

## Programme Objectives and Outcomes

Sl. No.	Code	Programme	Objectives and Outcome
1.	UGA01	B.A. (Bhutia Hons.)	Bhutia language was granted recognition as official language by State Govt of Sikkim in 1978, subsequently this language has been taught as a subject from nursery level to upper classes in govt schools as well in private schools. In the year 2000 Bhutia language was introduced in UG level as MIL and from year 2007, it had been upgraded to elective subject. Recently, from 2012 onwards it has been merged in the list of Honours subject. The objective of the course is imparting the knowledge of the Language and its ideologies to the students. In the Undergraduate course, emphasis is placed on both Prose and Grammar of the Language. The students are familiarized texts and encouraged to develop writing skills throughout the six semesters. After the completion of the course the students can opt to teach the language in the State, Pursue higher education, take active part in the conservation of the language.
2.	UGA02	B.A. (Lepcha Hons.)	The objective of the course is to enable the students to read, write and Lepcha language so as to enable them to understand the essence of one of the rarest languages in world. After completing the course students will have an idea on importance of language and literature in general. The unique and diverse aspects of Lepcha language, literature, history, culture, religion and folklores included in the syllabus will arouse curiosity amongst students to further explore and document the topics mentioned. The study of different genre of literature will make students capable of composing stories, poem and plays etc. of their own. It will enrich the content of the course in future.
3.	UGA03	B.A. (Limboo Hons.)	Learning outcome of Limboo honours student state that they are expected to be able to achieve completion of their course successfully and to get right path and guidance for their bright future. After completing 6 <sup>th</sup> semester with honours paper, most of the students will opt for higher studies from different Universities. While

			some of the students will join a job either government or private sector and some of them are likely to become self-entrepreneur, to do literary work for the community, social work etc. using their extensive and coherent knowledge.
4.	UGA04	BA (Nepali Hons.)	After completing the course designed for Nepali Honours students will understand the idea of Oriental and Western literary theory, knowledge of various genre of literature, Tradition & Trends of Criticism and Nepali critics, introductory idea of general linguistics and the Nepali language. Students also obtain knowledge about Folklore and Nepali Folklore. The course helps the students to enhance their knowledge regarding research writing, field surveying and literature review.
5.	UGA05	BA English(Hons.)	<p>The Department of English offers three courses in English at the Undergraduate level:</p> <p><b>1. Compulsory English:</b> This is a Compulsory Course of a single paper of 100 marks for all streams of Arts, Science, Commerce and Vocational Course. Students in Commerce and Vocational Courses study this paper in the 1<sup>st</sup> Semester, while Science and Arts study have this paper in the 4<sup>th</sup> Semester. The course offers a course in Language through literature and also includes basic grammar and composition. A successful pursuance of this course will develop their communication skill and improve their ability to speak and write clearly in English. The students will also be able to read and analyze and appreciate literary texts.</p> <p><b>2. Elective English (General):</b> This course comprises three papers of 100 marks each, to be studied in the 1<sup>st</sup>, 2<sup>nd</sup>, and 3<sup>rd</sup> Semester. On the completion of this course a student is expected to have a fair knowledge of the History of English Literature, Literary Forms, Rhetoric and Prosody and Indian Writings in English. A student will acquire the ability to identify and write about periods and movements in literature; recognize genres and different forms of literature. The students are also introduced to Indian Writing in English through selections of canonical texts. Successful</p>

