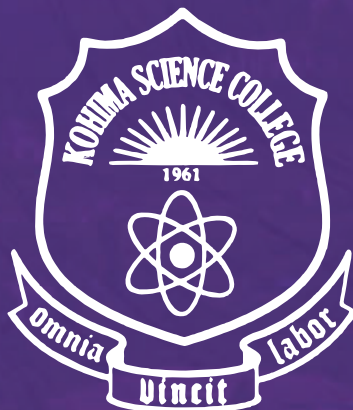


PROSPECTUS 2023

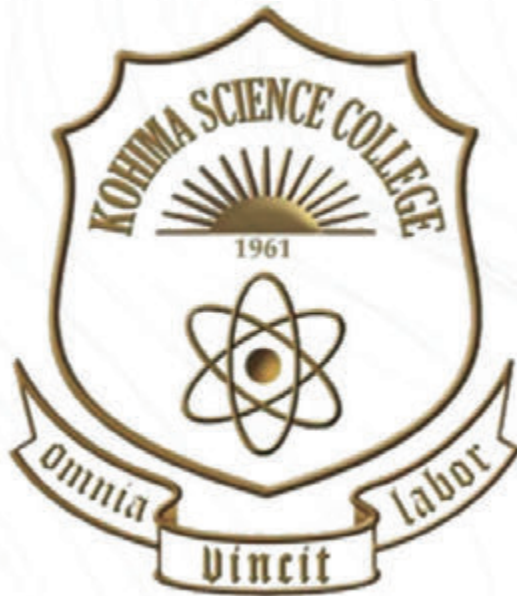


KOHIMA SCIENCE COLLEGE

AN AUTONOMOUS GOVERNMENT P.G. COLLEGE
JOTSOMA, KOHIMA - 797002, NAGALAND

PROSPECTUS 2023





LABOUR OVERCOMES EVERYTHING

THE EMBLEM

designed by

**LT. KEDUONYÜ SEKHOSE | LT. J. B. JASOKIE | LT. AKUM IMLONG
IN 1962**

bears the rising sun over an atomic structure signifying the aspirations, achievement of mankind in the field of Science.



FOUNDING MEMBERS

- DR. NEILHOZHÜ K. ANGAMI
- KEDUONYÜ SEKHOSE
- U. M. DEB
- J. B. JASOKIE
- VIZOL ANGAMI
- AKUM IMLONG
- REV. HAIZOTUO MUNSHI

COLLEGE ADVISORY BOARD

Director, Higher Education

- **Chairman**

Principal, KSCJ

- **Secretary**

Dr. Shürhozelie Liezietsu

- **Member**

Deputy Commissioner, Kohima

- **Member**

Chairman, Kohima Municipal Council

- **Member**

Dr. (Mrs.) Vikoleno Rino,
Nagaland University Representative

- **Member**

Mr. Khrielelie Peseyie
Jotsoma Village Representative

- **Member**

Vice Principal, KSCJ

- **Member**

Dr. (Mrs.) Kelhouletuonuo, Associate Prof. KSCJ

- **Member**



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Principal, KSCJ

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Deptt. of Statistics, Dibrugarh University, Assam

Prof. Santosh Kumar
Deptt. of Geology, Nagaland University

Addl. Director, Higher Education

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Dr. V. Tina Khamo, Senior Pathologist and Head
Health Care and Research Laboratory

Dr. Norbert Naraho, Retired Director, HE
Vice Principal, KSCJ

Dr. Limatemjen, Dean of Sciences

- **Chairperson**

- **Member Secretary**

- **Member** (UGC Nominee)

- **Member** (NU Nominee)

- **Member**

- **Member**

- **Member**

- **Member**

- **Member**

- **Member**



ACADEMIC COUNCIL

Dr. Temjenwabang, Principal

Mrs. R. Moasangla Jamir, Vice Principal

- **Chairman**

- **Member Secretary**

MEMBERS

ALL HODS IN THE COLLEGE	EXTERNAL EXPERT MEMBERS
Ms. Kevilhuninuo Nagi (Anthropology)	Mr. Neichüte Doulo, CEO, Entrepreneur Associates
Mr. Vesa Hiese (Botany)	Mr. Kezhokhoto Savi, Advocate & Faculty, Kohima Law College
Dr. K. K. Tiwari (Chemistry)	
Dr. Prajadhip Sinha (Computer Science)	Dr. Sedengulie Nagi, Senior Specialist, NHAK
Mrs. M. Amenla (English)	
Mrs. Aleno Doulo (Geology)	Dr. Renthungo Jungio, Court Officer, GHC, (Kohima Bench)
Ms. Rongdensüngla Lkr. (Geography)	
Dr. Hemanta Konwar (Mathematics)	UNIVERSITY NOMINEES
Dr Chetan Kachhara (Physics)	Dean, School of Science, NU. Lumani
Mr. Md. Jakir Ali (Statistics)	Dean, School of Humanities and Education, NU, Kohima Campus, Meriema
Ms. Vizomenuo Merlyn Yhome (Tenyidie)	Prof. Rosemary Dzüvichü, Deptt. of English, NU, Kohima Campus, Meriema
Mrs. Anungla Pongener (Zoology)	
Mr Tisovi Gerard Meyase (Controller of Examinations)	

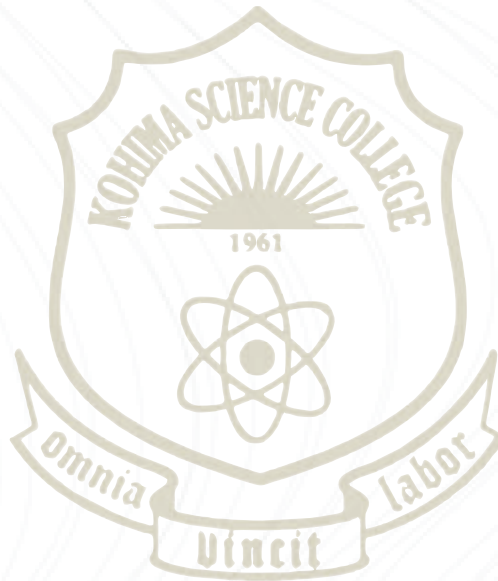
REPRESENTATIVE OF DIFFERENT CATEGORIES OF TEACHING STAFF

Dr. S. N. Pandey, Associate Professor
Dr. Seyiekhrielie Whiso, Associate Professor
Vacant



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Message

FROM THE
**PRINCIPAL'S
DESK**



DR. TEMJENWABANG

Principal
Kohima Science College, Jotsoma

Founded in the year 1961 by few visionary leaders, Kohima Science College Jotsoma (KSCJ) has become an autonomous Government post graduate college. I am proud to put on record that, this college now is a premier educational institution of the state of Nagaland with 12 departments offering graduate courses, 7 departments offering post graduate courses and 5 departments offering P.hD programmes.

Kohima Science College provide good infrastructure with ICT- enabled classrooms, well equipped research laboratories, basic sports facilities for the students and the college is blessed with an active alumni association. The students' culture is as vibrant as its rich history. Be it academics or extra-curricular activities, Kohima Science College has proven itself time and again and emerged as one of the most sought-after higher education institution in the state.

Education is a wholesome and holistic exercise, the introduction of Choice Based Credit System (CBCS) provides opportunities to students to take up courses of their choice, learn at their own pace and adopts interdisciplinary approach to learning for achieving their full potential. The rich and culturally vibrant community of Kohima Science College works to ensure every student get equal access to education and also provide financial aid to students from difficult economic backgrounds ensuring that no student is left behind.

At the moment, the Kohima Science College is working on a war footing for successful implementation of NEP 2020 by introducing more skill enhancement courses, establishing academic collaborations with other institutions. We continuously strive for educational excellence, our teaching-learning process is continuously evolving with the changing of time and aspire to create global leaders.



College

P R O F I L E

BACKGROUND

Kohima Science College, Jotsoma, established in 1961, is recognized under Section 2(f) and 12(B) of the UGC Act, 1956. In 2021 the teaching level of the college was upgraded from Bachelor's to Master's degree in the list of colleges included under section 2(f) & 12(B) of the UGC Act, 1956. The college has Grade A accreditation in its UGC-NAAC assessment in 2011 & 2017 with CGPA of 3.05 and 3.42 respectively. The college was granted Autonomy by UGC in 2014. Consequently, this has enabled the college to introduce the Choice-Based Credit System curriculum in 2016. In 2021 the college was granted autonomy for another 5 years till 2025.

The state of Nagaland has gone through many phases throwing up new challenges. There has been a steady rise towards literacy, increase in science and allied services, a deeper realization of the need for equal opportunity, the importance of cost-cutting to make education more inclusive, top end research, and intellectual property rights. These are expectations and obligations not easy to fulfill, but with continuous support and diligence from all the stakeholders KSCJ will continue to write its story of success.

As one of the State's finest colleges, Kohima Science College has been trying its best in giving inclusive and affordable education to the people. The stake holders are aware that the college has the potential to deliver more and serve the people of the State and the region in a much bigger way. The college continues to work hard towards this goal.



LOCATION

Kohima Science College is located about 8 km west of Kohima, Nagaland's capital, at Jotsoma village (Kohima is 74 km from Dimapur, Nagaland's only railway station and airport). Situated 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 of the Barail range present a lush green tropical ambience on the south-west providing a natural serenity conducive for study.



VISION

- **TO IMPACT THE SOCIETY AS A PREEMINENT INSTITUTION OF TEACHING, LEARNING, RESEARCH, INNOVATION AND LEADERSHIP.**

MISSION STATEMENT

Kohima Science College, Jotsoma was founded in 1964 with a mission to encourage and impart science education, and has since remained a preeminent college in the state of Nagaland and the N.E. India. With the changing times, the college has remodeled its mission to respond to the emerging needs of the contemporary society by expanding its focal area yet retaining its focus on the original mission. Our vision is built on the following pillars of mission-specific actions:

- Develop and maintain high academic standards in terms of curricula content and teachers' academic proficiency in accordance with the changing academic and social benchmarks while being firmly anchored in immutable moral values.
- Adopt student-centric policies to foster academic excellence, innovation and entrepreneurship. Promote student leadership, talents and social engagement with international outlook yet weaned in an environment of respect for regional ethos and cultural identities.
- Carry out creative and socially relevant research among faculty and students to create a database of knowledge for the state and the society at large with focus on efficient technology transfer.
- Institutionalize innovative and best practices in the workplace by creating transparent and decentralized working environment that promotes shared vision and spirit of teamwork amongst the students and the faculty members.



ACADEMICS-I

BACHELOR OF SCIENCE AND BACHELOR OF ARTS

This is a three-years programme spread over six semesters which lead to the degree of Bachelor of Science (B.Sc.) or Bachelor of Arts (B.A.). The college offers Honours in twelve subjects. The degree programme is a good launching pad for such students who wish to take an M.Sc./ M.A and/or Ph.D. degree.

Semester mode of teaching and examination in Indian universities has become a national policy. Consequently, the UGC has made it mandatory for all the institutions of higher learning and affiliated colleges in the country to follow this system. Another major recommendation of the national regulatory authorities has been to introduce Choice Based Credit System (CBCS) in tune with global trends and adoption of a sound grading system that reflects the learner's performance in the best possible way. The UGC has also been vocal on the need to 'pay urgent attention to curricular flexibility and learner's mobility.' Keeping all this in mind Kohima Science College has introduced the CBCS. We believe this will assuage the constraints of pursuing pre-determined combinations of course to a certain level and offer the students opportunities and avenues to not only learn core subjects but also explore additional avenues of learning beyond the core subjects for holistic development of the student.

A minimum of six semesters (three years) and maximum ten semesters (five years) will be required for the successful completion of the course. 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. 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 40% marks in the internal assessments and 40% in the end semester examinations.

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



COURSE DESIGN

ABILITY ENHANCEMENT COMPULSORY COURSE (AECC)

1. English Communication/Tenyidie Communication
2. Environmental Science

HONOURS

Any one of the following subjects may be opted as an honours subject.

- | | |
|-------------------------|------------|
| 1. Anthropology | – 65 seats |
| 2. Botany | – 75 seats |
| 3. Chemistry | – 75 seats |
| 4. (a) Geography B. Sc. | – 35 seats |
| (b) Geography B. A. | – 30 seats |
| 5. Geology | – 65 seats |
| 6. Mathematics | – 75 seats |
| 7. Physics | – 75 seats |
| 8. Statistics | – 65 seats |
| 9. Zoology | – 75 seats |
| 10. English | – 50 seats |
| 11. Computer Science | – 65 seats |
| 12. Tenyidie | – 30 seats |

SCHEME FOR CHOICE BASED CREDIT SYSTEM

Semester	Core Course	Ability Enhancement compulsory Course (AECC)	Skill Enhancement Course (SEC)	Discipline Specific Elective (DSE)	Generic Elective (GE)
I	C1	English/ Tenyidie Communication	---	---	GE-1
	C2		---	---	
II	C3	Environmental Science	---	---	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	---



RESERVATION

1. College Reservation

a. ST : 80%

c. SC, ST, & OBCs (other States): 4%

b. General: 10%

d. Non-local Indigenous inhabitant of Nagaland, domiciled inhabitants of the State, State/Central govt employees, military/paramilitary forces on the basis of merit: 3%

e. PWD (Divyangjan): 3%

2. Special Reservation

a. Alumni Quota : 2 seats

b. Land Owners' Quota : 5 seats

c. Founding Members' Quota : 7 seats

d. Sports Quota : 5 seats

e. Backward Tribes of Nagaland (Inclusive of the 80% reservation for ST of Nagaland) : 2 seats (each department)

ELIGIBILITY

XII passed or equivalent from a recognized Board with a minimum of 45% in aggregate and with the following conditions if an applicant wishes to take up Honours subject:

- 45% in the subject in which one desires to take up Honours.
- 45% in Biology to take up Honours in Botany or Zoology.
- For Honours in Chemistry, Physics and Statistics, one should pass in class XII Mathematics.

ADMISSION PROCEDURE: B.SC. /B.A.

APPLICATION

All information regarding admission to B.Sc./B.A. can be accessed from the website: admission.kscj.ac.in.

The website will share details like Prospectus for 2023, links for filling up application form, taking admission and making payment, etc.

While filling up application form, you might have to upload some of or all the following documents:

- HSLC Examination Admit Card
- HSSLC Examination Mark Sheet
- ST Certificate
- Backward Tribe Certificate
- Colour Photo with white background
- Gap Certificate (for those applying after a gap of one year or more after passing the last qualifying examination)

SELECTION

The selection of students will be made based on the candidate's performance (in person) in the Entrance Test conducted by the college. The decision of the admission committee is final and binding.



ADMISSION

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

- Mark Sheet (to be retained by the college for verification)
- Admit Card
- Pass Certificate
- Migration Certificate (for a candidate from another Board) for registration into Nagaland University.
- SC/ST/OBC/PWD Certificate(s)

N.B. : If a candidate fails to get admitted on the specified dates and time his/her selection is forfeited.

FEE STRUCTURE

FOR B.A./B.SC. STUDENTS

Sl No	Particular	Revenue for	Annual / Semester	Amount
1	Registration Fee	College	One Time	₹ 150.00
2	Library Security Deposit (refundable)	College	One Time	₹ 1,000.00
3	Admission Fee	Government	Semester	₹ 700.00
4	Tuition Fee	Government	Semester	₹ 500.00
5	Library	Government	Semester	₹ 500.00
6	Enrolment Fee	College	Semester	₹ 50.00
7	Library Development	College	Semester	₹ 800.00
8	Development Fee	College	Semester	₹ 1,000.00
9	Internal Examination	College	Semester	₹ 250.00
10	Session fee	College	Semester	₹ 100.00
11	IT	College	Semester	₹ 200.00
12	IQAC	College	Semester	₹ 200.00
13	Laboratory Fee	College	Semester	₹ 1500.00 (for English, Mathematics & Teyidie) ₹ 2000.00 (for other departments)
14	Bus	College	Annual	₹ 500.00
15	Identity Card	College	Annual	₹ 100.00
16	Electricity	College	Annual	₹ 500.00
17	Water	College	Annual	₹ 200.00
18	Monthly Bulletin	College	Annual	₹ 50.00
19	Students' Handbook	College	Annual	₹ 20.00
20	Games and Sports	College	Annual	₹ 150.00
21	Magazine	College	Annual	₹ 150.00
22	Common Room	College	Annual	₹ 50.00
23	Freshers'/Parting Social	College	Annual	₹ 500.00
24	Students' Union	College	Annual	₹ 100.00
25	Different Clubs	College	Annual	₹50 (₹ 10.00 per club)

UNIFORM			
1	College Blazer, Tie & Crest and T Shirt	One Time	₹ 2,500.00

HOSTEL				
1	Admission	Government	Annual	₹100.00
2	Seat Rent	Government	Annual	₹240.00
3	Security Deposit (refundable)	College	One Time	₹2,000.00
4	Hostel Maintenance	College	Annual	₹1,000.00
5	Electricity	College	Annual	₹600.00
6	Water	College	Annual	₹200.00
7	Games & Sports	College	Annual	₹100.00
8	Medical Fee	College	Annual	₹100.00

Note: Fees once deposited are not refundable.



