KOHIMA SCIENCE COLLEGE

Jotsoma, Kohima-797002, Nagaland (NAAC Accredited "A-Grade")

Prospectus



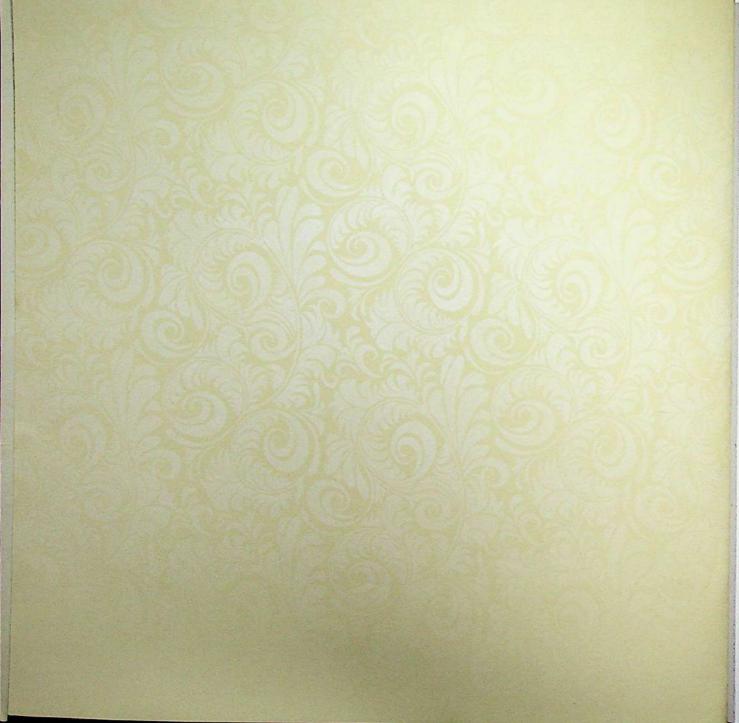


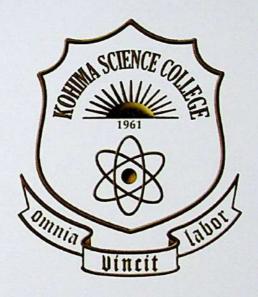
FOUNDING MEMBERS

- 1. Late Dr Neilhouzhü
- 2. Late Mr Keduonyü Sekhose
- 3. Late Mr U M Deb
- 4. Late Mr J B Jasokie
- 5. Late Mr Vizol Angami
- 6. Rev S L Munshi
- 7. Late Mr Akum Imlong

COLLEGE ADVISORY BOARD

1.	The Director, Higher Education	(1)	Chairman
2.	The Principal		Secretary
3.	Dr Shürhozelie	-	Member
4.	The Deputy Commissioner, Kohima	-	Member
5.	Chairman, Kohima Municipal Council	-	Member
6.	Nagaland University Representives		
	(a) Prof P Lal	-	Member
	(b) Dr (Mrs) VikolenoRino	-	Member
7.	Mr Krurovi Peseyie		
	Jotsoma Village Representative	-	Member
8.	The Vice Principal	-	Member
9.	Mr Megoneitso, Staff Representative	-	Member





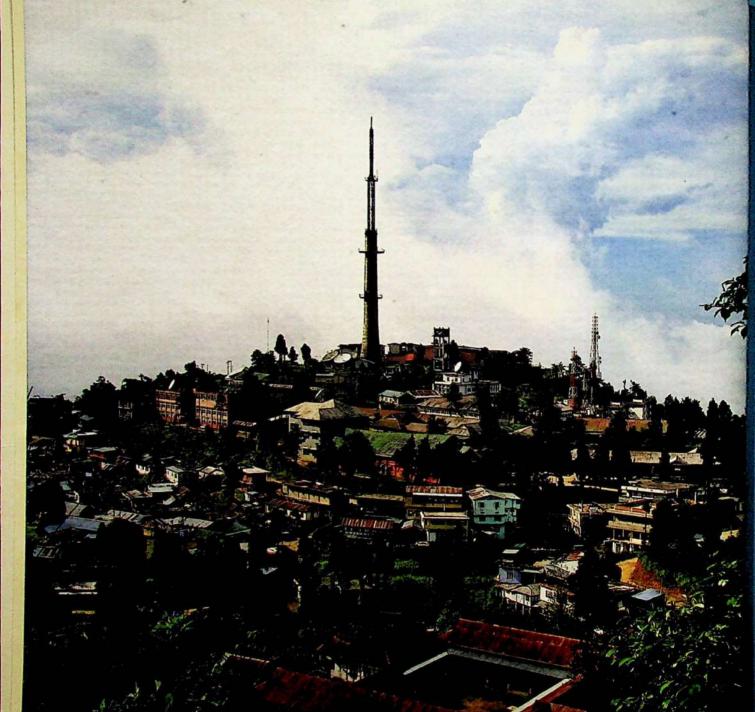
LABOUR OVERCOMES EVERYTHING

THE EMBLEM

designed by

Late Mr K Sekhose, Late Mr J B Jasokie and Late Mr Akum Imlong in 1962

bears the Rising Sun over an Atomic Structure signifying the aspirations, achievement of mankind in the field of Science.



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THE COLLEGE PROFILE

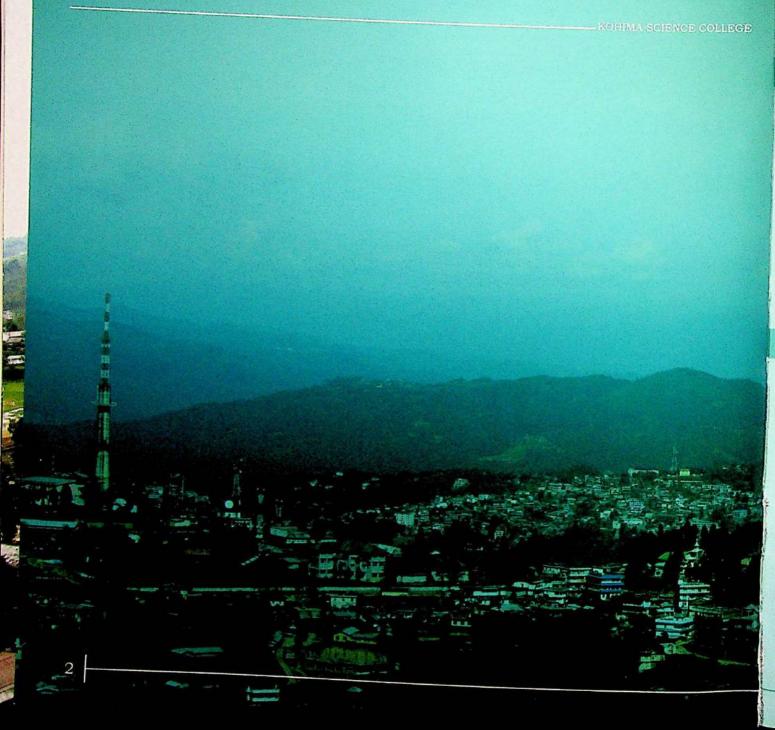
The Kohima Science College, Jotsoma, is an acclaimed institute for higher secondary and undergraduate science education in the State. Set up in 1961, it has been engaged in fostering the spirit of enquiry and nurturing a knowledge ecology that strengthens the knowledge base of the students to propel them to higher studies and other technical arenas. In this globalized world where we are witnessing the integration of global systems, human and knowledge resources, and technological tools, we at Kohima Science College realize that ignoring these signposts would make us irrelevant. Therefore, we aspire to engage in improving the standards of science education in the State and generate knowledge that is value-based. Kohima Science College has been successively affiliated to Guwahati University, North-Eastern Hill University and Nagaland Central University.

NAAC Accredited "A-Grade"

Kohima Science College, Jotsoma has secured A-Grade during the last accreditation conducted by National Assessment and Accreditation Council, Bangalore with a Grade Point (CGPA) of 3.05.

Our Visions

Kohima Science College is anchored in the concept of science education. It was established in view of the growing aspirations of the Naga people for science education in the State through the initiative of some prominent citizens of Nagaland. This small group of men felt the need to bring about positive changes in our land which was lacking in many aspects. To attain this they felt that science education be given priority as it would usher in technological development to augment the socio-economic condition of the people. The institute aims at initiating science education and to impress upon the students the need and importance of research. In this regard we realize that the college has a vast scope and role. We believe that the students are our best assets and we try our best to impart education to them worthy of emulation and relevant for the time and the times to come.





Our Mission

- To offer an inter-disciplinary undergraduate program that will lead to multi-dimensional growth for students and also open up career opportunities in a wide spectrum of areas.
- To help hone the skills of the students so that they use the knowledge base and attitudeset acquired as responsible global citizens.
- " To inculcate in the students the importance of reflective and analytical thinking.
- " To nurture standards for excellence, integrity, and fairness.
- " To help them become effective agents of social change.

It is our firm belief that these goals can become a reality only through hard work and industry as is reflected in our motto *Omnia Vincit Labor* labour overcomes everything.

Location

The college campus is located at Jotsoma village which is in the Barail range. It is 8 kms away from the heart of Kohima town, 65 kms from the Dimapur airport, and 74 kms from the Dimapur railway station. At an altitude of 1671 meters, the campus is nestled among the serene and evergreen Japanese cedars and the lovely cherries. It commands a panoramic view of Kohima town on the east, while *Mt. Pulie Badze* and the other undulating hills present a lush green tropical ambience on the south-west. The natural serenity of the campus and the perennial water-bodies offer a calm effect which makes the campus conducive for study.