			<p>completion of the course will enable the students to read texts closely. They will develop skills to listen to and read carefully various viewpoints and engage with them critically. They will learn to analyze and appreciate literary texts. They will also be able to situate their own reading in terms of society, religion, caste, region, gender, and politics.</p> <p><b>3.English Honors:</b></p> <p>The BA English Honors comprises nine papers with a total of 900 marks. The first three papers are studied in the first three Semesters, and are common with Elective English. In the 4<sup>th</sup>, 5<sup>th</sup> and 6<sup>th</sup> Semester students study two papers in each semester. This course will enable the students to recognize genres and different forms of literature. They will be able identify periods and movements in literature. This course will expose them not only to traditional British Literature but also to Indian Writing in English, Writings from the North East of India. It also offers them a choice between literatures of other regions, such as South Asian Literature and World Literature. A successful completion of the course will enable them to read closely and to critically analyze and appreciate literary texts. They will be able to place texts in their historical contexts and be sensitive to their social relevance. They will also be able to situate their own reading in terms of society, religion, caste, region, gender, and politics. A successful completion of this course will equip the student with the ability to understand the world, to think critically and clearly about the local and the global through a reading of a variety of literary texts. Successful completion of this course prepares students for careers in teaching, media, advertising, writing, and publishing, and for other fields requiring competent communication skills in English.</p>
6.	UGA06	BA( Education Hons)	<p>The objective of BA Programme in Education are as follows:</p> <p>To enhance an individual's ability to assimilate, evaluate and implement the genuine concept of Education.</p>

			<p>To be informed on current issues in Education.</p> <p>To be acquainted with the philosophical base of Education</p> <p>To have understood the significant issues and trends in contemporary Indian Education</p> <p>To delve deep into the problems in the global context, work cooperatively, respect and accept cultural differences and diversity, solve conflicts non-violently by defending human rights, concern for the environment, and sustainable development by changing lifestyles to protect the environment.</p> <p>To be able to perceive gender equity to allow women to contribute to national and global development</p> <p>To understand and apply learning theories and their educational implications, enhance the knowledge about different aspects of human growth and development and its educational implications</p>
7.	UGA07	BA (Economics Hons)	<p>The papers offered in the undergraduate courses cater to the fundamentals of the discipline. It aims to familiarize the student with the basic concepts and theories of Economics. The courses emphasises on imparting knowledge regarding various quantitative techniques (both mathematical and statistical) with respect to its economic applications.</p> <p>It also prepares the students to understand both the theoretical and empirical techniques applied in the subject.</p> <p>Economics being an applied subject, the course includes training the students to write term papers on various current economic issues and develop economic reasoning.</p>
8.	UGA08	BA (History Hons.)	<p>Under Graduate Syllabus of History allows the students to get an understanding of Evolution of Indian History and its Culture through the ages, as well as the Comparative Studies of the history of the world.</p> <p>Further they get to know about their Regional history from the Primary Sources which motivates them towards Research.</p> <p>After the completion of the course the Student can pursue higher education as a scholar in</p>

			History or choose from a wide range of careers in publishing, archive work, museum curator etc.
9.	UGA09	BA (Geography Hons.)	<p>The course enables the students to locate and comprehend relationships between the natural, social and cultural environment. The subject develops an understanding based on observation, illustration, theories, concepts, field work, practical etc. drawn from lived experiences, rather than abstractions.</p> <p>The main aim is to enhance the cognitive capacity and resourcefulness to make the students curious about social and physical phenomena and their relationships. They are encouraged to critically address gender concerns and issues of equality and justice, and respect for human dignity and rights.</p> <p>The main purpose is to seek information and extend students ideas and understanding.</p> <p>The UG Geography syllabus gives a matrix of themes and sub-themes through the three years of course, the outcomes of which will help in developing technological and quantitative skills at later stages.</p>
10.	UGA10	BA (Political. Science Hons.)	<p>The fundamental idea of higher education is to bring about all round mental development in the students. All round mental development is a comprehensive idea which includes different aspects such as over all knowledge of the topic, understanding, analysis, application and evaluation. When the students complete their sixth semester with Honors paper in Political Science, they are expected to be all rounder in terms of knowledge, potential to understand matter, capable of analyzing the issue, application of the knowledge in a given situation and the potential to evaluate the matter. Thus, we can say that these are the basic traits that one can develop while studying in the college. In other words, higher education takes the students towards more independent thinking and judgement.</p>
11.	UGA11	BA( Physical Education Hons.)	Physical Education as a subject helps the students to understand the values and ethics of life and personality development.

