

শুৱালকুছি বুদৰাম মাধৱ সত্ৰাধিকাৰ মহাবিদ্যালয়,শুৱালকুছি SUALKUCHI BUDRAM MADHAB SATRADHIKAR COLLEGE, SUALKUCHI



Affiliated to Gauhati University



Supporting Documents for NAAC Self Study Report (SSR)

(3rd Cycle)

Period: 2018-2023

Criterion – 1	Curricular Aspects
Key Indicator – 1.3	Curriculum Enrichment
Metric No. 1.3.1	Institution integrates
	crosscutting issues relevant to
	Professional Ethics, Gender,
	Human Values, Environment
	and Sustainability in
	transacting the Curriculum

Submitted by: SBMS College, Sualkuchi

Syllabus of various papers which integrates relevant crosscutting issues in the curriculum

CROSS CUTTING ISSUE

DEPARTMENT OF ASSAMESE

The issues of gender, environment, sustainability, human values and professional ethics are widely included in the undergraduate courses of Assamese subject curriculum.

- Being the subject in the form of language, literature and culture, the curriculum teaches gender studies in prose and poetry (paper 2.01 and 5.03 in NON-CBCS Major course and paper ASM-HC-3016, ASM-HC-3026, ASM-HC-4036, and ASM-HC-6016 Major course and ASM-RE-6026 in regular course in CBCS course.
- Environment related issues are incorporated in the syllabus of 6th semester (paper 6.06) in NON-CBCS course and 3rd semester (paper ASM-HC-3036) in CBCS course.
- The skill paper of CBCS course in semester 3rd and 4th in Honors course (Bybaharik Asomiya [Applied Assamese] and Srijanimulak Xahitya [Creative literature]) and semester 3rd, 4th, 5th and 6th in Regular course (Bybaharik Asomiya[Applied Assamese], Srijanimulak Xahitya [Creative literature], Abritti Kala [Technique of Recitation] and Abhijojana [Adoptation] teach the students about professional ethics.
- The project paper of semester 4th of NON-CBCS curriculum (paper 4.03) touches the various socio-economic and ethnic aspects including human values as it was project based paper.
 Again in the 6th semester of CBCS programme, a paper ASM-HE-6056 touches the same aspect. In this paper the department enjoys the liberty to teach human values to the students under project based theme.
- To uphold the knowledge of integrity, unity and brotherhood the curriculum encourages the students in the participatory approach of youth festival, NSS, NCC and other regular programmes.

Sd/-

Atul Chandra Das HoD, Department of Assamese.

Head of the Department

ASJAME -F

SHALKHOHI

DEPARTMENT OF BOTANY

1.34 Institution Integrates cross cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethic into the Curriculum

ESTD-1953

"Environmental issues" and "sustainable development" (viz. Biodiversity, Environmental Pollution, Herbal medicine, Ethno-botany, Bio-fertilizer, Environmental Impact Assessment (EIA) etc. are included in the syllabus). Besides the routine classes we the Botany department have conducted many environment related programs/works periodically and few of them are highlighted bellow;

 On 24th and 25th June, 2016 organized a National Seminar on "Alternative Approaches in Agriculture for Sustainable Environment & Human Health. In the seminar researchers from different institutes presented their research works on Sustainable Agriculture. Similarly an awareness and interaction program was conducted among the local farmers and concerned experts to popularized the concept of sustainable Agriculture.

2. Department of Botany celebrates the World Environment Day regularly. On 5th June 2017 we have invited prominent environmentalist & Green Oscar Awardee Dr. Purnima Devi Barman to share her experiences among our college community. On 2018 we have organized a invited lecture program on the global theme "Beat Plastic Pollution". In 2019 World Environment day was celebrated with the agenda - Plantation Program and awareness program on the minimization of single use plastic materials. During the COVID -19 pandemic periods we observe the day with the plantation program among the students and teachers on their own places. On 5th June 2021 a video lecture was prepared by HoD on the Global theme of WED, 2021- "Restoration of Ecosystem" and shared among the students to decipher the concept among them.

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We periodically conducted field trips among the students for biodiversity studies in different phyto-geographic areas of NE region. Similarly conducted field studies in surrounding different agro-ecosystems to decipher knowledge of sustainable agriculture.

 Department of Botany in collaboration with Dept. of Chemistry prepared hand sanitizer during the initial stage of COVID-19 pandemic period (on 20 -03 -2020) and provided to local people by the college community.

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> 25 2.22 25 Part of Brotery Supplication

Department of Chemistry, SBMS College

Report on Activities with regard to cross-cutting issues

There are a number of topics incorporated in the Gauhati University UG syllabus for Chemistry which touches a spectrum of crosscutting issues related to two major component of biological environment, viz. soil and water as well as human health from the perspective of food and beverages. Worth noting among them are—Analysis of (macronutrients, carbohydrates,lipids, protein) in food product, Analysis of adulterants in food items (milk, chilli powder, turmeric powder), Analysis of soil (pH, nutrients etc), Analysis of water (hardness, pH etc), Fluoride and arsenic removal methods, Measurement of pH of different solutions like aerated drinks, fruit juices, shampoos and soaps. These topics are dealt with a comprehensive project activity by the students with a focus on locally available samples. In addition to these activities students and teachers of the Dept. of Chemistry were involved in a host of activities related to spreading of science education, human values and environment protection as listed below-

