VIMALA COLLEGE (AUTONOMOUS), THRISSUR

Criterion I
Curricular Aspects

1.1.1 Courses having relevance to the local/ national / regional/global developmental needs with learning objectives including program outcomes, program specific outcomes and course outcomes

Assessment Period (2016 – 2021)

1.1.1 Curricula developed /adopted have relevance to the local/ national / regional/global developmental needs with learning objectives including program outcomes, program specific outcomes and course outcomes of all the program offered by the Institution.

Name of Department	Name of Programme	Developmental Needs(Relevance)			
		Local	**Regional**	**National**	**Global**
Botany	B Sc Botany	Develop the basic understanding of plant diversity and applications of plant science in daily life for the societal benefit.(BOT4B04, BOT5B05, BOT5B06, BOT5B07, BOT5B08, BOT5D09, BOT6B10T, BOT6B10T, BOT6B11T, BOT6B12T, BOT6B13T)PO1, PO2, PO6, PO9, PO10, PSO1, PSO2, PSO3, PSO4	Develop the skills in applications of research methodology, bioinformatics, genetics and crop improvement, Horticulture, Environmental Science in daily life and thus in the development of society. The courses in UG provides a foundation for research skills, biodiversity conservation and crop improvement which assist societal development. (BOT4B04, BOT5B05, BOT5B06, BOT5B07, BOT5B08, BOT5D09, BOT6B10T, BOT6B10T, BOT6B11T, BOT6B12T, BOT6B13T) PO1, PO3, PO4, PO6, PO7, PO8, PO9, PSO1, PSO2, PSO3, PSO4	The courses in UG curriculum forms a good base for applications of plant science in research methodology, bioinformatics, genetics and crop improvement, Horticulture, Environmental Science and helps to solve many industrial issues and optimise evironment sustainability(BOT4B04, BOT5B05, BOT5B06, BOT5B07, BOT5B08, BOT5D09, BOT6B10T, BOT6B10T, BOT6B11T, BOT6B12T, BOT6B13T) PO1, PO3, PO4, PO6, PO7, PO8, PO9 PSO1, PSO2, PSO3, PSO4	The courses in UG provides a foundation base for plant research in various allied disciplines of biology, and also contribute to innovative rearch outputs at global level (BOT4B04, BOT5B05, BOT5B06, BOT5B07, BOT5B08, BOT5D09, BOT6B10T, BOT6B10T, BOT6B11T, BOT6B12T, BOT6B13T) PO1, PO2, PO3, PO4, PO6, PO7, PO8, PO9, PSO1, PSO2, PSO3, PSO4
Botany	M Sc Botany	Advanced applications of Botany in daily life and thus in the development of society.(BOT01CT01,BOT01CT02,BOT01CT03,BOT02CT08) PO1, PO2, PO3, PO7, PO8, PSO1, PSO3	Develop basic understanding of plant diversity and applications of plant science in daily life for the development of society. The courses in PG forms a good base for research and applications in Plant breeding, Environmental conservation, Crop improvement and also develop research skills.(BOT02CT07,BOT02CT08, BOT04ET02) PO1, PO2, PO3, PO6, PO7, PO8, PSO1, PSO2, PSO3,PSO4	The courses in PG forms a good base for research and applications of Botany in Genetics, Environmental issues, and in the emerging field of Bioinformatics. Skills in solving many industrial issues and optimise environment sustainability. (BOT02CT07, BOT03CT13, BOT02CT08) PO1, PO2, PO3, PO6, PO9, PO10, PSO1, PSO3	The courses in PG forms a good base for research and applications of Botany in different fields of Biotechnology,Molecular biology and Tissue culture. It also develop skills in identification and analysis of plants by adopting advanced aspects of Taxonomy. (BOT03CT12, BOT03CT13,BOT03CT11, BOT04ET01) PO1, PO2, PO3, PO4, PO5, PO9, PO10, PSO2, PSO4
Chemistry	B Sc Chemistry	This course in UG provides advanced applications of Chemistry in daily life, controll of environmental pollution, waste management and thus contribute towards the development of society (CHE5B06, CHE6B12,CHE6B13(E3), CHE5D01, CHE5D02,CHE5D03) PO1, PO2, PO3, PO9, PSO1, PSO3.	This course in UG provides advanced applications of Chemistry in daily life, controll of environmental pollution, waste management and thus contribute towards the development of society (CHE5B06,CHE6B12,CHE6B13(E3, CHE5D01, CHE5D02,) P01,PO2,PO3,PO9,PSO1,PSO3.This course in UG provides the importance and opportunities of various industries.(CHE6B13(E1)PO1,PO2,PS04,	The courses in UG forms a good base for research writing and also provide Laboratory Hygiene and Safety guidelines. (CHE1B01) PO3,PO4,PS02 Provides foundation to quantum mechanics and bonding which have applications in other disciplines of science.(CHE2B02)PO1,PO3,PSO1 Provide skill in performing qualitative and quantitative analysis in chemical laboratory thereby help in contributions to industrial and scientific research. (CHE4B05(P),CHE6B14(P) CHE6B15(P)CHE6B16(P)CHE6B16(P) CHE6B18(PrPO1,PO2,PO3,PO4,PO6, PSO2 Provide skills in analyzing and solving molecular structures and help in research development. (CHE5B08, CHE6B09, CHE6B10 PO1,PO3,PO4,PO6, PSO2Provides the importance and opportunities of various industries. (CHE6B13(E1)PO1,PO2,PSO4	The courses in UG forms a good base for research writing and also provide Laboratory Hygiene and Safety guidelines. (CHE1B01) PO3, PO4, PSO2.This course in UG provides foundation to quantum mechanics and bonding which have applications in other disciplines of science. (CHE2B02) PO1, PO3, PSO1.These courses in UG provide skill in performing qualitative and quantitative analysis in chemical laboratory thereby help in contributions to industrial and scientific research. (CHE4B05(P), CHE6B14(P), CHE6B15(P), CHE6B16(P), CHE6B16(P), CHE6B18(Pr)). PO1, PO2, PO3, PO4, PO6, PSO2.