ACADEMICS I: Bachelor of Science

This is a three-year programme of the College which leads to the degree of Bachelor of Science (B.Sc.) A student has the option of taking his/her B.Sc. degree either with Honours or as a General candidate. Currently the college offers Honours in 9 (Nine) subjects. The B.Sc. programme is a good launching pad for such students who wish to take an M.Sc. and/or a Ph.D. degree. This course is also ideally suited for students who want to take up career opportunities in civil/administrative services.

Following the National Policy on the introduction of the Semester system in the Indian universities the College has introduced the Semester system from the 2012 academic session. A minimum of 6 Semesters (3 years) and maximum 10 Semesters (5 years) will be required for B.Sc. Degree. The odd Semesters (I, III, & V) shall be from July 1 to December 31. The even Semesters (II, IV, & VI) shall be from January 1 to June 30. As per the College rule a student will have to pass Semesters I to V in order to be eligible to appear the last Semester examination. Each semester shall have class tests, internal assessment activities and end semester examinations with a weightage ratio of 30:70. In order to clear a semester the student has to secure a minimum of 45% marks in the internal assessments and 45% in the end semester examinations. However, in the practical papers the qualifying mark is 55% to be considered passed in a given semester.

As per the College norms, a student having less than 80% attendance shall not be allowed to appear end semester examinations.

Course Design

Compulsory Subjects:

- 1. English [Literature & Language]
- 2. Environmental Science

Elective Subject Combinations

Any one of the following may be opted. For an honours student one of the elective subjects, except Computer Science, will be the honours (main) subject.



Subject Combination for Mathematics Stream

1.	Physics Mathematics Chemistry	-	35 seats
	Physics Mathematics Statistics	4	35 seats
	Physics Mathematics Geology	-	35 seats
	Physics Mathematics Computer Science		35 seats

Subject Combinations in Biology Stream

1.	Chemistry Geology Geography		70 seats
	Chemistry Botany Zoology		120 seats
3.	Botany Zoology Anthropology	-	70 seats

Conditions

For Botany/Zoology honours, Chemistry must be an elective subject. For Chemistry Honours, one must pass Mathematics at HSSLC level. Except in Mathematics and Statistics, the number of seats for honour shall not exceed 30.

Reservation

Government of India Policy on Reservation

1. SC-15% 2. ST-7.5% 3. OBC-27%

4. PWD (Persons With Disabilities)-3%

Eligibility

12 passed or equivalent from a recognized Board with a minimum of 50% in aggregate (condition not applicable for students of Kohima Science College) and with the following conditions if an applicant wishes to take up Honours subject:

- a) 45% in the subject in which one desires to take up Honours.
- b) 45% in Biology to take up Honours in Botany or Zoology.
- c) 45% in the aggregate to take up honours in a subject not available at the + 2 or equivalent level.

ADMISSION PROCEDURE: B.Sc. I Semester

Prescribed application form along with the Prospectus and an Entrance Test sample question paper can be obtained from the college for ₹ 150. The completed application must contain the following:

- a) One attested photocopy of Admit Card. Pass Certificate and Mark Sheet of HSSLC or equivalent examination.
- b) Gap Certificate for a candidate who is applying after a gap of one year or more after passing the last examination from the institution last attended or from a Gazetted Officer personally known to him/ her in the manner of the given format.

The selection of students is based on the Entrance Test, the syllabus for which is the same as that of the AIPMT/NSEE. The selection of students is done strictly on merit and is monitored by an independent Admission Committee. In order to ensure fairness, the test is conducted using machine readable answer sheets (OMR sheets). Canvassing in any form will disqualify a candidate. The decision of the Admission Committee is final and binding.

The Test shall be held in 2 (two) Streams: Biology and Mathematics. A student may take the Test in one stream only. Separate merit list shall be released for each stream. List of selected candidates and candidates in the waiting list will be displayed in the college notice board. Students selected for admission shall be admitted strictly in accordance to the merit list. They will be eligible to exercise option from the combinations given above subject to availability of seats.

At the time of admission a candidate must produce the following documents in original of the last qualifying examination:

- a) Mark Sheet (The Mark Sheet shall be retained by the college for 6 months as per Govt. Order)
- b) Admit Card
- c) Passed Certificate
- d) Migration Certificate (for a candidate from another Board) for registration into Nagaland University.
- SC/ST/OBC/PWD Certificate(s)

If a candidate fails to get admitted on the specified dates and time his/her selection is forfeited. N.B.: Special consideration will be given for differently abled applicant.



1. Registration Fee 2. Enrolment Fee (B.Sc.) (Fees collected under 1 & 2 are for University) B.Sc. Students Tuition fees - for the session (payable during admission) 4. Admission Fee 5. Library (Fees collected under 3, 4 & 5 are revenues for the Government) 6. Library development 7. Internal Examination 8. Library caution money (refundable) 9. Session fee 10. Laboratory fee: for Chemistry for other subjects Fee Structure for 11. Development Fee 12. Identity Card 13. Water bill 14. Electricity fee 15. Bus Fee 16. IOAC 17. Internet/Broadband 18. Monthly Bulletin 19. Games and Sports 20. Magazine fee 21. Students' Union 22. Common Room fee 23. Freshers'/Parting Socials 24. Students' Handbook (Fees collected under 6 to 24 shall be retained by the college)

Annual Hostel Fee

1.	Admission (Revenue for Government)	-	₹	100.00
2.	Seat Rent (Revenue for Government)		₹	240.00
3.	Hostel Maintenance	-	₹	800.00
4.	Security Deposit (Refundable)	-	₹	1000.00
5.	Electricity Fee	=	₹	300.00
6.	Water Bill	=	₹	200.00
7.	Games & Sports		₹	
8.	Medical Fee	-	₹	100.00

Uniform

1.	College Blazer,	Tie and Crest -	₹ 1200.0	00
	College T-shirt		₹ 300.0	

150.00

240.00

₹ 100.00 ₹ 100.00

600.00

500.00

100.00

500.00

₹ 30.00 ₹ 200.00

₹ 1000.00

₹ 300.00 ₹ 800.00

₹ 300.00

₹ 300.00

100.00

200.00

150.00

150.00

50.00

50.00

20.00

300.00

50.00

25.00

Note: Fees once deposited are not refundable.

ACADEMICS II: Higher Secondary

This is a two-year NBSE program designed to provide preliminary insights into various science and language subjects. The programme is meant to help the students identify their area of interests as they prepare themselves for higher education in Under Graduate, or various Technical courses.

Eligibility

10 passed or equivalent from a recognized Board with a minimum of:

- a minimum of Grade B₁ with at least 55% each in Mathematics and Science for an Indigenous Naga student of Nagaland.
- a minimum of Grade B, with at least 50% each in Mathematics and Science for a Backward Tribe student.
- a minimum of Grade A₂with 60% each in Mathematics and Science for other students.

 (None shall be admitted without the minimum grade requirement prescribed by the NBSE)

Course Design

Subject Combinations:

Any one of the following may be opted:

- a) Eng / Alt Eng or MIL / Phy / Chem / Math / Bio (4th)
- b) Eng / Alt Eng or MIL / Phy / Chem / Math / Comp Sc (4th)
- c) Eng / Alt Eng or MIL / Phy / Chem / Bio / Math (4th)
- d) Eng / Alt Eng or MIL / Phy / Chem / Math
- e) Eng / Alt Eng or MIL / Phy / Chem / Bio

Internally assessed compulsory subjects <

- Environmental Education
- 2. Work Experience
- 3. Physical and Health Education

Note: Only a candidate who has 70% or above in Mathematics in the HSLC examination can opt for Computer Science.



ADMISSION PROCEDURE for Class 11

Application

Prescribed application form along with the Prospectus and an Entrance Test sample question paper can be obtained from the college for ₹ 150. The completed application must contain the following:

- One attested photocopy of Admit Card, Mark Sheet, and Passed Certificate of the HSLC Examination.
- 2) Two self-attested, passport size photographs (not later than 6 months)
- 3) Backward Tribe Certificate (For a candidate belonging to any one of the Backward Tribes)
- 4) Indigenous Inhabitant Certificate (For non-Naga indigenous inhabitants)
- 5) Gap Certificate for a candidate who is applying after a gap of one year or more after passing the last examination from the institution last attended or from a Gazetted Officer personally known to him/her in the manner of the given format.
- 6) Registration Card for a repeater under NBSE.
- 7) Permission from NBSE for a student who has previously been in another stream (Arts or Commerce).

Selection

The selection of students is based on the Entrance Test in Mathematics and Science (50 + 50 marks) as per the NBSE class 10 syllabus. The selection of students is done strictly on merit and is monitored by an independent Admission Committee. In order to ensure fairness, the test is conducted using machine readable answer sheets (OMR sheets). Canvassing in any form will disqualify a candidate. The decision of the Admission Committee is final and binding. List of selected candidates and candidates in the waiting list is displayed in the college Notice Board.

Top 20 candidates in the NBSE HSLC examination are exempted from appearing the entrance test.

At the time of admission a candidate must produce the following documents in **original** of the last qualifying examination:

- 1) Mark sheet (The Mark Sheet shall be retained by the college for 6 months as per Govt. Order)
- 2) Admit Card
- 3) Passed Certificate
- 4) Backward Tribe Certificate
- 5) Migration Certificate (For a candidate from another Board for registration into NBSE)
- 6) Birth Certificate

Total in-take Capacity in Higher Secondary Course: 160 Seats

1)	General (Open Category)		70
2)	Naga Students of Nagaland & Indigenous Inhabitants		46
3)	Backward Tribes	:	12
4)	Land Donors Quota (Jotsoma village)		05
5)	Founding Members Quota (one for each)	:	07
6)	Direct Admission for Top 20 Meritorious Students		
	HSLC -NBSE		20

Note: Special consideration for differently abled applicants

Conditions

Total number of students to be selected from the Entrance Test is subject to the number of applicants from the NBSE Top 20.

