



CHOICE BASED CREDIT SYSTEM COURSES

FOR

AECC - 1 & 2

UNDER BODOLAND UNIVERSITY

AECC-1

SUBJECTS	CODE	PAGE
1. ASSAMESE	ASM	2
2. BODO	BOD	3
3. ENGLISH	ENG	4-5
4. BENGALI	BEN	6
5. NEPALI	NEP	7
6. HINDI	HIN	8-10

AECC-2

SUBJECT	CODE	PAGE
1. ENVIRONMENTAL STUDIES	EVS.	11-13

Ability Enchantment Compulsory Course

Subject: Assamese

AECC: Functional Assamese

Total Credit: 2

Unit-I: Elements of Assamese Grammar: Phonetics and Morphology :
Mark-25

Part of Speech, Noun Pronoun Adjective, person Gender, Suffix , Case, Root, verb.

Unit- II: Application Writing, News Writing, Drafting- Editing, Prof- Reading, Captioning,
Writing of Speech, Essay Writing,
Mark-25

Reference Book:

Presently ,Latest Edition of the following Book are recommended.

Bahal Byakaran : Satyanath Bora.

Asamia Bhasar Byakaran aru Bhashatatva: Kali Ram Medhi.

Asamia Bhasar Moulic Bichar : Golok ch. Goswami

Asamia Rachana Sankalan : Tultul Baruah.

Rachana Bichitra : Dharamasinha Deka.

Ability Enhancement Compulsory Course
Subject: Bodo

Paper Code: BOD 1.04AECC

Paper title: Functional Bodo

Credit -2

Total marks: 50

Unit-1: Introduction to Phonology: 20 marks

Introduction to alphabets and phonemes, exercise of articulation, special phonological and morphological features of the language

Unit-2: Introduction to Morphology: 10 marks

Introduction to Vocabulary and Word-typology: pragmatics in interactions

Introduction to personal pronouns, kinship terms, numeral classifiers: Pragmatics

Application of Case-marker and Tense-marker: Pragmatics

Unit-3: Introduction to Syntax: 10 marks

Introduction to sentence construction and pragmatics in social contexts

Unit-4: Practice of translation and composition: 10 marks

Translation from source language to Target language

Practice of composition and writing skill

Suggested Readings:

1. An Introduction to Boro Language: Phukan Basumatary
2. Structure of Bodo Language: Madhuram Baro
3. Boro Raokhanthi: Swarna Prabha Chainary
4. Boro Rao: Bhaben Narzis

Ability Enhancement Compulsory Course
Subject: English

AECC-1: English Communication
Credits: 2

[Question pattern: There will be five objective type of questions (OTQ) for 10 marks carrying 2 marks each ($2 \times 5 = 10$), four short notes (SN) for 20 marks carrying 5 marks each ($4 \times 5 = 20$), and two essay type questions (ETQ) for 20 marks carrying 10 mark each ($2 \times 10 = 20$). (OTQ+ SN+ ETQ= $10+20+20=50$)]

(UNIT 1 + UNIT 2+ UNIT 3+ UNIT 4+ UNIT 5 = $10+10+10+10+10=50$)

Unit 1: Introduction 10 marks

Theory of Communication,
Types and modes of Communication

Unit 2: Language of Communication 10 marks

Verbal and Non-verbal
(Spoken and Written)
Personal, Social and Business
Barriers and Strategies
Intra-personal, Inter-personal and Group communication

Unit 3: Speaking Skills 10 marks

Monologue
Dialogue
Group Discussion
Effective Communication/ Mis- Communication
Interview
Public Speech

Unit 4: Reading and Understanding

10 marks

Close Reading

Comprehension

Summary Paraphrasing

Analysis and Interpretation

Translation (from Indian language to English and vice-versa) Literary/Knowledge
Texts**Unit 5: Writing Skills**

10 marks

Documenting

Report Writing

Making notes

Letter writing

Recommended Readings:

1. *Fluency in English* - Part II, Oxford University Press, 2006.
2. *Business English*, Pearson, 2008.
3. *Language, Literature and Creativity*, Orient Blackswan, 2013.
4. *Language through Literature* (forthcoming) ed. Dr. Gauri Mishra, Dr Ranjana Kaul,
Dr Brati Biswas

