



Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore-43

PROF.C.N.R RAO RESEARCH CENTRE

REQUISITION FOR CONSULTANCY/SAMPLE ANALYSIS

Name & Designation/Class :
 Department :
 Institution and Address :
 Email id :
 User Category : Industry/Lab/UG/PG/Project Work/Ph.D/Faculty/Others

Mobile Number:

SAMPLE INFORMATION

Number of Samples : Sample Code

Nature of Sample : Solid/Liquid/Metal plate/Glass plate/Polymer film/Textile/Others

Receipt no/Transaction no : Sample discard after analysis: Yes/No

Equipment Outsourcing

S.No	PARTICULARS	No. of Samples	SAMPLE INFORMATION (Kindly enter the details/tick whether if applicable)
1.	FE-SEM & Elemental analysis (with mapping of elements)		Payment to be made for only after email confirmation of slot Magnification: Micro / Nano, No.of Images:
	Expected elements required		
2.	XRD (Powder sample only) If liquid coat on glass substrate		Payment to be made for only after email confirmation of slot
3.	Body Composition Analyzer		
4.	Electrochemical Workstation (Linear Polarisation, EIS, Cyclic Voltammetry, GCD etc..)		Payment to be made for only after email confirmation of slot
5.	Spectrophotometer with Colorlab		Sample Nature: Fabric/Films (min size:2*2)
6.	Texture Analyzer		Sample Nature: Solid only
7.	Ball Mill (min:25g; max:1.2Kg)		
8.	Turbidity Meter(min 25ml)		
9.	Conductivity Meter		
10.	Nano Spray Dryer (200ml)		Sample Nature: Aqueous only
11.	Plasma coater		
12.	Ozone purifier		
13.	Thermo Gravimetric Analyser (TGA)(Powder sample only)		Payment to be made for only after email confirmation of slot
14.	Digital Travelling Microscope		
15.	Ellipsometry		Substrate Refractive index:
16.	Dip coater		
17.	Biospec Nano Spectrophotometer(UV absorbance/simple Nucleic acid &Protein quantitation)		Solubility: Ethanol/Methanol/Aqueous Sample Qty -100µl
18.	FTIR		
19.	3D Optical Profilometer		
20.	Contact Angle meter		
21.	Ultrasonic Homogenizer		Sample Nature: Aqueous only
22.	Design of Experiments(IF data is above 1000 charges vary)		
23.	Centrifuge		Minimum 1000 to Maximum 17000 RPM
24.	Lovibond Visible spectrophotometer		

Date :
Place:

Signature of Student

Signature of Guide/HOD with Seal

Kindly read the Instructions carefully and fill the form. Incomplete forms are not accepted
Sample processing: As per queue

Online Payment details: The Registrar, SB A/C:6059667020(R&C), INDIAN BANK,
ADUC BRANCH, IFSC: IDIB000A005

ANALYSIS OUTSOURCING CHARGES*

S.NO	PARTICULARS	CHARGES PER SAMPLE (RS)		
		Inside Institution	Other Institution	Industries/ R&D'S
1.	FESEM with EDS (4 images only)	700	700	3000
	Each additional image & EDS (per image)	100	100	100
2.	XRD (Slow scan- Rs.500/Sample)	400	400	1000
3.	Body Composition Analyzer	100	100	500
4.	Electrochemical Workstation* &## (per sample/per study)	500	500	1000
5.	Spectrophotometer with Colorlab	50	50	200
6.	Texture Analyzer	100	100	1000
7.	Ball Mill* (per hour/per sample)	50	50	200
8.	Turbidity meter	50	50	100
9.	Conductivity Meter	50	50	100
10.	Nano Spray dryer 1 day	500	1000	3000
	2 days	600	1250	4000
	3 days	700	1500	5000
11.	Plasma Chamber*(per hour/per sample)	100	100	1000
12.	Ozone Purifier	50	50	100
13.	Thermo Gravimetric Analyser Heat rate: 20 °C & above	500	750	2500
	Heat rate: 15 °C	600	850	2600
	Heat rate: 5 °C & 10 °C	900	1000	3000
14.	Digital/USB travelling microscope	50	100	200
15.	Ellipsometry	100	100	400
16.	FT-IR	50	100	250
17.	Dip coater* (Per hour/per sample)	50	100	200
18.	3D Optical Profiler	100	200	4000
19.	Biospec Nano Spectrophotometer* ,# (Sample Qty-100µl)	50	100	200
20.	Contact angle meter	150	250	500
	Surface Energy or Tension value	100	100	100
21.	Ultrasonic homogenizer* (per hour/per sample)	50	50	100
22.	Design of Experiments* (IF data is above 1000 charges vary)	250	250	400
23.	Centrifuge	50	50	100
24.	Lovibond Visible spectrophotometer	Rs. 100 to 1000 (Charges may vary & its Depending upon parameters such as alkalinity, hardness, Ca& Mg hardness, Fe, Cu, Zn, TSS, TDS, pH, & etc)		
25.	Sample Processing Charges	Rs 50 -100 depending on the analysis		

Postal Address: The Coordinator, Prof CNR Rao Research Centre, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore-43

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Note: *** Kindly acknowledge the facility utilized in publications and intimate to us
If samples are not be discarded please collect in person

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Sample processing: As per queue

