

UCC

UNIVERSITY

CONSULTANCY CELL

UNIVERSITY OF KERALA
2020



- ESTABLISHED IN 1937
- RANKED 23RD (NIRF 2020) AMONG UNIVERSITIES IN INDIA
- 'A' GRADE UNIVERSITY UNDER NAAC



The University of Kerala has 43 departments of teaching-cum-research & about 200 permanent teachers & research guides with multiple study centres.

- Industry linkage and facilitation centres of the University
- Kerala University Technology Business Start up Centre (KU-TBSC)
 - Centre for Academic and Industrial Collaboration

SCIENCE & TECHNOLOGY DEPARTMENTS

AQUATIC BIOLOGY & FISHERIES, BIOCHEMISTRY, BIOTECHNOLOGY, BOTANY, CHEMISTRY, COMPUTATIONAL BIOLOGY & BIOINFORMATICS, COMPUTER SCIENCE, DEMOGRAPHY, ENVIRONMENTAL SCIENCES, FUTURE STUDIES, GEOLOGY, MATHEMATICS, NANOSCIENCE & NANOTECHNOLOGY, OPTO-ELECTRONICS, PHYSICS, PSYCHOLOGY, STATISTICS, ZOOLOGY

SOCIAL SCIENCES DEPARTMENTS

ARCHAEOLOGY, COMMERCE, ECONOMICS, EDUCATION, HISTORY, ISLAMIC STUDIES, LAW, LIBRARY & INFORMATION SCIENCES, MANAGEMENT STUDIES, PHILOSOPHY, POLITICAL SCIENCE, SOCIOLOGY

ARTS & HUMANITIES DEPARTMENTS

ARABIC, COMMUNICATION & JOURNALISM, ENGLISH, GERMAN, HINDI, LINGUISTICS, MALAYALAM, MUSIC, ORIENTAL RESEARCH, KERALA STUDIES, RUSSIAN, SANSKRIT, TAMIL



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KEY EXPERTISES IN CONSULTANCY SERVICES

SCIENCE & TECHNOLOGY

CENTRALIZED LABORATORY FOR INSTRUMENTATION AND FACILITATION - CLIF

Elemental Analysis Using Sophisticated Instruments
(ICP-MS, XRD, XRF, CHNS, XPS)
High Resolution Microscopic Studies
(AFM/SPM, SCM, SEM/EDS)
Intensity of IR-Radiation Studies
(Fluorescence Spectrometer, FT-IR)
Sample Purity Studies (NMR Spectrometer)
DNA Sequencing (DNA Sequencer)
Chromatographic Separation Studies

DEPT. OF COMPUTER SCIENCE, FUTURE STUDIES, OPTOELECTRONICS

Signal & Image Processing

DEPT. OF GEOLOGY, FUTURE STUDIES, ARCHAEOLOGY, ENV. SCIENCES

GIS Analysis

DEPT. OF OPTOELECTRONICS

Laser Applications

DEPT. OF OPTOELECTRONICS, PHYSICS, NANOSCIENCE

Nanophotonics, Ceramics

DEPT. OF PHYSICS

Development Of Materials For Dielectric,
Electromagnetic Shielding, Fuel Cells

DEPT. OF BIOCHEMISTRY

Theranostics, Screening of Life Style Diseases,
Cell Culture Studies

DEPT. OF CHEMISTRY

Hydrogen Energy, Corrosion Resistant Coating,
Industrial Surface Finishing Studies

DEPT. OF FUTURE STUDIES, STATISTICS

Computer Modeling & Statistical Modeling

DEPT. OF COMPUTER SCIENCE

Medical Image Analysis, AI, Data Mining

DEPT. OF COMPUTATIONAL BIOLOGY & BIOINFORMATICS

Analysis of Big Data, NGS Data, Phylogenetics
Soft Computing Bioinformatics Tools

