



**SATHYABAMA**  
**INSTITUTE OF SCIENCE & TECHNOLOGY**  
(Deemed to be University)  
**INTERNATIONAL RESEARCH CENTRE**  
**CENTRE FOR CLIMATE CHANGE STUDIES**



**Requisition form for consultancy in Molecular Biology and Bioinformatics services**

**Date:**

Name :  
Designation :  
Name of the Institute :  
Email ID & Contact number :  
Information for sample(s) :

**Bill No.**

No.	Sample type (Bacteria/Fungi/Plants/Invertebrates/Vertebrates)	Sample name	Gene name	Product length [kb]	Conc. of enclosed primer*
1.					
2.					

(Please use a separate sheet for more samples)

Total amount :  
Payment Mode :  
DD/Cash :  
(If DD, Name of the Bank/DD Number and Date)

**Signature of the Supervisor/Head**

**Signature of the User**

NOTE: please send 100mg plant/animal tissues, either stored in 95% ethanol or deep freeze conditions. For bacteria, culture in slant/plate is preferred.

\*Only if it is specific primers. Universal primers are available in the facility.

**For any query: 9094486533 (Dr. Amit Kumar), 9498380513 (Dr. S. Prakash)**

**Email: [training.cccs@gmail.com](mailto:training.cccs@gmail.com)**

**FOR OFFICE USE**

Name of the operator:

Date completed:

Signature

Forwarded by



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**Molecular Biology and Bioinformatics services**

S. No.	Services	Gene used	Details	Price (per sample)	
				Internal (Sathyabama Students/ Employees)	Outside (other institutions)
1	<b>Molecular identification and phylogeny:</b>  a) DNA extraction + PCR + Purification+ Sanger Sequencing	16 S rRNA/ 18S rRNA/ ITS/COI /H3	Bacteria/ fungi/ eukaryotic microbes (including phytoplanktons)/ invertebrates/ vertebrates/ plants*	2000/-	2360/-
	b) Everything in a + bioinformatics support (molecular identification and phylogeny)		Chromatogram analysis, sequence edits, NCBI BLAST, Alignment, substitution model selection and phylogeny construction by NJ, and ML approach using suitable software*.	2500/-	2950/-
2.	<b>Bacterial Whole Genome Sequencing</b>  a) DNAQC, library prep., cluster generation, Illumina Sequencing, Raw data		100X coverage*	29500/-	29500/-
	b) Everything in a + bioinformatics support		Includes QC, Genome assembly, annotation, Phylogenomics parameters*.	35400/-	35400/-
3.	<b>Primer design#</b> for sequencing/ qPCR		Specific primers using gene or amino acid sequences, degenerate primers	400/- (per pair)	590/- (per pair)
4.	<b>16S rRNA metagenome (amplicon sequencing)</b>		DNA extraction + 16S r RNA PCR + library preparation, Illumina sequencing, Bioinformatic data analysis and graphical output results.	22000/-	23600/-

\*Additional details will be shared upon enquiry

#Assistance can be provided to order primers with additional cost (will be shared upon enquiry)

**All prices are inclusive of 18% GST**