

TRIPURA UNIVERSITY

(A Central University)

Suryamaninagar- 799022

West Tripura

Four Years Undergraduate Programme

(As per NEP- 2020)

Ability Enhancement Compulsory Courses:

1. Understanding and connecting with Environment
2. Communicative Bengali
3. English Communication
4. Personal Communication Skill


30/5/23
Prof. B.M. Datta
संकाबाध्यक्ष / Dean
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त्रिपुरा विश्वविद्यालय
Tripura University

ABILITY ENHANCEMENT COMPULSORY COURSE (AECC)
Syllabus for Undergraduate 1st Semester
Under NEP 2020

Understanding and Connecting with Environment
(Number of Theory Credits -3)
Total marks-100

Unit 1 : Introduction to Environmental Studies and Natural Resources (Renewable and Non-renewable Resources)

- Multidisciplinary nature of environmental studies;
- Scope and importance; the need for environmental education. Concept of sustainability and sustainable development
- Land resources and land use change; Land degradation, soil erosion and desertification.
- Forest resources: Deforestation: Causes and impacts due to mining, dam building on environment, forests, biodiversity and tribal populations.
- Water resources: Use and over-exploitation of surface and ground water, floods, droughts, conflicts over water (international & inter-state).
- Energy resources: Renewable and non renewable energy sources, use of alternate energy sources, growing energy needs

10 hrs

Unit 2 : Ecosystems and Biodiversity Conservation

- What is an ecosystem? Structure and function of ecosystem; Energy flow in an ecosystem: food chains, food pyramids, food webs and ecological succession.
- Levels of biological diversity : genetic, species and ecosystem diversity; Biogeographic zones of India; global biodiversity hot spots
- India as a mega-biodiversity nation; Endangered and endemic species of India
- Threats to biodiversity : Habitat loss, poaching of wildlife, man-wildlife conflicts, biological invasions; Conservation of biodiversity : In-situ and Ex-situ conservation of biodiversity.
- Ecosystem and biodiversity services: Ecological, economic, social, ethical, aesthetic and Informational value.

10 hrs

Unit 3 : Environmental Pollution and Environmental Policies & Practices

- Environmental pollution : types, causes, effects and controls; Air, Water, Soil and Noise pollution
- Nuclear hazards and human health risks
- Solid waste management: Control measures of urban and industrial waste.
- Climate change, global warming, ozone layer depletion, acid rain

10 hrs

- 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).

Unit 4 : Human Communities and the Environment

16 hrs
2

- Human population growth: Impacts on environment, human health and welfare.
- Traditional Wisdom, Indigenous/traditional Communities and Livelihood Security
- Disaster management: floods, earthquake, cyclones and landslides.
- Environmental movements: Chipko, Silent valley, NBA, Bishnois of Rajasthan.
- Environmental ethics: Role of Indian and other religions and cultures in environmental conservation.
- Environmental communication and public awareness, case studies (e.g., CNG vehicles in Delhi).

Suggested Readings:

1. Bharucha, E. (2015). Textbook of Environmental Studies.
2. Carson, R. 2002. *Silent Spring*. Houghton Mifflin Harcourt.
3. Gadgil, M., & Guha, R. 1993. *This Fissured Land: An Ecological History of India*. Univ. of California Press.
4. Gleeson, B. and Low, N. (eds.) 1999. *Global Ethics and Environment*, London, Routledge.
5. Gleick, P. H. 1993. *Water in Crisis*. Pacific Institute for Studies in Dev., Environment & Security. Stockholm Env. Institute, Oxford Univ. Press.
6. Groom, Martha J., Gary K. Meffe, and Carl Ronald Carroll. *Principles of Conservation Biology*. Sunderland: Sinauer Associates, 2006.
7. Grumbine, R. Edward, and Pandit, M.K. 2013. Threats from India's Himalaya dams. *Science*, 339: 36---37.
8. McCully, P. 1996. *Rivers no more: the environmental effects of dams*(pp. 29--64). Zed Books.
9. McNeill, John R. 2000. *Something New Under the Sun: An Environmental History of the Twentieth Century*.
10. Odum, E.P., Odum, H.T. & Andrews, J. 1971. *Fundamentals of Ecology*. Philadelphia: Saunders.
11. Pepper, I.L., Gerba, C.P. & Brusseau, M.L. 2011. *Environmental and Pollution Science*. Academic Press.
12. Rao, M.N. & Datta, A.K. 1987. *Waste Water Treatment*. Oxford and IBH Publishing Co. Pvt. Ltd.
13. Raven, P.H., Hassenzahl, D.M. & Berg, L.R. 2012. *Environment*. 8th edition. John Wiley & Sons.
14. Rosencranz, A., Divan, S., & Noble, M. L. 2001. *Environmental law and policy in India*. Tripathi 1992.

