

**Allotment of VAC, SEC and MDE Courses for Students Progressing to Second Semester:**

**List of Value Added Courses: 2 credits each.**

**A. Understanding India**–One course to be opted by the students of FYUG programme – **Arts** in Semester II

| A | Code     | Course  |
|---|----------|---|
| 1 | VAC23A01 | Understanding India: Fables from Antiquity                                |
| 2 | VAC23A02 | Critical Disability Studies   |
| 3 | VAC23A03 | Glimpse of the Indian Freedom Struggle I                                  |
| 4 | VAC23A04 | Indigenous Ecological Knowledge System: Native Wisdom for a better future |
| 5 | VAC23A05 | Ethical decision making   |
| 6 | VAC23A06 | Understanding Human Rights in India                                       |
| 7 | VAC23A07 | Community Engagement and Social Responsibility                            |
| 9 | VAC23A09 | Peace Education   |

**B. Environmental Science/Education** - One course to be opted by the students of FYUG programme – **Science** in Semester II

| B | Code     | Course  |
|---|----------|---|
| 1 | VAC23B01 | Environmental Studies                               |
| 2 | VAC23B02 | Responsible and Sustainable Tourism                 |
| 3 | VAC23B03 | Climate Change: An Interdisciplinary Perspective    |
| 4 | VAC23B04 | Modelling Solutions to Environmental Problems       |
| 5 | VAC23B05 | Learning with Nature: Understanding Our Environment |
| 6 | VAC23B06 | Introduction to Ecology and Environment             |

**C: Digital Technology** - One course to be opted by the students of FYUG programme – **Arts** in Semester II

| C | Code     | Courses  |
|---|----------|--|
| 1 | VAC23C01 | Introduction to Artificial Intelligence and Machine learning |
| 2 | VAC23C02 | Introduction to Big Data Analysis                            |
| 3 | VAC23C03 | Introduction to Digital Library                              |
| 5 | VAC23C04 | Information Security and Cyber Laws                          |
| 6 | VAC23C05 | History of Mathematics                                       |

**D. Health and Wellness; Yoga, Sports etc** - One course to be opted by the students of FYUG programme –**Science** in Semester II

| D | Code     | Course                                      |
|---|----------|---|
| 1 | VAC23D01 | Yoga – Concepts on way of life and practice |
| 2 | VAC23D02 | Physical education – theory and practices   |
| 5 | VAC23D04 | National Cadets Crops -                     |
| 6 | VAC23D05 | National Service Scheme -                   |

**List of Skill Enhancement Course (SEC) – 3 Credits each – students need to choose one.**

| Sl. | SEC Paper   |
|-----|---|
| 1   | Functional Assamese   |
| 2   | Karyalayi Hindi   |
| 3   | Business Communication  |
| 4   | Introduction to Content Writing   |
| 5   | Pragmatics of Bodo Language   |
| 6   | Scientific Achievements in Medieval Arab II                               |
| 7   | Personality Development and Leadership Skills                             |
| 8   | Cultural Resources and Museum Management                                  |
| 9   | Introduction to Survey Research   |
| 10  | Newspaper Layout and Design   |
| 11  | Applied Critical Thinking   |
| 12  | Understanding Indian Election: A Practical Approach to Electoral Research |
| 13  | Mushroom Technology   |
| 14  | Seribiology& Sericulture Practices  |
| 15  | Data analysis using SPSS  |
| 16  | Programming with Python   |
| 17  | Introduction to Python  |
| 18  | Tools in Computational Chemistry  |
| 19  | Introduction to Web Design  |
| 20  | Measuring Dimensions of Human Development                                 |
| 21  | Geographical Information Systems  |

**Multi-Disciplinary Electives (MDE) – All students need to choose one.**

| Departments                | MDE II – Semester II   |
|----------------------------|--|
| Anthropology               | Evolution and Prehistoric Timeframe  |
| Arabic                     | Contemporary Arab World -II (UAE, Egypt and Oman)                                    |
| Persian                    | Sufism and Its Impact in Indian Society and Culture                                  |
| Assamese                   | Development of Language Skills   |
| Bengali                    | Bengali Race, Travelogue and Children Literature                                     |
| Bodo                       | Indian Short Story   |
| Botany                     | Introduction to plant sciences.  |
| Centre for Women's Studies | Women and Climate Change   |
| Chemistry                  | Fossil Fuels, Pollutants and other Common Chemicals                                  |
| CSIT                       | Information Security & Cyber Laws  |
| DMJM                       | Introduction to Cinema   |
| Economics                  | Business Economics   |
| Geography                  | Hill and Mountain Agriculture in Northeast India: Traditions, Continuity and Changes |
| Geology                    | Dynamic Earth  |
| Hindi                      | जनसंप्रेषण और मीडिया   |
| History                    | History of Science and Technology  |
| Mathematics                | Introduction to Mathematics – II   |
| MBBT                       | Modern Biology II  |
| Persian                    | A Brief history of Indo-Persian literature (from 16th to 19th Century)               |
| Philosophy                 | Studies in Religion  |
| Physics                    | Introduction to Physics  |
| Political Science          | Introduction to Public Policy and Governance   |

|            |  |
|------------|--|
| Psychology | Stress Management                        |
| Sanskrit   | General Introduction to Vedic literature |
| Sociology  | Society in India II                      |
| Statistics | Introduction to Applied Statistics       |
| Zoology    | Ethnobiology of Northeast India          |