If a candidate fails to get admitted on the specified date/s and time, his/her selection is forfeited.

Student(s) nominated under quota should also possess the required minimum marks as given in Eligibility clause. This is a directive of the College Advisory Board.



1. Registration 150.00 Structure for Class 11 Students 2. Institute Registration Fee 10.00 350.00 3. Examination Fee 750.00 4. Migrating Students (Fees collected under 1, 2, 3 & 4 are for NBSE) 5. Tuition fees for the session 240.00 6. Admission Fee ₹ 100.00 100.00 7. Library (Fees collected under 5, 6 & 7 are revenues for the Government) 600.00 8. Library development 9. Internal Examination ₹ 300.00 ₹ 200.00 10. Library caution money (refundable) ₹ 100.00 11. Session Fee 12. Laboratory Fee: Chemistry ₹ 500.00 : for other subjects ₹ 300.00 13. College Development Fee ₹ 800.00 14. Identity Card 30.00 ₹ 200.00 15. Water bill 16. Electricity Fee ₹ 300.00 ₹ 300.00 17. Bus Fee ₹ 100.00 18. IOAC ₹ 200.00 19. Internet ₹ 150.00 20. Games and Sports 150.00 21. Magazine fee 22. Students' Union 50.00 50.00 23. Common Room Fee ₹ 300.00 24. Freshers'/Parting social 25. Monthly Bulletin 50.00 26. Students' Handbook 20.00 (Fees collected under 8 to 26 shall be retained by the college)

- ₹ 100.00

Annual Hostel Fee (only for hostellers)

8. Medical Fee

-			MACHIN	MINIO	Name and Address of the Park
	1.	Admission (Revenue for Government)		₹	100.00
		Seat Rent(Revenue for Government)			240.00
		Hostel Maintenance		₹	800.00
		Security Deposit (Refundable)	-	₹	1000.00
		Electricity Fee	-	₹	300.00
		Water fee			200.00
		Games & Sports			50.00
	September 18				

Uniform Fee

1. College Blazer, Tie, and Crest - ₹ 1200.00 2. College T-shirt - ₹ 300.00

Note: Fees once deposited are not refundable.

QUALITY CONTROL

The Principal chairs the Internal Quality Assurance Cell (**IQAC**) which comprises the Vice Principal, Heads of Departments and other members. The Cell plans and monitors measures to improve the quality of education. Some broad strategies of the cell are as follows:

Continuous assessment of the students is done by the college through the weekly tests, assignments, and projects. Three weekly tests are conducted in each subject for all the classes weekly tests are conducted in each subject for all the class in at during an academic year/a semester. Failure to pass in the during an academic year a student from taking the least two of these will debar a student from selection/end semester examination.

Each teacher is assigned a number of students to form a Mentoring Cell. The teacher is charged with the responsibility to monitor the progress of his/her ward.

A student is required to have at least 80% attendance to be able to take the final NBSE or Semester Examinations. Attendance is strictly monitored by the college administration and a student is debarred norm is college administration and a student is appearing the said examinations if the required norm and appearing the said examinations if the required norm is not attained. Also proxy attendance is a serious and punishable offence.



GENERAL NORMS

- 1) The uniform is compulsory for every student. The blazer & tie is worn on Friday and on any important occasion of the college. The T-shirt is worn on Tuesday. Students are expected to respect the college uniform and the crest, and also wear the uniform with matching/appropriate trousers/skirt and shoes. The college discourages wearing blazer and/or tie with slippers or floaters, and low-cut trousers/jeans.
- 2) Each student must have a college Identity Card and Library Cards.
- 3) Transfer Certificate is issued after the student applies and surrenders the student Identity Card. However, students wishing to take a TC during the year shall have to apply along with the following:
 - a) Student Identity Card
 - b) Laboratory Clearance and Attendance Certificate from the HOD.
 - c) Clearance Certificate from:
 - i) Library
 - ii) Hostel Superintendent (For Boarders)
 - iii) NCC Officer (For Cadets)
- 4) Immoral activities, public display of affection, and destructive acts including academic misconduct are strictly banned in the campus. A student guilty of any of these acts is liable to be expelled from the hostel and/or the college without any warning.
- 5) Smoking and use of intoxicants are strictly forbidden in the college campus, and in the college buses.
- 6) Communal and tribal harmony is to be preserved and promoted in the college.
- 7) On joining the college each student is given the Handbook for Students. Students are responsible for reading this handbook and become familiar with its contents. Not knowing the contents does not preclude the student from being governed by the information provided.

KNOWLEDGE AND LEARNING RESOURCES

Library

The library has a repository of 14636 books, referred scientific journals, national and international magazines. It has a host of local and national newspapers. It also has past exam question papers and project reports. The library has ten computers connected with 2Mbps Broadband dedicated line. The Reading Room is attached to the library.

Book Bank

The Book Bank has 4957 text books on different subjects. Students can borrow text books on long term basis through this scheme in addition to the normal library services.

INFLIBNET

The college is a registered user of UGC-NLIST (National Library and Information Services Infrastructure for Scholarly Content) Programme, a project funded by the Ministry of Human Resources Development under its National Mission on Education through ICT. The N-LIST project provides access to more than 3800 journals, 80000 electronic books and bibliographic databases to students, researchers and faculty, and also allows authorised users to download articles directly from the publisher's website.

LAN, Broadband and college website

These facilities have been sponsored by the children of one of the founding fathers, Lt. Dr. Neilhouzhü Kire. All academic departments, library and college office are networked by Local Area Network. Broadband connection of 2Mbps dedicated line is fed into the LAN through a proxy server. The entire academic campus is WiFi enabled through five access points. Students can surf the internet through ten PCs in Library and 30 Pcs from the computer laboratory.

The official website of the college: kscj.ac.in.



Institutional Biotech Hub

Funded by the Department of Biotechnology, India, the college has set up a Plant Tissue Culture Laboratory in order to provide training primarily to students of the college.

High-end Teaching Aids

All the nine honours classes are fitted with LAN linked- interactive smart boards to enhance teaching-learning experience. Other classrooms will also be digitized soon.

"Earn While you Learn" Schemes: Entrepreneurship

A mini Printing Press unit has been established to undertake minor printing works such as printing of bulletins, programme sheets, booklets, brochures, etc. Also, interested students may opt for Mushroom spawn production & cultivation and floriculture as a part of this scheme. Students participating in various levels of the said activities will be paid from the proceeds of sales, charges, etc.

EDUSAT (Education Satellite)

The Transmission Hub of EDUSAT, Nagaland is located at Kohima Science College and is connected to 50 Satellite Interactive Terminals (SITs) located in various parts of the State. It is funded by the Indian Space Research Organization (ISRO).

The Principal, Kohima Science College is the Nodal Officer. The Hub Engineer is Er. Ketou Linyü.

AMENITIES

Accommodation

Kohima Science College has three hostels for boys (170 seats) and one for girls (78 seats). A 110 capacity Boys Hostel is under construction. The hostels are centrally located with easy access to all day-to-day requirements including the Primary Health Centre, Bank (SBI with ATM facility) and the Post Office. Each hostel has a hall, a refectory, TV and single or shared accommodation. Apart from education students are also exposed to sports and other cultural and religious activities. Seat allotment is strictly on merit basis and is monitored by a committee.

Each hostel has a Superintendent and a Prefect. The Prefect assists the Superintendent for the smooth administration of the hostel. Each hostel also has a Mess Committee which is headed by a Mess Assistant. It ensures that the food is clean, hygienic, of good quality, and on time. The kitchen is manned by experienced cooks.

All the boarders are expected to be actively involved in the smooth running of the hostel and help to maintain discipline and a healthy atmosphere.

Names of the Hostels and Superintendents

- 1. Leone Hostel (Girls)
- Mrs M Amenla Lkr
- 2. Lake View Hostel (Boys)
- Mr Vesa Hiese
- New Boys' Hostel (Boys)
- Mr Temjenwabang
- 4. Peak Hostel (Boys)
- Mr Rokovikho Hesielie

Transportation

The college has three buses pressed into regular bus service to commute students and staff to and from the town. A nominal fee is charged for this service.

This transport service is also available for other activities as and when required. A pool vehicle is also available



Health Centre, Bank, Post Office, etc

The above mentioned facilities are all centrally located in the college campus and are therefore easily accessible to all.

Students Day Home

The spacious auditorium is the Students Day Home. Besides indoor games the auditorium is also used for literary and cultural functions. The Girls Common Room is attached to the Auditorium.

Games and Sports

The games and sports facilities in the campus not only help the students train physically but also help them develop a sporting spirit. The college has a football field, a basket ball court, and a large auditorium which also doubles as the indoor stadium.

Value Addition

Free Tutorial
Intensive Coaching for JEE
Founding Fathers Meritorious Award
Dr. S.K. Dey Literary Award
Rock Star Award
Workshops/Seminars (for B.Sc. only)
Field Trips(for B.Sc. only)

EXTRA-CURRICULAR & EXTENSION ACTIVITIES

Kohima Science College Students Union

Every student of the college is automatically a member of the KSCSU. The Principal is the President of the union. The General Secretary and the other members of the executive are elected through the students' general election. The union looks after the interests and welfare of the students and assists the college administration in matters relating to discipline and decorum. It also organizes various co-curricular and extra-curricular activities and helps in the publication of the college magazine *Illume*. Our students have been regularly winning prizes in many district- and State-level competitions conducted by various Govt. departments, NCC, and NGOs.

