

**DETAILED SYLLABUS FOR THE POST OF
ASSISTANT PROFESSOR IN HOME SCIENCE
(EXTENSION EDUCATION)**

KERALA COLLEGIATE EDUCATION

(Category No. : 480/2019)

Module 1: EXTENSION & SOCIAL DEVELOPMENT IN INDIA

Principles, Philosophy, and objectives of Home Science Extension.

Classification, characteristics, and structural organisations of social groups. Institutions for social change and their role in community development.

Inequalities in the society- caste, traditionalism, unemployment, health, illiteracy, migration, poverty, housing, marginalisation, globalisation and urbanisation and its impact on the Indian Economy.

Module II: DEVELOPMENT APPROACHES & PANCHAYAT RAJ

Evolution and history of Panchayat Raj Institutions- developmental approaches, Constitutional linkages in democratic decentralisation.

Five-year plans in India- ongoing developmental programmes in India and Kerala- participatory planning and planning machineries in India and Kerala. Role of NITI AYOJ and supporting machineries.

Principles of participatory planning for community development, history of community development, Role of agencies, stakeholders, resources, and officials in planning.

Need and importance and types of training, agencies offering training for rural and tribal development.

Module III: DEVELOPMENT AND WELFARE

Review on the policies and programmes for the different groups of population. Legislations pertaining to children, adolescents, women and the aged. Life span approach towards development- Childhood, Adolescents, Adulthood, Ageing. Policies on Health, Education, Nutrition and Population.

Social Gerontology- theories of ageing, changing role and status of the aged in the country and State. Dimensions of the aged and the role of extension support systems.

Development and Demographic Variables, Indicators of development, Sources of Population data. Population Data- health, life expectancy, literacy, sex ratio, gender disparity, communicable and non communicable diseases- IMR, MMR. Work-life participation.

Population and Development- Theories of population, fertility, and migration. Methods of Population Projection, Rates of Population Growth. Sustainable development, social issues, and responsible parenthood.

Module IV: RESEARCH METHODOLOGY:

Significance of research. Types of research, criteria of good research, Selection of research problem, Development of hypothesis and its significance, hypothesis testing, Variables – types and characteristics, review of Literature, Research Design, Methods and tools of Data Collection –Interview, Case study, Survey, Scaling methods, Schedules and questionnaires, Reliability and validity of measuring instruments, Sampling Design-Population and sample, Steps in Sample Design, Criteria for selecting a sampling procedure, Different types of sampling techniques – probability sampling and non-probability sampling. Merits and demerits of sampling, Organisation, Analysis and interpretation of Data, Ethics in Research in Home Science, Academic scientific writing, Importance of Plagiarism, Copyrights and Patents, Measures of central tendency and dispersion, Parametric and non-parametric tests, Normal Distribution and its Properties, Large and Small Sample tests and interpretation, Z-test, 't' test, paired 't' test, 'F' Test, Chi square test, Correlation and Regression, Analysis of Variance and its interpretation.

Module V: LIFE LONG LEARNING

Concepts, genesis and growth of adult education in India. National and International perspectives of various aspects of theory and practice of life long learning.

Preparation of need based curriculum for the adult learners, factors responsible and its principles. Role of Continuing Education, Adult Education Centres, Universities, Colleges and State Resource Centres in imparting lifelong learning.

Module VI: SOCIAL ENTREPRENEURSHIP

Conceptual Analysis, significance, characteristics and types of entrepreneurship. Role of various enterprises in national and global economy. Environment Scanning, enterprise selection, feasibility and market study. SWOT Analysis, Resource Mobilisation, Costing, Marketing Management and Quality Control. Gender Issues in Entrepreneurship and agencies promoting the same.

Module VII: DEVELOPMENT COMMUNICATION

History and Concept of Development Communication, Barriers in Communication, Communication for development and social change.

Adoption- Diffusion- Innovation in developmental process. Stages of adoption, diffusion and innovation. Measurement and rate of adoption.

Content development for Development Communication- Traditional Vs folk media, mass media, documentary, ICT in communication, recent trends in communication for development.

Module VIII: SCIENCE AND TECHNOLOGY FOR RURAL DEVELOPMENT

Rural technology, type, classification, need and examples of rural technology.

Management of Waste at the different community levels- classification of waste, its management and 5R's in waste management. Various waste management techniques- Biogas, Vermicomposting, Incineration, Dumping.

Renewable and alternate sources of energy, agencies in promoting science and technology for rural development, Rural Technology Parks, Rural Housing – methods, innovation, technologies adopted for promoting rural housing.

Scientific methods of cultivation and storage of grains, seeds and food at domestic, farm and community levels.

Module IX: COMMUNITY NUTRITION & EXTENSION

Malnutrition – factors, measures to overcome malnutrition, PEM- aetiology, clinical features, tests, prevention.

Assessing the food and nutritional problems of the community- methods available and vital health statistics.

Deficiency diseases- causes and its prevention- Deficiencies of Vitamin A,B,C,D,E,K and hypervitaminosis. Mineral deficiencies- Iron, Iodine, Fluorine, Calcium, Toxicity.

Health Information System- Components of health information system its uses and sources. Role of National and International Agencies in promoting health.

Module X: WOMEN AND GENDER STUDIES

Conceptual Analysis -Theories of feminism, approaches to gender studies, status and role of Women in Pre and Post independent India.

Gender and Sex disparities- Gender mainstreaming. Role of gender in Poverty, Education, Health, Law, Literacy, Empowerment, Employment and Politics.

Policies and Programmes specific to women and gender- Role of National and International agencies in promoting harmony in gender- Provisions in Law.

NOTE: - It may be noted that apart from the topics detailed above, questions from other topics prescribed for the educational qualification of the post may also appear in the question paper. There is no undertaking that all the topics above may be covered in the question paper