MASTER OF SCIENCE

This is a two-year programme spread over four semesters which leads to the degree of Master of Science (M.Sc.). M.Sc. programme is offered in Anthropology, Botany, Chemistry, Geology, Mathematics, Physics, and Zoology. This innovative project of the college is in respond to an acutely felt need of the society to have a wider avenue for such students who would like to pursue higher studies in science here in Nagaland. This course is tailored along the patterns followed by top universities of the country. This programme will not only expose the students to the latest trends but will also introduce to them the functional areas in their respective discipline with a considered blend of theory and practice. The programme will prepare the students for further research and any other relevant activity in their respective field of study.

SEATS

1. Anthropology	- 18
2. Botany	- 15
3. Chemistry	- 18
4. Geology	- 15
5. Mathematics	- 20
6. Physics	- 15
7. Zoology	- 15

RESERVATION

1. College Reservation
 - a. ST : 80%
 - b. General: 10%
 - c. SC, ST, & OBCs (other States): 4%
 - d. Non-local Indigenous inhabitant of Nagaland, domiciled inhabitants of the State, State/Central govt employees, military/paramilitary forces on the basis of merit: 3%
 - e. PWD (Divyangjan): 3%

ELIGIBILITY

Any student having 45% marks in B.Sc. honours or 60% aggregate in B.Sc. general from a recognized university/institution is eligible to apply for the M.Sc. programme.

ACADEMICS-II



SCHEME FOR CHOICE BASED CREDIT SYSTEM

M.SC. (ALL DEPARTMENT)

SEMESTER	CORE COURSE	CREDITS	DISCIPLINE SPECIFIC ELECTIVE (DSE)	CREDITS
I	Core 1	4 (Theory) + 2 (Practical) OR 5 (Theory) + 1 (Tutorial)	---	---
	Core 2	4 (Theory) + 2 (Practical) OR 5 (Theory) + 1 (Tutorial)	---	---
	Core 3	4 (Theory) + 2 (Practical) OR 5 (Theory) + 1 (Tutorial)	---	---
	Core 4	4 (Theory) + 2 (Practical) OR 5 (Theory) + 1 (Tutorial)	---	---
II	Core 5	4 (Theory) + 2 (Practical) OR 5 (Theory) + 1 (Tutorial)	---	---
	Core 6	4 (Theory) + 2 (Practical) OR 5 (Theory) + 1 (Tutorial)	---	---
	Core 7	4 (Theory) + 2 (Practical) OR 5 (Theory) + 1 (Tutorial)	---	---
	Core 8	4 (Theory) + 2 (Practical) OR 5 (Theory) + 1 (Tutorial)	---	---
III	Core 9	4 (Theory) + 2 (Practical) OR 5 (Theory) + 1 (Tutorial)	DSE 1	4 (Theory) + 2 (Practical) OR 5 (Theory) + 1 (Tutorial)
	Core 10	4 (Theory) + 2 (Practical) OR 5 (Theory) + 1 (Tutorial)	DSE 2 / Field Work	4 (Theory) + 2 (Practical) OR 5 (Theory) + 1 (Tutorial) OR 6 (Field Work)
IV	Core 11	4 (Theory) + 2 (Practical) OR 5 (Theory) + 1 (Tutorial)	DSE 3	4 (Theory) + 2 (Practical) OR 5 (Theory) + 1 (Tutorial)
	Core 12	4 (Theory) + 2 (Practical) OR 5 (Theory) + 1 (Tutorial)	DSE 4 / Dissertation	4 (Theory) + 2 (Practical) OR 5 (Theory) + 1 (Tutorial) OR 6 (Dissertation)



ADMISSION PROCEDURE: M.SC

APPLICATION

All information regarding admission to M.Sc. can be accessed from the website: admission.kscj.ac.in.

The website will share details like Prospectus for 2023, links for filling up application form, taking admission and making payment, etc.

While filling up application form, you might have to upload some of or all the following documents:

- a) HSLC Examination Admit Card
- b) B.Sc. Mark Sheets (All mark sheets including the final transcript)
- c) ST Certificate
- d) Colour Photo with white background
- e) Gap Certificate (for those applying after a gap of one year or more after passing the last qualifying examination)

SELECTION

Admission to the MSc programme shall be made on the basis of the candidate's performance in the entrance test/interview conducted by the concerned department, and his/her marks in the concerned subject at the undergraduate level. The weightage for these two criteria is 50% each.

ADMISSION

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

- a) Mark Sheet (to be retained by the college for verification)
- b) Admit Card
- c) Pass Certificate
- d) Migration Certificate (for a candidate from other Universities)
- e) SC/ST/OBC/PWD Certificate(s)



FEE STRUCTURE

FOR M.SC. STUDENTS

Sl No	Particular	Revenue for	Annual / Semester	Amount
1	Registration Fee	College	One Time	₹ 150.00
2	Library Security Deposit (refundable)	College	One Time	₹ 1,000.00
3	Admission Fee	Government	Semester	₹ 700.00
4	Tuition Fee	Government	Semester	₹ 500.00
5	Library	Government	Semester	₹ 500.00
6	Enrolment Fee	College	Semester	₹ 50.00
7	Library Development	College	Semester	₹ 1,000.00
8	Development Fee	College	Semester	₹ 1,000.00
9	Internal Examination	College	Semester	₹ 250.00
10	Session fee	College	Semester	₹ 100.00
11	IT	College	Semester	₹ 200.00
12	IQAC	College	Semester	₹ 200.00
13	Laboratory Fee	College	Semester	₹ 7500.00 (for Botany, Chemistry, Physics & Zoology ₹ 6000.00 (for Anthropology & Geology) ₹ 5000.00 Mathematics)
14	Bus	College	Annual	₹ 500.00
15	Identity Card	College	Annual	₹ 100.00
16	Electricity	College	Annual	₹ 500.00
17	Water	College	Annual	₹ 200.00
18	Monthly Bulletin	College	Annual	₹ 50.00
19	Students' Handbook	College	Annual	₹ 20.00
20	Games and Sports	College	Annual	₹ 150.00
21	Magazine	College	Annual	₹ 150.00
22	Common Room	College	Annual	₹ 50.00
23	Freshers'/Parting Social	College	Annual	₹ 500.00
24	Students' Union	College	Annual	₹ 100.00
25	Different Clubs	College	Annual	₹50 (₹ 10.00 per club)

UNIFORM				
1	College Blazer, Tie & Crest and T Shirt	One Time		₹ 2,500.00

HOSTEL				
1	Admission	Government	Annual	₹ 100.00
2	Seat Rent	Government	Annual	₹ 240.00
3	Security Deposit (refundable)	College	One Time	₹ 2,000.00
4	Hostel Maintenance	College	Annual	₹ 1,000.00
5	Electricity	College	Annual	₹ 600.00
6	Water	College	Annual	₹ 200.00
7	Games & Sports	College	Annual	₹ 100.00
8	Medical Fee	College	Annual	₹ 100.00

Note: Fees once deposited are not refundable.



ELIGIBILITY

Any student having 55% marks in M.Sc. for general candidates or 50% for SC/ST/PWD candidates from a recognized university/institution is eligible to apply for the Ph.D. programme.

ADMISSION PROCEDURE: PH.D

APPLICATION

Prescribed application form along with the Prospectus can be obtained from the college. The duly filled application must contain the following:

a) One attested photocopy of Admit Card, Pass Certificate and Mark Sheet of M.Sc. or equivalent examination.

SELECTION

Admission to the Ph.D. programme shall be made on the basis of the candidate's performance in the entrance test/interview conducted by the concerned department, and his/her marks in the concerned subject at the postgraduate level. The weightage for these two criteria is 50% each.

ADMISSION

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

- a) Mark Sheet
- b) Admit Card
- c) Pass Certificate
- d) Migration Certificate (for a candidate from other Universities)
- e) SC/ST/OBC/PWD Certificate(s)

N.B.: If a candidate fails to get admitted on the specified dates and time his/her selection is forfeited.

Ph.D. programme is offered by the departments of Botany, Chemistry, Mathematics, Physics and Zoology. A candidate requires a minimum of 3 years, including the Course Work, along with the other required norms as prescribed by the UGC for the successful completion of the said programme.

ACADEMICS-III



FEE STRUCTURE

FOR PH.D STUDENTS

Sl No	Particular	Revenue for	Annual / Semester	Amount
1	Registration Fee	College	One Time	₹ 150.00
2	Library Security Deposit (refundable)	College	One Time	₹ 1,000.00
3	Course Work Fee	College	One Time	₹ 5,000.00
4	Admission Fee	Government	Semester	₹ 700.00
5	Tuition Fee	Government	Semester	₹ 500.00
6	Library	Government	Semester	₹ 500.00
7	Enrolment Fee	College	Semester	₹ 50.00
8	Library Development	College	Semester	₹ 1,000.00
9	Development Fee	College	Semester	₹ 1,000.00
10	Session fee	College	Semester	₹ 100.00
11	IT	College	Semester	₹ 200.00
12	IQAC	College	Semester	₹ 200.00
13	Laboratory Fee	College	Semester	₹ 5,000.00
14	Bus	College	Annual	₹ 500.00
15	Identity Card	College	Annual	₹ 100.00
16	Electricity	College	Annual	₹ 500.00
17	Water	College	Annual	₹ 200.00
18	Monthly Bulletin	College	Annual	₹ 50.00
19	Games and Sports	College	Annual	₹ 150.00
20	Magazine	College	Annual	₹ 150.00
21	Common Room	College	Annual	₹ 50.00
TOTAL				₹ 17,100.00

HOSTEL

Sl. No	Particular	Revenue for	1st Semester	Subsequent Even Semesters	Subsequent Odd Semesters
1	Admission	Government	₹100.00	---	₹100.00
2	Seat Rent		₹240.00	---	₹240.00
3	Security Deposit (Refundable)	College	₹2000.00	---	---
4	Hostel Maintenance	College	₹1000.00	---	₹1000.00
5	Electricity		₹600.00	---	₹600.00
6	Water		₹200.00	---	₹200.00
7	Games & Sports		₹100.00	---	₹100.00
8	Medical Fee		₹100.00	---	₹100.00
Total			₹4340.00	---	₹2340.00

Please Note:

- i. Fees – for any programme – once deposited are not refundable.
- ii. Fees are subject to change without prior notice
- iii. Thesis evaluation fee (PhD program) shall be collected at a later date.



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:

a) INTERNAL ASSESSMENT

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 during a semester. Failure to pass in at least two of these will debar a student from taking the selection/end semester examination.

b) MENTORING CELLS

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.

c) ATTENDANCE

A student is required to have at least 80% attendance to be able to take the end semester examinations. Attendance is strictly monitored by the college administration and a student is debarred from 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 Fridays and on any important occasion of the college. The T-shirt is worn on Tuesdays. 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 is issued college Identity Card which also doubles as Library Card.
- 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) 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

LIBRARIES

The college is endowed with a number of libraries to meet the informative needs of the students and faculty. The Central Library both an intellectual and physical focal point for the campus. It has a large repository of books, journals, national and international magazines, newspapers, past exam question papers and project reports. The library has computers connected with dedicated broadband. Besides this, there are other libraries located in departmental buildings.

The facilities in the library like LAN, Broadband, PCs, etc. have been sponsored by the children of one of the founding fathers, Dr. Neilhouzhü Kire.

The institution also has the facility to fully access the plagiarism software "Turnitin Similarity" to maintain research quality output.

BOOK BANK

The Book Bank has 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.

IT INFRASTRUCTURE

All academic departments, library and college office are networked by Local Area Network. The entire academic campus is WiFi enabled through access points. Students can surf the internet through 10 PCs in Library and 30 PCs from the computer laboratory. The college presently has a 40 mbps internet leased line (ILL) and is in a process of upgrading its IT infrastructure including ILL. This will promote online learning, sharing resources online and migration of database to cloud platform.

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

FSOC

The college access internet from 4 Gbps Free Space Optics Link created over a radial distance of around 5.7 km. The backhaul internet connectivity is provided from SWAN network which is connected to National Knowledge Network (NKN) from Kohima Secretariat. The FSOC connectivity to the college from Kohima Secretariat is funded by MeitY R&D pilot project with



the aim to perform rich R&D on Free Space Optics Technology across two sites where the connectivity has not been implemented or unsuccessful due to various terrain/location challenges.

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

The honours classrooms are fitted with 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, Floriculture, Vermiculture and Production of Hand Sanitiser 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.

AMENITIES

amenities

ACCOMMODATION

Kohima Science College has three hostels for boys (200 seats) and two for girls (140 seats). 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 the academics, 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 |
| 2. Lake View Hostel (Boys) | - Mr. Kekhriele Nakhro |
| 3. New Boys' Hostel (Boys) | - Mr. Veta Nyienu |
| 4. Peak Hostel (Boys) | - Mr. Rokovikho Hesieli |
| 5. Alumni P.G. Women Hostel | - Ms. Kevilhunino Nagi |

TRANSPORTATION

The college has 5 buses pressed into vehicular service to commute students and staff to and from town. A nominal fee is charged for this service.

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

HEALTH CENTRE, BANK, POST OFFICE

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.

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 basketball court, and an auditorium which also doubles as the indoor stadium.

VALUE ADDITION

- FREE TUTORIAL
- FOUNDING FATHERS MERITORIOUS AWARD
- DR. S.K. DEY LITERARY AWARD
- ROCK STAR AWARD
- STELLAR AWARD
- WORKSHOPS/SEMINARS
- FIELD TRIPS



EXTRA-CURRICULAR *and* 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 "Unity and Discipline", is a fair-tier administration and is world's largest Uniformed Youth Organization and most disciplined youth organization in the country. It is important wing of the Department of Youth Resources and Sports. The college has a very strong NCC unit and it has been regularly winning awards and recognition at the state, regional and national level.

This is a good preparation for those who love to empower oneself in discipline, leadership skills, overall personality development, good communication skills, social service, disaster management, health and hygiene, life skills, adventure trainings, environmental awareness, human right education and are also military inclined. Enrolled cadets get access to various facilities in NCC such as Cadets Welfare Society(CWS) Scholarship, Best Cadet Awards, National Camps and get privilege of Exposure Tour to vibrant Y EP countries viz. Bhutan, Maldives, Nepal, Russia, Singapore, Vietnam, Kazakhstan, Kyrgyzstan, Sri Lanka, Bangladesh and Turkmenistan. They can acquire NCC 'B' and 'C' Certificate which helps one in getting certain percentage of reservation in entry to higher studies and job placement both in Government and private firms.

The NCC in the college functions under NCC Group Head Quarter, Kohima. The Army Wing of the college falls under the jurisdiction of 1 Nagaland Girls Battalion NCC, Kohima (Senior Wing) for girls; 24th Nagaland (I) Company NCC, Kohima (Senior Division) for boys and Air Wing under 1st Nagaland Air Squadron (Flying) NCC, Dimapur look after by Lieut. T K Medoweu Associate NCC Officers & Assistant Prof. Dept. of Geography, Lieut. Savilie Yhor ANO & Assistant Prof. Dept of Chemistry and Care Taker Officer Dr. Visuzoto Valeo Assistant Prof. Dept of Physics respectively.

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 Thekrünoma Khel, Jotsoma. The Advisor is Kenneth Punyü and the Programme Officers (POs) are Ms. Moarenla Longkumer, Mr. Keneizoulhou Kesiezie and Mr. Subenthung Tsopee.