National Cadet Corps (NCC)

The NCC, with the motto Duty and Discipline, is a fair-tier administration and is considered to be one of the largest and the most disciplined youth organizations in the country. The college has a very strong NCC unit and it has been regularly winning awards and recognition at the State and regional level.

The Army wing of the college falls under the jurisdiction of 24th NAGA (INDED) COY and the Care Taker Officer (CTO) are Mr Rokovikho Hesielie, Asstt. Prof., Deptt. of Chemistry and Mr Savilie Yhor, Asstt. Prof., Deptt. of Chemistry.

The Air wing falls under the jurisdiction of No.1 (NL) AIR SQN, NCC (FIG) and the Associate NCC Officer is Mr N Meren Ao, Assoc. Prof., Deptt. of Chemistry. This is a good preparation for those who love discipline and are militarily inclined. Cadets may take the B Certificate Examination later on which helps one in getting into a military academy. Many of our alumni have been able to get into military service through the NCC.

National Service Scheme (NSS)

The NSS with the motto "Not Me but You" helps to develop the personality of a student through community service. This programme was formally launched by the Ministry of Education in 1969 to inculcate a sense of duty among the students in nation building, particularly in rural areas. The NSS is now under the direct management of the Ministry of Youth Affairs, Govt. of India. Nagaland links with the centre through its State Liaison Officer (SLO), Deptt. of Sports & Youth Resources, Govt. of Nagaland. Volunteers can earn an A or B Certificate in college which becomes handy later on in getting into a university or a job. The



College has more than 500 volunteers, and its adopted village is Jotsoma Village (Thekrünoma Khel). The programme Officers (POs) are Mr Dziesevituo Angami, Mr Wekhrolo Therie and Ms Sharon Konyak.

Science Club, Photography Club, Nature Club and Red Ribbon Club

Students, on joining the college, may also register their names in any of these clubs.

WinFest

The Winter Festival is an annual affair held in late November. WinFestis an extracurricular programme held to promote self-development and encourage maximum student participation without inter-group, -tribal rivalry. WinFest is an extravaganza of sports, rollicking music, literary competition, flower show, food and games, painting and photography competition culminating in the Parting Social and release of Illume. The Flower Show is formally patronized and sponsored by the **Department of Horticulture**, Govt. of Nagaland.

Evangelical Union (EU)

The EU, Kohima Science College, which has entered its 41styear this year, is one of the strongest EUs in the north-east. Once the new academic session begins a Hostel Penetration programme is conducted for the new students to apprise them of the various EU programmes. However, membership is strictly voluntary. EU is interdenominational and not a church. The EU is affiliated to the Union of Evangelical Students of India (UESI) which is affiliated to International Fellowship of Evangelical Students (IFES).

Kohima Science College Teachers' Association (KSCTA)

This Association looks after the welfare of the teachers. The Association is affiliated to All India Federation of University and College Teachers Organization (AIFUCTO).

Students Grievance Redressal Cell

This Cell helps to support a student in difficulty through advice, counselling and any other help if necessary so that his/her academic activities are not hampered in any manner.

The members are:

- 1) Mr Vesa Hiese, Asstt. Prof., Deptt. of Botany (Convenor)
- 2) Mrs Moasangla Jamir, Assoc. Prof., Deptt. of Anthropology
- 3) Mrs Narola Mekro, Asstt. Prof., Deptt. of English
- 4) Mrs Katasinlieu, Asstt. Prof., Deptt. of Zoology

Disciplinary and Anti-Ragging Committee

This committee has been formed under the directive of the Hon'ble Supreme Court of India through the Nagaland University. Ragging has always been looked upon as a serious offence by the Kohima Science College and it shall continue to campaign against ragging. This committee shall also look into any other disciplinary problems, including eve-teasing, should they arise.

The members of this committee are:

1. Principal	- Convenor
2. Vice Principal	- Member Secy
3. Hostel Superintendent, Leone Hostel	- Member
4. Hostel Superintendent, Peak Hostel	- Member
5. Hostel Superintendent, Lake View Hostel	- Member
6. Hostel Superintendent, New Boys' Hostel	- Member
7. Mr Megoneitso, HOD, Deptt. of Botany	- Member
8. Dr (Mrs) Lily Sema, HOD, Deptt. of Geology	- Member
9. Dr Stephen Lotha, Assoc. Prof., Deptt. of Physics	- Member
10. Dr T Tiakaba, Asstt. Prof., Deptt. of Chemistry	- Member
11. General Secretary, KSCSU	- Member



Research and Consultancy Committee

Headed by Dr. Sanjay Sharma as the convener, the committee endeavours to encourage research activities among the teaching faculty of the college. It also compiles the works done by teachers.

Alumni Association

Headed by Mr. Renthungo Jungio as President, and Ms. Avelu Ruho as General Secretary, the Association works in close association with college fraternity with a view to uplift the College. Presently, it is actively engaged in raising fund for the construction of a 50-bedded Girls' Hostel.

Parents Teachers Association (PTA)

PTA is formed to facilitate and encourage parental participation in the college. The association is headed by Er. Visekholie Nakhro, Superintending Engineer, Deptt.of Power, as its president.

Career Guidance and Students Counselling Cell

This cell advises and gives access to career resources to the degree students. It also organizes consultation and arranges interaction with alumni to help the students seek and attain their professional goals. This cell helps student by providing relevant academic and career information so that the students are up-to-date with employment trends and options.

This nine-member cell is headed by Dr. M Devrani, Assoc. Prof., Department of Physics.

Faculty and Administrative Staff Grievance Cell

This cell has been set up in order to facilitate redressal of grievances of the staff of the college.

1. Mr Imlaba Longkumer

- Convenor

2. Ms Meripeni

- Secretary

3. Mr Imlitemjen

- Member

Mrs Vineino

- Member

SCHOLARSHIP AND AWARDS

Founding Fathers Meritorious Award

Apart from the Post-Matric Scholarships given by the government to economically weak and/or merit students, some other awards (certificate and cash) instituted by the college and sponsored by the faculty are available annually to gold medallists and subject toppers in the NBSE and the final year University examinations.

They are:

	Award	Subject
1.	Dr Neilhouzhū K. Angami Meritorious Award	Life Sciences
2.	Mr K Sekhose Meritorious Award	Humanities
3.	Rev Haizotuo Munshi Meritorious Award	Mathematics
4.	Mr Akum Imlong Meritorious Award	Chemistry
5.	Mr J B Jasokie Meritorious Award	Earth Science
6.	Mr U M Deb Meritorious Award	Statistics
7.	Mr Vizol Meritorious Award	Physics
8	Other Academic Awards for Excellence in the N	RSE Examination

Dr S K Dey Literary Award

The award is privately sponsored by a group of his admirers and friends and approved by the college authority. It comprises a cash prize and a Commendation Certificate. This annual Award is given to the best original poem/essay/short story or any other genre in the Literary Competition held during WinFest.



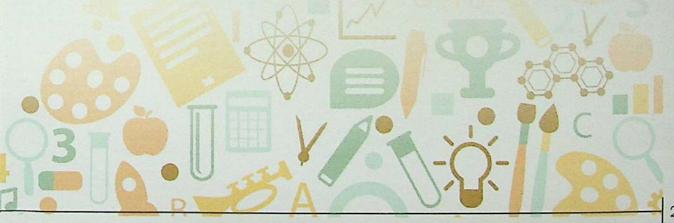
Graduate Syllabus Outline, Career Prospect and Faculty

Kohima Science College, Jotsoma was granted academic autonomy in 2014. The college holds its own examination and award certificate after it is endorsed by the Nagaland University. The college offers graduate degree course in Science, the duration of which is 6 semesters (3 years) with or without honours.

A general guideline regarding the graduate syllabus and career prospect is laid out in the following tables.

FACULTY PROFILE: Academic Staff

Dr I Anungla Aier, M.Sc., Ph.D. Mr Yanger Longkumer, M.Sc. Principal Vice Principal





B Sc Programme in **Anthropology**

S	emester	Course No	Course Name	Credits
	Pass &	ANT 1.1	Foundations of Anthropology-I	4
1	Honours	ANT 1.2	Foundations of Anthropology-II practical	1
	Honours	ANT 1.3	Fundamentals of Human Genetics I	2
	Hollours	ANT 1.4	Fundamentals of Human Genetics II Practical	1
1	De 9	ANT 2.1	Biological & Archaeological Anthropology I	4
п	Pass & Honours	ANT 2.2	Biological & Archaeological Anthropology II Practical	1
	Honours	ANT 2.3	Genetics & Variations I	2
		ANT 2.4	Genetics & VariationsII Practical	1
it to	Pass &	ANT 3.1	Fundamentals of Social and Cultural Anthropology I	4
ш	Honours	ANT 3.2	Fundamentals of Social and Cultural Anthropology II Practical	1
	Honours	ANT 3.3	Indian Anthropology I	2
	Honous	ANT 3.4	Indian Anthropology II Practical	1
	Pass &	ANT 4.1	Fundamentals of Archaeological Anthropology I	4
IV	Honours	ANT 4.2	Fundamentals of Archaeological Anthropology II Practical	1
•	Honours	ANT 4.3	Archaeological Anthropology: Evolution of Early Culture and Domestication	2
		ANT 4.4	Archaeological Anthropology Practical	11
	Pass &	ANT 5.1	Field Work & Field Work TraditionI	4
	Honours	ANT 5.2	Field Work & Field Work Tradition II Practical	1
v	Honours	ANT 5.3	Tools and Techniques of Anthropological Research I	2
		ANT 5.4	Tools and Techniques of Anthropological Research II Field Work & Report Writing	1
	Pass &	ANT 6.1	Race & Race Formation	4
VI	Honours	ANT 6.2	Biological and Archaeological Anthropology Practical	1
		ANT 6.3 (CBCP)	a) Applied Anthropology I b) Development & Emerging Issues I c) Human Ecology: Biological Dimensions I d) Gender Studies I e) Certificate Course on Forensic Anthropology I	2
		Honours	ANT 6.4 (CBCP)	a) Applied Anthropology II Practical b) Development & Emerging Issues II Practical c) Human Ecology: Biological Dimensions II Practical d) Gender Studies II Practical e) Certificate Course on Forensic Anthropology II Practical PROJECT



Career Prospects in Anthropology

Competitive exams at the international, national (UPSC), and state level, teaching and research, health and medical sectors, public administration, environmental services, counselling, planning, development, museum, crime investigation, industries/business, sports, designing equipments, excavation of archaeological sites, conservation and protection of cultural heritages, Researchers, consultants, policy makers, and analyst in UNESCO, UNICEF, NACO, NSACS, etc.