15. Sengupta, R. 2003. *Ecology and economics: An approach to sustainable development*. OUP.
16. Singh, J.S., Singh, S.P. and Gupta, S.R. 2014. *Ecology, Environmental Science and Conservation*. S. Chand Publishing, New Delhi.
17. Sodhi, N.S., Gibson, L. & Raven, P.H. (eds). 2013. *Conservation Biology: Voices from the Tropics*. John Wiley & Sons.
18. Thapar, V. 1998. *Land of the Tiger: A Natural History of the Indian Subcontinent*.
19. Warren, C. E. 1971. *Biology and Water Pollution Control*. WB Saunders.
20. Wilson, E. O. 2006. *The Creation: An appeal to save life on earth*. New York: Norton.
21. World Commission on Environment and Development. 1987. *Our Common Future*. Oxford University Press.

SYLLABUS

Ability Enhancement Course (Credit: 3)
Communicative BENGALI

মূল্যমান : ১০০

In this proposed 'Ability Enhancement Course', students shall be taught the practical usage of Communicative Bengali language and also to deal with know-how of the Bengali language to used for the communication.

[এই পাঠ্যপুস্তকের উদ্দেশ্য শিক্ষার্থীদের ব্যক্তিগত, বৃত্তি ও সামাজিক সংযোগের - দক্ষতা (Communication Skill) বৃদ্ধি।]

নিম্নলিখিত প্রথম ও দ্বিতীয় একক মোট ১৫ নম্বরের দুটি করে প্রশ্নের উত্তর দিতে হবে। প্রথম, প্রশ্নের মান ১৫, ১০ বা ৫ হতে পারে। তৃতীয় একক মোট ২০ নম্বরের দুটি প্রশ্নের উত্তর দিতে হবে। প্রথম, প্রশ্নের মান ১০ বা ৫ হতে পারে।

প্রথম একক

১৫ + ১৫ = ৩০

- ক ॥ ভাষা, সারাংশ
খ ॥ প্রথম কর্মবিবরণী প্রস্তুতকরণ
গ ॥ ভাষা বা বক্তৃতা প্রস্তুতকরণ

17.5.20

দ্বিতীয় একক

১৫ + ১৫ = ৩০

ক ॥ অনুবাদ চর্চা - ১। কারন, বিকাশ,
প্রকারভেদ, আনুষ্ঠানিক অনুবাদ,
ভাষানুবাদ, কথিত্বের অনুবাদ,
অনুবাদের প্রকার, প্রমাণন।
২। ঐংরেজী থেকে বাংলায়
অনুবাদ।

খ ॥ বাংলা বামন রীতি, অক্ষুদ্রি
প্রশোধন।

গ ॥ মুদ্রন-প্রবাদ প্রশোধন (স্বতন্ত্র বিভিন্ন)

তৃতীয় একক

২০ + ২০ = ৪০

ক ॥ পত্রলিখন : ব্যক্তিগত, ব্যবহারিক,
প্রাতিষ্ঠানিক পত্র লিখন।

খ ॥ প্রঃবাদপত্রে প্রকাশের উপায়সমূহ
প্রতিষ্ঠান রচনা।

গ ॥ ব্যবহারিক লিখনকর্ম : প্রঃবাদ ও
বিজ্ঞাপন।

ঘ ॥ অনুচ্ছেদ রচনা

————— x —————

Signature
17.5.23

স্বাক্ষর: ০২

পাঠ্যপুঁচি অনুসঙ্গী ব্যাঙ্কনৈতিক ও নিৰ্মাণ
পৰামৰ্শ সম্বন্ধিত কিছু অৱশ্যগী-প্ৰশ্ন—