Chemistry	M Sc Chemistry	**Advanced applications of Chemistry in daily life and thus in the development of society.(CHE4E04, CHE4C12, CHE4E06) PO1,PO2,PO3,PSO1,PSO2,PSO3**	**Advanced applications of Chemistry in daily life and thus in the development of society. The courses in PG forms a good base for research and applications of Chemistry in other disciplines such as Mathematics, Physical Sciences and Biological Sciences along with novel interdisciplinary subjects and Technological developments. (CHE4E07, CHE3E03, CHE3C09, CHE1C01)PO1,PO6,PO9,PSO1,PSO2**	**The courses in PG forms a good base for research and applications of Chemistry in other disciplines such as Mathematics, Physical Sciences and Biological Sciences along with novel interdisciplinary subjects and Technological developments. Skills in instrumental methods help to analyze and solve many industrial issues and optimise productivity. Skills in industrially relevant areas along with practical knowledge help in contributions to industrial development. (CHE4C12, CHE4E06, CHE4E05, CHE4E04) PO1, PO9, PO10, PSO1, PS02, PSO3**	**The courses in PG forms a good base for research and applications of Chemistry in other disciplines such as Mathematics, Physical Sciences and Biological Sciences along with novel interdisciplinary subjects and Technological developments. (CHE4E07, CHE3E03, CHE1C04-, CHE1C02)PO1, PO2, PO3, PSO1**
Computer Science	B.Sc Computer Science	**Develop the skills in applications of computer in daily life and thus in the development of society (BCS1B01, A12) PO1, PO2, PO3, PO4, PO6, PO7, PSO1,PSO2, PSO3, PSO4, PSO5**	**An ability to understand, design, implement a software to meet desired needs, within realistic constraints. (A11, BCS6B11, BCS6B13, BCS4B05) PO1, PO2, PO3, PO4, PO6, PO7, PO9, PO10 PSO1, PSO2, PSO3, PSO4, PSO5**	**Develop the ability to solve the problems. Also reduce the mannual work and allowed them to speed up practically every task.(BCS2B02, BCS3B04,A11, BCS6B11, BCS6B13) PO1, PO2, PO3, PO4, PO6, PO7, PO9, PO10 PSO1, PSO2, PSO3, PSO4, PSO5**	**Advancements in computer technology reduce hardships and improve the quality of life of people.(BCS5B08, BCS5B09, BCS5B10) PO1, PO2, PO3, PO4, PO6, PO7, PO9, PO10 PSO1, PSO2, PSO3, PSO4, PSO5**
Computer Science	M.Sc Computer Science	**Advanced applications of computers in the everyday life. (CSS1C01: Discrete Mathematical Structures, CSS1C02, CSS2C06, CSS3C11)PO1, PO2, PO4,PO6,PO7, PO10, PSO1,PSO2, PSO3, PSO4, PSO5**	**Expertise in orienting oneself towards the need of changing environments in technical and social domains. To train and equip the students to meet the requirements of the Software industry.(CSS1C04)PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO9, PO10 PSO1,PSO2, PSO3, PSO4, PSO5**	**Expertise in orienting oneself towards the need of changing environments in technical and social domains. (CSS1C04, CSS1C03, CSS3C12 Object Oriented Programming Concepts) PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO9, PO10 PSO1,PSO2, PSO3, PSO4, PSO5**	**Address the industry gap and assimilate technical, logical and ethical skills needed for the industry in the country and outside (CSS3C12, CSS2C09, CSS2C10) PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8,PO9, PO10 PSO1,PSO2, PSO3, PSO4, PSO5**
Home Science	BSc Family and Community Science	**Develop skills for distinguishing different nutrients in different foods and give awareness to local people regarding the importance of each food. FCS1B01 FCS4B04(PO1, PO2, PO3, PO9,PO10, PSO1, PS02, PSO4) Develop skills in managing time, money and energy needed in daily life FCS5B06, FCS6B10, FCS6B11(PO7, PO8, PO9, PO10, PSO2, PSO3, PSO6)**	**Develop skills for suggesting different diets for patients with life style diseases and for different age group people. FCS5B06(PO9, PO10, PSO3, PSO4, PSO6)**	**Develop skills in diet planningfor therapeutic diets at hospitals, new product developments and nutrient analysis at different food industries. FCS4B04, FCS6B09, FCS6B06 (P) (PO9, PO10, PSO3, PSO4, PSO6)**	**Students develops skills in bioinformatics in the field of nutrition. They become aware about about the physical ,mental social and imotional changes of diffent stages of human development in the whole population. Helps in interdisciplinary Research. develop skills helpful in circular fashion contributing to sustainable development FCS2B02, FCS5B05, FCS3B03, FCS6B09, FCS5B08 (PO1, PO2, PO3, PO7, PO9, PO10, PSO1, PSO2, PSO3, PSO6)**