Faculty Profile

1. Dr M Kikon, M.A., M.Phil., Ph.D.

2. Mrs R Moasangla Jamir, M.Sc.

3. Ms Kevilhouneinuo Nagi, M.Sc.

4. Ms K Mary Liezietsu, M.Sc.

5. Ms Moarenla Longkumer, M.Sc., NET

6. Dr David Tetso, M.Sc., Ph.D.

7. Ms Sharon Konyak, M.Sc.

8. Ms Shetsotalu, M.Sc.

Associate Professor

Associate Prof. & Head

Associate Professor

Assistant Professor

Assistant Professor

Assistant Professor

Assistant Professor

Assistant Professor



B Sc Programme in Botany

S	emester	Course No	Course Name	Credits
- 5145	Pass &	BOT 1.1	Plant Group I	4
1	Honours	BOT 1.2	Plant Group I Practical	1
	Honours	BOT 1.3	Microbiology and Plant Pathology	2
	nonours	BOT 1.4	Microbiology and Plant Pathology Practical	1
	Pass &	BOT 2.1	Plant Group II	4
п	Honours	BOT 2.2	Plant Group II Practical	1
-	Honours	BOT 2.3	Applied Botany	2
	Honours	BOT 2.4	Applied Botany practical	1
	Pass &	BOT 3.1	Angiospermic Morphology, Anatomy & Taxonomy	4
ш	Honours	BOT 3.2	Angiospermic Morphology, Anatomy & Taxonomy Practical	1
		BOT 3.3	Embryology, Palynology & Biological Methods	2
	Honours	BOT 3.4	Embryology, Palynology & Biological Methods Practical	1
	Pass & Honours	BOT 4.1	Biochemistry, Fundamentals in Molecular Biology, Ecology & Plant Breeding	4
IV		BOT 4.2	Biochemistry, Fundamentals in Molecular Biology, Ecology & Plant Breeding Practical	1
		BOT 4.3	Biochemistry and Enzymology	2
		BOT 4.4	Biochemistry and Enzymology Practical	1
	Pass &	BOT 5.1	Cytology and Genetics	4
	Honours	BOT 5.2	Cytology and Genetics Practical	1
V	Honours	BOT 5.3	Molecular Biology and Plant Biotechnology	2
		BOT 5.4	Molecular Biology and Plant Biotechnology Practical	1
	Pass &	BOT 6.1	Plant Physiology	4
	Honours	BOT 6.2	Plant Physiology Practical	1
VI	Honours	BOT 6.3 (CBCP)	a) Phytogeography, Biodiversity & Environmental Biology b) Angiosperm Taxonomy c) Mushroom Cultivation	2
		BOT 6.4 (CBCP)	a) Phytogeography, Biodiversity & Environmental Biology Practical b) Angiosperm Taxonomy Practical c) Mushroom Cultivation Practical	1
		BOT 6.5	PROJECT	2



Career Prospects in Botany

Biochemistry, Bioinformatics, Biotechnology, Food Technology, Forensic Science, Forestry, Horticulture, Microbiology, Soil, Nutrition, Health, Wildlife, Marine Biotechnology, Plant Physiology, Sericulture, Horticulture, Plant Ecology, Mushroom Culture, Teaching, Research.

Faculty Profile

1. Mr Megoneitso, M.Sc.	Associate Prof. & Head

2. Mrs Tokheni Sema, M.Sc.	Associate Projessor
3. Ms Sungtinaro Jamir, M.Sc.	Associate Professor

7. Mr Wenyitso Kapfo, M.Sc., NET	Asstt. Prof. (on study leave)
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8.	Mr Wekhrolo Therie, M	Sc., NET	Assistant Projessor
9	Dr Mhathung Yanthan	M.Sc., Ph.D., NET	Assistant Professor

J. Di milatirang rais	ichan, m.ee, m.e., m.		
10 Ma Samadanda	M So NET	Acett Pre	of (on studu leave

10. Ms Samadangia, M.Sc., NEI	Assit. Floj. (on study teave)

11. Dr Moaakum, M.Sc., Ph.D. As	sistant Professor
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12. Dr (Ms) Khrienuo	Angami,	M.Sc., Ph.D.	Assistant Professor
The second secon				

13. Mr Tosovil, M.Sc. Assistant Professor



B Sc Programme in Chemistry

S	emester	Course No	Course Name	Credits	
Pass & CHE 1.1		CHE 1.1	Inorganic Chemistry (Theory)	4	
1	Honours	CHE 1.2	Inorganic Chemistry (Practical)	11	
	Honours	CHE 1.3	Inorganic Chemistry (Theory)	2	
	nonours	CHE 1.4	Inorganic Chemistry (Practical)	1	
п	Pass & CHE 2.1 Organic Chemistry (Theory)		Organic Chemistry (Theory)	4	
	Honours	CHE 2.2	Organic Chemistry (Practical)	1	
11	Honours	CHE 2.3	Organic Chemistry (Theory)	2	
	Honours	CHE 2.4	Organic Chemistry (Practical)	1	
	Pass &	CHE 3.1	Physical Chemistry (Theory)	4	
ш	Honours	CHE 3.2	Physical Chemistry (Practical)	1	
ш		CHE 3.3	Physical Chemistry (Theory)	2	
	Honours	CHE 3.4	Physical Chemistry (Practical)	1	
W D	Pass &	CHE 4.1	Inorganic Chemistry (Theory)	4	
IV	Honours	CHE 4.2	Inorganic Chemistry (Practical)	1	
IV	Honours	CHE 4.3	Quantum Chemistry & Molecular Spectroscopy	2	
		CHE 4.4	Advanced Practical I (Physical, Inorganic)	1	
	Pass & CHE 5.1		Organic Chemistry (Theory)	4	
	Honours	CHE 5.2	Organic Chemistry (Practical)	1	
V	Honours	CHE 5.3	Analytical Chemistry& Applications of Spectroscopy	2	
		CHE 5.4	Advanced PracticalII (Inorganic and Organic)	1	
	Pass &	CHE 6.1	Physical Chemistry (Theory)	4	
	Honours	CHE 6.2	Physical Chemistry (Practical)	1	
vı	VI		CHE 6.3 (CBCP)	a) Biological Chemistry b) Nano Chemistry c) Medicinal Chemistry d) Environmental and Green Chemistry	2
	Honours	CHE 6.4 (CBCP)	a) Biological Chemistry Practical b) Nano Chemistry Practical c) Medicinal Chemistry Practical d) Environmental and Green Chemistry Practical PROJECT	1 2	

Career Prospect in Chemistry

Analytical Chemistry

Teacher, Lab Chemist, Production Chemist, research & Development Manager, Quality Controller, R&D Director, Chemical Engineering Associate, Biomedical Chemist, Industrial Research Scientist, Materials Technologist, Production Officer, Safety Health and Environment Specialist.



Chemistry

Industries/ Companies to which one can apply

Pharmaceutical, Agrochemical, Petrochemical, Toiletry, Textile, Educational, Industrial/Independent Laboratories, Technical Firms, Environmental Law, Plastic, Petroleum, Engineering Units, Chemical, Heavy Chemical Firms, Medical Research, Food Processing, Paint, Patent Law Firms, Space Exploration Agencies, Forensic Science, Ceramics, Paper, Military Systems.

Industrial Chemistry

Manager – Sales Force Automation, Biology Researcher, Chemist, Sales & Marketing, Laboratory Assistant, Teaching, Research, Oceanography and Marine Geology, Accounting and Material Officer, Pharmacist, Plant Biochemist, Research Associate, Science Adviser, Taxonomist.

Employment Areas

Universities, Manufacturing and Processing Firms, Seed and Nursery Organisation, Research and Development, Oil Industry, Biotechnology, Food Institute, Chemical Industry, Agricultural Research.