SCIENCE CLUB, PHOTOGRAPHY CLUB, NATURE CLUB, RED RIBBON CLUB, YOUTH RED CROSS/CRESCENT, LITERARY CLUB, CULTURAL CLUB

Students are encouraged to join any of these clubs and shoulder leadership responsibilities. These bodies including KSCSU, NCC, NSS, EU form the breadth of student organizations and they represent the full diversity of student needs and interests. However, the college does not recognize tribal and other such bodies.

WINFEST

WinFest is 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.

EVANGELICAL UNION (EU)

The EU, Kohima Science College, 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 NON-TEACHING STAFF ASSOCIATION

The association looks after the welfare of the non-teaching staffs of the college. College authority has instituted a Welfare Fund for the association.

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.

- | | |
|---|------------|
| 1. Mrs. M. Amenla, Assoc. Prof. & HOD, English | - Convenor |
| 2. Ms. Rongdensenla Longkumer, Asstt. Prof. & HOD, Geography | - Member |
| 3. Mr. Rokovikho Hesielie, Asstt. Prof., Deptt. of Chemistry | - Member |
| 4. Mr. Kekhriela Nakhro, Asstt. Prof., Deptt. of Geography | - Member |
| 5. Dr. Neivotsonuo B. Kuotsu, Asstt. Prof., Deptt. of Chemistry | - Member |
| 6. Ms. Vizomenuo Merlyn Yhome, Asstt. Prof., Deptt. of Tenyidie | - Member |
| 7. Ms. Moarenla Longkumer, Asst. Prof., Deptt. of Anthropology | - Member |
| 8. Mr. Nouno Terüno, Asstt. Prof., Deptt. of Anthropology | - Member |

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.



- | | |
|---|----------------|
| 1. Principal | - Convenor |
| 2. Vice Principal | - Member Secy. |
| 3. All Hostel Superintendents | - Members |
| 4. Mrs. Katsinliu Remmei, Assoc. Prof., Deptt. of Zoology | - Member |
| 5. General Secretary, KSCSU | - Member |

ANTI-SEXUAL HARASSMENT CELL

This cell headed by Mrs. Katsinliu Remmei looks into complaints relating to sexual harassment in the campus. Complaints may include, but not limited to sexual molestation, eve teasing, unwelcome touching, using sexual language etc.

RESEARCH AND DEVELOPMENT COMMITTEE

Headed by Dr. Mhathung Yanthan as the convenor, the committee endeavours to encourage research activities among the teaching faculty of the college. It compiles the works done by teachers and looks into the research policies to maintain research ethics and quality.

ALUMNI ASSOCIATION

The Alumni Association works in close association with college fraternity to uplift the College. The latest contribution has been building of a 50-bedded PG Women Hostel.

- | | |
|--------------------------------------|--------------------------|
| 1. President | - Mr. Nokchasashi |
| 2. Vice President | - Mr. Rhosietho Ngouri |
| 3. General Secretary | - Dr. Hinotoli Sema |
| 4. Joint Secretary | - Er. Nirie Nisa |
| 5. Finance Secretary | - Mr. Nchumbemo Humtsoe |
| 6. Treasurer | - Mrs. Khriekemhieü Mary |
| 7. Publicity & Information Secretary | - Mr. K. Puthenhenmei |

- EXECUTIVE MEMBERS:**
- | | | |
|------------------|-----------------------|-------------------------|
| 1. Dr. Lily Sema | 5. Dr. Wenyitso Kapfo | 9. Dr. Renthungo Jungio |
| 2. Sungtinaro | 6. Kevi Nagi | 10. Nitho Kuotsu |
| 3. Thungbeni | 7. Avelu Ruho | |
| 4. Akunu Meyase | 8. S.Y. Sanglee Chang | |

PARENTS TEACHERS ASSOCIATION (PTA)

PTA is formed to facilitate and encourage parental participation in the college.

- | | |
|-------------------|----------------------------|
| President | : Mr. Kegwalo Thyug |
| Vice President | : Mr. Vekhozo Ringa |
| General Secretary | : Mr. L. Kenneth Punyü |
| Joint Secretary | : Mr. Lhousarovi Paul Rino |
| Treasurer | : Md. Jakir Ali |

CAREER GUIDANCE AND PLACEMENT CELL

This cell advises and gives access to career resources to the 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 six-member cell is headed by Dr. Seyiekhrielie Whiso, Assoc. Prof., Dept. of English.

FACULTY AND ADMINISTRATIVE STAFF GRIEVANCE CELL

The cell has been set up to facilitate redressal of grievances of the staff of the college and is headed by Dr. Mrs. Kelhouletuonuo Pienyü, Assoc. Prof., Deptt. of English as the convenor.



SCHOLARSHIP & 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 final examinations.

They are:

AWARD	SUBJECT
Dr. Neilhouzhü K. Angami Meritorious Award	Life Sciences
Mr. Keduonyü Sekhose Meritorious Award	Humanities
Rev. Haizotuo Munshi Meritorious Award	Mathematics
Mr. Akum Imlong Meritorious Award	Chemistry
Mr. J. B. Jasokie Meritorious Award	Earth Science
Mr. U. M. Deb Meritorious Award	Statistics
Mr. Vizol Angami Meritorious Award	Physics

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.

ROCK STAR AWARD

Rock Star Award is a coveted award among the students of Geology. It is presented annually and is sponsored by the alumni of Geology Department. This award is awarded to a student securing the highest mark in B.Sc. 2nd year (i.e. B.Sc. 3rd & 4th semesters). This award was constituted in 2011 by the alumni to encourage the students to develop interest in the subject and to bring out the best in them through positive competitive spirit. This award carries a citation along with a cash prize.

STELLAR STUDENT AWARD

The Department of Anthropology has instituted an annual award known as the Stellar Student Award since 2022. The award is given to the best student of the Department of Anthropology basing on their academic performance from BSc 1st Semester to BSc 4th semester. The idea of this award is to foster the spirit of learning; to encourage sincerity and hard work among the students. The award includes a citation and cash prize which is sponsored by the Alumni of the Department of Anthropology.



NCC SCHOLARSHIPS

1. Cadets Welfare Society Scholarship
2. Sahara NCC Scholarship
3. NCC Directorate Delhi Scholarship

LATE CAPTAIN NEIKEZHAKUO KENGURUSE AWARD

This award, instituted and sponsored by the former Governor of Nagaland, Shri P.B. Acharya in honour of Late Captain Neikezhakuo Kenguruse, Mahavir Chakra, is given to the best boy and girl undergraduate student.

GOOD SAMARITAN FUND

This fund, generated from the yearly contribution of all the faculty members, is utilized as a kind of stipend to look after the welfare of the economically challenged but meritorious students of the college.

JUBILEE TRUST FUND

This Fund is an initiative of the Kohima Science College Students' Union in commemoration of its 50th Anniversary. The fund is utilised to encourage meritorious students in various activities.

GRADUATE AND POST GRADUATE SYLLABI OUTLINES, 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 Nagaland University. The college offers graduate degree course, the duration of which is six semesters (three years) and post graduate degree course, the duration of which is four semesters (two years).

A general guideline regarding the graduate and post graduate syllabi and career prospects is laid out in the following tables.



ANTHROPOLOGY

B.SC. PROGRAMME IN ANTHROPOLOGY

Semester	Course	Course Name	Course Code	Credit
I	Core 1	Introduction to Biological Anthropology (Theory)	ANC 1.11	4
		Introduction to Biological Anthropology (Practical)	ANC 1.12	2
	Core 2	Introduction to Social Anthropology (Theory)	ANC 1.21	4
		Introduction to Social Anthropology (Practical)	ANC 1.22	2
	GE 1	Foundation of Anthropology	ANG 1.11	4
		Foundation of Anthropology	ANG 1.12	2
AECC 1	English Communication	AEC-CE -1	4	
II	Core 3	Archaeological Anthropology (Theory)	ANC 2.11	4
		Archaeological Anthropology (Practical)	ANC 2.12	2
	Core 4	Fundamentals of Human Origin & Evolution (Theory)	ANC 2.21	4
		Fundamentals of Human Origin & Evolution (Practical)	ANC 2.22	2
	GE 2	Foundation of Social & cultural Anthropology	ANG 2.21	6
	AECC 2	Environmental Studies	AEC-ES-1	4
III	Core 5	Tribes and Peasants in India (Theory)	ANC 3.11	4
		Tribes and Peasants in India (Practical)	ANC 3.12	2
	Core 6	Research methods (Theory)	ANC 3.21	4
		Research methods (Practical)	ANC 3.22	2
	Core 7	Human genetics (Theory)	ANC 3.31	4
		Human genetics (Practical)	ANC 3.32	2
	SEC 1	Field work	ANS 3.11	2
	GE 3	Foundation of Biological Anthropology (Theory)	ANG 3.11	4
Foundation of Biological Anthropology (Practical)		ANG 3.12	2	
IV	Core 8	Theories of Culture and Society (Theory)	ANC 4.11	4
		Theories of Culture and Society (Practical)	ANC 4.12	2
	Core 9	Human Growth and Development (Theory)	ANC 4.21	4
		Human Growth and Development (Practical)	ANC 4.22	2
	Core 10	Human Ecology: Biological & Cultural dimensions	ANC 4.31	6
	SEC 2	Anthropology of Disaster	ANS 4.11	2
Foundation of Archaeological Anthropology (Theory)		ANG 4.11	4	
GE 4	Foundation of Archaeological Anthropology (Practical)	ANG 4.12	2	
V	Core 11	South Asian Archaeology (Theory)	ANC 5.11	4
		South Asian Archaeology (Practical)	ANC 5.12	2
	Core 12	Anthropology in Practice (Theory)	ANC 5.21	4
		Anthropology in Practice (Practical)	ANC 5.22	2
	DSE 1	a)Sports and Nutritional Anthropology (Theory) or b) Biological diversity in human population (Theory)	AND 5.11	4
		a)Sports and Nutritional Anthropology (Practical) or b) Biological diversity in human population (Practical)	AND 5.12	2



	DSE 2	a) Anthropology of Health (Theory) or b) Tribal cultures of India (Theory)	AND 5.21	4
		a) Anthropology of Health (Practical) or b) Tribal cultures of India Practical	AND 5.22	2
VI	Core 13	Forensic Anthropology (Theory)	ANC 6.11	4
		Forensic Anthropology (Practical)	ANC 6.12	2
	Core 14	Anthropology of India (Theory)	ANC 6.21	4
		Anthropology of India (Practical)	ANC 6.22	2
	DSE 3	a) Ethno-Archaeology (Theory) or b) Paleo-anthropology (Theory)	AND 6.11	4
		a) Ethno-Archaeology (Practical) or b) Paleo-anthropology (Practical)	AND 6.12	2
		DSE 4	Dissertation/ Project work	AND 6.21

M.SC. PROGRAMME IN ANTHROPOLOGY

M.Sc SYLLABUS FOR ANTHROPOLOGY 2023
KOHIMA SCIENCE COLLEGE, JOTSOMA (AUTONOMOUS)

Semester	Course No	Course Title	Credits	
I	MANC 1.11	Fundamentals of Physical Anthropology	4	
	MANC 1.21	Fundamentals of Social and cultural Anthropology	6	
	MANC 1.31	Fundamentals of Archaeology	4	
	MANC 1.41	Museology and Cultural Resource Management	4	
	Practical			
	MANC 1.12	Physical Anthropology I	2	
	MANC 1.32	Fundamentals of Archaeology Practical	2	
	MANC 1.42	Ethnographic museum Fieldwork	2	
II	MANC 2.11	Human genetics and variation	4	
	MANC 2.21	Anthropological Theories	4	
	MANC 2.31	Prehistory and Early human Cultures	6	
	MANC 2.41	Research and Ethnographic Methods	4	
	Practical			
	MANC 2.12	Physical Anthropology II	2	
	MANC 2.22	Methodology and Analysis Practical	2	
	MANC 2.42	Bio-Statistical Practical	2	



SPECIALIZATION			
III	PHYSICAL/BIOLOGICAL		
	MANC 3.11	Anthropology of North-East India	6
	MANC 3.21	Anthropological Demography	6
	MAND 3.11(A)	a)Human growth and Development	4
	MAND 3.11(B)	b)Kinantropometry & Ergonomics.	6
	MAND 3.11(C)	c)Physiological Anthropology	6
	MAND 3.21(A)	a)Nutritional Anthropology	6
	MAND 3.21(B)	b)Epidemiology and Public Health	6
	MAND 3.21(C)	c)Forensic Anthropology	6
	Practical		
	MAND 3.12(A)	Physical Anthropology III Practical	2
	SOCIAL/CULTURAL		
	MANC 3.11	Anthropology of North-East India	6
	MANC 3.21	Anthropological Demography	6
	MAND 3.11(A)	a)Developmental Anthropology	6
	MAND 3.11(B)	b)Study of Monograph	6
	MAND 3.11(C)	c)Tribal Studies	6
	MAND 3.21(A)	a)Visual Anthropology	4
	MAND 3.21(B)	b)Applied Social- Cultural Anthropology	6
	MAND 3.21(C)	c)Medical Anthropology	6
Practical			
MAND 3.22(A)	Visual Anthropology Fieldwork	2	
IV	PHYSICAL/BIOLOGICAL		
	MANC 4.11	Human Population Genetics	6
	MANC 4.21	Medical Genetics	6
	MAND 4.11(A)	a)Palaeo-anthropology	6
	MAND 4.11(B)	b)Formal Genetics	6
	MAND 4.11(C)	c)Primate biology and behavior	6
	MAND 4.21	Dissertation	6
	SOCIAL/CULTURAL		
	MANC 4.11	Anthropology of gender	6
	MANC 4.21	Indian Anthropology	6
	MAND 4.11(A)	a)Urban Anthropology	6
	MAND 4.11(B)	b)Ecological Anthropology	6
	MAND 4.11(C)	c)Psychological Anthropology	6
MAND 4.21	Dissertation	6	
TOTAL	Physical/Biological		96
	Social/Cultural		96

**Theoretical & methodological preparation for this paper begins in the 3rd semester. Supervisors for this paper are allotted in the beginning of the 3rd semester, & the students leave for fieldwork training soon after the 3rd semester examination.*



CAREER PROSPECTS IN ANTHROPOLOGY

CAREER PROSPECTS IN ANTHROPOLOGY

Students of Anthropology would be equipped for Competitive exams at the international, national 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. They can further go on as consultants, policy makers, and analyst to reputed firms and organizations such as NSACS, NACO, UNESCO, UNICEF, etc.