			<p>This subject helps them to know about health aspects and maintain good health and fitness for higher achievements in sports.</p> <p>The students can better understand the importance of physical education by studying the history, education and sports psychology. The subject helps the students to understand the psychological aspects included in sports for good performance. This course helps the students to know more about the human body which helps them for higher level of sports achievements and adopt training method. Specific papers such as Kinesiology I, Biomechanics II aid the students to better understand the body movement in sports and the body mechanism for higher achievements.</p>
12.	UGA12	BA( Travel and Tourism Management Hons.)	<p>A Tourism management degree prepares the students for a successful career with the potential to grow into a number of high-level positions. The sheer diversity of the hospitality industry delivers a vast horizon in terms of job prospects. They can opt to go along the hotel management career path, have the desire to run an exotic, remote resort or fancy managing a casino, the choices are limitless. Apart from Hospitality, our graduates have taken roles in sectors as varied as digital technology and event management.</p>
13.	UGA13	BA (Sociology Hons)	<p>The Under Graduate course has been designed to achieve a three-fold objective. Firstly, to familiarize the students with fundamental concept of Sociology. Second, to induct them with Sociological theoretical orientations and thirdly, to equip them with Praxis of ‘Sociological Imagination’ with which they able to critically analyze the Social Reality.</p> <p>The Department also encourages Scholarship in the discipline with the help of paper IX in their final Semester. Where the students work on their Field Work Report on the basis of both secondary and empirically collected data.</p> <p>The target outcome of the course is academic skill enhancement of the students in order to prepare them to become good scholars as well as increases their overall employability.</p>

14.		BA Eastern Himalayan Studies	<p>Eastern Himalayan Studies is one of the compulsory papers designed to fulfil under graduate programme particularly in one semester of whole course. This paper deals with the demarcation and divisions of Eastern Himalayan Region along with their geographical phenomenon.</p> <p>Further it makes the students well acquainted with different aspects such as:  Historical background, society and culture, political dimensions, Economy and livelihood, and various environmental issues etc. of the region</p>
15.		BA Environmental Science	<p>The objective of Environmental studies teaching-learning as a compulsory paper in undergraduate level is to enable the students to learn about the environment-by developing an awareness of the natural, social and cultural environment. The subject connects the students to the world about situation and future prospects of nature and also fosters good nutrition, sensitivity, appreciation and respect for the environment.</p>
16.	UGS01	BSc. (Physics Hons.)	<p>After completing the Honours course our Students will have a broad knowledge of Physics, Mathematics, Electronics and Computers .They can compete for any National Level Exam or apply for any University and Prestigious Institute for MSc and higher studies.</p>
17.	UGS02	BSc (Chemistry Hons.)	<p>A student completing B.Sc. Chemistry will be able to:</p> <p>Have sound knowledge, strong foundation and the ability to understand essential facts, concepts, principles, phenomena and current scientific theories in different branches of chemistry.</p> <p>Apply the knowledge acquired to understand, interpret, analyse mathematical derivations, numerical problems and solve qualitative and quantitative problems.</p> <p>Demonstrate skills in the evaluation and interpretation of chemical information and data.</p> <p>Acquire the laboratory skills needed to design and interpret chemical research in laboratories and industries.</p>

			Expose themselves to employment opportunities in diverse fields.
18.	UGS03	BSc (Mathematics Hons.)	<p>Students of B.Sc. Mathematics Honours, upon the completion of the six-semester course which consists of nine papers from different branches of Mathematics are expected to be able to achieve the following:</p> <p>Develop strong understanding of the fundamental topics in Mathematics, be able to understand and write their own proofs of the simpler theorems.</p> <p>Apply Mathematical ideas in real world problems.</p> <p>Be able to think critically and analytically to solve Mathematical problems as well as real world problems.</p> <p>Be able to solve more advanced problems in Calculus, Geometry, Algebra etc.</p> <p>Be able to express their mathematical ideas not only amongst the peers but also to a larger audience.</p> <p>Use computer programming to solve problems.</p> <p>Be prepared to pursue a research or career in Mathematics or allied fields by pursuing higher studies.</p> <p>Uphold high ethical and moral standards and contribute towards the development of society by using the knowledge they have attained.</p> <p>Perform in entrances like JAM etc.</p> <p>As our state has a crunch of trained manpower in Mathematics in various sectors, so we expect our students to address that shortage.</p>
19.	UGS04	Bsc.( Zoology Hons.)	<p>The course is oriented towards equipping the honour students with the latest techniques of molecular biology. This objective is especially achieved after attending the Hands on training and workshops under Bio tech hub. They are also provided with the certificate of such training from the Coordinator of Biotech Hub which is an additional qualification to their Honors degree .</p>
20.	UGS05	BSc (Botany Hons.)	<p>Botany is essentially an outcome-oriented and curiosity-driven subject. The platform aims at equipping the graduates with necessary skills for botany-related careers, careers with general</p>