- 1.Organizing a national seminar on 'Future of Muga and Pat Industry in Sualkuchi area of Assam, he topic and the outcome of the seminar the seminar volume entitled 'Golden Thread" (ISSN No-9789381069950) is highly significant from the perspective of the current state of the textile industry of Sualkuchi area in particular and the entire Assam in general.
- 2. Efforts made in popularizing science and scientific temperament among local school children and residents of nearby villages through-
- a) Hands-on demonstration of laboratory equipments and procedures of curricular relevance of the school students
 b) Organizing street play (in collaboration with Assam Science Society) for imbibing scientific temperament among locals of nearby villages.
- 3. Preparation and distribution of Hand Sanitizer among local people during COVID-19 pandemics period.
- 4. Setting up and maintenance of laboratory waste management plant for all departments in the college campus.

Details of Outreach/Extension Programmes (attached in the Department profile)

SI No	Date	Name of Programme	Liist of Beneficiary Institution/ Locality	Collaboration	Funding Agency
1	05/05/16, 14/05/16, 23/05/16 to 25/05/2016 and 9/11/19-10/11/19	Popularisation of Science among secondary level students by familiarizing and imparting hand on experiences on basic laboratory equipments and procedures	Sankardev Sishu Niketan, Bangshar, Ganesh Das High School, Sualkuchi, Boys High School, Sualkuchi Kaliram Karikar Girls High School, Sualkuchi Angels' English School, Sualkuchi Sankardev Sishu Niketan, Sualkuchi	IQAC, SBMS College	DBT, GOI
2	10 th Aug,2017 Awareness programme against superstitions, Street Play		Bathan Area	Assam Science Society	Assam Science Society
3	14/3/2020 Science Poularisation prograame through Street Play		Sualkuchi Area	Assam Science Society	Assam Science Society
4	20/3/2020 Preparation of Hand Sanitiser and Distribution among local people		Sualkuchi and its neighbouring villages	1. Dept of Botany 2. IQAC, SBMS College	DBT, GOI

Department of Chemistry S.B.M.S College Sualkuch

Department of Education SBMS College, Sualkuchi <u>Cross Cutting Issues</u>

Following Topics are included in our education syllabus such as -

- Education for women equality and empowerment & Education and Human Right in Semester III paper: 3.01 (Non CBCS).
- Environmental Education, Population Education, Sustainable Development in Semester IV, Paper 4.02 (Non CBCS).
- 3. Teacher Education, Semester Paper 5.03(Non CBCS).
- Education thinkers Oriental & Occidental, Semester V, Paper 5.02(Non CBCS).
- Vocational guidance, Educational guidance, Relationship between guidance and Counselling in Semester VI, Paper 6.04(Non CBCS).
- Gender inequalities in school and society, constitutional provision and Rights of women, Status& role of women. The new roles of men and women & its Implication in semester VI, paper: EDU-HE-6046(CBCS)
- Children with Learning Disability, Children with Intellectual Disability, PhysicallyChallenges Children in Semester VI, Paper: EDU-HE-6026(CBCS)
- Mental Hygiene, Education and Mental levels of Education, Structure and Organization of Teacher Education in India in Semester V, Paper:EDU-HE-5046(CBCS)
- 9. Project work in semester VI, Paper L:EDU-HC-6026(CBCS)
- Teacher Education for Different levels of Education, Structureand Organization of Teacher Education in India in semester V, Paper: EDU-HE-5046(CBCS)
- Human Right and Marginalized section, Role of Advocacy Groups for promotion of Human Rights, United Nation and Human Rights in semester V, paper: EDU-HE-5036 (CBCS)
- Environmental Education and population Education, Multicultural Education and Alternative Education, Social inequality in Education and Constitution Safeguards in Semester IV, Paper:EDU-HC-4036(CBCS)
- 13. Great Education Thinkers in semester IV, paper: EDU-HC-4016(CBCS)
- Value Types of value, valueeducation, peace education challenges of peace education and role of Different Organization in semester III, Paper: EDU-HC-3036(CBCS)
- Models of teaching, Methods&techniques of teaching, Information and communication Technology in teaching learning in Semester III, paper: EDU-HC-3026(CBCS)
- Philosophy &Education, Various schools of Philosophy and education, various western schools of philosophy and education in semester II, Paper: EDU-HC-2016(CBCS)

Through teaching of all these topics as per Syllabus by lecture method, Seminar, Project and Experiential learning students are equipped to gather knowledge and cultivate values for leading a healthy personal and social life. These kind of teaching helps to prepare future generation of the society for a democratic life.

Besides these through Psychological laboratory practical students can acquire practical knowledge regarding Human behavior.

However, through the skill paper like

- I. Public Speaking, Students are given practical teaching regarding the skill of public speaking.
- Writing bio-data and facing an interview, throughthis skill paper student are taught to write a bio-data Scientifically and to face different types of interview Confidently.
- III. Extension activities: Through this skill paper student are taught how to do extension activities like Swachha Bharat Mission, GroupDiscussion, Exhibition, Campaigning etc.
- IV. Development teaching skill: Through this skill paper student are taught to understand about different teaching skill, which are used in class room Transaction.