FACULTY PROFILE

1. Ms. Kevilhunino Nagi, M.Sc.
2. Ms. Moarenla Longkumer, M.A., NET
3. Mrs. Khriekemieü K. Mary, M.Sc., NET
4. Mrs. J. Sharon, M.Sc., NET (on study leave)
5. Dr. David Tetso, Ph.D.
6. Mrs. Shetsotalü Nakro, M.Sc., NET
7. Mr. Imkumlong, M.Sc., NET
8. Mr. Nouné Terüno, M.Sc., NET

Associate Prof. & Head
Assistant Professor
Assistant Professor
Assistant Professor
Assistant Professor
Assistant Professor
Assistant Professor



BOTANY

B.S.C. PROGRAMME IN BOTANY

Semester	Course	Course Name	Course Code	Credit
I	Core 1	Phycology and Microbiology (Theory)	BOC 1.11	4
		Phycology and Microbiology (Practical)	BOC 1.12	2
	Core 2	Biomolecules and Cell Biology (Theory)	BOC 1.21	4
		Biomolecules and Cell Biology (Practical)	BOC 1.22	2
	GE 1	Biodiversity (Microbes, Algae, Fungi and Archegoniate) (Theory)	BOG 1.11	4
		Biodiversity (Microbes, Algae, Fungi and Archegoniate) (Practical)	BOG 1.12	2
AECC 1	English Communication	AEC-CE -1	4	
II	Core 3	Mycology and Phytopathology (Theory)	BOC 2.11	4
		Mycology and Phytopathology (Practical)	BOC 2.12	2
	Core 4	Archegoniate (Theory)	BOC 2.21	4
		Archegoniate (Practical)	BOC 2.22	2
	GE 2	Plant Ecology and Taxonomy (Theory)	BOG 2.11	4
		Plant Ecology and Taxonomy (Practical)	BOG 2.12	2
AECC 2	Environmental Studies	AEC-ES-1	4	
III	Core 5	Morphology and Anatomy (Theory)	BOC 3.11	4
		Morphology and Anatomy (Practical)	BOC 3.12	2
	Core 6	Economic Botany (Theory)	BOC 3.21	4
		Economic Botany (Practical)	BOC 3.22	2
	Core 7	Genetics (Theory)	BOC 3.31	4
		Genetics (Practical)	BOC 3.32	2
SEC 1	Floriculture	BOS 3.11	2	
GE 3	Plant Anatomy and Embryology (Theory)	BOG 3.11	4	
	Plant Anatomy and Embryology (Practical)	BOG 3.12	2	
IV	Core 8	Molecular Biology (Theory)	BOC 4.11	4
		Molecular Biology (Practical)	BOC 4.12	2
	Core 9	Plant Ecology and Phytogeography (Theory)	BOC 4.21	4
		Plant Ecology and Phytogeography (Practical)	BOC 4.22	2
	Core 10	Plant Systematics (Theory)	BOC 4.31	4
		Plant Systematics (Practical)	BOC 4.32	2
SEC 2	Mushroom Culture Technology	BOS 4.11	2	
GE 4	Economic Botany and Plant Biotechnology (Theory)	BOG 4.11	4	
	Economic Botany and Plant Biotechnology (Practical)	BOG 4.12	2	
V	Core 11	Reproductive Biology of Angiosperms (Theory)	BOC 5.11	4
		Reproductive Biology of Angiosperms (Practical)	BOC 5.12	2
	Core 12	Plant Physiology (Theory)	BOC 5.21	4
		Plant Physiology (Practical)	BOC 5.22	2
	DSE 1	Plant Breeding (Theory)	BOD 5.11	4
		Plant Breeding (Practical)	BOD 5.12	2
DSE 2	Natural Resource Management (Theory)	BOD 5.21	4	
	Natural Resource Management (Practical)	BOD 5.22	2	



VI	Core 13	Plant Metabolism (Theory)	BOC 6.11	4
		Plant Metabolism (Practical)	BOC 6.12	2
	Core 14	Plant Biotechnology (Theory)	BOC 6.21	4
		Plant Biotechnology (Practical)	BOC 6.22	2
	DSE 3	Research Methodology (Theory)	BOD 6.11	4
		Research Methodology (Practical)	BOD 6.12	2
DSE 4	Biostatistics (Theory)	BOD 6.21	4	
	Biostatistics (Practical)	BOD 6.22	2	

M.SC. PROGRAMME IN BOTANY

SEMESTER	COURSE CODE	COURSE TITLE	CREDITS
I	MBOC 1.11	Microbiology & Algae	4
	MBOC 1.21	Bryophytes & Pteridophytes	4
	MBOC 1.31	Gymnosperms & Paleobotany	4
	MBOC 1.41	Plant Morphology & Anatomy	4
	MBOC 1.12	Microbiology & Algae (Practical)	2
	MBOC 1.22	Bryophytes & Pteridophytes (Practical)	2
	MBOC 1.32	Gymnosperms & Paleobotany (Practical)	2
	MBOC 1.42	Plant Morphology & Anatomy (Practical)	2
II	MBOC 2.11	Angiosperm Taxonomy	4
	MBOC 2.21	Mycology & Plant Pathology	4
	MBOC 2.31	Biochemistry & Biotechnology	4
	MBOC 2.41	Cell & Molecular Biology	4
	MBOC 2.12	Angiosperm Taxonomy (Practical)	2
	MBOC 2.22	Mycology & Plant Pathology (Practical)	2
	MBOC 2.32	Biochemistry & Biotechnology (Practical)	2
	MBOC 2.42	Cell & Molecular Biology (Practical)	2
III	MBOC 3.11	Genetics, Cytogenetics & Plant Breeding	4
	MBOC 3.21	Plant Physiology	4
	MBOC 3.12	Genetics, Cytogenetics & Plant Breeding (Practical)	2
	MBOC 3.22	Plant Physiology (Practical)	2
	MBOD 3.11(a)	Plant Systematics	4
	MBOD 3.11(b)	Medicinal Plants	4
	MBOD 3.11(c)	Biodiversity and Conservation	4
	MBOD 3.12(a)	Plant Systematics (Practical)	2
	MBOD 3.12(b)	Medicinal Plants (Practical)	2
	MBOD 3.12(c)	Biodiversity and Conservation (Practical)	2
	MBOD 3.21(a)	Research Methodology & Biostatistics	4
	MBOD 3.21(b)	Methods in Plant Sciences	4
	MBOD 3.21(c)	Agroecosystems – Principles and Applications	4
	MBOD 3.22(a)	Research Methodology & Biostatistics (Practical)	2
	MBOD 3.22(b)	Methods in Plant Sciences (Practical)	2
	MBOD 3.22(c)	Agroecosystems – Principles and Applications (Practical)	2
IV	MBOC 4.11	Plant Development & Reproductive Biology	4
	MBOC 4.21	Ecology and Ecosystem Analysis	4
	MBOC 4.12	Plant Development & Reproductive Biology (Practical)	2
	MBOC 4.22	Ecology and Ecosystem Analysis (Practical)	2
	MBOD 4.11(a)	Plant Resource Utilization	4
	MBOD 4.11(b)	Phytogeography and Evolution	4
	MBOD 4.11(c)	Biofertilizers and Biopesticides	4
	MBOD 4.12(a)	Plant Resource Utilization (Practical)	2
	MBOD 4.12(b)	Phytogeography and Evolution (Practical)	2
	MBOD 4.12(c)	Biofertilizers and Biopesticides (Practical)	2
MBOD 4.21	Dissertation Work	6	



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. Vesa Hiese, M.Sc.
2. Dr. Wenyitso Kapfo, M.Sc., Ph.D., NET
3. Mr. Wekhrolo Therie, M.Sc., NET
4. Dr. Mhathung Yanthan, M.Sc., Ph.D., NET
5. Mr. Tosovil Neikha, M.Sc.
6. Dr. Samadangla Ao M.Sc., Ph.D., NET
7. Mr. Keneizoulhou Kesiezie, M.Sc., B.Ed., NET
8. Dr. Moaakum, M.Sc., Ph.D.
9. Dr. Khrienuo Angami, M.Sc., M.Phil., Ph.D.

Associate Prof. & Head
Assistant Professor
Assistant Professor
Assistant Professor
Assistant Professor
Assistant Professor
Assistant professor
Assistant professor



CHEMISTRY

B.SC. PROGRAMME IN CHEMISTRY

Semester	Course	Course Name	Course Code	Credit	
I	Core 1	Inorganic Chemistry I (Theory)	CHC 1.11	4	
		Inorganic Chemistry I (Practical)	CHC 1.12	2	
	Core 2	Physical Chemistry I (Theory)	CHC 1.21	4	
		Physical Chemistry I (Practical)	CHC 1.22	2	
	GE 1	Conceptual Organic Chemistry (Theory)	CHG 1.11	4	
		Chemistry Generic Practical I (Practical)	CHG 1.12	2	
	AECC 1	English Communication	AEC-CE -1	4	
II	Core 3	Organic Chemistry I (Theory)	CHC 2.11	4	
		Organic Chemistry I (Practical)	CHC 2.12	2	
	Core 4	Physical Chemistry II (Theory)	CHC 2.21	4	
		Physical Chemistry II (Practical)	CHC 2.22	2	
	GE 2	Biochemistry, Bio-inorganic and Environmental Chemistry (Theory)	CHG 2.11	4	
		Chemistry Generic Practical II (Practical)	CHG 2.12	2	
	AECC 2	Environmental Studies	AEC-ES-1	4	
III	Core 5	Inorganic Chemistry II (Theory)	CHC 3.11	4	
		Inorganic Chemistry II (Practical)	CHC 3.12	2	
	Core 6	Organic Chemistry II (Theory)	CHC 3.21	4	
		Organic Chemistry II (Practical)	CHC 3.22	2	
	Core 7	Physical Chemistry III (Theory)	CHC 3.31	4	
		Physical Chemistry III (Practical)	CHC 3.32	2	
	SEC 1	Pesticide Chemistry (Theory &Practical) or Fuel Chemistry (Theory & Practical)	CHS 3.11(a) CHS 3.11(b)	2	
	GE 3	Chemical Bonding, Transition Metals and Coordination Chemistry (Theory)	CHG 3.11	4	
		Chemistry Generic Practical III (Practical)	CHG 3.12	2	
IV	Core 8	Inorganic Chemistry III (Theory)	CHC 4.11	4	
		Inorganic Chemistry III (Practical)	CHC 4.12	2	
	Core 9	Organic Chemistry III (Theory)	CHC 4.21	4	
		Organic Chemistry III (Practical)	CHC 4.22	2	
	Core 10	Physical Chemistry IV (Theory)	CHC 4.31	4	
		Physical Chemistry IV (Practical)	CHC 4.32	2	
	SEC 2	Chemical Technology & Society(Theory & Practical) or Pharmaceutical Chemistry (Theory &Practical) or Chemistry of Cosmetics & Perfumes(Theory & Practical)	CHS 4.11(a) CHS 4.11(b) CHS 4.11(c)	2	
		GE 4	Physical Chemistry for Biosciences (Theory)	CHG 4.11	4
			Chemistry Generic Practical IV (Practical)	CHG 4.12	2



V	Core 11	Organic Chemistry IV (Theory)	CHC 5.11	4
		Organic Chemistry IV (Practical)	CHC 5.12	2
	Core 12	Physical Chemistry V (Theory)	CHC 5.21	4
		Physical Chemistry V (Practical)	CHC 5.22	2
	DSE 1	Analytical Methods in Chemistry(Theory) or Polymer Chemistry (Theory)	CHD 5.11(a)	4
			CHD 5.11(b)	
		Analytical Methods in Chemistry(Practical) or Polymer Chemistry (Practical)	CHD 5.12(a)	2
			CHD 5.12(b)	
	DSE 2	Green Chemistry (Theory) or Novel Inorganic Solids (Theory)	CHD 5.21(a)	4
			CHD 5.21(b)	
		Green Chemistry (Practical) or Novel Inorganic Solids (Practical)	CHD 5.22(a)	2
			CHD 5.22(b)	
VI	Core 13	Inorganic Chemistry IV (Theory)	CHC 6.11	4
		Inorganic Chemistry IV (Practical)	CHC 6.12	2
	Core 14	Organic Chemistry V (Theory)	CHC 6.21	4
		Organic Chemistry V (Practical)	CHC 6.22	2
	DSE 3	Industrial Chemicals & Environment(Theory) or Research Methodology in Chemistry(Theory)	CHD 6.11(a)	4
			CHD 6.12(b)	
		Industrial Chemicals & Environment(Practical) or Research Methodology in Chemistry(Practical)	CHD 6.12(a)	2
			CHD 6.12(b)	
	DSE 4	Inorganic Materials of IndustrialImportance (Theory) or Instrumental Method of Chemicals(Theory)	CHD 6.21(a)	4
			CHD 6.21(b)	
		Inorganic Materials of IndustrialImportance (Practical) or Instrumental Method of Chemicals(Practical)	CHD 6.22(a)	2
			CHD 6.22(b)	

M.SC. PROGRAMME IN CHEMISTRY

COURSE STRUCTURE

SEMESTER	COURSE CODE	COURSE TITLE	CREDITS
I	MCHC 1.11	Inorganic Chemistry-I	4
	MCHC 1.21	Organic Chemistry-I	4
	MCHC 1.31	Physical Chemistry-I	4
	MCHC 1.41	Physical Chemistry-II	4
	MCHC 1.12	Organic Chemistry (Practical)	8



II	MCHC 2.11	Inorganic Chemistry-II	4
	MCHC 2.21	Organic Chemistry-II	4
	MCHC 2.31	Organic Chemistry-III	4
	MCHC 2.41	Physical Chemistry-III	4
	MCHC 2.12	Inorganic Chemistry (Practical)	8
III	MCHC 3.11	Inorganic Chemistry-III	4
	MCHC 3.21	Physical Chemistry-IV	4
	MCHC 3.12	Physical Chemistry (Practical)	8
	MCHD 3.11	OPTIONAL*	4
	MCHD 3.21	OPTIONAL*	4
IV	MCHC 4.11	Inorganic Chemistry-IV	4
	MCHC 4.21	Organic Chemistry-IV	4
	MCHC 4.31	Project work/Course Work	8
	MCHD 4.11	OPTIONAL**	4
	MCHD 4.21	OPTIONAL**	4

* **DISCIPLINE SPECIFIC ELECTIVE 1 & 2**

MCHD 3.11 & MCHD 3.21

COURSE TITLE	CREDITS
Analytical Chemistry & Catalysis	4
Natural Products & Bio Organic Chemistry	4
Nuclear Chemistry	4

** **DISCIPLINE SPECIFIC ELECTIVE 3 & 4**

MCHD 4.11 & MCHD 4.21

COURSE TITLE	CREDITS
Nano Chemistry & Polymer Science	4
Applied Inorganic Chemistry	4
Applied Organic Chemistry	4
Nanotechnology and Polymer Technology	4



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.

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. Dr. Krishna Kumar Tiwari, M.Sc., Ph.D.	Associate Prof. & Head
2. Mr. N. Meren Ao, M.Sc.	Associate Professor
3. Mrs. Sangeeta Vizo, M.Sc.	Associate Professor
4. Dr. Vijay Kumar Choudhury, M.Sc., Ph.D.	Associate Professor
5. Dr. (Mrs.) R. Vineetha, M.Sc., Ph.D.	Associate Professor
6. Mr. Kenneth Punyü, M.Sc.	Associate Professor
7. Mr. Rokovikho Hesielië, M.Sc.	Assistant Professor
8. Dr. (Mrs.) Neivotsonuo B. Kuotsu, M.Sc., B.Ed., Ph.D.	Assistant Professor
9. Mrs. A. Chubarenla, M.Sc.	Assistant Professor
10. Mrs. Vineinu Rhetso, M.Sc.	Assistant Professor
11. Dr. Daniel Kibami, M.Sc., Ph.D.	Assistant Professor
12. Mr. Savilie Yhor, M.Sc.	Assistant Professor



COMPUTER SCIENCE



B.SC. PROGRAMME IN COMPUTER SCIENCE

Semester	Course	Course Code	Credit	
I	Core 1	Programming Fundamentals using C(Theory)	CSC 1.11	4
		Programming Fundamentals using C (Practical)	CSC 1.12	2
	Core 2	Computer System Architecture(Theory)	CSC 1.21	4
		Computer System Architecture(Practical)	CSC 1.22	2
	GE 1	Computer Fundamentals (Theory)	CSG 1.11	4
		Computer Fundamentals (Practical)	CSG 1.12	2
	AECC 1	English Communication	AEC-CE -1	4
II	Core 3	Data Structures(Theory)	CSC 2.11	4
		Data Structures(Practical)	CSC 2.12	2
	Core 4	Programming in Java(Theory)	CSC 2.21	4
		Programming in Java(Practical)	CSC 2.22	2
	GE 2	Office Automation Tools (Theory)	CSG 2.11	4
		Office Automation Tools (Practical)	CSG 2.12	2
	AECC 2	Environmental Studies	AEC-ES-1	4
III	Core 5	Object Oriented Programming in C++ (Theory)	CSC 3.11	4
		Object Oriented Programming in C++(Practical)	CSC 3.12	2
	Core 6	Operating Systems(Theory)	CSC 3.21	4
		Operating Systems(Practical)	CSC 3.22	2
	Core 7	Computer Networks(Theory)	CSC 3.31	4
		Computer Networks(Practical)	CSC 3.32	2
	SEC 1	HTML	CSS 3.11	2
GE 3	HTML Programming (Theory)	CSG 3.11	4	
	HTML Programming (Practical)	CSG 3.12	2	
IV	Core 8	Design and Analysis of Algorithms(Theory)	CSC 4.11	4
		Design and Analysis of Algorithms(Practical)	CSC 4.12	2
	Core 9	Software Engineering(Theory)	CSC 4.21	4
		Software Engineering(Practical)	CSC 4.22	2
	Core 10	Database Management Systems(Theory)	CSC 4.31	4
		Database Management Systems(Practical)	CSC 4.32	2
	SEC 2	Programming in MATLAB	CSS 4.11	2
GE 4	Web & E-Commerce Technologies (Theory)	CSG 4.11	4	
	Web & E-Commerce Technologies (Practical)	CSG 4.12	2	
V	Core 11	Internet Technologies(Theory)	CSC 5.11	4
		Internet Technologies(Practical)	CSC 5.12	2
	Core 12	Theory of Computation (Theory)	CSC 5.21	5
		Theory of Computation(Tutorial)	CSC 5.22	1
	DSE 1	PHP Programming (Theory)	CSD 5.11	4
		PHP Programming(Practical)	CSD 5.11	2
	DSE 2	Programming in Visual Basic(Theory)	CSD 5.21	4
Programming in Visual Basic(Practical)		CSD 5.22	2	



VI	Core 13	Artificial Intelligence(Theory)	CSC 6.11	5
		Artificial Intelligence(Tutorial)	CSC 6.12	1
	Core 14	Computer Graphics(Theory)	CSC 6.21	4
		Computer Graphics(Practical)	CSC 6.22	2
	DSE 3	Cloud Computing (Theory)	CSD 6.11	4
		Cloud Computing (Practical)	CSD 6.12	2
	DSE 4	Project Work / Dissertation	CSD 6.21	6

COMPUTER SCIENCE

Computer science (CS) spans the range from theory through programming to cutting-edge development of computing solutions. Computer science offers a foundation that permits graduates to adapt to new technologies and new ideas. The work of computer scientists falls into three categories: a) designing and building software; b) developing effective ways to solve computing problems, such as storing information in databases, sending data over networks or providing new approaches to security problems; and c) devising new and better ways of using computers and addressing particular challenges in areas such as robotics, computer vision, or digital forensics.