Government Sector

UPSC, BPSC, Banking, Railways Exam, SSC, Air force, Navy, Army, ISRO, BARC, DRDO, Bharat Petroleum, Indian Oil Cooperation, ONGC, Advanced Centre for Treatment, Teaching (schools, colleges, universities)

Faculty Profile

1. MrSk	Mishra,	M.Sc.
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2. Mr N Meren Ao, M.Sc.

3. Dr K K Tiwari, M.Sc., Ph.D.

4. Mrs Sangeeta Vizo, M.Sc.

5. Dr V K Choudhury, M.Sc., Ph.D.

6. Dr R Vineetha Kumari, M.Sc., Ph.D.

7. Mr Kenneth Punyü, M.Sc.

8. Dr T Tiakaba Jamir, M.Sc., Ph.D.

9. Mr Rokovikho Hesielie, M.Sc.

10. Mrs Neivotsonuo B Kuotsu, M.Sc., B.Ed.

11. Mrs Vineinu Rhetso, M.Sc.

12. Mrs Chubarenla, M.Sc.

13. Mr Savilie Yhor, M.Sc.

Associate Prof. & Head

Associate Professor Associate Professor

Assistant Professor

Assistant Professor

Assistant Professor

Assistant Professor

Assistant Professor

Assistant Professor

Asstt.Prof. (on study leave)

Assistant Professor

Assistant Professor Assistant Professor



B Sc Programme in Computer Science

S	Semester Course No		r Course No Course Name	
T	Pass &	COM 1.1	Computer Basics(Theory)	4
•	Honours	COM 1.2	Computer Basics (Practical)	1
п	Pass &	COM 2.1	C Programming (Theory)	4
	Honours	COM 2.2	C Programming (Practical)	1
ш	Pass &	COM 3.1	Data Structures using C (Theory)	4
ш	Honours	COM 3.2	Data Structures using C (Practical)	1
IV	Pass &	COM 4.1	Database Management Systems (Theory)	4
14	Honours	COM 4.2	Database Management Systems (Practical)	1
v	Pass &	COM 5.1	Visual Basic (Theory)	4
	Honours	COM 5.2	Visual Basic (Practical)	1
VI	Pass &	COM 6.1	Web Technology (Theory)	4
AT	Honours	COM 6.2	Web Technology (Practical)	1



Career Prospect in Computer Science

Software Engineer or Software Developer, Computer Programmer, Hardware Designer, Systems Analyst, Network and System Administrator, Technical Support or Support Engineer, Technical Writer, Microprocessor System Designer.

Faculty Profile

- 1. Mr P Sinha, MCA
- 2. Ms Nuzotalu Veyie, B.E., MCA

3.

Ms Virhulie M Dukru

4.

Mr Modozho Mathew

Assistant Professor

Assistant Professor

Computer Instructor

Computer Instructor



B Sc Programme in English

8	Semester Course No		Course Name	Credits
1	Pass & Honours	ENG 1.1	Prose/Essay pieces Poetry Grammar Composition [Job application & CV, Essay Writing] Language Skills [Bibliography Writing, Footnotes & Endnotes]	2
п	Pass & Honours	ENG 2.1	Short Stories Drama Grammar Composition [Comprehension, Précis Writing] Language Skills [Writing Assignment, Term Papers, Seminar, Dissertation]	2
v	Pass & Honours	ENG 5.1 (CBCP)	Proficiency in English (Theory) 1. Phonetics 2. Regional Varieties of English 3. Remedial Grammar 4. Recent Trends in English Language Development 5. Conversational English	1
80-			Proficiency in English (Practical)	1



Career Prospect in English

Writing & Composing (Creative/block/critical), Translation (Written/oral), Teaching (Pre-school to university), Research, Civil Service, Tutors of Spoken English, Journalism, Media industry (Radio & TV), Tourism, Sales representative, Receptionist, (BPOs, offices, marts), PROs, Spokesperson, Programme presenting, Linguistics, Psycho-/Socio-Linguistics.

Faculty Profile

1	Man M A In I M A	
1.	Mrs M Amenla Longkumer, M.A.	33

- 2. Dr (Mrs) Kelhouletuonuo, M.A., Ph.D.
- 3. Mrs Narola Mekro, M.A.
- 4. Dr Seyiekhrielie Whiso, M.A., Ph.D., NET
- 5. Ms Kevitsunuo Linyü, M.A.
- 6. Mr Richard Dzüvichü, M.A.
- 7. Ms Neilhoumenuo Noudi, M.A.
- 8. Mr Keneivi-o Liezietsu, M.A.

Associate Prof. & Head

Associate Professor

Assistant Professor

Assistant Professor

Assistant Professor

Asstt.Prof.(on study leave)

Assistant Professor

Assistant Professor

Department of Tenyidie

- 1. Ms Vizomenuo Merlyn Yhome, M.A.
- 2. Ms Shepolü, M.A.
- 3. Mr Kevimedo Keyho, M.A. (attached to Baptist College)
- 4. Ms Vilehunuo, M.A.

Asst. Professor & Head

Assistant Professor

Assistant Professor

Assistant Professor

Department of Hindi

1. Dr (Ms) Shanta Gurung, M.A., Ph.D.



B Sc Programme in **Geography**

S	emester	Course No	Course Name	Credits
	Pass &	GPY 1.1	Geomorphology	4
I	Honours	GPY 1.2	Geomorphology(Practical)	1
•	Honours	GPY 1.3	Geographical Thought	2
	Honours	GPY 1.4	Geographical Thought (Practical)	1
2	Pass &	GPY 2.1	Climatology & Oceanography	4
	Honours	GPY 2.2	Climatology & Oceanography (Practical)	1
**	Honours	GPY 2.3	Advanced Geomorphology	2
	Honours	GPY 2.4	Advanced Geomorphology (Practical)	1
ш	Pass &	GPY 3.1	Human Geography	4
	Honours	GPY 3.2	Human Geography (Practical)	1
***	Honours	GPY 3.3	Biogeography	2
	Honours	GPY 3.4	Biogeography (Practical)	1
IV	Pass & Honours	GPY 4.1	Economic Geography	4
		GPY 4.2	Economic Geography (Practical)	1
	Honours	GPY 4.3	Regional Geography of the World	2
		GPY 4.4	Regional Geography of the World (Practical)	1
TOA	Pass &	GPY 5.1	Regional Geography of India	4
v	Honours	GPY 5.2	Regional Geography of India (Practical)	1
•	Honours	GPY 5.3	Geography of Resources	2
		GPY 5.4	Geography of Resources (Practical)	1
	Pass &	GPY 6.1	Regional Geography (North-East India with Special Focus on Nagaland)	4
	Honours	GPY 6.2	Regional Geography (North-East India with Special Focus on Nagaland) (Practical)	1
VI	Honours	GPY 6.3 (CBCP)	a) Environment and Disaster Management b) c)	2
		GPY 6.4 (CBCP)	a) Environment and Disaster Management (Practical) b) c)	1
		CHE 6.5	PROJECT	2



Career Prospect in Geography

Civil Services, Teaching (Colleges/Universities), Research, Meteorology, GIS and Remote Sensing, Urban and Rural Planning, Architecture, Disaster Management, Forest, Geoinformatics.

Faculty Profile

1.	Mr Imlitemjen, M.Sc.	Associate Prof. & Head
2.	MrTRinga, M.Sc.	Associate Professor
3.	Ms Rongdensüngla, M.Sc.	Asstt.Prof. (on study leave)
4.	Mr Sakhoveyi Lohe, M.Sc.	Asstt.Prof. (on study leave)
5.	Mr Selie Puro, M.Sc.	Assistant Professor
6.	Ms T Medoweü, M.Sc.	Assistant Professor
7.	Ms Zakali Ayemi, M.Sc., NET	Assistant Professor
8.	Ms Thejanguno Peseyie, M.Sc.	Assistant Professor



B Sc Programme in Geology

Se	emester	Course No	Course Name	Credits
100	Pass &	GEO 1.1	Physical and Structural Geology	4
1	Honours	GEO 1.2	Practical on Physical and Structural Geology	1
1		GEO 1.3	Physics and Dynamics of the Earth	2
	Honours	GEO 1.4	Practical on Physics and Dynamics of the Earth	1
415	Pass &	GEO 2.1	Crystallography and Mineralogy	4
	Honours	GEO 2.2	Practical on Crystallography and Mineralogy	1
п	Hanauma	GEO 2.3	Geomorphology, Remote Sensing and Engineering Geology	2
	Honours	GEO 2.4	Practical on Geomorphology, Remote Sensing and Engineering Geology	1
	Pass &	GEO 3.1	Igneous and Metamorphic Petrology	4
	Honours	GEO 3.2	Practical on Igneous and Metamorphic Petrology	1
ш		GEO 3.3	Advanced Structural Geology and Hydrogeology	2
	Honours	GEO 3.4	Practical on Advanced Structural Geology and Hydrogeology	1
	Pass &	GEO 4.1	Palaeontology and Stratigraphy	
IV	Honours	GEO 4.2	Practical on Palaeontology and Stratigraphy	1
	Honours	GEO 4.3	Exploration & Mining Geology and Energy Resources	2
		GEO 4.4	Practical on Exploration & Mining Geology and Energy Resources	1
	Pass &	GEO 5.1	Sedimentary Petrology and Environmental Geology	4
	Honours	GEO 5.2	Practical on Sedimentary Petrology and Fieldwork	1
V		GEO 5.3	Advanced Palaeontology and Indian Stratigraphy	2
	Honours	GEO 5.4	Practical on Advanced Palaeontology and Indian Stratigraphy	1
	Desa 9	GEO 6.1	Economic Geology and Indian Mineral Resources	4
	Pass & Honours	GEO 6.2	Practical on Economic Geology and Indian Mineral Resources	1
VI	Honours	GEO 6.3 (CBCP)	a) Disaster Management b)Advanced Remote Sensing and GIS c)Geology and Mineral Resources of Nagaland d) Micro- Fossils	2
		GEO 6.4 (CBCP)	a) Practical on Disaster Management b) Practical on Advanced Remote Sensing and GIS c) Practical on Geology and Mineral Resources of Nagaland d) Practical on Micro- Fossils	1
	A LICENZ	GEO 6.5	PROJECT / FIELDWORK	2



Career Prospect in Geology

Career options for geologists are available in the following Government and Private Sectors at lower, middle and senior / top executive levels:

Indian Bureau of Mines, Atomic Energy Departments, Geological Survey of India, Oil and Natural Gas Corporation, National Mineral Development Corporation, Central Groundwater Board, Coal India Limited, Mineral Exploration Authority, Environmental Consultancy Firms, Mining Companies, Cement Companies, Geophysical Instrumentation, Geological Research Institutes and Organizations, State and Central Government Departments of Geology and Mining, Energy Companies – Reliance, Oil India, Hindustan Oil Corporation, Essar, Bharat Petroleum Corporation Limited, Leading Construction and Engineering Companies

Faculty Profile

1.	Dr (Mrs) Lily Sema, M.Sc., Ph.D.	Associate Prof. & Head
2.	Mrs Thungbeni Yanthan, M.Sc.	Associate Professor
3.	Dr Vizovol Mekro, M.Sc., Ph.D.	Associate Professor
4.	Dr (Mrs) Ralimongla Jamir, M.Sc., Ph.D.	Associate Professor
5.	Mrs Aleno Doulo, M.Sc.	Assistant Professor
6.	Dr Hovithal Sothu, M.Sc., Ph.D.	Asstt.Prof. (on deputation)
7.	Mrs Abeni Odyuo, M.Sc., NET	Assistant Professor
8.	Mrs Meniele K. Nuh, M.Sc.	Assistant Professor

Dr (Mrs) Rokokhono Nakhro, M.Sc., Ph.D.



