**Guidelines for Program Outcomes, Program Specific Outcomes,   
Course Outcomes, and their Attainment levels**

**BACHELOR OF BUSINESS ADMINISTRATION (HONOURS)**

**[BBA (Hons.)]**

(Under Choice Based Credit System)

*(w.e.f. the session 2021-22)*

**Guidelines for Program Outcomes, Program Specific Outcomes,   
Course Outcomes, and their Attainment levels**

1. **Introduction:** As per NAAC Revised Accreditation Framework (RAF), Program Outcomes (POs), Program Specific Outcomes (PSOs) and Course Outcomes (COs) for all the programs offered by the University are to be stated and displayed on the University website.
2. **Program Outcomes (POs)**:

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| --- | --- |
| **Program Outcomes for the Faculty of Commerce and Management:** On successful completion of a program under faculty of Commerce and Management, student will be able to develop: | |
| **PO1:** | **Soft skills and working skills**: To comprehend, communicate and execute effectively and efficiently in all of their dealings |
| **PO2:** | **Leadership**: To develop abilities to both lead and respect the views positions and beliefs of others and to plan and manage effectively. |
| **PO3:** | **Innovativeness and Entrepreneurship**: To explore issues and problem that needs solutions with entrepreneurial orientation |
| **PO4**: | **Ethics and Values**: To recognize, appreciate and follow ethical standards in all walks of life |
| **PO5:** | **Adaptability and Sociability**: Ready to understand and adapt the changing environment |
| **PO6:** | **Research and Analytical abilities**: To explore, analyses and provide solutions on emerging issues concerning various fields including public policy. |
| **PO7:** | **Practical exposure and Employability**: Exposure to actual working environment leading to employability |
| **PO8:** | **Environmental Consciousness**: In every action, dealing, service, and manifestation |

1. **Program Specific Outcomes (PSOs):** PSOs are what the students of BBA (H) program are expected to learn and be able to do after the successful completion of the program.

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| **Program Specific Outcomes (PSO):** On successful completion of BBA (H) Program from the Institute of Management Studies, the students would be able to: | |
| PSO1: | manifest executive knowledge to handle varied business situations & tasks effectively to solve business problems |
| PSO2: | identify & play effectively executive and supervisory roles in organizations |
| PSO3: | understand & apply ethical principles & make value based decisions as socially responsible citizens |
| PSO4**:** | communicate & work in teams towards organizational goals |

1. **Course Outcomes (COs):** Course outcomes are the statements that describe what   
   the students are expected to know and be able to do after the successful completion   
   of the course.
2. **Mapping:** Mapping is a process of representing the correlation between COs and POs, COs and PSOs in the scale of 1 to 3 as follows:

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| --- | --- |
| **Scale of mapping between COs and POs/PSOs** | |
| Scale |  |
| 1 | If the contents of course have low correlation (i.e., in agreement with the particular PO/PSO to a small extent) with the particular Program outcome |
| 2 | If the contents of course have medium correlation ( i.e., in agreement with the particular PO/PSO to a reasonable extent) with the particular Program outcome |
| 3 | If the contents of course have strong correlation ( i.e., in agreement with the particular PO/PSO to a large extent) with the particular Program outcome |

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| **CC-11: Conceptual Foundations of Management** | |
| COs | After completing this course, the students will be able to: |
| CC-11.1 | understand the concepts of management and the roles of managers in an organization |
| CC-11.2 | understand the managerial functions of planning, decision making and management by objectives |
| CC-11.3 | understand the organizing function of management |
| CC-11.4 | understand and apply the basics of leadership and motivation in an organization |
| CC-11.5 | develop and apply various quantitative and qualitative control techniques in organization |

**Mapping Matrix**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| CO# | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PSO1 | PSO2 | PSO3 | PSO4 |
| CC-11.1 | 2 | 2 | 1 | 1 | 2 | 1 | 1 | 3 | 1 | 2 | 2 | 3 |
| CC-11.2 | 3 | 2 | 1 | 3 | 2 | 3 | 1 | 2 | 2 | 1 | 2 | 2 |
| CC-11.3 | 3 | 3 | 3 | 2 | 2 | 1 | 3 | 3 | 1 | 2 | 3 | 1 |
| CC-11.4 | 3 | 2 | 2 | 2 | 3 | 2 | 2 | 3 | 2 | 2 | 1 | 3 |
| CC-11.5 | 2 | 3 | 2 | 2 | 3 | 3 | 2 | 2 | 3 | 3 | 3 | 3 |
| **Average** | **2.6** | **2.4** | **1.8** | **2.0** | **2.4** | **2.0** | **1.8** | **2.6** | **1.8** | **2.0** | **2.2** | **2.4** |