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. Dr. Prajadhhip Sinha, M.Sc., Ph.D. | Assistant Professor & Head |
| 2. Ms. Nuzotalu M. Veyie, B.E., M.Sc. | Assistant Professor |
| 3. Mr. MODOZHO Mathew Dukru, B.E., M.Sc. | Assistant Professor |
| 4. Mrs. Mhasizovonuo Peseyie, M.C.A., M.Ed. | Assistant Professor |
| 5. Mr. Arnok Pongener, B.E. | Assistant Professor |



ENGLISH

B.A. PROGRAMME IN ENGLISH

Semester	Course	Course Name	Course Code	Credit
I	Core 1	Indian Classical Literature	ENC 1.11	6
	Core 2	European Classical Literature	ENC 1.21	6
	GE 1	Academic Writing & Composition	GE (ENG) 101	5
	AECC 1	English Communication	AEC-CE-1	2
II	Core 3	Indian Writing in English	ENC 2.11	6
	Core 4	British Poetry & Drama (14th to 17th Centuries)	ENC 2.21	6
	GE 2	Media & Communication Skills	GE (ENG) 102	5
	AECC 2	Environmental Science	AEC-ES-1	2
III	Core 5	American Literature	ENC 3.11	6
	Core 6	Popular Literature	ENC 3.21	6
	Core 7	British Poetry & Drama (17th & 18th Centuries)	ENC 3.31	6
	SEC 1	Creative Writing	ENS 3.11	2
	GE 3	Gender & Human Rights	GE (ENG) 103	5
IV	Core 8	British Literature (18th Century)	ENC 4.11	6
	Core 9	British Romantic Literature	ENC 4.21	6
	Core 10	British Literature (19th Century)	ENC 4.31	6
	SEC 2	English Language Teaching	ENS 4.11	2
	GE 4	Language, Literature & Culture	GE (ENG) 104	5
V	Core 11	Women's Writing	ENC 5.11	6
	Core 12	British Literature: The Early 20th Century	ENC 5.21	6
	DSE 1	Literary Criticism	END 5.11	6
	DSE 2	Science Fiction & Detective Literature	END 5.21	6
VI	Core 13	Modern European Drama	ENC 6.11	6
	Core 14	Post Colonial Literatures	ENC 6.21	6
	DSE 3	British Literature: Post WW II	END 6.11	6
	DSE 4	Travel Writing (Dissertation)	END 6.21	6



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. Mrs. M. Amenla, M.A. | Associate Prof. & Head |
| 2. Dr. (Mrs) Kelhouletuonuo, M.A., Ph.D. | Associate Professor |
| 3. Mrs. Narola Mekro, M.A. | Assistant Professor |
| 4. Dr. Seyiekhrielie Whiso, M.A., Ph.D., NET | Associate Professor |
| 5. Ms. Kevitsunuo Linyü, M.A. | Assistant Professor |
| 6. Dr. Richard Dzüvichü, M.A., Ph.D. | Assistant Professor |
| 7. Ms. Eyovono Tase, M.A., NET | Assistant Professor |



GEOGRAPHY



B.A./B.SC. PROGRAMMES IN GEOGRAPHY

Semester	Course	Course Name	Course Code	Credit
I	Core 1	Physical Geography (Theory)	GGC 1.11	4
		Fundamental Cartography (Practical)	GGC 1.12	2
	Core 2	Human Geography (Theory)	GGC 1.21	4
		General Cartography (Practical)	GGC 1.22	2
	GE 1	Introduction to Physical Geography (Theory)	GGG 1.11	4
		Thematic Cartography (Practical)	GGG 1.12	2
	AECC 1	English Communication	AEC-CE -1	4
II	Core 3	Geomorphology (Theory)	GGC 2.11	4
		Cartographic Technique 1(Practical)	GGC 2.12	2
	Core 4	Resource Geography	GGC 2.21	4
		Map Projection 1 (Practical)	GGC 2.22	2
	GE 2	Human Geography (Theory)	GGG 2.11	4
		General cartography (Practical)	GGG 2.12	2
AECC 2	Environmental Studies	AEC-ES-1	4	
III	Core 5	Climatology (Theory)	GGC 3.11	4
		Graphical representation of Weather Data (Practical)	GGC 3.12	2
	Core 6	Economic Geography (Theory)	GGC 3.21	4
		Socio-Economic Survey (Practical)	GGC 3.22	2
	Core 7	Settlement Geography (Theory)	GGC 3.31	4
		Survey (Practical)	GGC 3.32	2
	SEC 1	Remote Sensing (Practical)	GGG 3.12 (a)	2
		or Advanced Spatial Statistical Techniques (Practical)	GGG 3.12 (b)	
	GE 3	Geography of India (Theory)	GGG 3.11	4
		Introduction to Statistical Method (Practical)	GGG 3.12	2
IV	Core 8	Hydrology and Oceanography (Theory)	GGC 4.11	4
		Map Projection 2 (Practical)	GGC 4.12	2
	Core 9	Environmental Geography and Disaster management (Theory)	GGC 4.21	4
		Environment and Disaster Based Project Work (Practical)	GGC 4.22	2
	Core 10	Geography of India (Theory)	GGC 4.31	4
		Cartographic Technique II (Practical)	GGC 4.32	2
SEC 2	Geographical Information System (Practical)	GGG 4.12 (a)	2	
	or Research Methods (Practical)	GGG 4.12 (a)		
GE 4	Regional Geography of North East India and Nagaland (Theory)	GGG 4.11	4	
	Paper Presentation (Practical)	GGG 4.12	2	



V	Core 11	Regional Geography of Northeast India (Theory)	GGC 5.11	4
		Data Based on Northeast India (Practical)	GGC 5.12	2
	Core 12	Regional Planning and Development (Theory)	GGC 5.21	4
		Field Work	GGC 5.22	2
	DSE 1	Population Geography (Theory) or Geography of Health and Wellbeing (Theory)	GGD 5.11(a) GGD 5.11(b)	4
		Cartographic Technique 1 (Practical)	GGD 5.12	2
		DSE 2	Social Geography (Theory) or Geography of Tourism (Theory)	GGD 5.21(a) GGD 5.21(b)
Presentation (Practical)	GGD 5.22		2	
VI	Core 13		Advance Geomorphology (Theory)	GGC 6.11
		Cartographic Technique III (Practical)	GGC 6.12	2
	Core 14	Geography of Nagaland (Theory)	GGC 6.21	4
		Project: Field Study and Report (Practical)	GGC 6.22	2
	DSE 3	Agriculture Geography (Theory) or Urban Geography (Theory)	GGD 6.11(a) GGD 6.11(b)	4
		Graphical Representation of Data (Practical)	GGD 6.12	2
	DSE 4	Political Geography (Theory) Cartographic Technique II (Practical)	GGD 6.21 GGD 6.22	4 2
or Dissertation		GGD 6.23	6	

CAREER PROSPECT IN GEOGRAPHY

Civil services exams, teaching in schools/colleges/universities, Researcher, GIS and Remote Sensing specialist, geospatial analyst, Geoinformatics, Geopolitical Analyst, Urban Planner, Town Planner, Urban and Rural Development, Community development, Cartographer, Surveyor, Drafter, Enumerator, Environmental Scientist/Consultant, Climatologist, meteorologist, Conservation officer, Environment & Disaster Management, Emergency management Specialist, Geomorphologist, Hydrologist, Soil Conservationist, Water Conservation.

Faculty Profile:

- | | |
|--|----------------------------|
| 1. Ms. Rongdensüngla Longkumer, M.Sc. | Associate Professor & Head |
| 2. Dr. Sakhoveyi Lohe, M.Sc., Ph.D. | Assistant Professor |
| 3. Mr. Selie Puro, M.Sc. | Assistant Professor |
| 4. Mr. Kezhadi Leno, M.Sc., NET | Assistant Professor |
| 5. Mr. Kekhriele Nakhro, M.Sc., NET | Assistant Professor |
| 6. Ms. T. K. Medowe-u, M.Sc., NET | Assistant Professor |
| 7. Dr. Zakali Ayemi, M.A., M.Phil., Ph.D., NET | Assistant Professor |
| 8. Mr. Shevito Theyo, M.Sc., NET | Assistant Professor |



GEOLOGY

B.SC. PROGRAMME IN GEOLOGY

Semester	Course	Course Name	Course Code	Credit
I	Core 1	Earth System Science (Theory)	GLC 1.11	4
		Earth System Science (Practical)	GLC 1.12	2
	Core 2	Mineral Science (Theory)	GLC 1.21	4
		Mineral Science (Practical)	GLC 1.22	2
	GE 1	Essentials Of Geology (Theory)	GLG 1.11(a)	4
		or Earth Surface Processes (Theory)	GLG 1.11(b)	
		Essentials Of Geology (Practical)	GLG 1.12(a)	
AECC 1	English Communication	GLG 1.12(b)	2	
	or Earth Surface Processes (Practical)	GLG 1.12(b)		
	English Communication	AEC-CE -1		4
II	Core 3	Geomorphology (Theory)	GLC 2.11	4
		Geomorphology (Practical)	GLC 2.12	2
	Core 4	Structural Geology (Theory)	GLC 2.21	4
		Structural Geology (Practical)	GLC 2.22	2
	GE 2	Rocks And Minerals (Theory)	GLG 2.11(a)	4
		or Soils: Present And Past (Theory)	GLG 2.11(b)	
		Rocks And Minerals (Practical)	GLG 2.12(a)	
AECC 2	Environmental Studies	GLG 2.12(b)	2	
	or Soils: Present And Past (Practical)	GLG 2.12(b)		
	Environmental Studies	AEC-ES-1		4
III	Core 5	Igneous Petrology (Theory)	GLC 3.11	4
		Igneous Petrology (Practical)	GLC 3.12	2
	Core 6	Sedimentary Petrology (Theory)	GLC 3.21	4
		Sedimentary Petrology (Practical)	GLC 3.22	2
	Core 7	Elements Geochemistry (Theory)	GLC 3.31	4
		Elements Of Geochemistry(Practical)	GLC 3.32	2
	SEC 1	Field work I- Basic Field Training	GLS 3.12	2
GE 3	Fossils And Their Applications (Theory)	GLG 3.11(a)	4	
	or Earth Resources (Theory)	GLG 3.11(b)		
	Fossils And Their Applications (Practical)	GLG 3.12(a)		
IV	Core 8	Metamorphic Petrology (Theory)	GLC 4.11	4
		Metamorphic Petrology (Practical)	GLC 4.12	2
Core 9	Stratigraphic Principles And Indian Stratigraphy (Theory)	GLC 4.21	4	
	Stratigraphic Principles And Indian Stratigraphy (Practical)	GLC 4.22	2	
Core 10	Paleontology (Theory)	GLC 4.31	4	
	Paleontology (Practical)	GLC 4.32	2	
SEC 2	Geology Of Nagaland	GLS 4.12	2	



	GE 4	Natural Hazards And Disaster Management (Theory) or Nuclear Waste Management (Theory)	GLG 4.11(a) GLG 4.11(b)	4	
		Natural Hazards And Disaster Management (Practical) or Nuclear Waste Management (Practical)	GLG 4.12(a) GLG 4.12(b)		2
	V	Core 11	Economic Geology (Theory)	GLC 5.11	
			Economic Geology (Practical)	GLC 5.12	2
Core 12		Hydrogeology(Theory)	GLC 5.21	4	
		Hydrogeology (Practical)	GLC 5.22	2	
DSE 1		Exploration Geology (Theory) or Evolution Of Life Through Time (Theory)	GLD 5.11(a) GLD 5.11(b)	4	
			Exploration Geology (Practical) or Evolution Of Life Through Time (Practical)		GLD 5.12(a) GLD 5.12(b)
		DSE 2	Environmental Geology (Theory) or Introduction To Geophysics (Theory)	GLD 5.21(a) GLD 5.21(b)	4
				Environmental Geology (Practical) or Introduction To Geophysics (Practical)	
VI	Core 13		Engineering Geology (Theory)	GLC 6.11	4
			Engineering Geology (Practical)	GLC 6.12	2
	Core 14	Remote Sensing And GIS (Theory)	GLC 6.21	4	
		Remote Sensing And GIS (Practical)	GLC 6.22	2	
	DSE 3	Fuel Geology(Theory) or Urban Geology (Theory)	GLD 6.11(a) GLD 6.11(b)	4	
			Fuel Geology (Practical) or Urban Geology (Practical)		GLD 6.12(a) GLD 6.12(b)
		DSE 4	Field Work II or Earth And Climate (Theory)	GLD 6.21(a) GLD 6.21(b)	4
				Seminar or Earth And Climate (Practical)	

M.SC. PROGRAMME IN GEOLOGY

SEMESTER	COURSE CODE	COURSE TITLE	CREDITS
I	MGLC 1.11	Mineralogy, Crystallography and Analytical Techniques	4
	MGLC 1.21	Structural geology and Geodynamics	4
	MGLC 1.31	Igneous and Metamorphic Petrology	4
	MGLC 1.41	Sedimentology	4
	MGLC 1.12	Mineralogy, Crystallography and Analytical Techniques (Practical)	2
	MGLC 1.22	Structural geology and Geodynamics (Practical)	2
	MGLC 1.32	Igneous and Metamorphic Petrology (Practical)	2
	MGLC 1.42	Sedimentology (Practical)	2



	MGLC 2.11	Palaeontology	4
	MGLC 2.21	Stratigraphy and Quaternary Geology	4
	MGLC 2.31	Mineral Exploration and Mining geology	4
	MGLC 2.41	Geomorphology and Oceanography	4
	MGLC 2.12	Palaeontology (Practical)	2
	MGLC 2.22	Stratigraphy and Quaternary Geology (Practical)	2
	MGLC 2.32	Mineral Exploration and Mining geology (Practical)	2
II	MGLC 2.42	Geomorphology and Oceanography (Practical)	2
	MGLC 3.11	Engineering Geology and Hydrogeology	4
	MGLC 3.21	Economic and Ore Geology	4
	MGLD 3.11(a)	Fuel Geology and Geochemistry	4
	MGLD 3.11(b)	Sedimentary Environment and Sedimentary Basins	4
	MGLD 3.11(c)	Advanced Hydrogeology	4
	MGLD 3.21(a)	Geology of North East India	4
	MGLD 3.21(b)	Petroleum Exploration	4
	MGLD 3.21(c)	Marine Geology	4
	MGLC 3.12	Engineering Geology and Hydrogeology (Practical)	2
III	MGLC 3.22	Economic and Ore Geology (Practical)	2
	MGLD3.12(a)	Fuel Geology and Geochemistry (Practical)	2
	MGLD3.12(b)	Sedimentary Environment and Sedimentary Basins (Practical)	2
	MGLD3.12(c)	Advanced Hydrogeology (Practical)	2
III	MGLD 3.22(a)	Geology of North East India (Practical)	2
	MGLD 3.22(b)	Petroleum Exploration (Practical)	2
	MGLD 3.22(c)	Marine Geology (Practical)	2
	MGLC 4.11	Environmental Geology and Climatology	4
	MGLC 4.21	Remote Sensing and GIS	4
	MGLD 4.11	Fieldwork	4
	MGLD 4.21	Dissertation	4
	MGLC 4.12	Environmental Geology and Climatology (Practical)	2
	MGLC 4.22	Remote Sensing and GIS (Practical)	2
	MGLD 4.12	Seminar	2
IV	MGLD 4.22	Report and Presentation	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:

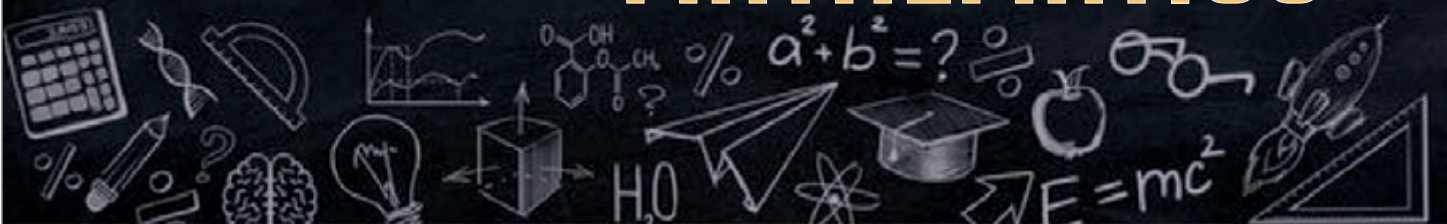
Indian Bureau of Mines, Atomic Energy Departments, Geological Survey of India, Oil and Natural Gas Corporation, National Mineral Development Corporation, Central Groundwater Board, Coal India Limited, Mineral Exploration Authority, Environmental Consultancy Firms, Mining Companies, Cement Companies, 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:

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|---|--------------------------------------|
| 1. Mrs. Aleno Doulo, M.Sc. | Assistant Professor & Head |
| 2. Dr. (Mrs.) Meniele K. Nuh, M.Sc., Ph.D. | Assistant Professor |
| 3. Mr. Vitholeto Nagi, M.Sc., NET | Assistant Professor (on study leave) |
| 4. Dr. (Mrs.) Rokokhono Nakhro, M.Sc., Ph.D., NET | Assistant Professor |
| 5. Mr. Thejakielie Meyase, M.Sc., M.Tech., NET | Assistant Professor |
| 6. Mrs Anettsungla, MSc, NET | Assistant Professor |



MATHEMATICS



B.SC. PROGRAMME IN MATHEMATICS

Semester	Course	Course Name	Course Code	Credit
I	Core 1	Calculus (Theory)	MAC 1.11	4
		Calculus (Practical)	MAC 1.12	2
	Core 2	Algebra (Theory)	MAC 1.21	5
		Algebra (Tutorial)		1
	GE 1	Calculus (Theory)	MAG 1.11(a)	5
		or Object Oriented Programming in C++ (Theory)	MAG 1.11(b)	4
		or Finite Elements Method	MAG 1.11(c)	5
		Calculus (Tutorial)	MAG 1.12(a)	1
		or Object Oriented Programming in C++ (Practical)	MAG 1.12(b)	2
		or Finite Elements Method (Tutorial)	MAG 1.12(c)	1
AECC 1	English Communication	AEC-CE -1	4	
II	Core 3	Real Analysis (Theory)	MAC 2.11	5
		Real Analysis (Tutorial)		1
	Core 4	Differential Equations (Theory)	MAC 2.21	4
		Differential Equations (Practical)	MAC 2.22	2
	GE 2	Algebra (Theory)	MAG 2.11(a)	5
		or Mathematical Finance (Theory)	MAG 2.11(b)	
		or Econometrics (Theory)	MAG 2.11(c)	
	Algebra (Tutorial)	MAG 2.12	1	
or Mathematical Finance (Tutorial)				
or Econometrics (Tutorial)				
AECC 2	Environmental Studies	AEC-ES-1	4	
III	Core 5	Theory of Real Functions (Theory)	MAC 3.11	5
		Theory of Real Functions (Tutorial)		1
	Core 6	Group Theory I (Theory)	MAC 3.21	5
		Group Theory I (Tutorial)		1
	Core 7	PDE and Systems of ODE (Theory)	MAC 3.31	4
		PDE and Systems of ODE (Practical)	MAC 3.32	2
	SEC 1	Logic and Sets (Theory)	MAS 3.11(a)	2
		or Computer Graphics (Theory)	MAS 3.11(b)	



	GE 3	Vectors and Analytical Geometry (Theory) or Cryptography and Network Security (Theory) or Information Security (Theory)	MAG 3.11(a) MAG 3.11(b) MAG 3.11(c)	5	
		Vectors and Analytical Geometry (Tutorial) or Cryptography and Network Security (Tutorial) or Information Security (Tutorial)	MAG 3.12	1	
IV	Core 8	Numerical Methods (Theory)	MAC 4.11	4	
		Numerical Methods (Practical)	MAC 4.12	2	
	Core 9	Riemann Integration and Series of Functions (Theory)	MAC 4.21	5	
		Riemann Integration and Series of Functions (Tutorial)		1	
	Core 10	Ring Theory and Linear Algebra I (Theory)	MAC 4.31	5	
		Ring Theory and Linear Algebra I (Tutorial)		1	
	SEC 2	Graph Theory or Operating System - Linux	MAS 4.11(a) MAS 4.11(b)	2	
		GE 4	Differential Equations and Higher Trigonometry (Theory) or Applications of Algebra (Theory) or Combination Mathematics (Theory)	MAG 4.11(a) MAG 4.11(b) MAG 4.11(c)	5
Differential Equations and Higher Trigonometry (Tutorial) or Applications of Algebra (Tutorial) or Combination Mathematics (Tutorial)	MAG 4.12		1		
V	Core 11	Multivariate Calculus (Theory)	MAC 5.11	5	
		Multivariate Calculus (Tutorial)		1	
	Core 12	Group Theory II (Theory)	MAC 5.21	5	
		Group Theory II (Tutorial)		1	
	DSE 1	Portfolio Optimization (Theory) or Number Theory (Theory) or Analytical Geometry (Theory)	MAD 5.11(a) MAD 5.11(b) MAD 5.11(c)	5	
		Portfolio Optimization (Tutorial) or Number Theory (Tutorial) or Analytical Geometry (Tutorial)		1	
		DSE 2	Industrial Mathematics (Theory) or Boolean Algebra and Automata Theory (Theory) or Probability and Statistics (Theory)	MAD 5.21(a) MAD 5.21(b) MAD 5.21(c)	5
			Industrial Mathematics (Tutorial) or Boolean Algebra and Automata Theory (Tutorial) or Probability and Statistics (Tutorial)		1
VI	Core 13		Metric Spaces and Complex Analysis (Theory)	MAC 6.11	5
			Metric Spaces and Complex Analysis (Tutorial)		1
	Core 14	Ring Theory and Linear Algebra II (Theory)	MAC 6.21	5	
		Ring Theory and Linear Algebra II (Tutorial)		1	
DSE 3	Theory of Equations (Theory) or	MAD 6.11(a)	5		
	DSE 4	Bio-Mathematics (Theory) or Linear Programming (Theory)	MAD 6.11(b) MAD 6.11(c)		
Theory of Equations (Tutorial) or Bio-Mathematics (Tutorial) OR Linear Programming (Tutorial)			1		
Mathematical Modelling (Theory) or Mechanics (Theory)		MAD 6.21(a) MAD 6.21(b)	4 5		
		Differential Geometry (Theory) or Mechanics (Tutorial)	MAD 6.21(c) MAD 6.22(a)	5 2	
Differential Geometry (Tutorial) or			1 1		



M.SC. PROGRAMME IN MATHEMATICS

SEMESTER	COURSE CODE	COURSE TITLE	CREDITS
I	MMAC 1.11	Ordinary Differential Equations (Theory)	4
	MMAC 1.12	Ordinary Differential Equations (Practical)	2
	MMAC 1.21	Linear Algebra	5+1
	MMAC 1.31	Real Analysis	5+1
	MMAC 1.41	Abstract Algebra	5+1
II	MMAC 2.11	Numerical Analysis	4
	MMAC 2.12	Programming in C (Practical)	2
	MMAC 2.21	General Topology	5+1
	MMAC 2.31	Classical Mechanics	5+1
	MMAC 2.41	Complex Analysis	5+1
III	MMAC 3.11	Partial Differential Equations (Theory)	4
	MMAC 3.12	Partial Differential Equations (Practical)	2
	MMAC 3.21	Functional Analysis	5+1
	MMAD 3.11	OPTIONAL*	5+1
	MMAD 3.21	OPTIONAL*	5+1
IV	MMAC 4.11	Mathematical Methods (Theory)	4
	MMAC 4.12	Mathematical Methods (Practical)	2
	MMAC 4.21	Rings & Modules	5+1
	MMAD 4.11	OPTIONAL**	5+1
	MMAD 4.21	OPTIONAL**	5+1 /6

*** DISCIPLINE SPECIFIC ELECTIVE 1 & 2
MMAD 3.11 & MMAD 3.21**

COURSE TITLE	CREDITS
Number Theory	5+1
Operation Research	5+1
Tensor Analysis & Riemannian Geometry	5+1
Measure Theory	5+1
Graph Theory	5+1
Mathematical Statistics	5+1
Field Theory	5+1
Mathematical Modelling	5+1
Multivariable Calculus	5+1

**** DISCIPLINE SPECIFIC ELECTIVE 3 & 4
MMAD 4.11 & MMAD 4.21**

COURSE TITLE	CREDITS
Fluid Mechanics	5+1
Fourier Analysis	5+1
Algebraic Number Theory	5+1
Analytic Number Theory	5+1
Algebraic Topology	5+1
Commutative Algebra	5+1
Discrete Mathematics	5+1
Operation Research	5+1
Lie Algebra	5+1
Theory of Relativity	5+1
Game Theory	5+1
Dissertation/Project	6



CAREER PROSPECT IN MATHEMATICS

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

A trained mathematician can be very well employed outside academia. Government departments engaged in space research (the Indian Space Research Organization, or ISRO), defence research (Defence Research and Development Organization, or DRDO), aeronautical research (National Aeronautical Limited, or NAL), all employ mathematicians to solve their special problems. Today, Cryptology is in vogue (the systems ensuring the safety of our credit card transactions are based on some very sophisticated mathematics). Organizations such as the DRDO and the Society for Electronic Transactions and Security (SETS) are interested in mathematicians with training in this area. Financial Mathematics is another area that leads to well-paid jobs. Computer giants such as the IBM and Microsoft have research departments which have highly paid scientists who are either mathematicians or theoretical computer scientists. Another emerging area is Mathematical Biology. Because of the complexity of the living systems. Mathematical Biology employs several fields of mathematics and has contributed to the development of new techniques. Thus, there is plenty of scope even outside academia.

Faculty Profile:

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| 1. Dr. S. N. Pandey, M.Sc., Ph.D. | Associate Professor |
| 2. Dr. Hemanta Konwar, M.Sc., Ph.D. | Associate Professor & Head |
| 3. Ms. Jane Roseline Yimchunger, M.Sc. | Assistant Professor |
| 4. Mrs. Vitsono Lungalang, M.Sc. | Assistant Professor |
| 5. Mr. Bendangwapang, M.Sc., M.Tech. | Assistant Professor |
| 6. Mr. Teisovi Gerard Meyase, M.Sc., NET | Assistant Professor |
| 7. Mr. Sedevikho Chase, M.Sc., NET | Assistant Professor |
| 8. Mr Along Longchari, MSc, NET | Assistant Professor |



PHYSICS

B.SC. PROGRAMME IN PHYSICS

Semester	Course	Course Name	Course Code	Credit
I	Core 1	Mathematical Physics (Theory)	PHC 1.11	4
		Mathematical Physics (Practical)	PHC 1.12	2
	Core 2	Mechanics (Theory)	PHC 1.21	4
		Mechanics (Practical)	PHC 1.22	2
	GE 1	Mechanics (Theory)	PHG 1.11	4
		Mechanics (Practical)	PHG 1.12	2
AECC 1	English Communication	AEC-CE -1	4	
II	Core 3	Electricity and Magnetism (Theory)	PHC 2.11	4
		Electricity and Magnetism (Practical)	PHC 2.12	2
	Core 4	Waves and Optics (Theory)	PHC 2.21	4
		Waves and Optics (Practical)	PHC 2.22	2
	GE 2	Electricity and Magnetism (Theory)	PHG 2.11	4
		Electricity and Magnetism (Practical)	PHG 2.12	2
AECC 2	Environmental Studies	AEC-ES-1	4	
III	Core 5	Mathematical Physics II (Theory)	PHC 3.11	4
		Mathematical Physics II (Practical)	PHC 3.12	2
	Core 6	Thermal Physics (Theory)	PHC 3.21	4
		Thermal Physics (Practical)	PHC 3.22	2
	Core 7	Analog Systems and Applications (Theory)	PHC 3.31	4
		Analog Systems and Application (Practical)	PHC 3.32	2
SEC 1	Basic Instrumentation Skills (Practical) or Physics Workshop Skill (Practical)	PHS 3.12(a) PHS 3.12(b)	2	
GE 3	Waves and Optics (Theory)	PHG 3.11	4	
	Waves and Optics (Practical)	PHG 3.12	2	
IV	Core 8	Mathematical Physics III (Theory)	PHC 4.11	4
		Mathematical Physics III (Practical)	PHC 4.12	2
	Core 9	Elements of Modern Physics (Theory)	PHC 4.21	4
		Elements of Modern Physics (Practical)	PHC 4.22	2
	Core 10	Digital Systems and Applications (Theory)	PHC 4.31	4
		Digital Systems and Applications (Practical)	PHC 4.32	2
SEC 2	Computational Physics (Practical) or Radiation Safety (Practical)	PHS 4.12(a) PHS 4.12(b)	2	
GE 4	Elements of Modern Physics (Theory)	PHG 4.11	4	
	Elements of Modern Physics (Practical)	PHG 4.12	2	
V	Core 11	Quantum Mechanics and Applications (Theory)	PHC 5.11	4
		Quantum Mechanics and Applications (Practical)	PHC 5.12	2
	Core 12	Solid State Physics (Theory)	PHC 5.21	4
		Solid State Physics (Practical)	PHC 5.22	2



	DSE 1	Classical Dynamics	PHD 5.11(a)	5	
		or			
		Digital signal processing theory	PHD 5.11(b)	4	
		Classical Dynamics (Tutorial)		1	
	DSE 2	Classical Dynamics (Tutorial)	PHD 5.12(b)	1	
		or			
		Digital signal processing theory Lab		2	
		Nano Material and Applications (Theory)	PHD 5.21(a)	4	
	DSE 2	or			
		Nuclear and Particle Physics (Theory)	PHD 5.21(b)	5	
		Nano Material and Applications (Practical)		2	
		or			
	DSE 2	Nuclear and Particle Physics (Tutorial)	PHD 5.22(a)	1	
		Core 13	Electromagnetic Theory (Theory)	PHC 6.11	4
		Core 14	Electromagnetic Theory (Practical)	PHC 6.12	2
			Statistical Mechanics (Theory)	PHC 6.21	4
	DSE 3	Statistical Mechanics (Practical)	PHC 6.22	2	
		Advance Mathematical Physics-I (Theory)	PHD 6.11(a)	4	
		or			
		Advance Mathematical Physics-II (Theory)	PHD 6.11(b)	5	
	DSE 3	Advance Mathematical Physics-I Lab	PHD 6.12(a)	2	
		or		1	
		Advance Mathematical Physics-II (Tutorial)			
		DSE 4	Astronomy and Astrophysics (Theory)	PHD 6.21(a)	5
	DSE 4	or			
		Atmospheric Physics (Theory)	PHD 6.21(b)	4	
		or			
		Physics of Earth (Theory)	PHD 6.21(c)	5	
	DSE 4	or			
		Biological Physics (Theory)	PHD 6.21(d)	5	
		Astronomy and Astrophysics (Tutorial)		1	
		or			
	DSE 4	Atmospheric Physics (Practical)	PHD 6.22	2	
		or			
		Physics of Earth (Tutorial)		1	
		or			
	DSE 4	Biological Physics (Tutorial)		1	