Department of English

1.3.1. Institution integrates cross cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum:

The Department of English, SBMS College, incorporates various cross cutting issues relevant to Gender, Environment and Sustainability, Human Values and Ethics, etc. through the transaction of its syllabus. English Major Course entails these issues on gender sensitivity, race and culture, environment and sustainability through the projection of nature, human values, etc.

- The 5th Semester syllabus on "Women's Writing" gives ample illustrations to sensitize our students about gender oppression, equity, feminism, patriarchy, class and racial perspective, etc. It expects students to look at the way a woman writer participates, women's relations with men and with other women and empowering them by finding their own voices and roles in society. Students are exposed to women's issues and interests, the condition of the writer and relate them with their own specifically gendered experiences.
 - Moreover, in General English as well as Alternative English, prescribed poems and prose pieces deal with gender issues and other cross cutting areas.

In order to inculcate the gender sensitivity issue, the department organised a periodical lecture on Feminism and Literature on 15/11/2016. Similarly on 6/2/2018, the students of the department along with the faculty members took out a rally with the theme "New India: Let Us together Pledge" (Beti Bachao, Beti Padhao)" through the streets of greater Sualkuchi area on the occasion of the College Week of the institution in order to create an awareness among the local people about the importance of girl child in society.

- To promulgate awareness about the environment and its sustainability, students are exposed to eco-critical perspective with the help of an earth-centred approach in "Nature" paper. Literature, being the manifestation of culture, addresses the understanding of nature or the relationship between nature and culture over the ages. Semester 2nd entails romantic poets like William Wordsworth (Tintern Abbey and Lucy Poems), Coleridge (Kubla Khan), Shelley (The Indian Serenade) and John Keats (To Autumn), dealing with nature.
- Human values projected through the prescribed pieces of literary writing help to focus the students to be a better human being by inculcating the best human values. Our students internalise them and that's how, our curriculum addresses the cross cutting issues in order to have a sufficient disciplinary knowledge. Our students accordingly engage themselves on such related issues and also thereby acquire the skills to enter careers of their choice. It is our endeavour to acquaint our students to the best of human values and ethics that are embedded in the great classics like The Mahabharata, The Odyssey, Abhignyanam Shakuntalam, The Book of Vanci, etc. as these classics are included in the 1st semester CBCS syllabus. On 11/2/2017, the students of the department along with the faculty members took out a cultural rally with the theme "Unity in Diversity" through the streets of greater Sualkuchi area on the occasion of the College Week of the institution in order to promote national sentiment, unity, amity, universality, and brotherhood in society.

Deptt. of English

S. B. M. S. College, Sualkuchi

CROSS CUTTING ISSUES

Department of History, SBMS College

Following methods are followed by Department of History to address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics.

- 1. Organises Group Discussion, Seminars on Gender issues.
- 2. Lectures are delivered by both Faculties and Students on Historical Personalities and Thinkers.
- 3. Undertaken Field Studies on Environmental Sensibility and responsibilities.
- For better participation and understanding of the Human Values- Seminars, Debates, Quizzes etc are organised.
- 5. Human Values and Professional Ethics are encouraged through Classroom deliberations.
- Environmental and Sustainability education is taught in Skill paper of History Historical Tourism in North-east India.

Cross Cutting Activities of Department of History

A. Professional Ethics:

- Workshop organised for Students on Computer Literacy focussing on' Hands on Practice at the Computers' Dated 21st October to 24th October, 2016.
- An Invited Lecture was organised on Historiography on 3rd November, 2016.
- To celebrate 75th Anniversary of Quit India Movement and 70 Years of India's Independence "Yaad Karo Qurbani" was celebrated on 9th August 2016.
- An Awareness Campaign on Cultural Heritage was organised on 19-03-2018.
- In collaboration with NGO 'Vision Q' our department organised Students Councelling Program on Personality Development on 15th February 2019.
- A National Webinar on "Scope and Dimensions of History" was organised on 4th August 2020.

B.Human Values :

- a. Seminar presentation on Historical Personalities and Thinkers were organised on the occasion of Teachers day $5^{\rm th}$ September 2016.
- b. Departmental Talk on Values and Ethics were organised dated 6th September 2017 on –
- I. Chandragupta Maurya as the First Historical Emperor of India.
- li Muhammad Bin Tughluq as the'Wisest Fool".

- lii Revolt of 1857 as the 'First War of Indian Independence'.
- c. 'Swadesh Adhyayan Quiz Competition' was organised at the instructions of AHSEC by the Department on Dated 24th September 2018.
- d. Departmental Seminar on ' Great Personalities of India' was organised on 6^{th} and 7^{th} September, 2019.
- e. "Aazadi ka Amrit Mahotsav" was celebrated to mark the Anniversary of "Dandi March" by organising Seminar on "Assam's Role in Freedom Struggle" dated 12th March 2021.
- C. Environmental Sustainabilities:
- I. Field Study Trip to Assam State Museum and Regional Science Centre, Guwahati was undertaken on 11th April 2017.
- ii. Excursion to Bhairabkunda by the Department on 23rd October 2017.
- iii. World Heritage Day was celebrated by the Department by visiting places of Historical Tourism to Madhav Temple and Powa Mecca at Hajo, Kamrup on 18th April 2018.