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| **CC-12: Business Economics** | |
| COs | After completing this course, the students will be able to: |
| CC-12.1 | understand the concepts of micro and macroeconomics along with the framework of economic system |
| CC-12.2 | develop an understanding of nature and scope of business economics and also recognise its role and relevance in business decision making |
| CC-12.3 | understand and apply various tools and techniques of business economics |
| CC-12.4 | understand the techniques of cost analysis, and to comprehend various market structures |
| CC-12.5 | understand the concepts of national income, investment analysis and multiplier effect |

**Mapping Matrix**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| CO# | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PSO1 | PSO2 | PSO3 | PSO4 |
| CC-12.1 | 3 | 2 | 3 | 3 | 2 | 2 | 3 | 3 | 3 | 2 | 2 | 2 |
| CC-12.2 | 3 | 3 | 2 | 3 | 2 | 2 | 3 | 2 | 3 | 3 | 2 | 2 |
| CC-12.3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 | 3 |
| CC-12.4 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 |
| CC-12.5 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 |
| **Average** | **2.8** | **2.8** | **2.8** | **3.0** | **2.6** | **2.6** | **3.0** | **2.6** | **3.0** | **2.6** | **2.6** | **2.4** |

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| **CC-13: Fundamentals of Accounting** | |
| COs | After completing this course, the students will be able to: |
| CC-13.1 | show proficiency in different accounting concepts and conventions and understanding of accounting process |
| CC-13.2 | gain the ability of using accounting information as a tool in applying solutions for managerial problems |
| CC-13.3 | understand the accounting aspects related to assets and liabilities and preparing the financial statements |
| CC-13.4 | understand how to calculate depreciation by applying various methods |
| CC-13.5 | understand and apply basic accounting software in computers |

**Mapping Matrix**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| CO# | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PSO1 | PSO2 | PSO3 | PSO4 |
| CC-13.1 | 3 | 1 | 3 | 3 | 2 | 3 | 2 | 1 | 2 | 3 | 3 | 2 |
| CC-13.2 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 2 | 2 | 3 |
| CC-13.3 | 2 | 1 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 1 | 1 | 2 |
| CC-13.4 | 3 | 3 | 2 | 3 | 1 | 3 | 2 | 2 | 1 | 3 | 1 | 1 |
| CC-13.5 | 2 | 1 | 2 | 3 | 3 | 2 | 3 | 2 | 3 | 3 | 3 | 3 |
| **Average** | **2.4** | **1.8** | **2.6** | **2.8** | **2.4** | **2.6** | **2.2** | **2.2** | **2.4** | **2.4** | **2.0** | **2.2** |

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| **SEC-11: Business Mathematics** | |
| COs | After completing this course, the students will be able to: |
| SEC-11.1 | understand the concept of mathematical progressions and their applications |
| SEC-11.2 | understand the concepts and applications of permutations, combinations, and binomial theorem |
| SEC-11.3 | understand the set theory and appropriately apply the concepts for comprehending relevant situations/problems |
| SEC-11.4 | understand the matrix algebra and its application to business situations/problems |
| SEC-11.5 | understand the concepts related to functions, and applications of derivatives and integrals |

**Mapping Matrix**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| CO# | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PSO1 | PSO2 | PSO3 | PSO4 |
| SEC-11.1 | 2 | 1 | 2 | 1 | 1 | 3 | 1 | 1 | 2 | 1 | 1 | 2 |
| SEC-11.2 | 2 | 1 | 2 | 1 | 1 | 3 | 2 | 1 | 2 | 1 | 1 | 2 |
| SEC-11.3 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 2 | 1 | 1 | 1 |
| SEC-11.4 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 1 | 2 | 1 | 1 | 1 |
| SEC-11.5 | 2 | 1 | 2 | 1 | 1 | 3 | 1 | 1 | 3 | 2 | 1 | 2 |
| **Average** | **1.6** | **1.0** | **1.6** | **1.0** | **1.0** | **2.6** | **1.6** | **1.0** | **2.2** | **1.2** | **1.0** | **1.6** |