Home Science	M Sc Home Science (Food and Nutrition)	**Develop the skills in understanding nutrients present in different food groups and its functions in growth & development HND1 C03, HND1 C04, HND3 C10 (PO1, PO2, PO4,PO5, PO9, PSO1, PSO2, PSO4, PSO5) Develop skills to assess health status of people in a community and impart nutritional awareness HND3 C11, HND3 L02 (PO2,PO3,PO9,PO10, PSO1, PSO3, PSO4, PSO5) Develop skills to pursue research works in nutrition and health related fields HND1 C05 (PO3,PO4,PO5, PSO5) Develop skills in menu planning preparation of recipes in large scale and serving and in food costing HND2 C07 (PO3,PO4, PSO3)**	**Develop the skills in understanding nutrients present in different food groups and its functions in growth & development and impart the knowlegde to improve the health of the community HND1 C03, HND1 C04, HND3 C10 (PO1, PO2, PO4,PO5, PO9, PSO1, PSO2, PSO4, PSO5) Develop skills for suggesting different diets for patients with life style diseases and for different age group people HND1 C02, HND2 C08, HND2 C09, HND2 C06, HND3 E01, HND4 E03 (PO1, PO2,PO3,PO4, PO5, PO9,PO10, PSO1, PSO2, PSO4, PSO5) Develop skills to provide nutritional counselling to athletes HND3 E02 (PO1, PO3, PO4,PO10, PSO1, PSO2, PSO4)**	**Develop skills for suggesting different diets for patients with life style diseases and for different age group people HND1 C02, HND2 C08, HND2 C09, HND2 C06, HND3 E01, HND4 E03 (PO1, PO2, PO3, PO4,PO5, PO9, PO10, PSO1, PSO2, PSO4, PSO5) HND3 E02 (PO1, PO3, PO4,PO10, PSO1, PSO2, PSO4)**	**Develops skills and indepth knowledge in the field of nutrition. Become aware about the role of nutrition in maintenace of health and thus promoting the productivity of people & contribute to the the global impact of the same HND1 C02, HND1 C05, HND2 C08, HND2 C09, HND2 C06, HND3 E01, HND4 E03, HND4 C12 (PO1, PO2, PO3, PO4,PO5, PO9, PO10, PSO1, PSO2, PSO4, PSO5)**

Home Science	B Sc Home Science (Textiles and Fashion Technology)	Develop the skills in understanding the basics of designing garments and its sociological aspects in daily life. HTF5B08, HTF6B11 (PO1, PO2, PO3, PO6, PO7, PO8, PSO1,PSO2,PSO3, PSO4, PS05)	Develop the skills in applications of surface ornamentations of various regions. The courses in UG forms a good understanding about various traditional textiles on a regional basis. HTF5B07 (PO1, PO2, PO3, PSO1, PSO2,PSO3,PSO4,PSO5)	The courses in UG forms a good base for effiecient and effective methods of production and technological developments. Skills in pattern making,construction, effective usage of softwares and quality control helps to optimise productivity. HTF3B03, HTF4B04, HTF6B10 (PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PSO1, PSO2, PSO3, PSO4, PSO5)	The courses in UG forms a good base for understanding the entreprenurial opportunities and the marketing options in the global scenario. HTF2B02, HTF6B12(E01) - (PO1, PO2, PO3, PO4, PO6, PO7, PO8, PO9, PO10, PSO1, PSO2, PSO3, PSO4, PSO5, PSO6)
Home Science	M Sc Home Science(Textiles and Costume Science)	Advanced applications of illustrating and designing apparel used in daily life HTC1C03, HTC1C04, HTC4E03(1) (PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO10, PS01, PS02)	Advanced applications of textiles in daily life with an aim to safeguard the environment. The courses in PG forms a good base for research and applications in textiles, eco friendly fibers and methodologies that ensure the protection of environment. HTC3E02(1) (PO1, PO2, PO3, PO4, PO6, PO10, PS04)	The courses in PG forms a good base for research and applications of textiles in various fields. Skills in advanced pattern making,construction techniques, quality assurance and textile testing helps to optimise productivity HTC2C06, HTC2L02, HTC3C09, HTC2C08, HTC3C11 (PO1, PO2, PO3, PO4, PO5, PO6, PO7, PSO1, PSO2, PSO3, PSO4, PSO5)	The courses in PG forms a good base for research and applications in textiles, marketing and retailing options and entreprenurial opportunities in the global scenario. HTC1C02, HTC1C05, HTC2C07 (PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PSO2)