B Sc Programme in **Mathematics**

Semester Course		Course No	Course Name	Credits
I	Pass & Honours	MAT 1.1 Calculus I & Algebra I		5
	Honours	MAT 1.2	Elementary Number Theory	3
п	Pass & Honours	MAT 2.1	Calculus II & Higher Trigonometry	5
	Honours	MAT 2.2	Real Analysis I & Complex Analysis I	3
ш	Pass & Honours	MAT 3.1	Advanced Calculus I & Algebra II	5
	Honours	MAT 3.2	Real Analysis II & Complex Analysis II	3
rv Pass & Honours Honours		MAT 4.1	Advanced Calculus II & Algebra III	5
	Honours	MAT 4.2	Abstract Algebra & Advanced Differential Equations I	3
v	Pass & Honours	MAT 5.1	Mechanics I & Vector Analysis	5
V	Honours	MAT 5.2	Linear Algebra & Advanced Differential Equations	3
	Pass & Honours	MAT 6.1	Mechanics II & Analytical Geometry	4
VI		MAT 6.2 (CBCP)	a) Differential Geometry b) Mathematical Methods c) Advanced Mechanics	3
	Honours		d) Programming in C & Numerical Analysis	2
		MAT 6.3 (CBCP)	d) Programming in C & Numerical Analysis Practical	1
		MAT 6.4	PROJECT	2



Career Prospect in Mathematics

Teaching (Schools, Colleges, Universities & Institutes), Banking, Accounting, Engineering, Actuary, Statistics, Meteorology, Programming, System Analyst.

Faculty Profile

1. Mr M N Murali, M.Sc., NET	1.	Mr M	N Murali,	M.Sc., NET
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2. Mrs Roseline Xavier, M.Sc.

3. Dr S N Pandey, M.Sc., Ph.D.

4. Mr Khrietuo Doulo, M.Sc., NET

5. Ms Jane Roseline Yimchunger, M.Sc.

6. Mr Hemanta Konwar, M.Sc.

7. Mrs Vitsono Lungalang, M.Sc.

8. Mr Teisovi Gerard Meyase, M.Sc., NET

9. Mr Sedevikho Chase, M.Sc., NET

Associate Prof. & Head

Assistant Professor

Assistant Professor

Assistant Professor

Assistant Professor

Asstt.Prof. (on study leave)

Assistant Professor

Assistant Professor



B Sc Programme in **Physics**

S	emester	Course No	Course Name	Credits
Pass & Honours		PHY 1.1	Mathematical Physics I, Mechanics, Properties of Matter & Relativity	4
1	Honours	PHY 1.2	General Practical I	1
3.5	Ussauss	PHY 1.3	Classical Mechanics	2
	Honours	PHY 1.4	Advanced Practical I	1
-	Pass &	PHY 2.1	Thermal Physics I& Oscillations	4
п	Honours	PHY 2.2	General Practical II	1
	77	PHY 2.3	Mathematical Physics I	2
	Honours	PHY 2.4	Advanced Practical II (Computational Physics)	1
	Pass &	PHY 3.1	Electrodynamics I & Quantum Mechanics I	4
m	Honours	PHY 3.2	General Practical III	1
ш	410.0	PHY 3.3	Thermo Physics II & Statistical Mechanics I	2
	Honours	PHY 3.4	Advanced Practical III	1
	Pass & Honours	PHY 4.1	Electronics I & Optics	4
IV		PHY 4.2	General Practical IV	1
14	Honours	PHY 4.3	Mathematical Physics II & Quantum Mechanics II	2
		PHY 4.4	Advanced Practical IV	1
	Pass &	PHY 5.1	Nuclear Physics I & Solid State Physics I	4
v	Honours	PHY 5.2	General Practical V	1
٧	77	PHY 5.3	Electrodynamics II & Electronics II	2
	Honours	PHY 5.4	Advanced Practical V	1
8771	Pass &	PHY 6.1	Atomic, Molecular, Particle Physics & Cosmic Rays	4
	Honours	PHY 6.2	General Practical VI	1
VI		PHY 6.3 (CBCP)	a) Solid State Physics II b) Astrophysics & Particle Physics II c) Nuclear Physics II	2
	Honours	PHY 6.4 (CBCP)	a) Advanced Practical VI	1
-34		PHY 6.5	PROJECT	2



Career Prospect in Physics

Teaching in General Colleges, National Institutes of Technology. IITs, Engineering Colleges, and Polytechnic Colleges, Radiology, Scientists in Meteorology, ISRO, DRDO, Geophysicists in ONGC, Physicists/ Scientists in Institute of Physics (Bhubaneshwar), Institute of Mathematical Sciences (Chennai), Tata Institute of Fundamental Research (Mumbai), IUCAA (Pune), and Indian Institute of Sciences (Bangalore), Software Writer.

Department of Physics

-		400	1, 2	
1.	Mr P	Purkay	yastha,	M.Sc.

2. Dr Stephen Lotha, M.Sc., Ph.D.

3. Dr M Devrani, M.Sc., Ph.D.

4. Dr J P Sharma, M.Sc., Ph.D.

5. Dr R K Jha, M.Sc., Ph.D.

6. Dr Sanjay Sharma, M.Sc., Ph.D.

7. Mr Talinungsang, M.Sc.

8. Dr Chetan Kachhara, M.Sc., Ph.D.

9. Mrs Meripeni Ezung, M.Sc., M. Phil.

10. Mr Veta Nyienu, M.Sc.

11. Mr Imlisunep, M.Sc.

12. Mr Samuel Ao, M.Sc.

Associate Prof.& Head

Associate Professor Associate Professor

Asstt. Prof. (on lien)

Assistant Professor



B Sc Programme in **Statistics**

Semester		Course No	Course Name	Credits
1	Pass & Honours	STA 1.1	Descriptive Statistics, Probabilityand Finite Difference	4
		STA 1.2	Practical	1
	Honours	STA 1.3	Mathematical Statistics and Computer Programming	2
		STA 1.4	Practical	1
П	Pass &	STA 2.1	Probabilityand Distribution	4
	Honours	STA 2.2	Practical	1
	Honours	STA 2.3	Numerical Analysis, LPP and Distribution	2
		STA 2.4	Practical	1
	Pass &	STA 3.1	Estimationand Testing of Hypotheses	4
ш	Honours	STA 3.2	Practical	1
	Honours	STA 3.3	Statistical Inference	2
		STA 3.4	Practical	1
	Pass & Honours	STA 4.1	Designof Experiments& Sample Survey I	4
IV		STA 4.2	Practical	1
10	Honours	STA 4.3	Computer Programming& Multivariate Analysis	2
		STA 4.4	Practical	1
	Pass & Honours	STA 5.1	Applied Statistics I	4
v		STA 5.2	Practical	1
	Honours	STA 5.3	Sample Surveyand Designof Experiment II	2
		STA 5.4	Practical	1
	Pass &	STA 6.1	Applied Statistics II	4
VI	Honours	STA 6.2	Practical	1
	Honours	STA 6.3 (CBCP)	a) Operations Research b) Demography c) Statistical Quality Management	2
		STA 6.4 (CBCP)	a) Practical b) Practical c) Practical	1
		STA 6.5	PROJECT	2



Career Prospect in Statistics

Statistical Officer, Statistical Inspector/Investigator, Research Investigator, Research Officer, Banking Sector, Management, Computer Administration. Through UPSC or Staff Selection Commission (SSC): Indian Statistical Service, Statistical Inspector/Investigator, Research Investigator, Research Officer, etc. Through NPSC: Statistical Officer, Statistical Inspector/Investigator.

Faculty Profile

1.	Md	Zakir	Ali.	M.Sc.

- 2. ShFarukh Ahmed, M.Sc.
- 3. Dr Prasanta Barman, M.Sc.
- 4. Mr Pallab Changkakati, M.Sc.
- 5. Ms Imlirenla Longchar, M.Sc.
- 6. Mr Mesavoto Nagi, M.Sc.