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| **SEC-12: Essential Computer Skills** | |
| COs | After completing this course, the students will be able to: |
| SEC-12.1 | understand basics of computer, its components, computer software and hardware |
| SEC-12.2 | understand numerous types of storage devices used in computer, and various types of network connections |
| SEC-12.3 | understand the role of operating system and their types in the working of computer, and understand how word processor works |
| SEC-12.4 | have theoretical and practical knowledge of MS-Word, MS-PowerPoint |
| SEC-12.5 | have theoretical and practical knowledge of MS-Excel, and internet applications |

**Mapping Matrix**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| CO# | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PSO1 | PSO2 | PSO3 | PSO4 |
| SEC-12.1 | 3 | 2 | 2 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 2 |
| SEC-12.2 | 1 | 2 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 2 | 2 | 3 |
| SEC-12.3 | 3 | 2 | 2 | 3 | 3 | 2 | 1 | 3 | 2 | 2 | 2 | 2 |
| SEC-12.4 | 3 | 3 | 2 | 2 | 3 | 2 | 2 | 3 | 3 | 2 | 3 | 3 |
| SEC-12.5 | 3 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 3 | 2 | 3 | 3 |
| **Average** | **2.6** | **2.4** | **1.8** | **2.2** | **2.4** | **1.6** | **1.6** | **2.4** | **2.4** | **2.0** | **2.4** | **2.6** |

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| **AEC-11: Vyavharik Hindi** | |
| COs | After completing this course, the students will be able to: |
| AEC-11.1 | learn the official Hindi language, president's bill and Hindi shikshan scheme of central government |
| AEC-11.2 | learn different forms of official correspondence including press note, advertisement etc. |
| AEC-11.3 | understand the translation (anuvaad), expansion (pallawan) and condensation (sankshepan) |
| AEC-11.4 | learn the official dictionary used in ministries, corporations, and different departments of government |
| AEC-11.5 | learn the art of writing essays on given latest business related topics |

**Mapping Matrix**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| CO# | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PSO1 | PSO2 | PSO3 | PSO4 |
| AEC-11.1 | 3 | 1 | 2 | 1 | 3 | 3 | 3 | 1 | 2 | 1 | 2 | 1 |
| AEC-11.2 | 3 | 1 | 2 | 1 | 3 | 3 | 3 | 1 | 2 | 2 | 2 | 2 |
| AEC-11.3 | 2 | 1 | 1 | 1 | 2 | 2 | 3 | 1 | 2 | 2 | 1 | 2 |
| AEC-11.4 | 3 | 2 | 2 | 1 | 3 | 3 | 3 | 1 | 2 | 2 | 2 | 2 |
| AEC-11.5 | 3 | 2 | 3 | 2 | 2 | 3 | 3 | 2 | 3 | 2 | 2 | 3 |
| **Average** | **2.8** | **1.4** | **2.0** | **1.2** | **2.6** | **2.8** | **3.0** | **1.2** | **2.2** | **1.8** | **1.8** | **2.0** |

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| **AEC-12: Fundamentals of English** | |
| COs | After completing this course, the students will be able to: |
| AEC-12.1 | understand the basics of grammar to better communicate in the English language |
| AEC-12.2 | learn tenses, transformation of sentences, active and passive voice |
| AEC-12.3 | understand and have a reasonable command over vocabulary in English |
| AEC-12.4 | learn how to write formal letters including business and official letters & writing CVs, punctuation, etc. |

**Mapping Matrix**

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| CO# | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PSO1 | PSO2 | PSO3 | PSO4 |
| AEC-12.1 | 3 | 2 | 1 | 1 | 2 | 1 | 3 | 1 | 2 | 2 | 2 | 3 |
| AEC-12.2 | 3 | 2 | 1 | 1 | 2 | 1 | 3 | 1 | 2 | 2 | 2 | 3 |
| AEC-12.3 | 3 | 2 | 1 | 1 | 2 | 1 | 3 | 1 | 2 | 2 | 2 | 3 |
| AEC-12.4 | 3 | 2 | 1 | 1 | 2 | 1 | 3 | 1 | 2 | 2 | 2 | 3 |
| **Average** | **3** | **2** | **1** | **1** | **2** | **1** | **3** | **1** | **2** | **2** | **2** | **3** |

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| **CC-21 : Organisation Behaviour** | |
| COs | After completing this course, the students will be able to: |
| CC-21.1 | understand the need of systematic study of behaviour |
| CC-21.2 | understand the various dimensions of individual behaviour |
| CC-21.3 | understand the perceptual process and its impact on individual decision making, the motivation concepts and their applications |
| CC-21.4 | understand the foundations of group behaviour and teams in work places |
| CC-21.5 | understand power and politics, conflict management, and the concepts of organizational culture, change, and development |