Ability Enchantment Compulsory Course

Subject: Bengali

BNGL AECC 1 ॥ ব্যবহারিক বাংলা ॥

ক্রেডিট ২+০= ২

প্রথম একক: পদ পরিবর্তন, বাক্য পরিবর্তন, বিশিষ্টার্থক বাক্যাংশ ও প্রবাদ-প্রবচন, বাণিজ্যিক পরিভাষা ॥

দ্বিতীয় একক: পত্ররচনা (পারিবারিক পত্র, বাণিজ্যিক পত্র, কর্মপ্রার্থীর আবেদন পত্র, আমন্ত্রণ পত্র) ॥

গ্রন্থ

১. পীযুষ দে, *বাণী বিচিত্রা*, (গুয়াহাটি: বাণী প্রকাশনী, ২০১৬)

২. সুভাষ ভট্টাচার্য, *সংসদ বাগধারা অভিধান*, (কলকাতা: সাহিত্য সংসদ, ২০০৫)

NEPALI

Paper Code: NEP 1.04R - AECC-1

Paper Title: Functional Nepali (Communicative)

Credit -2

Total Marks:50

Unit-1: Introduction to Phonology: 20 Marks

Introduction to Alphabets and Phonemes, Exercise of Articulation, Special Phonological and Morphological Features of the Language

Unit-2: Introduction to Morphology: 10 Marks

Introduction to Vocabulary and Word-Typology: Pragmatics in Interactions

Introduction to Personal Pronouns, Kinship Terms, Numeral Classifiers: Pragmatics

Application of Case-marker and Tense-marker: Pragmatics

Unit-3: Introduction to Syntax: 10 Marks

Introduction to Sentence Construction and Pragmatics in Social Contexts

Unit-4: Practice of Translation and Composition: 10 Marks

Translation From Source Language to Target Language

Practice of Composition and Writing Skill.

Suggested Readings:

1. Adarsha Nepali Vyakaran : Tarapati and Drona Upadhyaya
2. Madhyamik Nepali Vyakaran : Ghanashyam Nepal and Kavita Lama
3. Nepali Suddha Lekhan : Edt.Abikeshar Sharma
4. Nepali Bhasa Sikshyan : Dr. Hemangaraj Adhikari
5. Prayogik Bhasa Bigyan : Dr. Yadabprakas Pokhrel

FUNCTIONAL HINDI

AECC-1
Credit - 2

Marks - 50

Unit - I : हिन्दी : अर्थ और इतिहास, स्वरूप, भाषा की उत्पत्ति के सिद्धांत, हिन्दी के स्वर और व्यंजन ध्वनियों का उच्चारणिक विश्लेषण—वर्गीकरण, अक्षर की प्रकृति, मात्रा, बलाघात एवं अनुतान।

Unit - II : नियुक्त आवेदन-पत्र, सम्पादकीया-पत्र, समाचार-लेखन, प्रतिवेदन और आलेख।

संदर्भ-सूचि

- 1) हिन्दी : उदभव, विकास और रूप — डॉ॰ हरदेव बाहरी
- 2) हिन्दी भाषा का इतिहास — डॉ॰ भोलानाथ तिवारी
- 3) व्यवहारिक आलेखन और टिप्पण — डॉ॰ अमूल्य वर्मन।

हिन्दी परिचय

MIL : I

Credit - 5+1=6

Marks - 100

Unit - I : मध्ययुगीन काव्य- (सं०) बृजनारायण सिंह
पाठ्यक्रम : पद- 1, 2, 3, 4 (कबीरदास),
विनय, मुरली-वर्णन (सूरदास),
नागमती वियोग खंड (जायसी)

Unit - II : तुलसीदास—
पाठ्यक्रम :
1) व्यक्तित्व - कृतित्व
2) रामकाव्य - परम्परा
3) तुलसीदास का दर्शन—
क) भक्ति,
ख) आध्यात्मिक,
ग) सामाजिक,
घ) सांस्कृतिक।

Unit - III : अंधेरे में (मुक्तिबोध), मौत की ट्रेन में (अशोक वाजपेयी), धूमिल (मोचीराम),
सन को याद करते हुए (केदारनाथ सिंह)।

Unit - IV : कहानियाँ— प्रतिनिधि कहानियाँ - (सं०) बच्चन सिंह, विश्वविद्यालय प्रकाशन, वाराणसी
1) कफन - प्रेमचंद
2) वापसी - उषा प्रियंवदा
3) लालपान की बेगम - फणीश्वरनाथ रेणु
4) जयदोल - अज्ञेय।