Gender Issues, Environmental Sensibility topics are deliberated through Classroom Transactions and Departmental Seminars.

Gopal Same

DEPARTMENT OF HISTORY S.B.M.S. COLLEGE

CROSS CUTTING ISSUE

DEPARTMENT OF MATHEMATICS

- .° The Major paper of 5th semester & 6th semester in the course of Bi-Mathematics, Probability, the curriculum teaches gender studies in genetics and sample space (paper MAT-HE-6326 and paper MAT-HE-5136) in Major course in CBCS course.
- '. Environment related issues are incorporated in the Syllabus of 1st semester (paper MAT-HC-1016) in Life Sciences in CBCS Course.
- . The Major paper of 1st Semester of CBCS Course (paper MAT-HC-1016), the curriculum teaches the various socio-economic and ethic aspects including human values as it was Calculus (including practical) based paper.
- . To uphold the knowledge of integrity, unity and brotherhood, the curriculum encourages the students in the participatory approach of Youth festival, cultural rally, Field Tour and the regular programmes.

Lailash Sarmah.

HOD Department of Mathematics.

Head/Assit. Prof Deptt. Of Mathematics

S.B.M.S College, Sustkuch

Department of Philosophy

Cross-cutting issues:

- TDC Major and General Course in Philosophy syllabus includes various cross cutting issue like Value education, Women empowerment, Non-violence Sarvodaya, Gita's Niskama Karma, Humanism etc.in non CBCS system.
- In CBCS Honours and regular syllabus also it is included. Semester II, III, V & VI of regular courses has specific papers in this issue.
- Like regular courses, honours courses also cover different issues of value education.
 In Semester I, II, III, IV, V & VI, we discuss such type of topic in wide scope.

All of we know that there are two aspects of human life. One is material aspect and other is spiritual aspect. Today we are giving more importance to material aspect and spiritual aspect is overlooked. But in actual sense development cannot be one sided. Our Indian philosophy always teaches us this with the help of Law of Karma, Buddha's noble eight fold path, Jaina ethics & some other systems by their own views.

In the ethics papers (PHI-HG-3016 & PHI-RC-3016) of semester III, Professional ethics and Environmental ethics are included and students are highly benefited by these knowledge.

Banajil Baishya

Department of Philosophy SBMS College

Department of Physics

S.B.M.S. College, Sualkuchi

Institution integrates cross cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum:

Professional Ethics: The faculty members of the department provide basic principles and ideas on professional ethics, such as transparency, accountability, truthfulness of information and laws against false information, copyright Act, and so on, through their interactions with students in the classroom. Such activities assists students comprehend the ethics of research and scientific writing, allowing them to turn them to their original ideas thoughts into reality.

Gender equality: Through its action and remarks, the department also makes it a point to promote gender equality among students .Both male and female students participate equally in various departmental activities allowing them to maintain a gender—neutral outlook.

Human values: The faculty members of the department always inspire the students to participating in various activities in connection with the development of their future personal life. The students also participate in various activities organized by the institution like art and craft, sports and cultural activities etc. In nurtures them in personality development, helping in the process of becoming good citizens of the country.

Environment and Sustainability: The students of the department are made aware regarding conservation of biodiversity, Energy conservation, significance of tree plantation etc. Projects topics connecting with the causes of climate change, Energy conservation, solar energy, weather forecasting etc. are given to the students.

Inclusion of course curriculum on Environment and Ecosystem:

CBCS/Non CBCS	Paper code	Unit
Non CBCS	PAPER: 501	RENEWABLE ENERGY SOURCES
CBCS	PHY-SE-3064	WEATHER FORECASTING
CBCS	PHY-SE-4074	RENEWABLE ENERGY AND ENERGY HARVESTING
CBCS	PHY-SE-5014	WEATHER FORECASTING
CBCS	PHY-SE-6024	RENEWABLE ENERGY AND ENERGY HARVESTING

Department of Physics

S.B.M.S. College, Sualkuchi.

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Department: Political Science

Cross Cutting Issues

In Non CBCS syllabus (general) different issues like citizenship, rights of the citizens are addressed in 1st semester course. Further in the 2nd semester syllabus, some topics such as sustainable development, moral values in politics for example Gandhi's Nonviolence, swaraj are also discussed.

In Major course also, fundamental rights and duties of Indian citizens, multi culturalism and social justice, globalization, principles and enactment of budget, gender justice are taught.

In CBCS course (Honours) some issues like democratic system in India (POL HC 1026), feminism (POL HC 1016) are also discussed in the 1st semester syllabus. And also in the subsequent semesters different issues like freedom, justice, equality, rights (POL HG/ RC 1016), political system in India, party system

(POL HC 2026), good governance, local self-government, concept and significance of budget, redressal of public grievances, MGNREGA, RTI (POL HC 3026), climate change, human rights, Protection of Human Rights Act:1993(POL HE 5016/ POL HE 6016), gender debates, domestic violence etc.(POL HC 2016) are included.

