Department Of Computer Science and Engineering
Kathmandu University
Dhulikhel, Kavre

Subject:Communication Skills II **Course: ENGT 102**

Level: B.E./B.Sc/B. Tech. 1st Year/2nd Semester **Credit Hours: 2**

OBJECTIVES:

- Familiarize undergraduate students with the skills of research, documentation and project writings
- Orient students to critical and creative practices through interdisciplinary readings

LEARNING OUTCOMES:

After the completion of the course, students will be able to:

- apply argumentative and critical skills in written and oral communications
- write and review scientific articles and conference papers
- design formal research proposals and reports
- use accepted citation and referencing systems in technical texts

DESCRIPTION:

Unit 1: Technical Communication **20 hrs.**

1. **Argumentation**:
    a. Argumentative presentations (written and oral): using Stephen Toulmin's Model (claim, ground, warrant, backing, rebuttal and modifier)
2. **Proposals**:
    a. Research: concept papers
    b. Project: project proposals
3. **Reports**:
    a. Technical Papers: Conference papers; Scientific journal articles; Structure: Introduction, Materials and Methods, Results, Analysis/Discussion, Conclusion, Acknowledgements, References; Reviewing technical texts
    b. Project Reports: structure, writing process
    c. Memo Reports: structure, writing process

Unit 2: Critical Readings **12 hrs.**

1. Theme I: Science and Society
    a. Vincent Dethier, "To Know a Fly"
    b. Carl G. Hempel, "Scientific Inquiry: Invention and Test"
    c. Armand Denis, "The Four-Tusked Elephant"
2. Theme 2: Human Condition
    a. Anton Chekov, "Swan Song"
    b. L. P. Devkota, "The Lunatic"
    c. Jared Diamond, "Adaptive Failure: Easter's End"
3. Theme 3: Critical Thinking
    a. Bertrand Russell, "Keeping Errors at Bay"
    b. Pedro Antonio de Alarcón, "The Stub-Book"
    c. Somerset Maugham, "Mr. Know-All"

Text Books:

1. Gerson, Sharon, and Steven Gerson. Technical Communication: Process and Product. 8th ed. New Delhi: Pearson Education, 2014.
2. Nissani, Moti, and Shreedhar Lohani. Flax-Golden Tales. Kathmandu: Ekta Books, 2008.

LSRW Lab Materials:

1. Audio files, Visuals, Team projects, Assignments etc. to be collected/developed by the course instructor.