



**Avinashilingam Institute for Home Science and Higher
Education for Women**

(Deemed to be University Estd. u/s 3 of UGC Act 1956, Category
A by MHRD) Re-accredited with 'A++' Grade by NAAC.

Recognised by UGC Under Section 12 B Coimbatore-641 043,
Tamil Nadu, India

**Report on the Workshop "Dynamic Light Scattering and
its applications"**

organized

by

Bharat Ratna Prof. CNR Rao Research Centre

on

25th August 2022

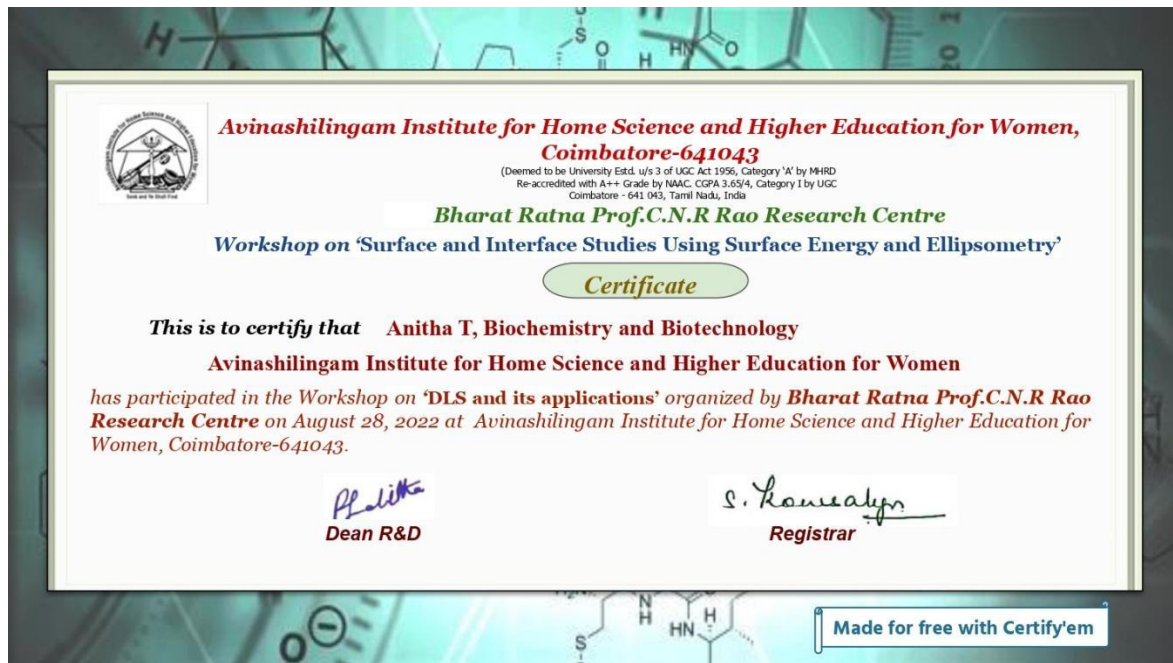
at Gallery

Report on the Workshop “Dynamic Light Scattering and its applications”

The workshop on “Dynamic Light Scattering and its applications” organized by Bharat Ratna Prof.CNR Rao Research Centre is held on 25th August 2022 from 3.30 – 5.00pm at Gallery in Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore. The resource person of the session is Dr.Anand Tadas, Application Scientist from Malvern Panalytical. The workshop began with a brief introduction of the Speaker by Ms. Pon Nivetha, A, Research Scholar of Chemistry. It was followed by a comprehensive talk on the fundamentals and significance of particle size in various domains by the resource person. Around 24 Research scholars from Chemistry, Physics and Food Science benefited from the lecture. The advantages of DLS over other particle size measurements such as cost-efficient, rapid and facile operation are highlighted. The instrumental section and the ways to overcome the challenges for precise and accurate measurements were detailed. Various information obtained from DLS like particle size, polydispersity index, zeta potential, surface charge and particle-medium interactions are illustrated. The participants actively interacted and clarified their queries with a feedback note from one of the participants. The session is culminated by the formal Vote of Thanks from Ms.Akhila C, Research Scholar of Chemistry.



Dr. Anand Tadas explaining the diverse fields of applications of DLS





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Coimbatore - 641 043, Tamil Nadu, India

Bharat Ratna Prof.CNR Rao Research Centre

Workshop on

“Dynamic Light Scattering and its applications”

On 25.08.2022

Time: 3.00 pm to 4.30 pm

Dr.P.Lalitha

Director, R&D

**Avinashilingam Institute for Home Science and Higher
Education for Women**

Will deliver the introductory talk

Resource Person

Dr.Anand Tadas

Application Scientist

Malvern Panalytical

Free Registration: No fee

Eligibility – Interested Research Scholars and Faculty, PG students



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Coimbatore - 641 043, Tamil Nadu, India

Workshop on “DLS and its applications”

On

25th August 2022, Thursday 3.00pm-4.30pm

PROGRAMME

3.00- 3.05 pm

: Prayer

3.05- 3.15 pm

: Welcome

Dr.P.Lalitha

Professor of Chemistry,
Director, R & D

Avinashilingam Institute for Home Science and
Higher Education for Women

3.15 - 4.25pm

: Technical Session

“DLS and its applications”

Dr.Anand Tadas

Application Scientist

Malvern Panalytical

Feedback Session / Interaction

4.25pm- 4.30pm

: Vote of Thanks

Research Scholar

Registration link: <https://iaavurl.com/cx0vcnww>

The organizers thank the authorities of the Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore for the necessary approvals and opportunity to conduct this event



Dr. J. S. Jeyaraj
17/9/2022