DEPT. OF ENV. SCIENCES

PCB Approved-Drinking Water Quality Analysis

DEPT. OF GEOLOGY, FUTURE STUDIES, ENV. SCIENCES

River Bank Mapping & Sand Auditing

DEPT. OF AQUATIC BIOLOGY & FISHERIES

Aquaculture, Aquaponics, Aquarium

DEPT. OF ZOOLOGY

Tissue Culture, Genomic Studies

DEPT. OF BIOTECHNOLOGY, ENV. SCIENCES

Microbial Analysis

DEPT. OF BOTANY

Plant Identification, Herbarium, Microscopic Studies

DEPT. OF DEMOGRAPHY

Demographic Techniques for Public Health, Statistical Data
Analysis, Monitoring & Evaluation Health Programmes

DEPT. OF PSYCHOLOGY

Community Mental Health: Assessment,
Intervention & Psycho-Social Support



KEY EXPERTISES IN CONSULTANCY SERVICES

SOCIAL SCIENCES

DEPT. OF ARCHEOLOGY

Artefact Analysis, Heritage Management, Faunal Analysis, Spatial Analysis in Archaeology, Art and Iconography Documentation, Field Archaeology Investigations

DEPT. OF EDUCATION

Guidance & Counseling Services, Consultancy to Curricular Innovations & Reforms, E-content Development

DEPT. OF ECONOMICS

Economics of Education in India and Kerala, Tribal Economics, Health Economics

INSTITUTE OF MANAGEMENT IN KERALA-IMK

Feasibility Studies, Entrepreneurship, Marketing Strategies, Tourism and Travel Strategies

DEPT. OF SOCIOLOGY

Gender Studies, Social Gerontology, Social Auditing

DEPT. OF COMMERCE

SWOT Analysis, Social Audit, Preparation of DPR, Curriculum Design, Framing and Development, Financial Sector Projects, Market Survey

DEPT. OF LIBRARY & INFORMATION SCIENCES

Library Automation, Digital Reference Service, Database Design & Compilation, Library Website Design

DEPT. OF PHILOSOPHY

Yoga and Healthy Lifestyles, Counselling

DEPT. OF POLITICAL SCIENCE

Socio-political Surveys, Election Analysis, Foreign Policy

ARTS & HUMANITIES

DEPT. OF COMMUNICATION & JOURNALISM

Audience Analysis, Media Graftification, Corporate Communication Services

DEPT. OF ENGLISH, HINDI, MALAYALAM, TAMIL, ARABIC, GERMAN, RUSSIAN

Document Translation, Interpretation & Attestation

DEPT. OF LINGUISTICS

Language Analysis, Learning Disability, Development of Machine Translation Systems, Cyber Linguistics

DEPT. OF GERMAN

Short term courses (A1, A2, B1 and B2 Levels) as per CERFL Guidelines

DEPT. OF MALAYALAM

Correction of Lexical & Grammatical Usage, Editing Works

DEPT. OF SANSKRIT

Editing Works, Sanskrit Subtitling of Films & Documentaries

DEPT. OF MUSIC

Staging of Musical Concerts, Therapy based Musical Programmes



**OUR RECENT CONSULTANCY
CLIENTS**



FHI-UK



Reliance



MGNREGP



World Bank



Federal Bank



Kannur University



Chibro Aqua, Israel



State Resource Centre



Microsoft India (P) Ltd



Asian Development Bank



Trivandrum Corporation



Motor Vehicles Department



Biothera Health Care Group



Kerala State Planning Board



VP Phibro Aquaculture, Israel



Election Commission of India



Kerala State Electricity Board



Kerala State Biodiversity Board



Kerala State Revenue Department



Federal Manipal School of Banking



Kerala State Ministry of Agriculture



Gulati Institute of Finance and Taxation



Japan Bank for International Cooperation



Kerala Sustainable Urban Development Project



Centre for the Study of Developing Societies, New Delhi



Agency for Development of Aquaculture in Kerala

**REVENUE GENERATED BY THE UNIVERSITY
IN THE LAST FIVE YEARS**

Year	2015	2016	2017	2018	2019
Amount (in Rs.)	40,88,747/-	43,41,788/-	21,10,910/-	24,44,617/-	28,01,444/-

TYPES OF CONSULTANCY

1 ROUTINE CONSULTANCY

- Consultancy of a routine nature such as material testing (e.g., water quality testing), analysis of samples (eg. biochemical parameter estimation) measurement, fabrication, calibration, data collection, data entry, and routine translation.
- Academic consultancy such as external student projects/ internships or peer review etc. in the departments for which fees have been approved, shall also come under routine consultancy.
- The Head of the Dept./Centre shall nominally be considered the consultant for routine consultancy.