In consistent with the above mentioned topics, the department organises National Voter's Day on 25th January, birth anniversary of Sardar Vallabhbhai Patel on 31st October, Constitution Day on 26th November and Human Rights Day on 10th December every year. The department also extends whole hearted support to Women Cell for organizing Women's Day on 8th March and to other wings of the institution to make programme effective.

Department of Political Science SBMS College

Sualkuchi

Department of Zoology SBMS College, Sualkuchi

1. Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Professional Ethics: The faculty members of the department through their interaction with the students in the classroom gives such basic ideas on professional ethics e.g., transparency, accountability, truthfulness of information and the laws against the false information, Copy right Act etc. Such type of activities enables students to understand the ethics of research and scientific writings and thereby help them in placing their innovative thoughts and ideas into realities.

Gender equality: The Department also makes it a point to cultivate gender equality among students through their speeches and actions. Both male and female students involve equally in different departmental activities with enthusiasm which helps them to have a gender-neutral perspective.

Human Values: The students of the department also participate in various activities organized by the institution like literary, art and craft, sports and cultural activities etc. It nurtures them in personality development, helping in the process of becoming good citizens of the country.

Environment and Sustainability: The 'World Wetland Day' is observed every year with great enthusiasm. In this context, lectures and seminars are organised to sensitise the students on the conservation of aquatic biodiversity, to aware about the vital role of wetlands for people and planet, the role of the youth in checking environmental pollution, etc. The students of the department are made aware regarding conservation of biodiversity, energy conservation, hazardous waste management and significance of tree plantation etc. In this context, excursion/field trips to different National Parks (Manas National Park, Pabitora Wildlife Sanctuary and Deepor Beel Ramsar Wetland) and other famous wetlands/resort/farm (Chandubi Beel, Jasingfa Aqua Resort-Nagaon, and Sualkuchi Muga Farm) are made to enrich knowledge of the students. Project topics such as study on nesting behaviour of birds, study on ornamental fishes, butterfly diversity, soil insect diversity etc. are given to the final year students.

Different activities performed as follows-

- · Poster making (On the occasion of World Environment Day)
- · Poster presentation on relevant issues
- · Conducted Seminar on 'Biodiversity and Conservation'
- · Tree Plantation (On the occasion of World Environment Day)

Inclusion of course curriculum on Environment and Ecosystem----

CBCS/Non CBCS	Paper Code	Unit
CBCS	Zoo-HC-1026	Principles of Ecology
	Zoo-HC-3016	Diversity of Chordates
	Zoo-HE-6016	Biology of Insecta
	Zoo-HE-6046	Wildlife Conservation and Management
	Zoo-SE-4024	Wildlife Photography and Ecotourism
	Zoo-SE-6014	Wildlife Photography and Ecotourism
	Zoo-RE-6016	Aquatic Biology
Non CBCS	M 202	Wildlife Conservation and Management



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Details of Outreach/Extension Programmes (attached in the Department profile)

SI No	Date	Name of Programme	Liist of Beneficiary Institution/ Locality	Collaboration	Funding Agency
1	05/05/16, 14/05/16, 23/05/16 to 25/05/2016 and 9/11/19-10/11/19	Popularisation of Science among secondary level students by familiarizing and imparting hand on experiences on basic laboratory equipments and procedures	Sankardev Sishu Niketan, Bangshar, Ganesh Das High School, Sualkuchi, Boys High School, Sualkuchi Kaliram Karikar Girls High School, Sualkuchi Angels' English School, Sualkuchi Sankardev Sishu Niketan, Sualkuchi	IQAC, SBMS College	DBT, GOI
2	10 th Aug,2017 Awareness programme against superstitions, Street Play		Bathan Area	Assam Science Society	Assam Science Society
3	14/3/2020 Science Poularisation prograame through Street Play		Sualkuchi Area	Assam Science Society	Assam Science Society
4	20/3/2020 Preparation of Hand Sanitiser and Distribution among local people		Sualkuchi and its neighbouring villages	1. Dept of Botany 2. IQAC, SBMS College	DBT, GOI

Department of Chemistry S.B.M.S College Sualkuch

Department of Education SBMS College, Sualkuchi <u>Cross Cutting Issues</u>

Following Topics are included in our education syllabus such as -

- Education for women equality and empowerment & Education and Human Right in Semester III paper: 3.01 (Non CBCS).
- Environmental Education, Population Education, Sustainable Development in Semester IV, Paper 4.02 (Non CBCS).
- 3. Teacher Education, Semester Paper 5.03(Non CBCS).
- Education thinkers Oriental & Occidental, Semester V, Paper 5.02(Non CBCS).
- Vocational guidance, Educational guidance, Relationship between guidance and Counselling in Semester VI, Paper 6.04(Non CBCS).
- Gender inequalities in school and society, constitutional provision and Rights of women, Status& role of women. The new roles of men and women & its Implication in semester VI, paper: EDU-HE-6046(CBCS)
- Children with Learning Disability, Children with Intellectual Disability, PhysicallyChallenges Children in Semester VI, Paper: EDU-HE-6026(CBCS)
- Mental Hygiene, Education and Mental levels of Education, Structure and Organization of Teacher Education in India in Semester V, Paper:EDU-HE-5046(CBCS)
- 9. Project work in semester VI, Paper L:EDU-HC-6026(CBCS)
- Teacher Education for Different levels of Education, Structureand Organization of Teacher Education in India in semester V, Paper: EDU-HE-5046(CBCS)
- Human Right and Marginalized section, Role of Advocacy Groups for promotion of Human Rights, United Nation and Human Rights in semester V, paper: EDU-HE-5036 (CBCS)
- Environmental Education and population Education, Multicultural Education and Alternative Education, Social inequality in Education and Constitution Safeguards in Semester IV, Paper:EDU-HC-4036(CBCS)
- 13. Great Education Thinkers in semester IV, paper: EDU-HC-4016(CBCS)
- Value Types of value, valueeducation, peace education challenges of peace education and role of Different Organization in semester III, Paper: EDU-HC-3036(CBCS)
- Models of teaching, Methods&techniques of teaching, Information and communication Technology in teaching learning in Semester III, paper: EDU-HC-3026(CBCS)
- Philosophy &Education, Various schools of Philosophy and education, various western schools of philosophy and education in semester II, Paper: EDU-HC-2016(CBCS)