Physics	B Sc Physics	Develop skill to design electronic circuits(PHY4 B05, PHY5 B09), Programming skills (PHY5 B06) Creating awareness on nonconventional energy resource (PHY5 D01(1)) PO1, PO3, PO6, PO7, PO9 PSO2, PSO3	Develop skill to design electronic circuits(PHY4 B05, PHY5 B09), Programming skills (PHY5 B06), Creating awareness on nonconventional energy resourceand develop capability to apply knowledge and learning for environmental sustenance (PHY5 D01)PO1, PO2, PO3, PO6, PO7, PO9, PSO2,PSO3	Comprehend the concept of research and develop Research skills on material science and devices (PHY6B14 (EL2), PHY6B14 (EL3), PHY6 B17)Develop skill to design electronic circuits(PHY4 B05, PHY5 B09), Programming skills (PHY5 B06, PHY6 B15, PHY6 B16, Creating awareness on nonconventional energy resource (PHY5 D01(1)) PO1, PO2, PO3, PO6, PO7, PO9 PSO2,PSO3	Research skills on material science and devices (PHY6B14 (EL2), PHY6B14 (EL3), PHY6 B17) Programming skills (PHY5 B06) Creating awareness on nonconventional energy resource (PHY5 D01(1)) PO1, PO2, PO3, PO6, PO7, PO9 PSO2, PSO3
Physics	M Sc Physics	The various course of PG Physics will enable students to become adept at sourcing and utilizing information, Inculcated the ability to function in multidisciplinary domains (PHY3C11, PHY2C08, internalise research culture PO4,PO5,PO7, PSO1,PSO3,PSO4	The various course of PG Physics will enable students to become adept at sourcing and utilizing information, Inculcated the ability to function in multidisciplinary domains (PHY3C11, PHY2C08), internalise research culture) PO4,PO5,PO7, PSO1,PSO3,PSO4	The various courses in PG Physics are relevent in the national and globel developmental needs as they Comprehend the concept of research and develop Research skills on material science and devices, and develop logical skills in the students, PO4,PO5,PO7, PSO1,PSO3,PSO4	The various courses in PG Physics are relevent in the national and global developmental needs as they Comprehend the concept of research and develop Research skills on material science and devices, and develop logical skills in the students, PO3,PO4,PO5,PO7, PSO1,PSO3,PSO4
Psychology	B Sc Psychology	Apply Psychological principles in the process of education and there by fostering the potentials of the student community (PSY6B05-04) PO1, PO2, PO7, P08, PSO1, PSO2, PS05	Apply the principles of organisational behavior in organisational settings(PSY6B05-01) PO7, PO6, PO10, PSO1, PSO2, PS05	Analyse the social problems of the country and can contribute for policy making(PSY5B02,PSY6B02) PO1, PO2, PO7, PO10, PSO1, PSO2, PS05	Able to guide the global community to have a positive outlook on life and also to generate an interest in working of the community with a psychological outlook(PSY6B05-03) PO1, PO7, PO8, PO10, PSO1, PSO2, PS05
Mathematics	B Sc Mathematics	Develop the skills in applications of mathematics in daily life and thus in the development of society.(MT5 B09, MT5B06)PO4, PO6, PO7, PO9, PSO1, PSO3, PSO4.	Develop the skills in applications of mathematics in daily life and thus in the development of society. The courses in UG forms a good base for mathematical modelling in Economics, Biological and Physical Sciences and Technological developments. (MT2B02, MT3B03) PO1, PO4, PO6, PO7, PO9, PSO1, PSO2, PSO4.	The courses in UG forms a good base for mathematical modelling in Economics, Biological and Physical Sciences and Technological developments. Skills in solving transportation and assignment problems and optimisation problems helps to solve many industrial issues and optimise productivity(MT5B06, MT5B08, MT5D03) PO1, PO3, PO4, PO5, PO6, PO7, PO9, PSO1, PSO2,PSO3, PSO4.	The courses in UG forms a good base for mathematical modelling in Economics, Biological and Physical Sciences and Technological developments. (MT4B04, MT5D03, MT5D04) PO1, PO4, PO5, PO6, PO7, PO9, PSO1, PSO2,PSO3, PSO4.
