



श्रीच शेरुवे सर वती व महा व लयः
**Sri Chandrasekharendra Saraswathi
Viswa Mahavidyalaya**
(Deemed to be University u/s 3 of UGC act 1956)
(Accredited by NAAC with 'A' Grade)
Enathur, Kanchipuram, Tamil Nadu
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Empowering
educators for
excellence

**Faculty development program for
Sankara School Teachers
May 15-18, 2024**

**Organised by
Faculty of Education &
Faculty of Science, SCSVMV**





**With the Benign Blessings of
His Holiness Pujyasri Sankara
Vijayendra Saraswathi Swamigal**



**“The magic lies in the teacher,
not the classroom”**

The inaugural function will be presided over by



Prof. Dr. G. Srinivasu
Vice-Chancellor i / c
SCSVMV

Chief Guest



Prof. Dr. N. Panchanatham
Former Vice-Chancellor
Tamil Nadu Teachers Education University

Felicitation



Dr. Y. Chandramouli,
Visiting Professor Computer Science,
Chennai Mathematical Institute;
Secretary, Sankara Educational Trust

Inaugural Function

15 May 2024 | 10 am

**@ Adi Sankara Auditorium,
II Floor, Library**

Faculty Enrichment Programme for School Teachers

Empowering Educators for Excellence

15 – 18, May 2024

A faculty development programme for Sankara School Teachers from all over Tamilnadu was organised by the Faculty of Education and Faculty of Science during 15-18, May 2024. The Dean, Faculty of Science & Education, Professor Dr.K. Venkatramanan convened the event. Heads of the department of Physics, Chemistry, Mathematics, Commerce and Computer Science & Applications arranged various lecture and lab sessions for the school teachers during the programme.

The Inagural function was presided over by hon'ble Vice Chancellor of SCSVMV Prof.Dr.G.Srinivasu. The Chief Guest Prof.Dr.N.Panchanatham, Former Vice Chancellor, Tamilnadu Teachers Education University, delivered the Chief Guest address. Dr.Y.Chandramouli, Visiting Professor of Computer Science, Chennai Mathematical Institute and Secretary, Sankarara Educational Trust delivered the felicitation address. The department of Physics in collaboration with Electronics and Instrumentation department arranged various lecture and lab sessions as follows;

SESSION SCHEDULE

Date	Session – I 10.00 am – 11.15 am	Session – II 11.30 am – 12.45 pm	12.45 pm – 1.45 pm	Session – III 02.00 pm – 02.45 pm	Session – IV 03.00 pm – 04.00 pm
16.05.2024	Introduction to Carbon Quantum Dots Dr. M.Sundarrajan, HoD, Physics	Basic Electronics DR.T.Lakshmbai, HoD, EIE		Crystal Growth and Applications Dr.R.Raja, Asst. Professor of Physics	Thin film growth and applications Dr.J.Suganthi, Assistant Professor of Physics
17.05.2024	Introduction to Nanofluids Prof. Dr. K.Venkatramanan, Prof.& Dean (Science)	Ayurveda and its importance Prof. Dr. S.Swaminathan Professor & Dean (Health Sciences), SJSAC&H		Lab Session Exploring Electronic Circuits @Electronics & Instrumentation Dept., Sanskrit Block	
18.05.2024	Application of Sensors Dr. K.Saraswathi Dr. R. Janani Asst. Professors / EIE	Photo Session & Valedictory function			

SPEAKERS



INTRODUCTION TO NANOFUIDS

Prof. Dr. K. Venkatramanan
Prof. & Dean
Faculty of Science & Education
SCSVMV



CRYSTAL GROWTH AND APPLICATIONS

Dr. R. Raja
Asst. Professor of Physics
Department of Physics, SCSVMV



INTRODUCTION TO CARBON QUANTUM DOTS

Dr. M. Sundarrajan
Asst. Professor & HoD
Department of Physics, SCSVMV



THIN FILM GROWTH AND APPLICATIONS

Dr. J. Suganthi
Asst. Professor of Physics
Department of Physics, SCSVMV

Introduction to Nanofluids

Prof. Dr. K.Venkatramanan
Prof.& Dean (Science)

Prof. Dr. K.Venkatramanan, Dean, Faculty of Science and Education, Professor of Physics gave a talk on Introduction to Nanofluids. He explained the basic concepts on nanofluids, its synthesis and various applications. He explained various investigations on nanofluids using Ultrasonic Techniques. He explained some of the investigations with the instruments.



Introduction to Carbon Quantum Dots

Dr. M.Sundarrajan
Asst.Prof. & HoD, Physics

Dr.M.Sundarrajan, Asst. Professor and HoD of Physics gave a talk on Introduction to Carbon Quantum Dots. He explained the basic concepts on nanomaterial, its evolution from the ancient period, their properties, various synthesis processes and applications. He explained specifically about carbon quantum dots, their properties, synthesis processes and applications.



Crystal Growth and Applications

Dr.R.Raja

Asst. Professor, Physics

Dr.R.Raja, Asst. Professor of Physics gave a talk on Crystal Growth and Applications. He described the basic nature of crystals and its existence in nature. He explained various synthesis processes and applications of various crystals. All characterization techniques for the grown crystals were also discussed by him.



Thin film growth and applications

Dr.J.Suganthi

Assistant Professor, Physics

Dr. J.Suganthi, Asst. Professor of Physics gave a talk on Thin film growth and Characterizations. She explained the essential concepts in thin film formation and pointed out various properties and applications. She explained various processes for the thin film formation with their merits and demerits.



Lab Session

Thin film Coating, Ultrasonic Interferometer & Crystal growth techniques

A lab session was arranged for all the participants. Practical demonstrations were carried out with thin film coating unit, Ultrasonic Interferometer and Sieveshaker. The participants were interestingly involved in listening about the instrument and on its working. The practical demonstrations were carried out by the senior lab instructors Dr.R.Padmanaban, Mr.S.Girivel and Mrs. J.Sudha along with all the faculty members of the department.

