

Module Code:	SS-3404		
Module Title:	Computer Ethics, Social and Professional Issues		
Degree/Diploma:	Bachelor of Science		
Type of Module:	Breadth		
Modular Credits:	4	Student Workload:	8-10 hours per week
		Contact Hours:	4 hours per week
Pre-requisite:	NIL		
Anti-requisite:	NIL		
<p>Aims</p> <p>In this module, the student learns to appreciate some important non-technical issues pertaining to Computer Science profession.</p> <p>After completing this module, the student should be able to:</p> <ul style="list-style-type: none"> ● Discuss issues in the development and employment of free software, ● Discuss issues in copyright, in particular those concerning the distribution and use of software and electronic documents, ● Discuss issues in patents, in particular those affecting the software industry, ● Discuss the importance of and threats to free and open standards, ● Analyze compromising situations that conflict with professional ethics, ● Discuss the need for and enforcement of privacy in the digital world, ● Discuss how the computer and the Internet can be abused by criminals, ● Discuss other selected topics such as green computing. 			
<p>Module Content:</p> <p>The following topics will be covered in this module:</p> <ul style="list-style-type: none"> ● Free and open source software: collaborative development, licenses for free software, commercial use of free software. ● Copyrights and copy restriction: producer's rights, consumer's fair use, digital restriction management. ● Software patents: patentability of software, patent warfare, patent trolls. ● Standards: open standards, standardization bodies. ● Professional ethics. ● Privacy and data protection. ● Computer crimes. ● Other issues such as green computing, internationalization and localization, impact of the Internet. 			
Assessment:	Examination 50%	Coursework 50%	

