

COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY

(Abstract)

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

PLANNING AND DEVELOPMENT DIVISION

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

Dated,KOCHI-22,27.02.2021

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.

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

Analysis Charges

| SI No. | Name of the Equipment | | Testing Fee** |
|--------|---|---|--------------------------------------|
| 1 | UV-Vis (Thermo Fisher Scientific) | | 150 |
| 2 | ICP-OES (Thermo Fisher Scientific) | | 500 |
| | ICP-OES additional metal | | 100 |
| 3 | AAS (Thermo Fisher Scientific) | | 150 |
| 4 | Trace Metal Sample Preparation | | 500 |
| 5 | Flame Photometer (Lasany/Scientific Enterprises) | | 100 |
| 6 | Accelerated Solvent Extractor | | 250* |
| 7 | Gas Chromatograph –FID/ECD | | 500* |
| 8 | Gas Chromatograph – Mass Spectrometer (Thermo Fisher Scientific) | | 2000* |
| 9 | LCHRMS (Thermo Fisher Scientific) | | 4000(analysis)* 2000 (infusion)* |
| 10 | FTIR (Perkin Elmer) | | 250 |
| 11 | Lyophiliser | | 800 /Day |
| 12 | Milestone Microwave Digester system | | 200* |
| 13 | Cold centrifuge | | 350/Hour |
| 14 | Nitrogen Evaporator | | 300 /Hour |
| 15 | Rotary Evaporator | | 300 /Hour |
| 16 | TOC, TIC and TN analyser | | 500 |
| 17 | Water quality testing ((pH, Turbidity, Alkalinity, Total Hardness, TDS, Conductivity, Chloride, Residual free Chlorine, D.O, Flouride, Nitrite, Nitrate, Ammonia, Phosphate, Sulphate, Coliform and E.coli)) | | 1600 |
| 18 | Ion Chromatography | Anions (Fluoride, Chlorite, Bromate, Chloride, nitrite, Nitrate, Bromide, Chlorate, DCA, phosphate, Sulphate) | 400* |
| | | Cations (Litium, sodium, Potassium, Calcium, Magnesium, Zinc, Nickel, Cobalt, Strontium, Barium) | 400* |
| | | Organic (sorbitol, mannitol, sucrose, glucose, fructose, lactose etc.) | 400* |

* Extra charges may be applicable for special chemicals and sample preparation

For Educational Purposes (Standard rate) **(For government labs and industry, the rate will be 2 times and 3 times the standard rate respectively)

GST Extra 18 %

COCHIN UNIVERSITY OF SCIENCE AND TECHNOLOGY

Department of Chemical Oceanography

School of Marine Sciences, Lakeside Campus

Kochi-682016

Phone: 0484-2863403, 8281256045

Email: chemoc@cusat.ac.in

SAMPLE ANALYSIS FORM

Date:

Personal Details*

| | |
|-----------------------------------|--|
| Name of the Person: | |
| Designation and Official Address: | |
| Email Address & Mobile No: | |
| User Category: | CUSAT /Other Academic Institution / Industry |

Analysis Details*:

| | |
|--|--|
| Instrument/ Analysis: | |
| Number of samples: | |
| Sample type: | |
| Sample code: | |
| Remarks (sample quantity, sample preparation method (Ref), storage conditions etc...): | |

Payment Details

| | |
|---|--|
| Billing Address: | |
| Signature of Research Guide/ Supervisor (With Seal)*: | |

INSTRUCTIONS

The samples and any required solvents or special chemicals should be submitted, along with the duly filled prescribed request form, to the following address.

| | |
|------------------------|--|
| Address | Head of the Department Department of Chemical Oceanography School of Marine Sciences Lakeside Campus Pallimukk CUSAT Pin: 682016 |
| Account details | CUSAT HEAD DEPARTMENT OF OCEANOGRAPHY Account No.: 67030266627 IFS CODE : SBIN0008614 Broadway, Ernakulam |