			<p>graduate-level aptitude and for higher education in Botany and allied subjects.</p> <p>Students will acquire core competency in the subject Botany, and in allied subject areas.</p> <p>The course will enable students to identify major groups of plants (angiosperms and gymnosperms) and compare the characteristics of algae, fungi, bacteria and viruses).</p> <p>The students will be able to explain various plant processes and functions, metabolism, concepts of gene, genome and how organism's function is influenced at the cell, tissue and organ level.</p> <p>Students will be able to understand adaptation, development and behaviour of different forms of life.</p> <p>Students will be able to demonstrate the experimental techniques and methods of their area of specialization in Botany.</p> <p>An increased understanding of fundamental concepts and their applications of scientific principles is expected at the end of this course.</p> <p>Effective communication and collaborate with other disciplines by effectively communicating the fundamental concepts of Botany in written and oral format.</p> <p>Documentation and report writing on experimental protocols, results and conclusions, study tours and filed visits etc. They can be part of reputed organisation as a plant explorer, Conservationist, Ecologist, Ethno-botanist, environmental consultant, horticulturist, plant biochemist, nursery manager, molecular biologist, plant breeder, taxonomist, plant pathologist, microbiologist, environmental consultant etc. With due completion of the course the students can compete for national as well as international exams, join Govt/private organisation, teach biology in schools or opt for MSc-PhD courses.</p>
21.	UGC01	B.Com (Hons.)	<p>The B. Com. Programme enables students to be acquainted with the latest developments in the field of commerce. The accounting aspect is aimed at imparting the students the knowledge</p>

			<p>of accounting sufficient enough to make them easily employable after the completion of the course.</p> <p>Students aspiring for higher studies can also benefit from the programme since it covers many aspects in business education.</p>
22.		BVoc.	<p><b><u>Program Outcomes (PO's) Bachelor of Vocation (B.Voc.) Software Development</u></b></p> <p>PO1. The B.Voc. programme is focused on universities and colleges providing undergraduate studies which would also incorporate specific job roles and their NOSs along with broad based general education.</p> <p>PO2.This would enable the graduates completing B.Voc. to make a meaningful participation in accelerating India's economy by gaining appropriate employment, becoming entrepreneurs and creating appropriate knowledge.</p> <p>PO3. Bachelor of Vocation (B.Voc.) will train students in areas such as – database management, operating system, internet technology, programming, networking technology etc.</p> <p><b><u>Course Outcomes (CO's):Bachelor of Vocation (B.Voc.) Degree inSoftware Development</u></b></p> <p><b>Semester 1 and 2:Web Developer</b></p> <p>CO1. Able to develop knowledge, skills and competence in IT sector.</p> <p>CO2. Able to assist in performing website construction and testing entry level tasks in the IT services industry.</p> <p>CO3. Able to contribute to the design of website and web products and applications.</p> <p><b>Semester 3, 4,5 and 6: Software Developer</b></p>