Mathematics	M Sc Mathematics	Advanced applications of mathematics in daily life and thus in the development of society.(MTH3C11, MTH4E11) PO1, PO5, PO7, PO8, PSO1, PSO4.	Advanced applications of mathematics in daily life and thus in the development of society. The courses in PG forms a good base for research and applications of mathematics in Economics, Biological and Physical Sciences and Technological developments. (MTH3C11, MTH4E11) PO1, PO5, PO7, PO8, PSO1, PSO4.	The courses in PG forms a good base for research and applications of mathematics in Economics, Biological and Physical Sciences and Technological developments. Skills in solving transportation and assignment problems and optimisation problems helps to solve many industrial issues, optimise productivity and cyber security. (MTH3C14, MTH3E01, MTH3E02, MTH2A02	The courses in PG forms a good base for research and applications of mathematics in Economics, Biological and Physical Sciences and Technological developments. (MTH1C02, MTH3C14, MT5D04, MTH2A02)

Statistics	B.Sc Statistics	Demonstrate an understanding of the basic concepts of probability and random variables. Apply and interpret basic summary and modelling techniques for bivariate data and use inferential methods in the context of simple linear models with Normally distributed errors. Develop problem-solving techniques needed to accurately calculate probabilities. (STA1B01) PO1, PO2, PO3,PO6, PSO1, PSO4	The students are able to understand the principles underlying sampling as a means of making inferences about a population and to deal with the practical issues arising in sampling studies and helps the students to understand the population information and its sources and also assist the students to develop a frame work for the characteristics of population studies. (STA5B06, STA6B11)PO1,PO2,PO3, PO6,PO7,PO10,PSO1,PSO2,PSO4	This course covers applied statistical methodologies pertaining to time series, with an emphasis on model building and accurate prediction. Completion of this course will provide students with enough insights and modeling tools to analyze time series data in the business world.(STA6B09, STA6B10)PO1,PO2,PO3, PO7, PO9,PO10,PSO1,PSO2,PSO4	Understand the different types of regression and when these are applicable and On completing the course students can understand how to: • manipulate data within R • perform basic data analysis procedures • create plots(STA4B04, STA5B07, STA5B08)PO1,PO2,PO3, PO6,PO7, PSO1,PSO2,PSO3,PSO4
Statistics	M.Sc Statistics	Demonstrate an understanding of the advanced concepts of probability and random variables. Apply and interpret basic summary and modelling techniques for multivariate data and use inferential methods in the context of simple linear models with Normally distributed errors. Develop problem-solving techniques needed to accurately calculate probabilities. (MST1C03, MST1C04, MST3C12, MST4C14) PO1, PO2, PO3,PO6, PO7,PSO2,PSO3, PSO4	The students are able to understand the principles underlying sampling as a means of making inferences about a population and to deal with the practical issues arising in sampling studies. (MST2C08, MST3E10) PO1, PO2, PO3, PO4, PO6, PO7, PO9, PO10, PSO1, PSO3	This course covers applied statistical methodologies pertaining to time series, with an emphasis on model building and accurate prediction. Completion of this course will provide students with enough insights and modeling tools to analyze time series data in the business world.(MST4E02, MST2C06) PO1, PO2, PO3, PO4, PO6, PO7, PO9, PO10, PSO1, PSO5	The students are able to understand the different types of regression and when these are applicable and On completing the course students can understand how to: • manipulate data within R • perform advanced data analysis procedures • create plots (MST3C11, MST2C07, MST2C09, MST1C05, MST2C10, MST3C13, MST4C16) PO1, PO2, PO3, PO4, PO6, PO7, PO9, PO10, PSO5, PSO6
Zoology	B Sc Zoology	Develop the skills in Identification of animals.The elective paper renders the skill of fish farming and animal husbandry in the students. (ZOL1B01T, ZOL2B02T, ZOL3B03T, ZOL4B04T, ZOL6B14BE02T) PO1, PO2, PO3, PSO1, PSO3	Develop the skills as Zookeepers,Environmentalist, Embryologist and Ethologist (ZOL6B12T, ZOL6B11T, ZOL5D01T, ZOL6B13T)PO1,PO2, PO3, PSO1, PSO2, PSO3	The courses in UG forms a good base for the disease diagnosis and disease curation techniques especially in the immunology field (ZOL5B07T) PO1, PO2, PO3, PSO1, PSO2, PSO3	The courses in UG forms a good base for thr molecular and biotechnological lab techniques. (ZOL5B06T, ZOL5B07T, ZOL5B08T)PO1,PO2, PO3, PSO1, PSO2, PSO3
Zoology	M Sc Zoology	Develop the skills in Identification of animals.The elective paper renders the skill of fish farming (ZOL2C06, ZOL3E09, ZOL4E11, ZOL4E12) PO1, PO2, PO3, PO5, PO9, PSO4, PSO5	Develop the skills as Zookeepers,Environmentalist, Embryologist and Ethologist (ZOL1C03, ZOL3C08) PO1, PO2, PO5, PO7, PSO1, PSO2, PSO3	The courses in UG forms a good base for the disease diagnosis and disease curation techniques especially in the immunology field (ZOL3C07) PO1, PO2, PO5, PO7, PSO1, PSO2, PSO3	The courses in UG forms a good base for thr molecular and biotechnological lab techniques. (ZOL1C01, ZOL2C05, ZOL4C10) PO1, PO2, PO5, PO7, PSO1, PSO2, PSO3