Through teaching of all these topics as per Syllabus by lecture method, Seminar, Project and Experiential learning students are equipped to gather knowledge and cultivate values for leading a healthy personal and social life. These kind of teaching helps to prepare future generation of the society for a democratic life.

Besides these through Psychological laboratory practical students can acquire practical knowledge regarding Human behavior.

However, through the skill paper like

- I. Public Speaking, Students are given practical teaching regarding the skill of public speaking.
- Writing bio-data and facing an interview, throughthis skill paper student are taught to write a bio-data Scientifically and to face different types of interview Confidently.
- III. Extension activities: Through this skill paper student are taught how to do extension activities like Swachha Bharat Mission, GroupDiscussion, Exhibition, Campaigning etc.
- IV. Development teaching skill: Through this skill paper student are taught to understand about different teaching skill, which are used in class room Transaction.

Department of English

1.3.1. Institution integrates cross cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum:

The Department of English, SBMS College, incorporates various cross cutting issues relevant to Gender, Environment and Sustainability, Human Values and Ethics, etc. through the transaction of its syllabus. English Major Course entails these issues on gender sensitivity, race and culture, environment and sustainability through the projection of nature, human values, etc.

- The 5th Semester syllabus on "Women's Writing" gives ample illustrations to sensitize our students about gender oppression, equity, feminism, patriarchy, class and racial perspective, etc. It expects students to look at the way a woman writer participates, women's relations with men and with other women and empowering them by finding their own voices and roles in society. Students are exposed to women's issues and interests, the condition of the writer and relate them with their own specifically gendered experiences.
 - Moreover, in General English as well as Alternative English, prescribed poems and prose pieces deal with gender issues and other cross cutting areas.

In order to inculcate the gender sensitivity issue, the department organised a periodical lecture on Feminism and Literature on 15/11/2016. Similarly on 6/2/2018, the students of the department along with the faculty members took out a rally with the theme "New India: Let Us together Pledge" (Beti Bachao, Beti Padhao)" through the streets of greater Sualkuchi area on the occasion of the College Week of the institution in order to create an awareness among the local people about the importance of girl child in society.

- To promulgate awareness about the environment and its sustainability, students are exposed to eco-critical perspective with the help of an earth-centred approach in "Nature" paper. Literature, being the manifestation of culture, addresses the understanding of nature or the relationship between nature and culture over the ages. Semester 2nd entails romantic poets like William Wordsworth (Tintern Abbey and Lucy Poems), Coleridge (Kubla Khan), Shelley (The Indian Serenade) and John Keats (To Autumn), dealing with nature.
- Human values projected through the prescribed pieces of literary writing help to focus the students to be a better human being by inculcating the best human values. Our students internalise them and that's how, our curriculum addresses the cross cutting issues in order to have a sufficient disciplinary knowledge. Our students accordingly engage themselves on such related issues and also thereby acquire the skills to enter careers of their choice. It is our endeavour to acquaint our students to the best of human values and ethics that are embedded in the great classics like The Mahabharata, The Odyssey, Abhignyanam Shakuntalam, The Book of Vanci, etc. as these classics are included in the 1st semester CBCS syllabus. On 11/2/2017, the students of the department along with the faculty members took out a cultural rally with the theme "Unity in Diversity" through the streets of greater Sualkuchi area on the occasion of the College Week of the institution in order to promote national sentiment, unity, amity, universality, and brotherhood in society.

Deptt. of English

S. B. M. S. College, Sualkuchi

CROSS CUTTING ISSUES

Department of History, SBMS College

Following methods are followed by Department of History to address issues related to Gender, Environment and Sustainability, Human Values and Professional Ethics.

- 1. Organises Group Discussion, Seminars on Gender issues.
- 2. Lectures are delivered by both Faculties and Students on Historical Personalities and Thinkers.
- 3. Undertaken Field Studies on Environmental Sensibility and responsibilities.
- For better participation and understanding of the Human Values- Seminars, Debates, Quizzes etc are organised.
- 5. Human Values and Professional Ethics are encouraged through Classroom deliberations.
- Environmental and Sustainability education is taught in Skill paper of History Historical Tourism in North-east India.

