

HM3001 – Humanities and Social Science

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| Subject Code | HM3001 | Subject Title | Humanities and Social Science | | | |
| Credits | 4.0 | Total Hours | Lectures | 45 h | Pre-Requisites | None |
| GPA/NGPA | GPA | | Lab/Assignment | 30 h | | |
| Aim: To equip the students with a wider outlook on philosophical and sociological base on knowledge, language, thinking, society and culture | | | | | | |
| Learning Outcomes: On successful completion of this module, students are able to: 1. Explain systems that are not strictly subject to empirical approach 2. Build in ethical, psychological and sociological considerations into engineering designs taking human interaction into account without confining to anthropometrics alone | | | | | | |
| LO 1. | Explain systems that are not strictly subject to empirical approach [24 h] Introduction to Philosophy of reality, existence, knowledge, values, reason, mind, politics, liberty, justice, property rights, law and law enforcement. Language as a system for communication with its nuances and applications. Hypothesis on how language and thought are interconnected. | | | | | |
| LO 2. | Build in ethical, psychological and sociological considerations into engineering designs taking human interaction into account without confining to anthropometrics alone [21 h] Introduction to Social Science, Social structures and Human relationships, Political and Cultural construction of space, Public policy and good governance.. Comparative religion and ethics. Important aspects of human psychology. | | | | | |
| Presentations: 2 presentations [2×8 h] Assignments: 2 assignments one each for LO1 and LO2 [2×7 h] | | | | | | |
| Assessment | | | | | | |
| a | Presentations | | | | | 20% |
| b | Take home Assignments | | | | | 20% |
| c | End of semester Written Examination: 3 h test | | | | | 60% |
| Rec. Bks | <ol style="list-style-type: none"> Technology in World Civilization by Arnold Pace, Publisher: MIT Press, 1991, ISBN: 0- 262-16117-6 Emotional Design: Why we love (or Hate) Everyday Things by Donald A Norman, Publisher: Basic Books, 2004 ISBN: 10-0-465-05135-9 Thinking fast and slow by Daniel Kahneman, Publisher: Penguin books, 2011 ISBN: 978-0-141-03357 The Design of Everyday Things by Donald A Norman, Publisher: Basic Books, 1988 ISBN: 10-0-465-06710-7 The Maze of Ingenuity: Ideas and Idealism in the Development of Technology by Arnold Pace, Publisher: MIT Press, 1993 ISBN: 0- 262-16128-1 World Societies: The Evolution of Human Social Life by Stephen Sanderson and Arthur Alderson, Publisher Instock press 2005, ISBN-10: 0205359485 • ISBN-13: 9780205359486 Introduction to Social Sciences by Allyn & Bacon (June 1985) ISBN-10: 0205081746 ISBN-13: 978-0205081745 | | | | | |