Economics	BA Economics	Develop the skills in applications of economic theories in daily life and thus in the development of society.(ECO1B01) PO1, PO2, PO3, PO4, PO6, PO8, PO10, PSO2, PSO6	Develop the skills in applications of mathematics and in daily life and thus in the development of society. The courses in UG forms a good base for assessing regional development in the economy (ECO5B08, ECO6B14) PO1, PO2, PO3, PO4, PO6, PO7, PO8, PO10, PSO1, PSO3, PSO6	Mathematical Economics, The courses in UG forms a good base for mathematical modelling in Economics, evaluation of macroeconomic fluctuations in the economy, structural transformation in the National economy, Budget analysis.(ECO5B10, ECO2B02, ECO5B08, ECO5B07) PO1, PO2, PO3, PO4, PO6, PSO1, PSO2, PSO6	The courses in UG forms a good base for models used to benchmark valuatioin of assets and derivatives, Trade & financial relations among nations (ECO6B11, ECO6B12) PO1, PO2, PO3, PO4, PSO5
Economics	MA Economics	Advanced applications of economic theories in daily life and thus in the development of society.(ECO1C01, ECO2C05) PO1, PO2, PO4, PO5, PO6, PO8, PO9, PSO1, PSO5	The courses in PG forms a good base for making an assessment on the regional development of the economy (ECO1C03) PO1, PO2, PO4, PO5, PO8, PO9, PSO2	The courses in PG forms a good base for research and applications of economic theories in relation with socioeconomic life of humans, framing macroeconomic policies, empirical analysis of economic theories, structural analysis on the national growth and development (ECO4 P14, ECO1 C04, ECO2 C08, ECO1 C03) PO1, PO2, PO4, PO5, PO6, PO8, PO9, PO10, PSO1, PSO2, PSO5	The courses in PG forms a good base for basic and advanced econometric methods in modeling for global economic development, analyse international relations in trade and finance (ECO3C11, ECO4E01, ECO3 C09, ECO4 C12, ECO3 C13) PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PSO3, PSO4, PSO5
English	B A English	To develop the familiarity with the key concepts of English Language and to use them more sensitively in their day-to-day communication needs (ENG3BO4, ENG5B09) PO 1 PO2 PO 5 PSO1 PSO3	Develop the understanding on professional media industry and the forms of writings for mass media (ENG6B17) PO1 PO2 PO5 PO10 PSO1	To develop the skill to appreciate and explore the uniqeness of Indian Writing in English and the pluralistic aspects of Indian culture and identity.(ENG5B10) PO1 PO2 PO3 PSO2 PSO3 PSO4	To hone the sensibility of students to appreciate great world classics, to understand their universal quality and thereby achieve a broader perspective of life (ENG6B12, ENG6B16, ENG5B08) PO1 PO2 PO3 PO7 PO10 PSO2 PS03 PSO4

English	M A English	To create awareness among students concerning gender which guide the current political and literary awareness in this field along with the creative writings of various genres by women (ENG3 E03) PO3 PO7 PO8 PO9 PO10 PSO1 PSO5	To introduce students to the basic concepts and the current developments in language teaching in general and English Language Teaching in particular.(ENG3 E06) PO1 PO2 PO4 PO8 PO9 PO10 PSO1 PS03	To expose students to the scopes of green cultural studies through a variety of ecologically conscious literary works (ENG4 E12) PO1 PO3 PO6 PO7 PS01 PS02 PS03	To make the students familiar with the cultural and geographical specificity and their conformity / challenging of established norms (ENG4 E17, ENG2C07, ENG2CO8, ENG3E02, ENG3E07, ENG3E08, ENG3E09) PO1 PO2 PO3 PO9 PS01 PS03 PS05
English	B A Functional english	To develop confidence to respond in English during situation where the use of English is imperative (FEN1B01, FEN2B02, FEN3B04) PO1 PO2 PO3 PO5 PO7 PSO1 PS02	To make the students familiar with the basic theories of translation and to enable them to translate different types of texts from their mother tongue to English and vice versa (FEN5B07) PO1 PO2 PO3 PO5 PO7 PS01 PS02 PS03	To help the students learn the fundamentals of business correspondence and to get practical knowledge in business correspondence to equip students with better employability skills (FEN4B06) PO1 PO2 PO3 PO5 PO6 PO7 PS01 PS02	To comprehend the history and evolution of American Literature through ages and interpret and appreciate the cultural and literary specificity of the country through selected classic works (FEN4(3)) PO1 PO2 PO3 PO10 PS01 PS02 PS03
Malayalam	B A Malayalam	Social reformations and new sensibility in malayalam poetry.Sensibilty variations in Malayalam story writings.Impacts of modernism in malayalam literature.Reflections of Kerala historical elements in ancient malayalam literature.Chronological analysis of reflections of different ideologies in local culture in kerala (MAL1B01, MAL2B02, MAL3B03, MAL4B05, MAL5B09). PO1, PO2, PO3, PO5, PO10, PSO1, PSO2	Awareness of socio-political movements in Kerala society.Study of dialects of kerala language malayalam.Importance of malayalam computation in literature and language.Historical movements in Kerla society and to political impacts of different historical events in Kerala.(MAL4B06, MAL6B11, MAL6B1, MAL1(2)C01, MAL4(3)C02). PO1, PO2, PO3, PO4, PO5, PO8, PO10, PSO1,PSO3	Relevance of malayalam dramas in socio-cultural scenario of kerala.Relevance of new media system in the life of human beings.History,development of film industry in kerala and India.Influence of Aryas in the culture of kerala society especially in the case of language(MAL3B04, MAL6B18, MAL5D0). PO1, PO2, PO3, PO4, PO10, PSO1, PSO2	Awareness of different ideological movements and its reflections in literature.Awarenss of folk in kerala in the basis of different study methods in folkloristics.cultural identity and crisis of different societies and its reflections in literature.Importance of feminist theories in the process of empowerment of women.Relevance of feminist movements in the process of empowerment of women(MAL5B08, MAL5B10, MAL6B14, MAL6B17, MAL5D03) PO1, PO2,
