

## COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY

(Abstract)

Department of Chemical Oceanography-Analysis of Chemical Samples in Labs-Collection of charges-Permitted-Orders issued.

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### PLANNING AND DEVELOPMENT DIVISION

No.CUSAT/PL(B).A2/888/2021

Dated,KOCHI-22,27.02.2021

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Read:-1. Letter No. COD/7/PURCHASES & SERVICES/2019-20 dated 01/02/2021

2. Minutes of the Department Council meeting held on 18/01/2021

### ORDER

The Head, Department of Chemical Oceanography, vide his letter read as (1) above, has informed that the Department Council, vide the minutes read as (2) above has decided to permit research students, principal investigators, R&D institutions etc. to utilize the instrumental and analytical facilities available in the department by collecting analysis charges. The HOD has also requested to permit the following as proposed by the Department Council:

1. To fix the analysis charges as per the rates in the list appended and to collect the same to the Department Development Fund.
2. To utilize the amount collected as follows:
  - (a) To remit 10% of the analysis charges collected to CUF
  - (b) To give 20% of the amount collected on each collection to the analyst as honorarium.
  - (c) To retain the balance amount in the DDF to meet the expenditure towards the analysis and other activities.

Considering the proposal, sanction is accorded by the Vice Chancellor permitting the Head, Department of Chemical Oceanography to fix the charges for instrumentation and sample analysis at the department as per the list appended as well as for utilization of the amount so collected for the purposes mentioned as 2 above

Orders are issued accordingly.

**Dr Ansar M S \***

**PLANNING AND DEVELOPMENT  
OFFICER**

To:

1. The Head, Department of Chemical Oceanography.
2. The Finance Officer/Joint Director, KSAD/Director, CIRM/Statistical Officer
3. Finance/IA&I/Audit 'D'/Accounts '1'/Cash sections

#### 4. Day File/Stock File/File Copy

\* This is a computer generated document. Hence no signature is required.

# COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY

Department of Chemical Oceanography  
School of Marine Sciences, CUSAT, Kochi -16

## Rates for Instrumentation/Sample Analysis

Sl.No.	Analysis		Charges in INR*
1	UV-Vis (Scan)		100
2	GC(ECD & FID)		350
3	ICP-OES initial element		350
	ICP-OES additional metal		50
4	Trace Metal Sample Preparation		300
5	AAS initial element		100
	AAS additional element per sample		50
6	Flame Photometer initial element		50
	Additional per sample		25
7	Accelerated Solvent Extractor		200
8	Ion Chromatography	Ions(Fluoride, Chlorite, Bromate, Chloride, nitrite, Nitrate, Bromide, Chlorate, DCA, Phosphate, Sulphate)	300
		Metals(Litium, Sodium, Potassium, Calcium, Magnesium, Zinc, Nickel, Cobalt, Strontium, Barium)	300
		Organic (Sorbitol, Mannitol, Sucrose, glucose, fructose, lactose etc.)	500
9	Water Quality parameters (Ph, Turbidity, Alkalinity, Total Hardness, TDS, Conductivity, Chloride, Residual free Chlorine, D.O, Flouride, Nitrite, Nitrate, Ammonia, Phosphate, Sulphate, Coliform and E.coli)		1000

\* For Educational Purpose (Standard rate)

Extra charges will be levied for sample preparation, processing and consumables

\* GST Extra 18% + 1% Cess

**For Government Labs and Industry the rate will be 2 times and 4 times of the standard rate respectively.**