

**Table: 1.2 The crosscutting topics of the curriculum relevant to Professional Ethics, Gender, Human values, Environment and Sustainability**

| Programme Code     | Programme Name | Course code | Name of the Course                                   | Year of Introduction |
|--------------------|----------------|-------------|--|----------------------|
| <b>Gender</b>      |                |             |  |                      |
| 550                | MA Economics   | EC 203      | Labour Economics                                     | 2013                 |
| 550                | MA Economics   |             | Economics of Gender and Development                  | 2013                 |
| 550                | MA Economics   | EC2012      | Women and Development                                | 2018                 |
| Second language    | Malayalam      | ML1111.1    | Malayalakavitha- Kavyamalika                         | 2018                 |
| Second language    | Malayalam      | ML1211.1    | Gathyasahithyam                                      | 2018                 |
| 115                | BA Malayalam   | ML 1241     | Nadakavum,Charithravum,Patavum, Prayogam             | 2010                 |
| 115                | BA Malayalam   | ML 1311.1   | Drishyakalasaahithyam                                | 2010                 |
| 115                | BA Malayalam   | ML 1441     | Malayalakavitha-Poorvaghattam                        | 2010                 |
| 115                | BA Malayalam   | ML 1431     | Dalithezhuthu, Pennezhuthu-SidhanthavumAavishkaravum | 2010                 |
| 115                | BA Malayalam   | ML 1542     | Cherukathapadanam                                    | 2010                 |
| 115                | BA Malayalam   | ML 1643     | Malayalakavitha-Utharaghattam                        | 2010                 |
| <b>Environment</b> |                |             |  |                      |
| 550                | MA Economics   | EC 222      | Economics of Social Sector and Environment           | 2013                 |
| 150                | BA Economics   | EC1644      | Environment Economics and Disaster Management        | 2019                 |



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| Programme Code | Programme Name                                       | Course code | Name of the Course                           | Year of Introduction |
|----------------|--|-------------|--|----------------------|
| First Language | Common Language Course for All UG except Bcom and HM | EN 1211.1   | Environmental studies                        | 2015                 |
| 245            | B.Sc. Botany   | BO1542      | Environmental Studies and Phytogeography     | 2014                 |
| 610            | MSc Geology  | GL221       | Environmental Geology                        | 2017                 |
| 250            | B. Sc. Zoology                                       | ZO 1642     | Ecology, Ethology, Evolution & Zoogeography  | 2015                 |
| 636            | MSc Chemistry  | CL 211      | Chemistry of Natural Environmental Processes | 2016                 |
| 636            | MSc Chemistry  | CL 221      | Lanthanides and Actinides                    | 2016                 |
| 636            | MSc Chemistry  | CL 231      | Bioinorganic Chemistry                       | 2016                 |
| 636            | MSc Chemistry  | CL 231      | Nuclear Chemistry                            | 2016                 |
| 250            | BSc Chemistry  | CH1141      | Environmental Chemistry                      | 2016                 |
| 250            | BSc Chemistry  | CH1341      | Nuclear Chemistry                            | 2017                 |
| 250            | BSc Chemistry  | CH1542      | Bioinorganic Chemistry                       | 2017                 |
| 250            | BSc Chemistry  | CH1551 .1   | Nuclear Chemistry<br>Environmental Chemistry | 2017                 |
| 115            | BA Malayalam   | ML 111.1    | Malayalakavitha                              | 2010                 |
| 115            | BA Malayalam   | ML 1141     | Novel charithravumPatavum                    | 2010                 |



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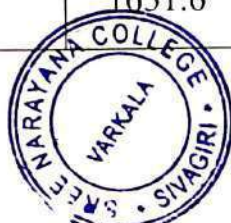




| Programme Code | Programme Name | Course code | Name of the Course                                     | Year of Introduction |
|----------------|----------------|-------------|--|----------------------|
| 115            | BA Malayalam   | ML1211.1    | Gadyasahithyam   | 2010                 |
| 115            | BA Malayalam   | ML1241      | NadakamCharithram, Paadam, Prayogam                    | 2010                 |
| 115            | BA Malayalam   | ML 1311.1   | Drishyakalasaahithyam                                  | 2010                 |
| 115            | BA Malayalam   | ML 1331     | Paristhithi Sidhanthavum Aavishkaravum                 | 2010                 |
| 115            | BA Malayalam   | ML 1441     | Malayala Kavitha Poorvaghattam                         | 2010                 |
| 115            | BA Malayalam   | ML 1431     | Dalithezhuthu, Pennezhuthu,;Sidhanthavum Aavishkaravum | 2010                 |
| 115            | BA Malayalam   | ML 1542     | Cherukathapadanam                                      | 2010                 |
| 115            | BA Malayalam   | ML 1644     | Naadodivijnaneeyam                                     |                      |

### Human Values and Professional ethics

|     |                |           |  |         |
|-----|----------------|-----------|--|---------|
| 220 | BSc Maths      | MM 1551   | Operations Research  | 2014    |
| 150 | BA Economics   | EC1551    | Open Course1- Human Resource Management                          | 2015    |
| 250 | B. Sc. Zoology | ZO 1651.1 | Economic Zoology – Vermiculture & Apiculture                     | 2015    |
| 250 | BSc Chemistry  | CH1221    | Gravimetric Analysis&Safety measures in Laboratory               | 2017    |
| 250 | BSc Chemistry  | CH1221    | Methodology and Perspectives of Sciences and General Informatics | 2017    |
| 140 | B.A.History    | HY 1651.6 | History of Human Rights Movements                                | 2010-11 |



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| Programme Code        | Programme Name                | Course code | Name of the Course  | Year of Introduction |
|-----------------------|-------------------------------|-------------|---|----------------------|
| <b>Sustainability</b> |                               |             |   |                      |
| 245                   | B.Sc. Botany                  | BO1221      | Methodology and perspectives in plant science                     | 2014                 |
| 230                   | BSc Physics                   | PY 1551.5   | Open course: energy physics                                       | 2018                 |
| 230                   | BSc Physics                   | PY 1661.2   | Space science   | 2019                 |
| 230                   | BSc Physics                   | PY 1241     | Heat and Thermodynamics   | 2018                 |
| 230                   | BSc Physics                   | PY 1542     | Statistical Physics, Research Methodology and Disaster Management | 2018                 |
| 210                   | BSc. Geology                  | GL 1552     | Disaster management   | 2013                 |
| 210                   | BSc.Geology                   | GL 1652     | Groundwater Investigation and Management                          | 2013                 |
| 250                   | B. Sc. Zoology                | ZO 1441     | Ecology, Habitat Destruction and Disaster management              | 2019                 |
| 250                   | B.Sc. Zoology (Complementary) | ZO 1431     | Applied Zoology   | 2015                 |
| 250                   | B.Sc. Zoology (Open Course)   | ZO 1551.3   | Human Diseases & their Management                                 | 2015                 |
| 250                   | B. Sc. Zoology                | ZO 1441     | Ecology, Habitat Destruction & Disaster Management                | 2019                 |
| 250                   | BSc Chemistry                 | CH1341      | Chemistry of Nanomaterials  | 2017                 |
| 636                   | MSc Chemistry                 | CH1642      | Soaps, Detergents and Polymers                                    | 2017                 |
| 636                   | MSc Chemistry                 | CL 241      | Chemistry of Advanced materials                                   | 2017                 |
| 636                   | MSc Chemistry                 | CL 242      | Applied Analytical Chemistry                                      | 2017                 |



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