Malayalam	M A Malayalam	Awareness of fundmental social revolutions in Kerala History. The history and literature its impact in Kerala culture. Reflections of culture in Malayalam Literature. Power relationship in Kerala Society and its consequences in Literature. Different aesthetic waves that reform the society of Kerala. Undrstand media culture. (MALCO3, MALCO1. MALCO2, MALCO5, MALCO10, MAL3E0/4, MAL3E0/8). PO1, PO2,PO3, PO5,PO8,PO10, PSO1, PSO2	Historical cultural reflections in the ancient literature of malayalam.Kerala historical movements and its political impacts.History of malayalam language and planning.Linguistic identity of malayalam language and study of dialects of kerala society.Chronological study of Aeshtetic movements in the malayalam literature.Influence of Aryas in kerala culture.Different Literary critical movements in Kerala literarture.History and development of kerala theatre form,political influences in the development of malayalam drama.Reflection of kerala sociocultural scenario in the history of theatre froms in kerala.Influence of contemporary political,cultural events in malayalam literature,Study of kerala intellectuality(MAL1C01, MAL1C03, MAL2C06, MAL2C0, MAL2C08, MAL3C09, MAL3C10, MAL3E09, MAL3E10, MAL3E11, MAL4E14), PO1, PO2, PO3, PO5, PO8, PO10, PSO1, PSO2	Impacts of modernity in the culuture of india and kerala and its refelctions in malayalam literature.Relevance and historical development of indian literature.Different literary aspects in india.Different aspects of Thamil literature and dravidian literary canons,comparitive study of literature in the basis of culuture.Importance and different tools in the practise of media. (MAL1C02, MAL3E05, MAL3E06, MAL3E08. PO1, PO6, PO10, PSO1, PSO3	International literary aspects and influence of its on malayalam language and literature.International literary aspects and its impact on malaylama language and literature.International movements in tha area of Eco-feminist dalit literature and its reflections inmalayalam literature.Interantional film culture and development of film society in kerala.International literary aspects and its impact on malayalam literature.Awareness of history,development of world literature.Importance of folkloristics in the awareness of culture,history and politics in the study of a scoiety on the basis of international folk study methods(MAL2A02, MAL3E, MAL3E04, MAL3E07, MAL4C15, MAL4E15, MAL4E16) PO1, PO2, PO3, PO5, PO8, PO10, PSO1, PSO2

Social Work	MSW(Master of Social Work)	The programme significantly contributes to the understanding of realities of diverse population in surroundings.Students acquire skills, learn counselling,case work techniques and Social group work techniques and use the same in various fields of Social Work such as school, family counselling centres, Child Guidance Clinic etc.This programme helps students identify the contemporary local issues and realities and assess the needs of the people.Students also acquire skills, learn community organisation techniques and use these same in the nearby communities. They also develop knowledge and skills in identifying various mental health problems in the community and providing early intervention for the disadvantaged population.Students are equipped to work with women in need in our localities without any gender bias.SOW1C01,SOW2C06,SOW2C07,SOW2C08, SOW2C10,SOW 3 C11, SOW 3 E101,SOW 3 E1 03,SOW4E103,SOW4E104, SOW4 E204(PSO1,PSO2, PSO3) ,PO1,PO3, PO4, PO5,PO6, PO7, PO8, PO9, PO10	The programme significantly contributes to the understanding of society and its realities through multiple lenses and realise the scope of social work with vulnerable groups in our society.is very useful for students in working with various NGOs and Government projects addressing various psychosocial issues.Students can work in various counselling centres, schools, family court etc. The students canwork in agencies and projects that deal with women's issues such as domestic violence, micro-credit, reproductive health etc.SOW1C01,SOW2C06,SOW2C07,SOW2C08, SOW2C10,SOW 3 C11, SOW 3 E101, SOW 3 E1 03,SOW 4 E1 03,SOW 4 E1 04,SOW 4 E2 04(PSO1, PSO2, PSO3)PO1,PO3, PO4, PO5,PO6, PO7, PO8, PO9 and PO10	Students apply social work values while working with various client groups.It helps students in working with the marginalised and vulnerable communities and develop projects to address various issues, which are implemented by national governmental and Nongovernmental organisations.They also get opportunities to work with National level Governmental and Non- Governmental institutions and centres that are providing therapeutic interventions. It also