2 NON-ROUTINE CONSULTANCY

2.1. INDIVIDUAL CONSULTANCY:

Consultancy that does not involve the use of facilities of the University/Departments/Centres and carried out by a consultant.

2.2. INSTITUTIONAL CONSULTANCY:

Consultancy that involves the use of facilities in the University/ Departments/Centres such as equipment, computer, laboratory facilities etc.

2.3. SPONSORED CONSULTANCY:

Project sponsored by industry, non-governmental organization or other institutions and involving activities such as analysis, testing, design, survey, field trial and software development etc.



CONSULTANCY BUDGET FORMULATION

1. WORKING BUDGET/DIRECT EXPENDITURE

This shall cover actual expenditure incurred in providing the consultancy service including wages for casual engagements, field assistants etc, cost of materials, stationery, consumables, reagents, communication, travel, computing data entry etc. The consultant shall also provide for any honorarium for himself/herself under this category.

2. OVERHEAD CHARGES/INDIRECT EXPENSES

This shall be fixed at 15% for individual and 20% for institutional consultancy (ie. components 1 and 2 will add up to 100%) and cover administrative cost and also machinery/infrastructure depreciation and charges for utilization of space, water, electricity, internet etc. In case of individual consultancy where only intellectual resource of the consultant is used, this shall be fixed at 50%.

3. SERVICE CHARGES

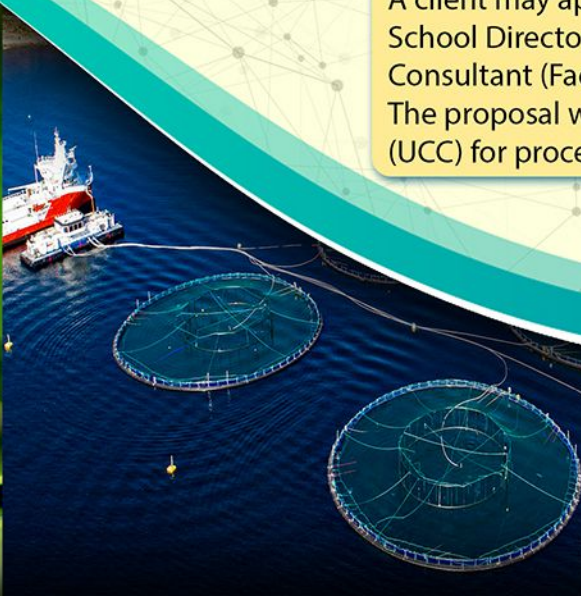
The consultant shall propose to the client additional amount of 18% of the budget (or at rates prevalent) as GST. In the event the client does not provide this explicitly, consultants shall provide for this under direct expenditure.

4. MODE OF OPERATION

University Consultancy Cell (UCC) chaired by the Vice-Chancellor processes all consultancy projects and the Convenor (Director) of UCC is empowered to receive all approved consultancy funds and he will disburse it to the concerned parties.

5. PROCEDURE FOR GETTING CONSULTANCY

A client may approach the Convenor, Consultancy Cell / Registrar/ School Director/ Head of Department and Centre/ Individual Consultant (Faculty/Technical staff of department). The proposal will be forwarded to University Consultancy Cell (UCC) for processing and action





GC, AAS - ENV. SCIENCES



HIGH POWER LASER



AQUATIC BIOLOGY



CLIF BUILDING



LCMS



XPS



NMR

For all enquiries mail:

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For consultancy details, visit :

www.keralauniversity.ac.in/consultancy

For department and faculty details, visit :

www.keralauniversity.ac.in/department



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AQUAPONICS



EXCAVATION: JUNA KHATIYA
GUJARAT



LN2



BIOINFORMATICS