Contact details: adusamples@avinuty.ac.in



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REQUISITION FOR CONSULTANCY/SAMPLE ANALYSIS

Name & Designation/Class :
Department :
Institution and Address :
Email id : Mobile Number:
User Category : Industry/Lab/UG/PG/Project Work/Ph.D/Faculty/Others

SAMPLE INFORMATION

Number of Samples : Sample Code

:

Nature of Sample : Solid/Liquid/Metal plate/Glass plate/Polymer film/Textile/Others

Receipt no/Transaction no :

Sample discard after analysis: Yes/No

Experiments and Assays

S.No	PARTICULARS	No.of Samples	SAMPLE INFORMATION (Kindly enter the details/tick whether if applicable)
1.	Brine Shrimp Assay		Solubility: Ethanol/Methanol/Aqueous
2.	Phytochemical Screening (50ml or plant extract min 2g)		Solubility: Ethanol/Methanol/Aqueous
3.	Anti-oxidant Assay (10 ml)		Solubility: Ethanol/Methanol/Aqueous
4.	Electrochemical Study Based Antioxidant activity		Solubility: Ethanol/Methanol/Aqueous
5.	Preparation of Silver Nanoparticle		Biosynthesis/Chemical synthesis
6.	Preparation of Gold Nanoparticle		Biosynthesis/Chemical synthesis
7.	Preparation of rGO		Biosynthesis/Chemical synthesis
8.	Preparation of Cu Nanoparticle		Biosynthesis/Chemical synthesis
9.	Preparation of Zn Nanoparticle		Biosynthesis/Chemical synthesis
10.	Preparation of Bimetallic nano		Biosynthesis/Chemical synthesis
11.	Contact angle Surface energy calculation		
12.	Preparation of Soap		
13.	Preparation of Electrodes		
14.	Ozonation of Materials/Plant Extracts		
15.	Plasma Treatment of Samples		
16.	Ointment Preparation		
17.	Molecular Docking using Hex		
18.	Soil/Water testing		Parameters:
19.	Preparative TLC Methods		
20.	Estimation of pH		
21.	Calorimetry-based Qualitative Estimation of Elements		Elements:

Date :
Place:

Signature of Student

Signature of Guide/HOD with Seal

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ANALYSIS OUTSOURCING CHARGES*

S.NO	PARTICULARS	CHARGES PER SAMPLE (RS)		
		Inside Institution	Other Institution	Industries/ R&D'S
1.	Brine Shrimp Assay	500	1000	2000
2.	Phytochemical Screening (50ml or plant extract min 2g)	500	500	1000
3.	Anti-oxidant Assay (10 ml)	350	350	500
4.	Electrochemical Study Based Antioxidant activity	500	500	1000
5.	Preparation of Silver Nanoparticle	250	250	500
6.	Preparation of Gold Nanoparticle	500	500	1000
7.	Preparation of rGO	300	300	1000
8.	Preparation of Cu Nanoparticles	250	250	500
9.	Preparation of Zn Nanoparticles	250	250	500
10.	Preparation of Bimetallic Nano	700	1000	2000
11.	Contact angle Surface energy calculation	200	200	500
12.	Preparation of Soap	250	500	1000
13.	Preparation of Electrodes	250	350	700
14.	Ozonation of Materials/Plant Extracts	100	100	200
15.	Plasma Treatment of Samples	200	300	500
16.	Ointment Preparation	500	700	1000
17.	Molecular Docking using Hex	500	500	1000
18.	Soil/Water testing	Rs. 50 to 1000 (Depending upon parameters)		
19.	Preparative TLC Methods	200	300	500
20.	Estimation of pH	50	50	100
21.	Calorimetry-based Qualitative Estimation of Elements	Rs. 50 to 1000 (Depending upon parameters)		

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PROF.C.N.R RAO RESEARCH CENTRE

REQUISITION FOR COURSES/INTERNSHIP/TRAINING

Name & Designation/Class :
Department :
Institution and Address :
Email id :
Mobile Number :
User Category : Industry/Lab/UG/PG/Project Work/Ph.D/Faculty/Others
Number of Days :
Duration : FromTo.....
Accommodation (Female only) : Yes/No
Receipt no/Transaction no :

Internship/Training

S.No	PARTICULARS	NO. OF DAYS	CHARGES(RS) (Excluding chemical charges)
1.	Internship	7 to 10	1000
2.	Internship	15	1500
3.	Internship	30 days/one month	2000
4.	Project Work	3 months	5000
5.	Project Work	6 months	10000
6.	Project Work	12 months	20000
7.	Summer Training	5 to 30	500 to 5000 (Depending upon instruments)

Courses

S.NO	COURSE	FEE	CREDIT
	Certificate Course –UG		
1.	Phytochemical Techniques and Assays	1500	2
2.	Advanced Instrumentation and Analytical Methods for Material Science	2000	2
3.	Advanced Organic Skincare Formulation	2000	2
4.	Analytical and Phytochemical Techniques	2000	2
	Professional Certificate Course-PG & Ph.D Scholars		
5.	Phytochemical Techniques and Assays	2000	4
6.	Advanced Instrumentation and Analytical Methods for Material Science	2500	4
7.	Advanced Organic Skincare Formulation	2500	4
8.	Analytical and Phytochemical Techniques	2000	2

Date :
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