UNIVERSITY SCIENCE INSTRUMENTATION CENTRE
BHARATHIDASAN UNIVERSITY
TIRUCHIRAPALLI- 620 024

DYNAMIC LIGHT SCATTERING AND ZETA POTENTIAL - REQUISITION FORM

Form No:	
Date:	

Name of the User				
Contact No- **Email ID-**				
Designation				
Area of Research work				
Institutional Address				
Number of samples				
Dispersant	Name	RI*	Viscosity	Dielectric constant
Measurement mode	☐ Zeta Potential		☐ Particle Size Analyzer	
Result output file format	☐ PDF		☐ CSV	

Payment Details

Draft/URN No.	Bank	Date	Amount ₹ (Incl.-18% GST)

I hereby agreed to terms and conditions of the institution rules for analyzing my samples and the results obtained here will be properly acknowledged for this instrument & facility without fail.

User's Signature	

RI*-Refractive Index.

Forwarded By,

Signature of Research Supervisor
(with seal)

Note: Bring fresh CD/DVD for copying the results.

Office use only

Serial No. : _____ Date of receipt of Sample : _____

No. of Samples : _____ Date of analysis (Tentative) : _____

Date of completion : _____

Technical Asst. Initial

Type of User : ☐ Internal- BDU ☐ BDU- Affiliated ☐ External Academic ☐ Industry

Payment verification :

Junior Asst. Initial

Remarks:

Recommended,

Signature of the Coordinator - USIC
(Dr. B. KADALMANI)

Note: Bring fresh CD/DVD for copying the results.

The users should do the followings for using
DYNAMIC LIGHT SCATTERING AND ZETA POTENTIAL:

☛ *Please specify if these samples are hazardous (corrosive/explosive/radioactive, etc.). If so, specify the appropriate handling instructions please attach material safety data and other details (if any) along with the sample.*

☛*Bring all necessaries for sample preparation like, pure ethanol, buffers, soft tissue papers, pipettes, tips and fresh CD for copying data.*

☛ *Your sample needs to meet all these criteria:*

- *Clear, without any visible precipitation or solid impurities*
- *No air bubbles*
- *Minimum sample requirement: 5-8 mL* (Less concentrated).

☛*Sample containers should be uniquely identified and appropriately labeled.*

☛ *Please provide the information about any specific sample preparation method required, chemicals to be used, range of instruments to be used, any literature or past analytical experience*

☛*No chemicals or consumables will be provided; user needs to bear all the necessary things related to their sample preparation. Well prepared samples will be analyzed through the instrument.*

Users are requested to acknowledge **"USIC-BDU & DST-PURSE** (**Phase 1 & 2**) for instrumentation support**"**, for the publication of the work. Acknowledged papers should be sent to this office after publication.

Note: Bring fresh CD/DVD for copying the results.