Unit - V : गबन - प्रेमचंद।

संदर्भ ग्रंथ-सूचि

- 1) गोस्वामी तुलसीदास : रामचंद्रशुक्ल, नागरी प्रचारिणी सभा, वाराणसी।
- 2) लोकवादी तुलसीदास : विश्वनाथ त्रिपाठी, राधाकृष्ण प्रकाशन, नई दिल्ली।
- 3) कबीर मीमांसा : रामचंद्र तिवारी
- 4) सूर और उनका साहित्य - हरवंशतल शर्मा
- 5) जायसी : एक नई दृष्टि - रघुवंश
- 6) नई कविता और अस्तित्ववाद - रामविलास शर्मा
- 7) कहानी : अनुभूति और अभिव्यक्ति - राजेन्द्र यादव।
- 8) कहानी - नई कहानी - नामवर सिंह।

हिन्दी कथा परिचय

MIL : 2

Credit - 5+1=6

Marks - 100

Unit - I : निबंध - परिभाषा, महत्व, स्वरूप, हिन्दी निबंध साहित्य का इतिहास।

Unit - II : उपन्यास- परिभाषा, महत्व, तत्त्व एवं स्वरूप, उपन्यास साहित्य का इतिहास।

Unit - III : सेवासदन (प्रेमचंद)

Unit - IV : नाटक - परिभाषा, महत्व, तत्त्व एवं स्वरूप, हिन्दी नाट्य साहित्य का इतिहास।

Unit - V : नाटक और निबंध

क) नाटक / पाठ्यक्रम

1) अंधेर नगरी - भारतेन्दु हरिश्चन्द्र

2) आधे - अधुरे - मोहन राकेश

ख) निबंध / पाठ्यक्रम

1) क्रोध - आचार्य रामचन्द्र शुक्ल।

संदर्भ ग्रंथ-सूचि

- 1) हिन्दी निबंध और निबंधकार — डॉ० जयनाथ नलीन।
- 2) हिन्दी के प्रतिनिधि निबंधकार — राजकिशोर सिंह।
- 3) हिन्दी उपन्यास का इतिहास — गोपाल राँय।
- 4) हिन्दी नाटक — डॉ० बच्चन सिंह।
- 5) हिन्दी नाटक का उद्भव और विकास — दशरथ ओझा।
- 6) उपन्यास और लोकजीवन — शल्फ फाक्स।
- 7) उपन्यास : स्थिति और गति — चन्द्रकांत बांदिबडेकर।

**Ability Enhancement Compulsory Course (AECC–Environment Studies)
as per UGC CBCS System, implementing in UG Courses under Bodoland
University
(For SEM-II of all Honours and Regular Courses)**

Unit 1:

Introduction to environmental studies

- (a) Multidisciplinary nature of studies;
 - (b) Scope and importance; concept of sustainability and sustainable development.
- (2 lectures)**

Unit 2: Ecosystems

• What is an ecosystem? Structure and function of ecosystem; Energy flow in an ecosystem: food chains, food webs and ecological succession. Case studies of the following ecosystems:

- (a) Forest ecosystem
- (b) Grassland ecosystem
- (c) Desert ecosystem
- (d) Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries) **(4 lectures)**

Unit 3: Natural Resources: Renewable and Non-renewable Resources

- (a) Land resources and land use change; land degradation, soil erosion and desertification.
 - (b) Deforestation: Causes and impacts due to mining, dam building on environment, forests, biodiversity and tribal populations.
 - (c) Water: Use and over-exploitation of surface and ground water, floods, droughts, conflicts over water (international & inter-state).
 - (d) Energy resources: Renewable and non renewable energy sources, use of alternate energy sources, growing energy needs, case studies.
- (4 lectures)**

Unit 4: Biodiversity and Conservation

- (a) Levels of biological diversity: genetic, species and ecosystem diversity; Biogeographic zones of India; Biodiversity patterns and global biodiversity hot spots
 - (b) India as a mega-biodiversity nation; Endangered and endemic species of India
 - (c) Threats to biodiversity: Habitat loss, poaching of wildlife, man-wildlife conflicts, biological invasions; Conservation of biodiversity: In-situ and Ex-situ conservation of biodiversity.
 - (d) Ecosystem biodiversity services: Ecological, economic, social, ethical, aesthetic and Informational value.
- (4 lectures)**