Cross Cutting Activities of Department of History

A. Professional Ethics:

- Workshop organised for Students on Computer Literacy focussing on' Hands on Practice at the Computers' Dated 21st October to 24th October, 2016.
- An Invited Lecture was organised on Historiography on 3rd November, 2016.
- To celebrate 75th Anniversary of Quit India Movement and 70 Years of India's Independence "Yaad Karo Qurbani" was celebrated on 9th August 2016.
- An Awareness Campaign on Cultural Heritage was organised on 19-03-2018.
- In collaboration with NGO 'Vision Q' our department organised Students Councelling Program on Personality Development on 15th February 2019.
- A National Webinar on "Scope and Dimensions of History" was organised on 4th August 2020.

B.Human Values:

- a. Seminar presentation on Historical Personalities and Thinkers were organised on the occasion of Teachers day $5^{\rm th}$ September 2016.
- b. Departmental Talk on Values and Ethics were organised dated 6th September 2017 on –
- I. Chandragupta Maurya as the First Historical Emperor of India.
- li Muhammad Bin Tughluq as the'Wisest Fool".

- lii Revolt of 1857 as the 'First War of Indian Independence'.
- c. 'Swadesh Adhyayan Quiz Competition' was organised at the instructions of AHSEC by the Department on Dated 24th September 2018.
- d. Departmental Seminar on ' Great Personalities of India' was organised on 6^{th} and 7^{th} September, 2019.
- e. "Aazadi ka Amrit Mahotsav" was celebrated to mark the Anniversary of "Dandi March" by organising Seminar on "Assam's Role in Freedom Struggle" dated 12th March 2021.
- C. Environmental Sustainabilities:
- I. Field Study Trip to Assam State Museum and Regional Science Centre, Guwahati was undertaken on 11th April 2017.
- ii. Excursion to Bhairabkunda by the Department on 23rd October 2017.
- iii. World Heritage Day was celebrated by the Department by visiting places of Historical Tourism to Madhav Temple and Powa Mecca at Hajo, Kamrup on 18th April 2018.

Gender Issues, Environmental Sensibility topics are deliberated through Classroom Transactions and Departmental Seminars.

Gopal Same

DEPARTMENT OF HISTORY S.B.M.S. COLLEGE

CROSS CUTTING ISSUE

DEPARTMENT OF MATHEMATICS

- .° The Major paper of 5th semester & 6th semester in the course of Bi-Mathematics, Probability, the curriculum teaches gender studies in genetics and sample space (paper MAT-HE-6326 and paper MAT-HE-5136) in Major course in CBCS course.
- '. Environment related issues are incorporated in the Syllabus of 1st semester (paper MAT-HC-1016) in Life Sciences in CBCS Course.
- . The Major paper of 1st Semester of CBCS Course (paper MAT-HC-1016), the curriculum teaches the various socio-economic and ethic aspects including human values as it was Calculus (including practical) based paper.
- . To uphold the knowledge of integrity, unity and brotherhood, the curriculum encourages the students in the participatory approach of Youth festival, cultural rally, Field Tour and the regular programmes.

Lailash Sarmah.

HOD Department of Mathematics.

Head/Assit. Prof Deptt. Of Mathematics

S.B.M.S College, Sustkuch

Department of Philosophy

Cross-cutting issues:

- TDC Major and General Course in Philosophy syllabus includes various cross cutting issue like Value education, Women empowerment, Non-violence Sarvodaya, Gita's Niskama Karma, Humanism etc.in non CBCS system.
- In CBCS Honours and regular syllabus also it is included. Semester II, III, V & VI of regular courses has specific papers in this issue.
- Like regular courses, honours courses also cover different issues of value education.
 In Semester I, II, III, IV, V & VI, we discuss such type of topic in wide scope.

All of we know that there are two aspects of human life. One is material aspect and other is spiritual aspect. Today we are giving more importance to material aspect and spiritual aspect is overlooked. But in actual sense development cannot be one sided. Our Indian philosophy always teaches us this with the help of Law of Karma, Buddha's noble eight fold path, Jaina ethics & some other systems by their own views.

In the ethics papers (PHI-HG-3016 & PHI-RC-3016) of semester III, Professional ethics and Environmental ethics are included and students are highly benefited by these knowledge.

Banajil Baishya

Department of Philosophy SBMS College

Department of Physics

S.B.M.S. College, Sualkuchi

Institution integrates cross cutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum:

Professional Ethics: The faculty members of the department provide basic principles and ideas on professional ethics, such as transparency, accountability, truthfulness of information and laws against false information, copyright Act, and so on, through their interactions with students in the classroom. Such activities assists students comprehend the ethics of research and scientific writing, allowing them to turn them to their original ideas thoughts into reality.

Gender equality: Through its action and remarks, the department also makes it a point to promote gender equality among students .Both male and female students participate equally in various departmental activities allowing them to maintain a gender—neutral outlook.

Human values: The faculty members of the department always inspire the students to participating in various activities in connection with the development of their future personal life. The students also participate in various activities organized by the institution like art and craft, sports and cultural activities etc. In nurtures them in personality development, helping in the process of becoming good citizens of the country.

