Rubber Plantation
- Bamboo Technology
- Medicinal and Aromatic

**Faculty:**

- 1) Mrs. Avono Savino 2) Dr. Premkumar Singh 3) Dr. Reingamla Tetso 4) Mr. Amay Angami

**Course Curriculum for Undergraduate Programme:**

Sl.No.	Course Code	Semester	Course Title	Credit
			<b>Core Course</b>	
1	BOT 111	1	Microbiology and Phycology	6
2	BOT 112	1	Biomolecules and Cell Biology	6
3	BOT 121	2	Mycology and Phytopathology	6
4	BOT 122	2	Archegoniate	6
5	BOT 131	3	Anatomy of Angiosperms	6
6	BOT 132	3	Economic Botany	6
7	BOT 133	3	Basics of Genetics	6
8	BOT 141	4	Molecular Biology	6
9	BOT142	4	Ecology	6
10	BOT 143	4	Plant Systematics	6
11	BOT 151	5	Reproductive Biology of Angiosperms	6
12	BOT 152	5	Plant Physiology	6
13	BOT 161	6	Plant Metabolism	6
14	BOT 162	6	Plant Biotechnology	6
			<b>Discipline Specific Elective Course (DSEC)</b>	
1	BOT 251	5	Plant Breeding	6
2	BOT 252	5	Natural Resource Management	6
3	BOT 261	6	Industrial and Environmental Microbiology	6
4	BOT 262	6	Biostatistics	6
			<b>Generic Elective Course (GEC)</b>	
1	BOT 311	1	Biomolecules and Cell Biology	6
2	BOT 321	2	Archegoniate	6
3	BOT 331	3	Anatomy of Angiosperms	6
4	BOT 341	4	Plant Systematics	6
			<b>Ability Enhancement Course (AEC)</b>	
1	ENG 411	1	English Communication	2
2	EVS 421	2	Environmental Studies	2
			<b>Skill Enhancement Course (SEC)</b>	
1	BOT 531	3	Floriculture	2
2	BOT 541	4	Mushroom Culture Technology	2

**CHEMISTRY****Introduction:**

Chemistry has been defined as Molecular Science which provides better materials, better medicines and better health-care to the humanity. B. Sc. Honours course in Chemistry features introductory to advance studies. Different analytical methods and spectroscopic techniques are provided in the syllabus. Literature Review and Scientific Writing are introduced as skill enhancement courses. Practical study based on UV-visible spectroscopy is the special feature in this syllabus. Applications of basic chemistry practical to various fields and studies such as biochemistry, environmental science, agricultural science, food, medicines, dye, soaps, detergents, etc. are provided in the practical courses.

**Careers:**

- Molecular Modeling and Drug Design
- Engineering materials
- Nanomaterial
- Polymers
- Pharmaceuticals
- Dyes, Fuels, Chemical Industries
- Biochemistry
- Geochemistry,
- Environmental science, etc.

**Faculty:**

- 1) Mr. Oinam U-wang 2) Mr. Ramkashem Ramsan 3) Dr. T. Maoienla Ao 4) Dr. Bendangsenla N  
5) Ms. Merangmenla

**Course Curriculum for Undergraduate Programme:**

Sl.No.	Course Code	Semester	Course Title	Credit
			<b>Core Course</b>	
1	CHM 111	1	Inorganic Chemistry - I	6
2	CHM 112	1	Physical Chemistry - I	6
3	CHM 121	2	Organic Chemistry - I	6
4	CHM 122	2	Physical Chemistry - II	6
5	CHM 131	3	Inorganic Chemistry - II	6
6	CHM 132	3	Organic Chemistry - II	6
7	CHM 133	3	Physical Chemistry - III	6
8	CHM 141	4	Inorganic Chemistry - III	6
9	CHM 142	4	Organic Chemistry - III	6
10	CHM 143	4	Physical Chemistry - IV	6
11	CHM 151	5	Organic Chemistry - IV	6
12	CHM 152	5	Physical Chemistry - V	6
13	CHM 161	6	Inorganic Chemistry - IV	6
14	CHM 162	6	Organic Chemistry - V	6
			<b>Discipline Specific Elective Course (DSEC)</b>	
1	CHM 251	5	Analytical Methods in Chemistry	6
2	CHM 252	5	Industrial Chemicals and Environment	6
3	CHM 261	6	Green Chemistry	6
4	CHM 262	6	Spectroscopic Techniques in Chemistry	6
			<b>Generic Elective Course (GEC)</b>	
1	CHM 311	1	Inorganic - I and Organic Chemistry - I	6
2	CHM 321	2	Physical - I and Organic - II	6
3	CHM 331	3	Physical - II and Organic - III	6
4	CHM 341	4	Inorganic Chemistry - II	6
			<b>Ability Enhancement Course (AEC)</b>	
1	ENG 411	1	English Communication	2
2	EVS 421	2	Environmental Studies	2
			<b>Skill Enhancement Course (SEC)</b>	
1	CHM 531	3	Literature Survey /Pharmaceutical Chemistry	2
2	CHM 541	4	Scientific Writing /Project	2