**Mapping Matrix**

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| CO# | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PSO1 | PSO2 | PSO3 | PSO4 |
| CC-21.1 | 1 | 3 | 1 | 3 | 1 | 1 | 3 | 3 | 1 | 1 | 3 | 1 |
| CC-21.2 | 3 | 2 | 3 | 1 | 3 | 1 | 3 | 1 | 1 | 2 | 2 | 3 |
| CC-21.3 | 1 | 3 | 1 | 3 | 3 | 3 | 3 | 2 | 3 | 1 | 2 | 1 |
| CC-21.4 | 1 | 2 | 3 | 1 | 3 | 1 | 2 | 3 | 1 | 3 | 1 | 2 |
| CC-21.5 | 3 | 2 | 1 | 3 | 1 | 2 | 1 | 2 | 3 | 1 | 3 | 3 |
| **Average** | **1.8** | **2.4** | **1.8** | **2.2** | **2.2** | **1.6** | **2.4** | **2.2** | **1.8** | **1.6** | **2.2** | **2.0** |

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| **CC-22: Principles of Marketing** | |
| COs | After completion of this course, the students will be able to: |
| CC-22.1 | comprehend the concepts of marketing and the marketing environment |
| CC-22.2 | understand the product mix dimensions |
| CC-22.3 | understand the promotion & pricing mix perspective |
| CC-22.4 | comprehend the concepts of logistics and distribution |
| CC-22.5 | comprehend the research, information systems and basic understanding and logic behind internet marketing, green marketing, and network marketing |

**Mapping Matrix**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| CO# | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PSO1 | PSO2 | PSO3 | PSO4 |
| CC-22.1 | 3 | 2 | 2 | 3 | 2 | 2 | 2 | 2 | 3 | 2 | 2 | 3 |
| CC-22.2 | 3 | 2 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 2 | 3 |
| CC-22.3 | 3 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 3 |
| CC-22.4 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 |
| CC-22.5 | 3 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 2 | 3 |
| **Average** | **3.0** | **2.2** | **2.2** | **3.0** | **2.6** | **2.8** | **2.8** | **2.6** | **3.0** | **2.6** | **2.0** | **3.0** |

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| **CC-23: Entrepreneurial Development** | |
| COs | After completion of this course, the students will be able to: |
| CC-23.1 | become aware of entrepreneurship opportunities available in the society for the entrepreneur |
| CC-23.2 | develop a business plan and carry out feasibility study |
| CC-23.3 | understand importance of innovation and creativity in entrepreneurial ventures |
| CC-23.4 | understand governmental framework for entrepreneurial development |
| CC-23.5 | comprehend the role of SIDBI, MSME, SHGs in entrepreneurial development |

**Mapping Matrix**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| CO# | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PSO1 | PSO2 | PSO3 | PSO4 |
| CC-23.1 | 3 | 3 | 2 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 3 | 2 |
| CC-23.2 | 3 | 3 | 2 | 3 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 |
| CC-23.3 | 2 | 2 | 2 | 2 | 3 | 3 | 2 | 3 | 2 | 2 | 2 | 3 |
| CC-23.4 | 3 | 3 | 2 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 |
| CC-23.5 | 2 | 2 | 3 | 3 | 2 | 2 | 3 | 3 | 3 | 3 | 2 | 3 |
| **Average** | **2.6** | **2.6** | **2.2** | **2.8** | **2.4** | **2.4** | **2.2** | **2.4** | **2.4** | **2.4** | **2.6** | **2.6** |

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| **SEC-21: Soft Skills & Personality Development** | |
| COs | After completion of this course, the students will be able to: |
| SEC-21.1 | apply techniques of effective goal setting, follow basic business etiquettes in corporate setting and enhance their self-esteem and confidence |
| SEC-21.2 | apply effective time management skills and enhance their reading, writing, speaking and listening skills |
| SEC-21.3 | apply techniques of self-motivation and motivation of others and adapt to changes in a better manner |
| SEC-21.4 | enhance their EQ and develop creative thinking |
| SEC-21.5 | enhance their personality for focused behaviour |