			<p>CO1.Able to contribute to design of software products and applications.</p> <p>CO2.Able to develop software code to specification.</p> <p>CO3.Able to provide data/ information in standard forma.</p> <p>CO4.Able to work effectively with colleagues and manage work to meet requirements.</p>
23.		BVoc Pharma Chem	<p>B.Voc, Pharmaceutical chemistry is skill based subjects there are two components in pharmaceutical chemistry skill Components and General components.</p> <p>Upon completion of the course students will be able to get the job in pharmaceutical companies.</p> <p>Students can describe the overall process of drug discovery and the role played by medicinal chemistry in this field.</p> <p>Students can get idea of different subjects like chemistry, pharmacology, pharmacognosy, medicinal chemistry, biochemistry, etc. which has been applying in different fields.</p> <p>Upon completion of the course the students can write the structure, formula of of any compounds of chemistry.</p> <p>Understand the basis of different dosage forms in pharmaceutics.</p>
24.	PGPHY	MSc Physics	<p>After completing Post Graduate in Physics our students will have broad and deep knowledge of Modern Physics. They can compete for UPSC Exam or any Exam in National and State level. They can compete for NET and SLET exam and apply for PhD in any Prestigious institute.</p>
25.	PGMAT	MSc Mathematics	<p>Students of M.Sc. Mathematics, upon the completion of the four semester course which consists of sixteen papers from different branches of Mathematics are expected to :</p> <p>Develop strong understanding of the advanced topics in Mathematics.</p> <p>Be able to understand and self construct proofs of theorems.</p>

			<p>Be able to formulate a hypothesis, evaluate and validate results and to be able draw their own conclusions.</p> <p>Apply Mathematical ideas in real world problems.</p> <p>Be able to think critically and analytically to solve Mathematical problems as well as real world problems.</p> <p>To have sufficient knowledge in the topics such as Topology, Analysis, Algebra etc.</p> <p>Be able to express their mathematical ideas not only amongst the peers but also to a larger audience.</p> <p>Use computer programming to solve problems and prepare to pursue a research or career in Mathematics and allied fields</p> <p>To be able to apply Mathematical techniques, tools and methods in other fields.</p> <p>Uphold high ethical and moral standards and contribute towards the development of society by using the knowledge they have attained.</p> <p>As our state has a crunch of trained manpower in Mathematics in various sectors, so we expect our students to address that shortage.</p>
26.	PGHIS	MA History	<p>The students of the Post Graduate Courses focus on the Methodology of history writing and understand the recent approaches towards History. The Scholars at this stage benefit from wide ranging theoretical issues having global impact thereby increasing their perspective. The interest in further research is activated by taking specialization in the field of their choice leading to new researches and published works clearly indicating upward mobility of these young minds.</p>
27.	PGECO	MA Economics	<p>There are in total 16 papers which a student must study in the two years programme. The papers are classified as core and elective. The syllabus is designed in such a way that a student of PG is expected to know the advanced economic theories and its applications. There are several quantitative papers in the course and students choosing those papers are expected to develop skills on data analysis. Students are also expected to explain economic problems in quantitative terms and also have a sound understanding of statistical software.</p> <p>Students are also expected to have a basic idea of research methodology and write dissertation</p>

			<p>on any economic issues. So, holistically a student of post graduation is expected to have a firm foundation of theories, data analysis and research.</p>
28.	PGENG	MA English	<p>The MA English Program under Sikkim University is a 16 credits program, to be completed in four semesters. It consists of 16 papers of 100 marks each with four papers in each semester, including a dissertation in the fourth semester.</p> <p>A successful completion of this MA English program will provide a student with a comprehensive knowledge and understanding of not only English Literature but also of the linguistic-cultural richness of India through their study of courses in Indian Writing in English and English Writings from the North East of India. The students are exposed to a wide perspective on literary theory and criticism, which will develop their capability to apply analytic thought and evaluate and form coherent arguments and apply their learning in real life. The final semester Dissertation will teach the students to work independently, identify appropriate resources required for a project, and manage a project through to completion. They will develop the ability to share the results of academic and disciplinary learning through different forms of communication such as essays, dissertations, reports, findings, notes, etc, on different platforms of communication such as the classroom, the media and the internet.</p> <p>An important outcome expected of this program is to cultivate a better understanding of values through the knowledge received – both literary values that will help them in literary judgment and also values of life.</p> <p>They will be able to place texts in their historical contexts and be sensitive to their social relevance. They will also be able to situate their own reading in terms of society, religion, caste, region, gender, and politics. A successful completion of this course will equip the student with the ability to understand the world, to think critically and clearly about the local and the global through a reading of a variety of literary texts. Successful completion of this course prepares students for careers in teaching, media,</p>

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