- ১। তেজোবীৰ ডেপুটী, প্ৰচীণৰ সাহিত্যতত্ত্ব, ২০০৬,
মাদিনীপুৰ, অমৃতলোক সাহিত্য পাব্লিশ্ব।
- ২। সুশ্ৰী হাম, অক্ষাধৰ, অনুবাদ-৬৬৪-১,
ডোয়া প্ৰেছ।
- ৩। প্ৰফেচৰ শ্ৰীমতী, বাংলা বালান বিধি,
দেউ পাব্লিশ্ব।
- ৪। বাংলা একাডেমী, প্ৰতি বাংলা বালান
নিয়ম।
- ৫। পবিত্ৰ প্ৰকাশ, বাংলা লেখাৰ প্ৰেছ পাঠ,
নিউ প্ৰেছ পাব্লিশ্ব।
- ৬। পবিত্ৰ প্ৰকাশ, বাংলা বালান প্ৰকাশ:
প্ৰথম ও অধিকাৰ, দেউ পাব্লিশ্ব।
- ৭। অপ্ৰাকৃতিক বাল্যপ্ৰাৰ্থনা, প্ৰথম প্ৰকাশনাৰ
প্ৰথম পাঠ, প্ৰতিপাব্লিশ্ব।
- ৮। (মাৰ্শাল্ড ব্ৰুৱেল ব্ৰুৱেল, বাংলা বালান
ও প্ৰথম প্ৰকাশনাৰ কলাকৌশল, জগতী
পাব্লিশ্ব।
- ৯। (মা. ব্ৰুৱেল কৰিম, প্ৰতিপাব্লিশ্ব
কলাকৌশল, প্ৰচীণ প্ৰকাশনী।

17.5.23

পৃষ্ঠা: ০৩

২০ । বৈদ্যনাথ বন্দ্যোপাধ্যায়, (সকল এছাড়া
সংবাদ পরিষদার ষাং ও বিচিত্র সংবাদ,
আমলু পাঠমি/ককাম।

২১ । সুবিন লোম, বিকাসনের লোম, আমলু
পাঠমি/ককাম।

২২ । A.R. Fatimi, 1991, The Language of
Advertising and T.V Commercials,
Mumbai, Bahri Publications.

— স্বাক্ষর —

Dr. Barnali Bhowmick
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Dated : 17.05.2023

পৃষ্ঠা : ০৪

পৃষ্ঠা : ০৩

Tripura University
Ability Enhancement Courses
Personal Communication Skill
Total Marks 100, (3 Credit)

Unit – I

30

- 1) Introduction to Communication- Definition.
- 2) Types of Communications – Verbal and non- verbal, Technical and General, Social and Business, Personal- Intra personal, Inter personal and Group Communication.
- 3) Modes of Communication- Oral, Written, Symbolic and electronic modes of Communication.

Unit – II

30

1. Barriers to Communication- Definition.
2. Types of barriers – Linguistic, Semantic, Cultural & Social barriers etc.
3. Strategies to remove Communication barriers.
4. Functional Grammar.

Unit – III

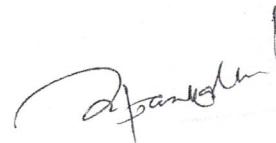
20

1. Writing Formal Letter- Official and Business Letters.
2. English in situations (at the Post office, Bank, Railway Station, Customer care etc.)
3. Report writing, Note making, CV designing, Drafting E- mails.
4. Presenting a Power Point.

Internal Assessment- 20

Recommended Readings:

1. A.S. Hornby, Oxford Advanced Learner's Dictionary of Current English (O.U.P)
2. Keval J. Kumar, Mass Communication in India, Jaico publishing House.
3. Gill Branston, Roy Stafford, The Media Student's Book, Routledge.


18/5/2023

Tripura University
Ability Enhancement Courses
English Communication
Total Marks 100, (3 Credit)

Unit-1 – Theories

30

1. Theory of Communication types and modes of Communication.
2. Language of Communication.
3. English as a Communicative language.

Unit-2- Functional English

40

Simple Sentence [use of primary auxiliary] and Descriptive Sentences
Expressing capacity, ability, making polite request, asking for permission,
Expressing possibilities and probabilities etc. [Use of Can/ May]
Expressing future plans, goals, expectations and declarations [Use of Shall/Will]
Expressing obligations duties, responsibilities(Use of Should/Ought/Might)
Expressing Possessions (use of has, have and had)

Subject Verb Agreement, Articles, Prepositions, Modal Verbs, Subject-Verb Agreement, Active & Passive Voice.

Unit-3- Comprehension and Expression

30

Sentence Structure: Sentence Types- Declarative, Interrogative, Imperative, Exclamatory, Types of Questions-Why, Yes/No, Tag,

Tense: Present Indefinite, Continuous, Perfect, Perfect Continuous, Past Indefinite, Continuous, Perfect, Perfect Continuous, Future Indefinite, Continuous, Perfect, Perfect Continuous.

Recommended Readings:

1. Raymond Murphy, Essential English Grammar, CUP.
2. Stephen M.Croucher, Understanding Communication Theory A Beginner's Guide, Taylor & Francis.
3. Graham Lock, Functional English Grammar, CUP.