Unit 5: Environmental Pollution

- (a) Environmental pollution: types, causes, effects and controls; Air, water, soil and noise pollution
- (b) Nuclear hazards and human health risks

- (c) Solid waste management: Control measures of urban and industrial waste.
- (d) Pollution case studies. (4 lectures)

Unit 6: Environmental Policies & Practices

- (a) Climate change, global warming, ozone layer depletion, acid rain and impacts on human communities and agriculture
- (b) Environment Laws: Environment Protection Act; Air (Prevention & Control of Pollution) Act; Water (Prevention and control of Pollution) Act; Wildlife Protection Act; Forest Conservation Act. International agreements: Montreal and Kyoto protocols and Convention on Biological Diversity (CBD).
- (c) Nature reserves, tribal populations and rights, and human wildlife conflicts in Indian context.

(4 lectures)

Unit 7: Human Communities and the Environment

- (a) Human population growth: Impacts on environment, human health and welfare.
- (b) Resettlement and rehabilitation of project affected persons; case studies.
- (c) Disaster management: floods, earthquake, cyclones and landslides.
- (d) Environmental movements: Chipko, Silent valley, Bishnois of Rajasthan.
- (e) Environmental ethics: Role of Indian and other religions and cultures in environmental conservation.
- (f) Environmental communication and public awareness, case studies (e.g., CNG vehicles in Delhi).

(6 lectures)

Unit 8: Field work

- (a) Visit to an area to document environmental assets: river/forest/flora/fauna, etc.
- (b) Visit to a local polluted site---Urban/Rural/Industrial/Agricultural.
- (c) Study of common plants, insects, birds and basic principles of identification.
- (d) • Study of simple ecosystems---pond, river, Delhi Ridge, etc. (Equal to 4 lectures)

Suggested Readings:

1. Carson, R. 2002. *Silent Spring*. Houghton Mifflin Harcourt.
2. Gadgil, M., & Guha, R. 1993. *This Fissured Land: An Ecological History of India*. Univ .of California Press.
3. Gleeson, B. And Low, N. (eds.) 1999. *Global Ethics and Environment*, London, Routledge.
4. Gleick, P. H. 1993. *Water in Crisis*. Pacific Institute for Studies in Dev.,Environment & Security. Stockholm Env. Institute, Oxford Univ. Press.
5. Groom, Martha J., Gary K. Meffe, and Carl Ronald Carroll. *Principles of Conservation Biology*. Sunderland: Sinauer Associates, 2006.
6. Grumbine, R.Edward,and Pandit, M.K. 2013.Threats from India’s Himalaya dams. *Science*, 339: 36-37.

7. McCully, P. 1996. *Rivers no more: the environmental effects of dams* (pp. 29--64). Zed Books.
8. McNeill, John R. 2000. *Something New Under the Sun: An Environmental History of the Twentieth Century*.
9. Odum, E.P., Odum, H.T. & Andrews, J. 1971. *Fundamentals of Ecology*. Philadelphia: Saunders.
10. Pepper, I.L., Gerba, C.P. & Brusseau, M.L. 2011. *Environmental and Pollution Science*. Academic Press.
11. Rao, M.N. & Datta, A.K. 1987. *Waste Water Treatment*. Oxford and IBH Publishing Co. Pvt. Ltd.
12. Raven, P.H., Hassenzahl, D.M. & Berg, L.R. 2012. *Environment*. 8th edition. John Wiley & Sons.
13. Rosencranz, A., Divan, S., & Noble, M. L. 2001. *Environmental law and policy in India. Tripathi 1992*.
14. Sengupta, R. 2003. *Ecology and economics: An approach to sustainable development*. OUP.
15. Singh, J.S., Singh, S.P. and Gupta, S.R. 2014. *Ecology, Environmental Science and Conservation*. S. Chand Publishing, New Delhi.
16. Sodhi, N.S., Gibson, L. & Raven, P.H. (eds). 2013. *Conservation Biology: Voices from the Tropics*. John Wiley & Sons.
17. Thapar, V. 1998. *Land of the Tiger: A Natural History of the Indian Subcontinent*.
18. Warren, C. E. 1971. *Biology and Water Pollution Control*. WB Saunders.
19. Wilson, E. O. 2006. *The Creation: An appeal to save life on earth*. New York: Norton.
20. World Commission on Environment and Development. 1987. *Our Common Future*. Oxford University Press.

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