helpformulate policies and welfare programmes related to family welfare and family planning and gender related policies. The students also acquire skills to work with various national level organisations working for gender mainstreaming.SOW1C01,SOW2C06,SOW2C07,SOW2C08, SOW2C10,SOW 3 C11, SOW 3 E101, SOW 3 E1 03,SOW 4 E1 03,SOW 4 E1 04, SOW 4 E2 04(PSO1, PSO2, PSO3)PO1,PO3, PO4, PO5,PO6, PO7, PO8, PO9 and PO10	Students practice social work in primary, secondary and tertiary settings globally.Students get opportunities to work as social workers mainly in departments of Health, child protection, Geriatry etc. in different countries.Students can work as research associates in various international projects. They can also work in programmes by various international organisations which aim to curb gender based violence and work towards gender equality.SOW1C01,SOW2C06,SOW2C07,SOW2 C08, SOW2C10,SOW 3 C11,SOW 3 E101,SOW 3 E1 03,SOW 4 E1 03,SOW 4 E1 04, SOW 4 E2 04(PSO1, PSO2, PSO3) PO1,PO3, PO4, PO5,PO6, PO7, PO8, PO9 and PO10
Sociology	MA Sociology	The courses in MA Sociology programme provides the students an ability to look around their surroundings and perceive what is happening in a critical point of view.It also make student capable of analysing the development activities, creating gender sensitivity, the need for inclusion, causes for deprivation as well as the positive and negative aspects of technological innovations.(SOC1 C01,SOC1 C02,SOC2 C 05,SOC2 C06,SOC1A01,SOC3 C09,SOC3 C10, SHGs, SOC3 E03, SOC3E04, SOC4C11, SOC4E06)	Help to develop the skills among students to practically apply the theories to their everyday life and imagine sociologically thereby providing possible solutions.It also promote the students with some moral values, understand critically the major problems in the society ,clear picture of past, present and to some extend future. It also make students to cope with stress, how to study problems, what they can contribute to society and also trying to make them a socially responsible one.It also inculcate training for project planning, how to construct tools as well as how to measure development by incorporating all the sections by considering the environmental aspect also.(SOC1 C01,SOC1 C02,SOC2 C05,SOC2 C06,SOC3C09,SOC3E04,SOC3C10,SOC3 E03,SOC4C11, SOC3 C04,S0C4E06,SOC2 C08)	Inculcate the skill to understand and apply the sociological knowledge on their daily lives and evaluate the things beyond what it seems in our society respective of various social cultural political environmental and economical realms.(SOC1 C01,SOC1 C02,SOC1 C04,SOC2 C05,SOC2 C06,SOC2 C07, SOC3C09, SOC3C10, SOC3 E03, SOC2 C08, SOC3 E04, SOC1C03, SOC4C11, S0C4E06)	Develop different perspectives on social life and social world and provide a strong foundation for building sociological thinking and imagination. Help to develop a comprehensive view on technological advancement,ideological domination and its impact on society.In short, all courses make students capable of diagnosing various problems, thinking Sociologically and also to come up with possible solutions by considering all sections of society in an empathetical manner.(SOC1 C01, SOC1 C02, SOC1C03, SOC2 C05, SOC2 C06, SOC3C09, SOC3C10, SOC3E03, SOC4C11, SOC4C12, SOC4E06, SOC3E04)
Commerce	B.Com	The practical aspect of the course that is project helps to understand the business aspects, entrepreneurial aspects and functioning of banks and co-operative societies.(BCM6B16 (PR)) PO1,PO4,PO8,PSO1	To generate innovative business ideas in the emerging industrial scenario, familiarize with the concept ofentrepreneurship, to familiarize economics from Kerala Context.(BCM4A13, BCM1C01) PO1,PO7,PO8,PSO1,PSO2.	Develops basic knowledge and equip with application of principles and provisions Income - tax Act, 1961 and GST 2016 amended up to date,statutes concerning and affecting business organizations in their operations, knowledge of auditing principles and techniques ,basics of Banking and Insurance. (BCM6 B12, BCM5 B09, BCM3B03, BCM4B06, BCM6B13, BCM4A14) PO1, PO2, PO3, PO6, PSO2, PSO3.	Develop skills for preparing financial statements for various type of organizations, acquire knowledge about financial reporting standards and to understand corporate accounting methods. (BCM3 BO4, BCM2B02) PO1,PO2,PO3,PO6,PSO1,PSO2,PSO3.
Commerce	M.Com	Students do their project work locally and try to understand the different business ventures, their problems and challenges, studying sifferent aspects of banking and insurance. (MCM4PV01) PO1,PO2,PO4,PO5,PSO2,PSO3.	To enable students to understand different investment avenues and risk factors associated with them. Devolping analysis skill to compare different financial avenues. (MCM3EF01, MCM4C14) PO1,PO2,PO3,PO4,PSO2,PSO3	To enable to understand the emerging trends in good governance practices, develop skill for computation of income under various heads, taxable income of various entities, tax planning and procedure of assessment.(MCM1C02 ,MCM3C12, MCM4C15) PO1, PO2, PO3, PO4, PSO1, PSO3	To acquaint with various concepts of Foreign Trade, International Business aspects and financial aspects at global level, providing insight in to some of the important accounting standards of IFRS /Ind AS (MCM2C09, MCM4EF03, MCM2C06) PO1,PO2,PO3,PO4,PSO1,PSO3