M.SC. PROGRAMME IN PHYSICS

SEMESTER	COURSE CODE	COURSE TITLE	CREDITS
I	MPHC 1.11	Classical Mechanics	5+1
	MPHC 1.21	Quantum Mechanics-I	4
	MPHC 1.31	Mathematical Physics	4
	MPHC 1.41	Statistical Mechanics	5+1
	MPHC 1.22	Quantum Mechanics-I	2
	MPHC 1.32	Mathematical Physics	2
II	MPHC 2.11	Electrodynamics	4
	MPHC 2.21	Quantum Mechanics- II	5+1
	MPHC 2.31	Nuclear & Particle Physics	4
	MPHC 2.41	Condensed Matter Physics -I	4
	MPHC 2.22	Electrodynamics	2
	MPHC 2.32	Nuclear & Particle Physics	2
	MPHC 2.42	Condensed Matter Physics -I	2



III	MPHC 3.11	Embedded Systems: Introduction to microcontrollers	4
	MPHC 3.21	Atomic & Molecular Spectroscopy	4
	MPHC 3.12	Embedded Systems: Introduction to microcontrollers	2
	MPHC 3.22	Atomic & Molecular Spectroscopy	2
	MPHD 3.11(a)	Condensed Matter Physics-II	4
MPHD 3.11(b)	Remote Sensing of the atmosphere	4	
MPHD 3.11(c)	High Energy Physics	5+1	
MPHD 3.21(a)	Astronomy and Astrophysics	4	
III	MPHD 3.21(b)	Digital Signal Processing	4
	MPHD 3.21(c)	Plasma Physics	5+1
	MPHD 3.12(a)	Condensed Matter Physics-II	2
	MPHD 3.12(b)	Remote Sensing of the atmosphere	2
	MPHD 3.22(a)	Astronomy and Astrophysics	2
	MPHD 3.22(b)	Digital Signal Processing	2
IV	MPHC 4.11	Computational Physics	4
	MPHC 4.21	Experimental Methods	4
	MPHC 4.12	Computational Physics	2
	MPHC 4.22	Experimental Methods	2
	MPHD 4.11(a)	Atmospheric Physics	4
	MPHD 4.11(b)	Applied Dynamics	5+1
	MPHD 4.11(c)	Communication Electronics	4
	MPHD 4.12(a)	Atmospheric Physics	2
	MPHD 4.12(c)	Communication Electronics	2
	MPHD 4.21	Dissertation	6



CAREER PROSPECT IN PHYSICS

There are several career options for Physics graduates. Some of the career paths are highlighted:

Teaching: Physics graduates can pursue a career in teaching, working as professors, lecturers or teachers at universities, colleges or schools.

Academic Research: Physics graduates can pursue a career in academic research, working as research assistants, research fellows or scientists at various research institutions such as the Indian Institutes of Technology (IITs), Indian Institute of Science (IISc), Indian Institutes of Science Education and Research (IISERs), Tata Institute of Fundamental Research (TIFR), Bhabha Atomic Research Centre (BARC), Space Physics Laboratory (SPL), Institute for Plasma Research (IPR), Indian Institute of Astrophysics (IIA), Raman Research Institute (RRI), Physical Research Laboratory (PRL), Saha Institute of Nuclear Physics (SINP), Inter University Accelerator Center (IUAC), Indian Institute of Space Science and Technology (IIST), Indira Gandhi Centre for Atomic Research (IGCAR), Indian Institute of Geomagnetism (IIG), Indian Institute of Tropical Meteorology (IITM) and a host of other top research institutes.

Science Communication: Physics graduates can also work as science communicators, science writers or journalists, popularizing scientific knowledge to the general public through various media channels.

Data Science: Physics graduates with strong mathematical and computational skills are highly sought after in the field of data science, which involves analyzing and interpreting large amounts of data.

In addition to these options, there are also opportunities for Physics graduates in government organizations such as the Department of Atomic Energy (DAE), India Meteorological Department (IMD), Defence Research and Development Organisation (DRDO) and the Indian Space Research Organization (ISRO), as well as in private companies such as software development firms, research and development labs, and consulting firms.

Overall, the career prospects for Physics graduates are diverse and promising, with many opportunities for growth and development in a range of fields.

Department of Physics

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|--|----------------------------|
| 1. Dr. Chetan Kachhara, M.Sc., Ph.D. | Assistant Professor & Head |
| 2. Mr. Veta Nyienyu, M.Sc. | Assistant Professor |
| 3. Dr. Talinungsang, M.Sc., Ph.D. | Assistant Professor |
| 4. Mr. Imlisunup, M.Sc. | Assistant Professor |
| 5. Mrs. Meripeni Ezung, M.Sc., M.Phil. | Assistant Professor |
| 6. Mr. Samuel Ao, M.Sc. | Assistant Professor |
| 7. Mr. Mangliyanga, M.Sc., NET | Assistant Professor |
| 8. Mr. Subenthung Tsopoe, M.Sc., NET | Assistant Professor |
| 9. Dr. Visuzoto Valeo, M.Sc., Ph.D., NET | Assistant Professor |



STATISTICS

B.SC. PROGRAMME IN STATISTICS

Semester	Course	Course Name	Course Code	Credit
I	Core 1	Descriptive Statistics and Probability Theory (Theory)	STC 1.11	4
		Descriptive Statistics (Practical)	STC 1.12	2
	Core 2	Calculus (Theory)	STC 1.21	5
		Calculus (Tutorial)		1
	GE 1	Statistical Methods (Theory)	STG 1.11	4
		Statistical Methods (Practical)	STG 1.12	2
	AECC 1	English Communication	AEC-CE-1	4
II	Core 3	Probability Distributions and Correlation Analysis (Theory)	STC 2.11	4
		Probability Distributions and Correlation Analysis (Practical)	STC 2.12	2
	Core 4	Algebra (Theory)	STC 2.21	5
		Algebra (Tutorial)		1
	GE 2	Introductory Probability (Theory)	STG 2.11	4
		Introductory Probability (Practical)	STG 2.12	2
	AECC 2	Environmental Studies	AEC-ES-1	4
III	Core 5	Sampling Distributions (Theory)	STC 3.11	4
		Sampling Distributions (Practical)	STC 3.12	2
	Core 6	Survey Sampling & Indian Official Statistics (Theory)	STC 3.21	4
		Survey Sampling & Indian Official Statistics (Practical)	STC 3.22	2
	Core 7	Mathematical Analysis (Theory)	STC 3.31	5
		Mathematical Analysis (Tutorial)		1
	SEC 1	Statistical-Data Analysis Using Software Packages (Practical)	STS 3.12	2
	GE 3	Basics of Statistical Inference (Theory)	STG 3.11	4
Basics of Statistical Inference (Practical)		STG 3.12	2	
IV	Core 8	Statistical Inference (Theory)	STC 4.11	4
		Statistical Inference (Practical)	STC 4.12	2
	Core 9	Linear Models (Theory)	STC 4.21	4
		Linear Models (Practical)	STC 4.22	2
	Core 10	Statistical Quality Control (Theory)	STC 4.31	4
		Statistical Quality Control (Practical)	STC 4.32	2
	SEC 2	Statistical Techniques for Research Methods	STS 4.11(a)	2
	GE 4	Applied Statistics (Theory)	STG 4.11	4
Applied Statistics (Practical)		STG 4.12	2	



	DSE 2	Time Series Analysis (Theory)	STD 5.21	4
		Time Series Analysis (Practical)	STD 5.22	2
VI	Core 13	Design of Experiments (Theory)	STC 6.11	4
		Design of Experiments (Practical)	STC 6.12	2
	Core 14	Multivariate Analysis and Index Numbers (Theory)	STC 6.21	4
		Multivariate Analysis and Index Numbers (Practical)	STC 6.22	2
	DSE 3	Demography (Theory)	STD 6.11	4
		Demography (Practical)	STD 6.12	2
	DSE 4	Econometrics (Theory) OR Project Work	STD 6.21(a)	4
			STD 6.21(b)	6
		Econometrics (Practical)	STD 6.22(a)	2
V	Core 11	Stochastic Processes and Queuing Theory (Theory)	STC 5.11	4
		Stochastic Processes and Queuing Theory (Practical)	STC 5.12	2
	Core 12	Statistical Computing Using C/C++ Programming (Theory)	STC 5.21	4
		Statistical Computing Using C/C++ Programming (Practical)	STC 5.22	2
	DSE 1	Operations Research (Theory)	STD 5.11	4
		Operations Research (Practical)	STD 5.12	2

CAREER PROSPECT IN STATISTICS

Statistical officer, Research Officer, Banking sector, Management, Computer administration, Through UPSC or staff selection Commission (SSC): Indian Statistical Service, Statistical Inspector / Investigator, Research Investigator, Research , Officer, Data analyst in Census department, NSSO, CSO, etc.

Through NPSC: Assistant Professor, Research Officer in Planning and Development Dept., Statistical Officer , Statistical Investigator / Investigator under Directorate of Economic and Statistics, and various department under State Government.

Students with M.Sc. in Data Analysis and M.Sc. in Bio-statistics, or an MSc in Population Studies have good chances of job opportunities in Industrial or allied sectors.

Faculty Profile

- | | |
|---|-------------------------------|
| 1. Md. Jakir Ali, M.Sc. | Associate Prof. & Head |
| 2. Dr. Sheikh Faruk Ahmed, M.Sc., Ph.D. | Associate Professor (on lien) |
| 3. Dr. Pallab Changkakoti, M.Sc., Ph.D., PGDCA. | Assistant Professor |
| 4. Ms Rovila Jinger, MSc, NET | Assistant Professor |
| 5. Mrs. Vibunü, M.Sc. | Assistant Professor |
| 6. Ms. Tsudina Jamir, MSc, NET | Assistant Professor |



ZOOLOGY

B.SC. PROGRAMME IN ZOOLOGY

Semester	Course	Course Name	Course Code	Credit	
I	Core 1	Non-chordates I: Protozoans to Pseudocoelomates (Theory)	ZOC 1.11	4	
		Non-chordates I: Protozoans to Pseudocoelomates (Practical)	ZOC 1.12	2	
	Core 2	Principles of Ecology (Theory)	ZOC 1.21	4	
		Principles of Ecology (Practical)	ZOC 1.22	2	
	GE 1	Aquatic biology (Theory) or Animal diversity (Theory)	ZOG 1.11(a) ZOG 1.11(b)	4	
		Aquatic biology (Practical) or Animal diversity (Practical)	ZOG 1.12(a) ZOG 1.12(b)		2
		AECC 1	English Communication	AEC-CE -1	
		II	Core 3	Non-chordates II: Coelomates (Theory)	ZOC 2.11
Non-chordates II: Coelomates (Practical)	ZOC 2.12			2	
Core 4	Cell Biology (Theory)		ZOC 2.21	4	
	Cell Biology (Practical)		ZOC 2.22	2	
GE 2	Environmental and Public Health (Theory) or Insect Vectors and Diseases (Theory)		ZOG 2.11(a) ZOG 2.11(b)	4	
	Environmental and Public Health (Practical) or Insect Vectors and Diseases (Practical)		ZOG 2.12(a) ZOG 2.12(b)		2
	AECC 2		Environmental Studies	AEC-ES-1	
	III		Core 5	Diversity of Chordates (Theory)	ZOC 3.11
Diversity of Chordates (Practical)		ZOC 3.12		2	
Core 6		Physiology: Controlling and Coordinating Systems (Theory)	ZOC 3.21	4	
		Physiology: Controlling and Coordinating Systems (Practical)	ZOC 3.22	2	
Core 7		Fundamentals of Biochemistry (Theory)	ZOC 3.31	4	
		Fundamentals of Biochemistry (Practical)	ZOC 3.32	2	
SEC 1		Apiculture or Sericulture	ZOS 3.11(a) ZOS 3.11(b)	2	
		GE 3	Human Physiology (Theory) or Exploring the Brain: Structure and Function (Theory)		ZOG 3.11(a) ZOG 3.11(b)
Human Physiology (Practical) or Exploring the Brain: Structure and Function (Practical)			ZOG 3.12(a) ZOG 3.12(b)	2	



IV	Core 8	Comparative Anatomy of Vertebrates (Theory)	ZOC 4.11	4
		Comparative Anatomy of Vertebrates (Practical)	ZOC 4.12	2
	Core 9	Physiology: Life Sustaining Systems (Theory)	ZOC 4.21	4
		Physiology: Life Sustaining Systems (Practical)	ZOC 4.22	2
	Core 10	Biochemistry of Metabolic Processes (Theory)	ZOC 4.31	4
		Biochemistry of Metabolic Processes (Practical)	ZOC 4.32	2
SEC 2	Medical Diagnostics or Aquarium Fish Keeping	ZOS 4.11(a)	2	
GE 4	Food, Nutrition and Health (Theory) or Animal Cell Biotechnology (Theory)	ZOG 4.11(a)	4	
	Food, Nutrition and Health (Practical) or Animal Cell Biotechnology (Practical)	ZOG 4.11(b)	2	
		ZOG 4.12(a)	2	
		ZOG 4.12(b)	2	
V	Core 11	Molecular Biology (Theory)	ZOC 5.11	4
		Molecular Biology (Practical)	ZOC 5.12	2
	Core 12	Principles of Genetics (Theory)	ZOC 5.21	4
		Principles of Genetics (Practical)	ZOC 5.22	2
	DSE 1	Biology of Insects (Theory) or Animal Behaviour and Chronobiology (Theory)	ZOD 5.11(a)	4
		Biology of Insects (Practical) or Animal Behaviour and Chronobiology (Practical)	ZOD 5.11(b)	2
			ZOD 5.12(a)	2
	DSE 2	Parasitology (Theory) or Reproductive Biology (Theory)	ZOD 5.12(b)	4
		Parasitology (Practical) or Reproductive Biology (Practical)	ZOD 5.21(a)	2
			ZOD 5.21(b)	2
VI	Core 13	Developmental Biology (Theory)	ZOC 6.11	4
		Developmental Biology (Practical)	ZOC 6.12	2
	Core 14	Evolutionary Biology (Theory)	ZOC 6.21	4
		Evolutionary Biology (Practical)	ZOC 6.22	2
	DSE 3	Fish and Fisheries (Theory) or Wildlife Conservation and Management (Theory)	ZOD 6.11(a)	4
		Fish and Fisheries (Practical) or Wildlife Conservation and Management (Practical)	ZOD 6.11(b)	2
			ZOD 6.12(a)	2
	DSE 4	Immunology (Theory) or Endocrinology (Theory)	ZOD 6.12(b)	4
Immunology (Practical) or Endocrinology (Practical)		ZOD 6.21(a)	2	
		ZOD 6.21(b)	2	