Environment and Sustainability: The students of the department are made aware regarding conservation of biodiversity, Energy conservation, significance of tree plantation etc. Projects topics connecting with the causes of climate change, Energy conservation, solar energy, weather forecasting etc. are given to the students.

Inclusion of course curriculum on Environment and Ecosystem:

CBCS/Non CBCS	Paper code	Unit
Non CBCS	PAPER: 501	RENEWABLE ENERGY SOURCES
CBCS	PHY-SE-3064	WEATHER FORECASTING
CBCS	PHY-SE-4074	RENEWABLE ENERGY AND ENERGY HARVESTING
CBCS	PHY-SE-5014	WEATHER FORECASTING
CBCS	PHY-SE-6024	RENEWABLE ENERGY AND ENERGY HARVESTING

Department of Physics

S.B.M.S. College, Sualkuchi.

Chandrama Kalita

Department: Political Science

Cross Cutting Issues

In Non CBCS syllabus (general) different issues like citizenship, rights of the citizens are addressed in 1st semester course. Further in the 2nd semester syllabus, some topics such as sustainable development, moral values in politics for example Gandhi's Nonviolence, swaraj are also discussed.

In Major course also, fundamental rights and duties of Indian citizens, multi culturalism and social justice, globalization, principles and enactment of budget, gender justice are taught.

In CBCS course (Honours) some issues like democratic system in India (POL HC 1026), feminism (POL HC 1016) are also discussed in the 1st semester syllabus. And also in the subsequent semesters different issues like freedom, justice, equality, rights (POL HG/ RC 1016), political system in India, party system

(POL HC 2026), good governance, local self-government, concept and significance of budget, redressal of public grievances, MGNREGA, RTI (POL HC 3026), climate change, human rights, Protection of Human Rights Act:1993(POL HE 5016/ POL HE 6016), gender debates, domestic violence etc.(POL HC 2016) are included.

In consistent with the above mentioned topics, the department organises National Voter's Day on 25th January, birth anniversary of Sardar Vallabhbhai Patel on 31st October, Constitution Day on 26th November and Human Rights Day on 10th December every year. The department also extends whole hearted support to Women Cell for organizing Women's Day on 8th March and to other wings of the institution to make programme effective.

Department of Political Science SBMS College

Sualkuchi

Department of Zoology SBMS College, Sualkuchi

1. Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Professional Ethics: The faculty members of the department through their interaction with the students in the classroom gives such basic ideas on professional ethics e.g., transparency, accountability, truthfulness of information and the laws against the false information, Copy right Act etc. Such type of activities enables students to understand the ethics of research and scientific writings and thereby help them in placing their innovative thoughts and ideas into realities.

Gender equality: The Department also makes it a point to cultivate gender equality among students through their speeches and actions. Both male and female students involve equally in different departmental activities with enthusiasm which helps them to have a gender-neutral perspective.

Human Values: The students of the department also participate in various activities organized by the institution like literary, art and craft, sports and cultural activities etc. It nurtures them in personality development, helping in the process of becoming good citizens of the country.

Environment and Sustainability: The 'World Wetland Day' is observed every year with great enthusiasm. In this context, lectures and seminars are organised to sensitise the students on the conservation of aquatic biodiversity, to aware about the vital role of wetlands for people and planet, the role of the youth in checking environmental pollution, etc. The students of the department are made aware regarding conservation of biodiversity, energy conservation, hazardous waste management and significance of tree plantation etc. In this context, excursion/field trips to different National Parks (Manas National Park, Pabitora Wildlife Sanctuary and Deepor Beel Ramsar Wetland) and other famous wetlands/resort/farm (Chandubi Beel, Jasingfa Aqua Resort-Nagaon, and Sualkuchi Muga Farm) are made to enrich knowledge of the students. Project topics such as study on nesting behaviour of birds, study on ornamental fishes, butterfly diversity, soil insect diversity etc. are given to the final year students.

Different activities performed as follows-

- · Poster making (On the occasion of World Environment Day)
- · Poster presentation on relevant issues
- · Conducted Seminar on 'Biodiversity and Conservation'
- · Tree Plantation (On the occasion of World Environment Day)

Inclusion of course curriculum on Environment and Ecosystem----

CBCS/Non CBCS	Paper Code	Unit
CBCS	Zoo-HC-1026	Principles of Ecology
	Zoo-HC-3016	Diversity of Chordates
	Zoo-HE-6016	Biology of Insecta
	Zoo-HE-6046	Wildlife Conservation and Management
	Zoo-SE-4024	Wildlife Photography and Ecotourism
	Zoo-SE-6014	Wildlife Photography and Ecotourism
	Zoo-RE-6016	Aquatic Biology
Non CBCS	M 202	Wildlife Conservation and Management







On 5th June,2019 World Environment Day was celebrated by the Department of Botany





On 5th June,2020 World Environment Day was celebrated by the Department of Botany





On 8th March,2021 International Women's Day was celebrated





Celebration of World Wetland Day on 2nd February 2022 by the Department of Zoology



Celebration of World Wetland Day on 2nd February 2023 by the Department of Zoology





Celebration of International Mother Language Day on 21nd February 2023 by the Department of Assamese



On 8th March,2023 International Women's Day was celebrated



Orientation Programme for Girl's Students organised by the Women Cell on 20th February 2024