Assistant Prof. & Head

Assistant Professor

Assistant Professor

Asstt.Prof.(on study leave)

Assistant Professor



B Sc Programme in Zoology

Semester Co		Course No	urse No Course Name	
	Pass & Honours	Z00 1.1	Introduction to Non-Chordates (Theory)	4
1		ZOO 1.2	Introduction to Non-Chordates (Practical)	1
	Honours	Z00 1.3	Biostatistics and Biotechniques (Theory)	2
		ZOO 1.4	Biostatistics and Biotechniques (Practical)	1
п	Pass & Honours	ZOO 2.1	Introduction to Chordates and Toxicology (Theory)	4
		ZOO 2.2	Introduction to Chordates and Toxicology (Practical)	1
	Honours	ZOO 2.3	Immunology and Ethology (Theory)	2
		ZOO 2.4	Immunology and Ethology (Practical)	1
	Pass &	ZOO 3.1	Cell Biology and Evolution (Theory)	4
	Honours	ZOO 3.2	Cell Biology and Evolution (Practical)	1
ш	Honours	ZOO 3.3	Cell and Molecular Biology, and Biotechnology (Theory)	2
		ZOO 3.4	Cell and Molecular Biology, and Biotechnology (Practical)	1
	Pass &	ZOO 4.1	Physiology-I and Developmental Biology (Theory)	4
IV	Honours	ZOO 4.2	Physiology-I and Developmental Biology (Practical)	1
14	Uanaum	ZOO 4.3	Physiology-II and Anatomy of Chordates (Theory)	2
	Honours	Z00 4.4	Physiology-II and Anatomy of Chordates (Practical)	1
	Pass &	ZOO 5.1	Genetics-I and Ecology (Theory)	4
v	Honours	ZOO 5.2	Genetics-I and Ecology (Practical)	1
	Honours	ZOO 5.3	Genetics-II and Environmental Biology (Theory)	2
		Z00 5.4	Genetics-II and Environmental Biology (Practical)	1
	Pass &	Z00 6.1	Biochemistry and Applied Zoology (Theory)	4
	Honours	Z00 6.2	Biochemistry and Applied Zoology (Practical)	1
VI	Honours	ZOO 6.3 (CBCP)	a) Biotechniques (Theory) b) Apiculture (Theory) c) Pisciculture (Theory)	2
		ZOO 6.4 (CBCP)	a) Biotechniques (Practical) b) Apiculture (Practical) c) Pisciculture (Practical)	1
		ZOO 6.5	PROJECT	2



Career Prospect in Zoology

11. Mr Ruokuovikho Tase, M.Sc.

Teaching, Research, IFS, Conservationist, Environmentalist, Biotechnology, Bioinformatics, Environmental Science, ICAR, Zoo/Animal Keeper, Laboratory Assistant, Technician, Hospitals and Clinics, Pharmacy, Ecologist, Entomologist, Nutritionist, Bee Keeping, Sericulture, Fisheries, Pathologist.

Faculty Profile

1.	Mr Yanger Longkumer, M.Sc.	Associate Professor & Vice Principal
2.	Mr V Zao, M.Sc.	Associate Prof. & HOD
3.	Mr Imlaba Longkumer, M.Sc.	Associate Professor
4.	Mrs Anungla Pongen, M.Sc.	Associate professor
5.	Mr Dziesevituo Angami, M.Sc.	Assistant Professor
6.	Dr Limatemjen, M.Sc., Ph.D.	Assistant Professor
7.	Mrs Katasinlieu, M.Sc.	Assistant Professor
8.	Mrs Venolü Kezo, M.Sc.	Assistant Professor
9.	Dr Vethselo Doulo, M.Sc., Ph.D., NET	Assistant Professor
10.	Mr Ruokuosatuo Yhome, M.Sc.	Asstt. Prof. (on deputation)

EDUSAT

The main purpose of the EDUSAT network is to provide interactive satellitebased distance education system; this network provides satellite-based teleeducation facilities to the end users.

- Satellite dedicated for providing education in various fields.
- Distance Education, telemedicine, farmer VRCs, etc.
- Has both Extended C-Band and Ku-band beams covering entire India.

Nagaland EDUSAT network with its HUB (satellite earth station) located at Kohima Science College, Jotsoma, having 50 Satellite Interactive Terminals (SIT) was established with the aim for providing Tele-education in various fields and distance education at different levels, telemedicine application and VRCs across the state. The HUB is a standard two-way broadband satellite communications system for Internet Protocol (IP) over Satellite. It is used for both Transmitting and receiving programs (signal) in the network.

The applications that system supports include:-

- 1) Internet Access and IP-based Services
- 2) Digital Media Streaming
- 3) Video Conferencing
- 4) Corporate Intranet and Extranets
- 5) Distance Education
- 6) Voice Over IP
- 7) Virtual Private Networks
- 8) IP Multicasting and Content Distribution
- 9) Point of Sale
- 10) Maritime and other Mobile Transport

EDUSAT HUB

- 1. Er Ketou Linyü
- 2. Er Neilhite Kapfo
- 3. Mr Kevete Lasuh

- **HUB Engineer**
- Technician
- Technical Assistant



Library

1. Mr Noketo Pusa, M.Lib. &Inf.Sc. Librarian

Ministerial Staff

Mr Ketholetuo Peseyie
 Mrs Toshimenla
 Mr Sankar Dutta
 Mr Lanu Jamir
 Mr Vemutha Chakhesang

H.A.
Accountant
U.D.A.
U.D.A.
U.D.A.

6. Mrs Teisovi-ü Stenographer 7. Mrs Temsulemla U.D.A.

Mrs Neiserienuo Sekhose
 Mrs Sentijungla Imsong
 L.D.A.
 Mrs Imchanaro

Typist

Ms Vikedono Justine Zinyū
 L.D.A. cum Computer Assistant
 Mr Amudo Nenuh
 L.D.A. cum Computer Assistant
 Mr I Imliwapang
 L.D.A. cum Computer Assistant

14. Ms Ruuvonuo Chielie L.D.A. cum Computer Assistant

Laboratory Assistants

Mr Zhasakhoto Peseyie Zoology
 Mrs Vingukhono Nagi Botany
 Mrs Vilhunino Nakhro Anthropology
 Mrs Vidilhuno Peseyie Geology
 Mrs Khrielienino Suokhrie Geology
 Mrs Rokozhano Nisa Geography

7. Mr Vizhato Peseyie Chemistry
8. Mr Avizo Suokhrie Chemistry
9. Mr Kekuosetuo Nakhro Physics

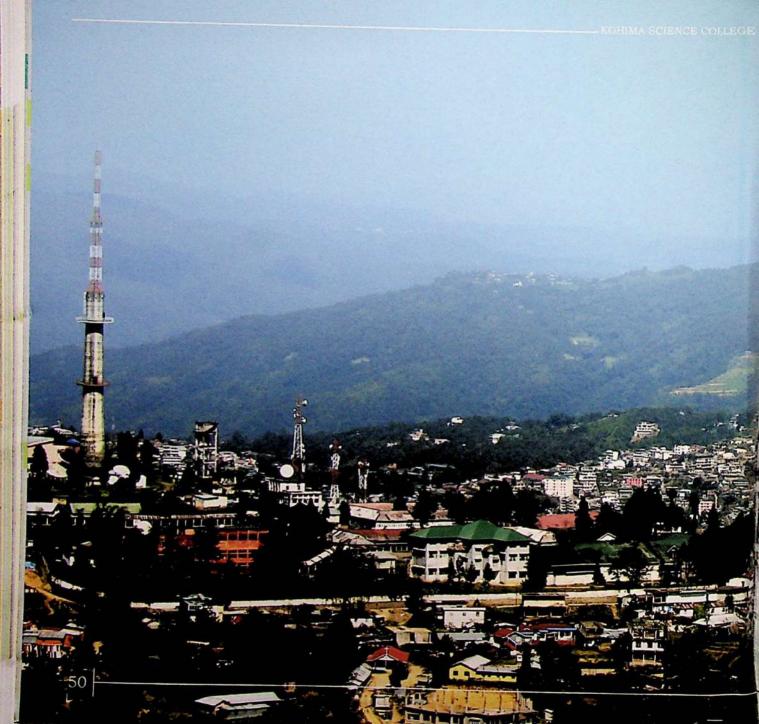
10. Mr Rhinyi Herbarium Assistant

11. Mr Mhasilevi Peseyie Library Assistant



ACADEMIC CALENDAR 2015

Sl.No.	Event	Date	Day
1	Parting Social	5 th March	Thursday
2	Submission of Even Semesters Internal Assessment Marks	2 nd April	Thursday
3	Results for Even Semesters (Qualified list)	15thApril	Wednesday
4	Form filling for Even Semesters	17thand 18thApril	Friday & Saturday
5	Weekly Tests(class 12)	20thApril onwards	Mondays
6	End semester exam (University) for Even Semesters	1st to 30thMay	Friday - Saturday
7	Odd Semesters begin	1stJuly	Wednesday
8	Election	9th to 11th July	Thursday to Saturday
9	Weekly Tests (class 11)	13thJuly onwards	Mondays
10	Freshers' Social	18thJuly	Saturday
11	Submission of Odd Semesters Internal Assessment Marks	17thOctober	Monday
12	Results of Odd Semesters (Qualified List)	24thOctober	Saturday
13	Form filling for Odd Semesters	26th& 27thOctober	Monday & Tuesday
14	Class 11 & 12 Selection test	26thOctober onwards	Monday onwards
15	Conduct of English Listening and speaking Test (Class 12)	October	
16	Selection Result for Classes 11 &12	7 th November	Saturday
17	Form Filling for Class 12	9th& 10thNovember	Monday & Tuesday
18	Win Fest	9th to 13thNovember	Monday - Friday
19	National Education Day	11th November	Wednesday
19	End semester exam (University) for Odd Semesters	20thNov to 5thDec	Friday - Saturday
20	Conduct of English Listening and speaking Test (Class 11)	December	





The College Anthem

Mr Kiremwati Ao Former Principal Kohima Science College

Science College, Kohima
Thy name we adore, we do;
To thee we come, all in unity
Let us find the truth we seek.
To the unknown as we go sailing,
With our God as our Captain,
Omnia Vincit Labor
Let thy motto be our guide.