M.SC. PROGRAMME IN ZOOLOGY

SEMESTER	COURSE CODE	COURSE TITLE	CREDITS
I	MZOC 1.11	Genetics & Cytogenetics	4
	MZOC 1.21	Animal Physiology	4
	MZOC 1.31	Biosystematics & Evolutionary Biology	4
	MZOC 1.41	Biochemistry	4
	MZOC 1.12	Genetics & Cytogenetics (Practical)	2
	MZOC 1.22	Animal Physiology (Practical)	2
	MZOC 1.32	Biosystematics & Evolutionary Biology (Practical)	2
	MZOC 1.42	Biochemistry (Practical)	2
II	MZOC 2.11	Cell & Molecular Biology	4
	MZOC 2.21	Developmental Biology	4
	MZOC 2.31	Proteomic & Enzymology	4
	MZOC 2.41	Techniques in Biology	4
	MZOC 2.12	Cell & Molecular Biology (Practical)	2
	MZOC 2.22	Developmental Biology (Practical)	2
	MZOC 2.32	Proteomic & Enzymology (Practical)	2
	MZOC 2.42	Techniques in Biology (Practical)	2
III	MZOC 3.11	Parasitology	4
	MZOC 3.21	Immunology	4
	MZOC 3.12	Parasitology (Practical)	2
	MZOC 3.22	Immunology (Practical)	2
	MZOD 3.11(a)	Endocrinology – I	4
	MZOD 3.11(b)	Fish Biology – I	4
	MZOD 3.11(c)	Limnology – I	4
	MZOD 3.11(d)	Entomology – I	4
	MZOD 3.12(a)	Endocrinology – I (Practical)	2
	MZOD 3.12(b)	Fish Biology – I (Practical)	2
	MZOD 3.12(c)	Limnology – I (Practical)	2
	MZOD 3.12(d)	Entomology – I (Practical)	2
	MZOD 3.21(a)	Research Methodology	6
	MZOD 3.21(b)	Research Methodology	6
MZOD 3.21(c)	Research Methodology	6	
IV	MZOC 4.11	Ecology & Environmental Biology	4
	MZOC 4.21	Animal Behaviour & Chronobiology	4
	MZOC 4.12	Ecology & Environmental Biology (Practical)	2
	MZOC 4.22	Animal Behaviour & Chronobiology (Practical)	2
	MZOD 4.11(a)	Endocrinology – I	4
	MZOD 4.11(b)	Fish Biology – I	4
	MZOD 4.11(c)	Limnology – I	4
	MZOD 4.11(d)	Entomology – I	4
	MZOD 4.12(a)	Endocrinology – I (Practical)	2
	MZOD 4.12(b)	Fish Biology – I (Practical)	2
	MZOD 4.12(c)	Limnology – I (Practical)	2
	MZOD 4.12(d)	Entomology – I (Practical)	2
	MZOD 4.21	Dissertation	6



CAREER PROSPECT IN ZOOLOGY

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. Mrs. Anungla Pongener, M.Sc. | Associate Professor & Head |
| 2. Dr. Limatemjen, M.Sc., Ph.D. | Associate Professor & Dean of Sciences |
| 3. Mrs. Katasinliu Remmei, M.Sc. | Associate Professor |
| 4. Dr. Vethselo Doulo, M.Sc., Ph.D., NET | Assistant Professor |
| 5. Mrs. Venolü Kezo, M.Sc. | Assistant Professor |
| 6. Ms. Rüsokhrienuo Theünuo, M.Sc. | Assistant Professor |
| 7. Dr. Lilongchem Thyüg, M.Sc., Ph.D. | Assistant Professor |
| 8. Mr Chiratho M. Nyuwi, MSc, PGDDM | Assistant Professor |
| 9. Dr. Ruokuovikho Dominic, M.Sc., Ph.D. | Assistant Professor |
| 10. Mrs Luiluilu Lungalang, MSc, NET, B.Ed. | Assistant Professor |



TENYIDIE

B.A. PROGRAMME IN TENYIDIE

Semester	Course	Course Name	Course Code	Credit
I	Core 1	U THEMIA MU U DIE DZEWE (THEORY)	TNC 1.11	4
		TENYIDIE KEPU KERÜNYÜ (PRACTICAL)	TNC 1.12	2
	Core 2	DIEMVÜ RHITHO DZE (THEORY)	TNC 1.21	4
		DIEMVÜ RHI RHI DO CHĪ PEKIEKĪ (PRACTICAL)	TNC 1.22	2
	GE 1	Tenyidie Kethu-Kephrü Zho (Theory)	TNG 1.11	4
		Tenyidie kepu mu kerünyü (Practical)	TNG 1.12	
AECC 1	TENYIDIE COMMUNICATION	TNA 1.11	4	
II	Core 3	KERIEKIMIA GEIZO (THEORY)	TNC 2.11	4
		KERIEKIMIA GEIZO KEPFHÜ (PRACTICAL)	TNC 2.12	2
	Core 4	U TEIKI GEIZO (THEORY)	TNC 2.21	4
		GEIZO KEZO MU KEPUKECHÜ (PRACTICAL)	TNC 2.22	2
	GE 2	TENYIDIE KEPU MU KEZO (THEORY)	TNG 2.11	4
		GEIZO ZOKECÜ MU KHUNE KEMIEKĪ (PRACTICAL)	TNG 2.12	2
AECC 2	Environmental Studies	AEC-ES-1	4	
III	Core 5	Rüsie (Theory)	TNC 3.11	4
		Rüsie Kechü Do (Practical)	TNC 3.12	2
	Core 6	Noudodze (Theory)	TNC 3.21	4
		Noudo Rhitho moro Nourhei Diepu (Practical)	TNC 3.22	2
	Core 7	U Tsiepfumia Dzeüseko (Theory)	TNC 3.31	4
		Thedzethemie Kethu (Practical)	TNC 3.32	2
	SEC 1	Nourhei M'athu Bode Rüsie Kechü Do (Practical)	TNS 3.11	2
	GE 3	Tenyimia Kelhouzho (Theory)	TNG 3.11	4
Mhachiehu mu Kepukecü (Practical)		TNG 3.12	2	
IV	Core 8	Ketho Dze (Theory)	TNC 4.11	4
		Ketho Dze Kepethadie Kecapukecü (Practical)	TNC 4.12	2
	Core 9	Krütsazho Kevi (Theory)	TNC 4.21	4
		Mhachie Kedoju (Practical)	TNC 4.22	2
	Core 10	Study of Literature (Theory)	TNC 4.31	6
	SEC 2	Rhithorhie	TNS 4.11	2
	GE 4	Tenyimia Diemvü Bode Sedeko (Theory)	TNG 4.11	4
		Field trip report writing	TNG 4.12	2
V	Core 11	Pededze (Theory)	TNC 5.11	4
		Thetsa nu Mhathu (Practical)	TNC 5.12	2
	Core 12	Study of Major Prose Writing (Theory)	TNC 5.21	6
	DSE 1	Diezho (Theory)	TND 5.11	4
		Moro Nawe Dze Kephrü (Theory)		
	(A) Diezho Kethu Kese Rhi (Practical)	TND 5.12	2	
	Moro (B) Nawe Thechü mu puo Seyie Thakecü. (Practical)			



VI	Core 13	Die Dze Kephřü (Theory)	TNC 6.11	4
		Die kemeyie ca kepukecũ/Dieu Kelhouzho tha pekiekecũ (Practical)	TNC 6.12	2
	Core 14	Basic Linguistics (Theory)	TNC 6.21	6
	DSE 3	(A)Diemvũ Thete Dze (Theory) Moro	TND 6.11	4
		(B) Noudo Dzevi Dze (Theory)		
		Diete Kechũ Do (Practical) Moro Dievi Zopie kecapukecũ (Practical)	TND 6.12	2
	DSE 4	(A)Mhachietho (<i>Project Work</i>) Moro	TND 6.21	6
		(B) Mhathuda (<i>Dissertation</i>)		
	DSE 2	(A)Lh enu Kinyiko (Theory) Moro	TND 5.21	4
		(B) U Themia Mhasi Kesou (Theory)	TND 5.22	2
(A) Kerũguo Dorhũ (Practical) Moro (B) Chie mu Tha kekie di kepukecũ (Practical)				

CAREER PROSPECT IN TENYIDIE

Writing and Composing (Creative/block/critical), Translation (Written/Oral), Teaching (pre-school to University), Research, Civil Service, Tutors of spoken Tenyidie, Journalism, Media Industry (Radio), Preservation of Traditional Cultures (Folk-lore, Folk-music, Cultural Values, Social Values)

Faculty Profile:

- | | |
|-------------------------------------|--------------------------------------|
| 1. Ms. Vizomenuo Merlyn Yhome, M.A. | Assistant Professor & Head |
| 2. Mrs. Sepole Hesuh, M.A. | Assistant Professor |
| 3. Mr. Vimedo Keyho, M.A. | Assistant Professor (on study leave) |
| 4. Ms. Vilehunuo, M.A. | Assistant Professor |

ENHANCEMENT COMPULSORY COURSE (AECC)

Environmental Science (ESA 2.11)

Environmental Science is a compulsory subject under AECC in the second semester of the BA/BSc programme. In the absence of a full-fledged Environmental Science department, a committee oversees the implementation of this paper.

1. Mr Kenneth Punyü, (Convener) Associate Prof, Chemistry
2. Mrs Vineino Rhetso, Associate Prof, Chemistry
3. Mr Kekhriele Nakhro, Assistant Prof, Geography
4. Mr Shevito Theyo, Assistant Prof, Geography



GENERIC ELECTIVE NCC

CAREER PROSPECT IN NCC

Possessing NCC 'C' Certificate (at least Grade B) with Graduate degree can get direct entry in Indian Military of various branches through SSB without UPSC examination. 64 vacancies reserved every year for NCC -C' Certificate holders in Indian Army irrespective of merit in SSB. 100 vacancies Direct Entry in CDSE for Short Service Commissioned Officers in the Indian Army through direct SSB Interview every year. 2 years age relaxation for NCC 'C' Certificate holders in 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. The course curriculum is 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.



GENERAL ELECTIVE NCC

Semester	Course	Course Name	Course Code	Credit
I	Generic Elective I	National Cadet Corps(Army Wing) Theory - I	NCG 1.11	4
		National Cadet Corps(Army Wing) Practical I	NCG 1.12	2
II	Generic Elective II	National Cadet Corps(Army Wing) Theory - II	NCG 2.11	4
		National Cadet Corps(Army Wing) Practical-II	NCG 2.12	2
III	Generic Elective III	National Cadet Corps Specialised Paper(Army Wing) Theory - III	NCG 3.11 (A)	4
		National Cadet Corps Specialised Paper(Army Wing) Practical -III	NCG 3.12 (A)	2
IV	Generic Elective IV	National Cadet Corps Specialised Paper(Army Wing) Theory - IV	NCG 4.11 (A)	4
		National Cadet Corps Specialised Paper(Army Wing) Practical - IV	NCG 4.12 (A)	2

Semester	Course	Course Name	Course Code	Credit
I	Generic Elective I	National Cadet Corps(Air Wing) Theory - I	NCG 1.11	4
		National Cadet Corps(Air Wing) Practical- I	NCG 1.12	2
II	Generic Elective II	National Cadet Corps(Air Wing) Theory - II	NCG 2.11	4
		National Cadet Corps(Air Wing) Practical -II	NCG 2.12	2
III	Generic Elective III	National Cadet Corps Specialised(Air Wing) Theory - III	NCG 3.11 (B)	4
		National Cadet Corps Specialised(Air Wing) Practical - III	NCG 3.12 (B)	2
IV	Generic Elective IV	National Cadet Corps Specialised Paper(Air Wing) Theory - IV	NCG 4.11 (B)	4
		National Cadet Corps(Air Wing) Practical - IV	NCG 4.12 (B)	2

FACULTY PROFILE:

1. Lieut. T K Medoweu ANO
2. Lieut. Savilie Yhor ANO
3. Dr. Visüzoto Valeo CTO



LIBRARY

- | | |
|--------------------------------|-------------------|
| 1. Mr. Noketo Pusa, MLISc, NET | Librarian |
| 2. Mr. Mhasilevi Peseyie | Library Assistant |
| 3. Mr. Kevisesilie Peseyie | Library Bearer |

IT & COMMUNICATION

- | | |
|--------------------------|----------------------|
| Er. Neilhite Kapfo, B.E. | System Administrator |
|--------------------------|----------------------|

MINISTERIAL STAFF

- | | |
|--------------------------------|-------------------------------|
| 1. Mr. Ketholetuo Peseyie | H.A. |
| 2. Mrs. Ajungla Longkumer | U.D.A. |
| 3. Mr. Vemutha Chakhesang | Accountant |
| 4. Mrs. Teisovi-ü | Stenographer |
| 5. Mrs. Neimeseü Mero | U.D.A. |
| 6. Mrs. Sentijungla Imsong | L.D.A. |
| 7. Mrs. Imchanaro | Typist |
| 8. Mrs. Vikedono Justine Zinyü | L.D.A. cum Computer Assistant |
| 9. Mr. Amudo Nenuh | L.D.A. cum Computer Assistant |
| 10. Mr. I. Imliwapang | L.D.A. cum Computer Assistant |
| 11. Ms. Ruuvonuo Chielie | L.D.A. cum Computer Assistant |
| 12. Mr. Sukho Domeh | L.D.A. cum Computer Assistant |
| 13. Mr. Zapota Kezo | U.D.A. |

SENIOR TECHNICIANS

- | | |
|--------------------------------|--------------|
| 1. Ms. Vikehienu Ltu, M.Sc. | Anthropology |
| 2. Ms. Phejin Konyak, M.Sc. | Botany |
| 3. Ms. Lipoklemla Jamir, M.Sc. | Geology |
| 4. Ms. Khrüvonuo Kiso, M.Sc. | Physics |
| 5. Ms. Yangthei Y, M.Sc. | Zoology |

LABORATORY ASSISTANTS

- | | |
|-----------------------------|---------------------|
| 1. Mr. Zhasakhoto Peseyie | Zoology |
| 2. Mrs. Khrielienu Suokhrie | Geology |
| 3. Mrs. Vidilhuno Peseyie | Geology |
| 4. Ms. Mendila Aier | Chemistry |
| 5. Mr. Keneikiekho Nakhro | Physics |
| 6. Mr. Rhinyi | Herbarium Assistant |
| 7. Mrs. Rokozhano Nisa | Geography |
| 8. Mrs. Vizomenuo | Anthropology |
| 9. Mr. Bovito Chopi | Physics |
| 10. Mrs. Meyatula Longkumer | Botany |
| 11. Mr. Neilakuolie | Chemistry |
| 12. Mr. Neilako Nakhro | Statistics |



Government of Nagaland
OFFICE OF THE PRINCIPAL : KOHIMA SCIENCE COLLEGE
 (an Autonomous Government P.G. College)
 Jotsoma, Nagaland

ACADEMIC CALENDER 2023

Sl No	Event	Date		Day
1	Commencement of Even Semester	31 Jan		Tue
2	Readmissions to Even Semesters	06 Feb	to 15 Feb	Mon to Wed
3	Origin Fest: The Cultural Day	10 Mar		Fri
4	Submission of Internal Assessment Marks	26 Apr		Wed
5	Parting Social	29 Apr		Sat
6	Boards of Studies Meetings	Apr/Oct		
7	Academic Council Meeting	May		
8	Publication of Qualified List	05 May		Fri
9	Form Filling for End Semesters Examinations	08 May	to 12 May	Mon to Fri
10	Even End Semesters Examinations (Theory)	15 May	to 03 Jun	Mon to Sat
11	World Environment Day	05 Jun		Mon
12	Result preparation & declaration Fieldworks / Dissertations / Skill Enhancement / Vocational Courses	05 Jun	to 16 Jun	Mon to Fri
13	Commencement of Odd Semesters	18 Jul		Tue
14	Readmissions to Odd Semesters	18 Jul	to 28 Jul	Tue to Fri
15	Students' Union Election	08 Aug	to 11 Aug	Tue to Fri
16	Freshers' Social	19 Aug		Sat
17	College Foundation Day/Annual Alumni Lecture	15 Sep		Fri
18	Submission of Internal Assessment Marks	17 Oct		Tue
19	Publication of Qualified List	26 Oct		Thu
20	Form Filling for End Semesters Examinations	30 Oct	to 03 Nov	Mon to Fri
21	Academic Council Meeting	Nov		
22	Odd End Semesters Examinations (Theory)	06 Nov	to 30 Nov	Mon to Thu
23	National Education Day	11 Nov		Sat
24	Result preparation Fieldworks / Dissertations / Skill Enhancement / Vocational Courses	02 Dec	to 13 Dec	Sat to Wed
25	WinFest	06 Dec	to 12 Dec	Wed to Tue

Sd/-

Dr Temjenwabang
Principal

Copy to:

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Dr Temjenwabang
Principal

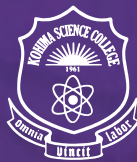


THE COLLEGE

Anthem

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.

MR. KIREMWATI AO
Former Principal
Kohima Science College



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AN AUTONOMOUS GOVERNMENT P.G. COLLEGE
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