**Mapping Matrix**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| CO# | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PSO1 | PSO2 | PSO3 | PSO4 |
| SEC-21.1 | 3 | 2 | 3 | 3 | 3 | 3 | 1 | 3 | 3 | 3 | 3 | 2 |
| SEC-21.2 | 3 | 3 | 2 | 1 | 2 | 3 | 2 | 3 | 3 | 3 | 2 | 3 |
| SEC-21.3 | 3 | 3 | 2 | 3 | 2 | 2 | 3 | 2 | 1 | 2 | 3 | 1 |
| SEC-21.4 | 1 | 2 | 3 | 3 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| SEC-21.5 | 2 | 2 | 2 | 3 | 3 | 2 | 3 | 3 | 2 | 2 | 2 | 3 |
| **Average** | **2.4** | **2.4** | **2.4** | **2.6** | **2.4** | **2.6** | **2.4** | **2.8** | **2.4** | **2.6** | **2.6** | **2.4** |

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| **AEC-21: Proficiency in English** | |
| COs | After completion of this course, the students will be able to: |
| AEC-21.1 | understand the basics of grammar to better communicate in the English language |
| AEC-21.2 | read and write in English effectively with gaining experience through practice |
| AEC-21.3 | understand and have a reasonable command over vocabulary in English and intonations |
| AEC-21.4 | speak effective English and then to command through regular practice |
| AEC-21.5 | develop proficiency through use of various media of English, e.g. magazine, audio visual aids, books etc. |

**Mapping Matrix**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| CO# | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PSO1 | PSO2 | PSO3 | PSO4 |
| AEC-21.1 | 3 | 3 | 1 | 2 | 2 | 1 | 3 | 1 | 3 | 1 | 2 | 3 |
| AEC-21.2 | 3 | 3 | 1 | 2 | 2 | 1 | 3 | 2 | 3 | 1 | 1 | 3 |
| AEC-21.3 | 3 | 3 | 1 | 2 | 2 | 1 | 3 | 2 | 2 | 1 | 1 | 3 |
| AEC-21.4 | 3 | 3 | 1 | 2 | 2 | 1 | 3 | 2 | 1 | 1 | 1 | 3 |
| AEC-21.5 | 3 | 3 | 1 | 2 | 2 | 1 | 3 | 2 | 2 | 1 | 1 | 3 |
| **Average** | **3.0** | **3.0** | **1.0** | **2.0** | **2.0** | **1.0** | **3.0** | **1.8** | **2.2** | **1.0** | **1.2** | **3.0** |

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| **AEC-22: Environment Studies** | |
| COs | After completion of this course, the students will be able to: |
| AEC-22.1 | understand the definition of environmental studies, its scope and importance in the conservation of environment |
| AEC-22.2 | understand the concept of ecosystem and different types of natural and artificial ecosystems in the world, the biogeochemical cycling and energy flow in an ecosystem |
| AEC-22.3 | describe the various renewable and non-renewable natural resources and their over-exploitation due to increasing demands of rising population |
| AEC-22.4 | become aware about our biodiversity, its importance and the various threats that are a problem for the biodiversity. they will understand the endangered species and their conservation measures that are needed to be adopted at different levels. |
| AEC-22.5 | have understanding about the types of pollution and how to reduce those pollution levels in air, soil, water, land and from marine bodies as well. they will develop interest in reducing the solid waste generation as well as its management at household level |
| AEC-22.6 | gain knowledge of various global environmental issues like climate change, global warming and ozone depletion and also about different environmental laws implemented to conserve the environment |
| AEC-22.7 | explain the concept of population growth and drug abuse |
| AEC-22.8 | understand the econ-system and environment |

**Mapping Matrix**

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| CO# | PO1 | PO2 | PO3 | PO4 | PO5 | PO6 | PO7 | PO8 | PSO1 | PSO2 | PSO3 | PSO4 |
| AEC-22.1 | 1 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 1 | 1 | 2 | 1 |
| AEC-22.2 | 1 | 2 | 3 | 3 | 3 | 2 | 3 | 3 | 1 | 2 | 3 | 1 |
| AEC-22.3 | 1 | 2 | 3 | 2 | 3 | 2 | 2 | 3 | 1 | 3 | 3 | 2 |
| AEC-22.4 | 1 | 2 | 3 | 3 | 3 | 2 | 3 | 3 | 2 | 2 | 3 | 2 |
| AEC-22.5 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 2 | 3 | 2 |
| AEC-22.6 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 |
| AEC-22.7 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 2 |
| AEC-22.8 | 1 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | 3 | 3 | 3 |
| **Average** | **1.0** | **2.0** | **3.0** | **2.8** | **3.0** | **2.5** | **2.8** | **3.0** | **1.6** | **2.4** | **2.9** | **2.0** |