

## Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya

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## DEPARTMENT OF PHYSICS

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## Department of Physics, Sixth national workshop on instrumentation techniques (PINTECH' 18) on March 12, 2018.

[Invitation \(pintech2018/invitation%20Front%20copy.JPG\)](#)[Registration Form \(pintech2018/Registration%20Form.pdf\)](#)

The Department of Physics organized Sixth National Workshop on Instrumentation Techniques In Physics [PINTECH'18] on 12-03-2018. Prof.Dr.K.Venkatramanan, Head, Department of Physics & Convener ◆ PINTECH'18 welcomed the gathering. Dr.V.Ragavendran, Asst. Prof. of Physics & Organizing Secretary - PINTECH'18 narrated the objectives of the workshop. Prof.Dr.G.Srinivasu, Registrar, SCSVMV, the President of the function honoured the Chief Guest Prof.Dr.Ramasamy Murugan, Professor and Head, Department of Physics, Pondicherry University and released the manual on various Instrumentation techniques covered in PINTECH 2018 and the first copy was received by the Chief guest.

Prof.Dr.bRamasamy Murugan, addressed the gathering and inaugurated the workshop. Prof. Dr.S.Balaji, Dean (Faculty of Science) and Prof. K.C.Srinivas, Director, Sri Jayendra Saraswathi Centre for Advanced Research (SJCAR) felicitated the gathering. The first keynote address was delivered by Prof.Dr.Ramasamy Murugan on the topic ◆ Instrumentation for Synthesis and Characterization

of Advanced Functional Materials and the second keynote address was delivered by Prof.K.C.Srinivas on the topic Scientific Instruments as Import Substitutes / affordable options to Educational Institutions an initiative of SCSVMV Deemed University. Participants clarified their queries during the discussion time. In the afternoon session, participants were divided into batches and the fundamentals and working principle of various instrumentation techniques were explained and demonstrated.

Instrumentation techniques demonstrated are:

Thin Film Characterization (PVD method)


Rheology & Ultrasonic Studies (Solids & Liquids)

Molecular modeling (Gaussian & Gauss view)

Mineralogical studies

Crystal growth and Characterization


FTIR Techniques



## DEPARTMENT OF PHYSICS

### SRI CHANDRASEKHARENDRASARASWATHI VISWA MAHAVIDYALAYA

(Deemed to be University u/s 3 of UGC Act 1956)  
(Accredited with "A" Grade by NAAC)  
Enathur, Kanchipuram-631 561, Tamil Nadu.



### SIXTH NATIONAL WORKSHOP ON INSTRUMENTATION TECHNIQUES IN PHYSICS [PINTECH' 18]

March 12, 2018

<p><b>ABOUT THE UNIVERSITY:</b> Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya, formed under the aegis of Sri Kanchi Kamakoti Peetam Charitable Trust in 1993, is located in a sprawling complex of 50 acres at Enathur, at a distance of about 4km from Kanchipuram. It has an unique focus on integrating traditional knowledge with modern scientific practices with a global outlook. Our Mahavidyalaya obtained 'A' grade from NAAC for all the offered programmes.</p> <p><b>ABOUT THE DEPARTMENT:</b> The Department of Physics established in 1994 serves with the dynamic mission to achieve excellence in both academic and research perspectives. The department offers undergraduate, postgraduate and research programmes (B.Sc., M.Sc., M.Phil and Ph.D). The department also supports I Yr. B.E / B.Tech. &amp; MCA courses. The current areas of research are Spectroscopy, Applied Spectroscopy, Crystal growth, Thin films, Ultrasonics, Nano physics &amp; Astro physics.</p> <p><b>OBJECTIVES OF THE WORKSHOP:</b> The workshop is intended for faculty members, Ph.D / M.Phil research scholars and PG students in Physical sciences. The workshop aims at imparting hands on training on Physical instrumentation techniques related to the following topics.</p> <ul style="list-style-type: none"> <li>● Thin Film Characterization (Physical Vapour Deposition)</li> <li>● Rheology &amp; Ultrasonic Studies (Solids and Liquids)</li> <li>● Molecular modelling using Gaussian &amp; Gauss View (For beginners)</li> <li>● Spectroscopical characterization of sediments</li> <li>● FTIR Technique</li> <li>● Crystal growth and characterization</li> </ul>	<p><b>ELIGIBILITY:</b> PG students, M.Phil/ Ph.D research Scholars and Faculty members in the disciplines of Physical sciences are eligible to apply.</p> <p><b>REGISTRATION FEE:</b></p> <table style="width: 100%; border: none;"> <tr> <td>PG Students</td> <td style="text-align: right;">: Rs. 100/-</td> </tr> <tr> <td>Research Scholars (M.Phil/Ph.D.)</td> <td style="text-align: right;">: Rs. 200/-</td> </tr> <tr> <td>Faculty members</td> <td style="text-align: right;">: Rs. 500/-</td> </tr> </table> <p>(The Registration Fee includes kit, Lunch &amp; Snacks)</p> <p><b>Details for Payment :</b></p> <table style="width: 100%; border: none;"> <tr> <td>Name</td> <td>: Sankara Bhautikasastri Parishad</td> </tr> <tr> <td>A/c No.</td> <td>: 6182054726</td> </tr> <tr> <td>Name of Bank/Branch</td> <td>: Indian Bank, SCSVMV Branch, Enathur, Kanchipuram.</td> </tr> <tr> <td>IFSC Code</td> <td>: IDIB000S145</td> </tr> </table> <p><b>Last date for Registration:</b> 07-03-2018 <b>Intimation of Selection :</b> 08-03-2018</p> <p><b>The Registration form may be sent to:</b> Dr. V. Ragavendran, Organizing Secretary - PINTECH' 18 Department of Physics, SCSVMV, Enathur, Kanchipuram - 631 561. Mob: 9994015808.</p> <p><b>Scanned copies of the registration form along with proof of payment can be sent to:</b> pintech.scsvmv@gmail.com</p> <p><b>ORGANISING COMMITTEE:</b></p> <p><b>Chairman :</b> Prof. Dr. V. S. Vishnu potty, Vice-Chancellor</p> <p><b>Vice-Chairman :</b> Prof. Dr. S.Balaji, Dean, Faculty of Science</p> <p><b>Convener :</b> Prof. Dr. K. Venkatramanan, Head of the Department</p> <p><b>Organising Secretary :</b> Prof. Dr. V. Ragavendran, Assistant Professor</p> <p><b>Members:</b></p> <table style="width: 100%; border: none;"> <tr> <td>Prof. C. V. Venkatakrisnan</td> <td>Mr. V. S. Vignesh</td> </tr> <tr> <td>Prof. Dr. M. Sundarajan</td> <td>Mrs. N. Sariha</td> </tr> <tr> <td>Prof. Dr. R. Raja</td> <td>Mrs. J. Sudha</td> </tr> <tr> <td>Prof. J. Suganthi</td> <td>Mr. S. Girivel</td> </tr> <tr> <td>Prof. Dr. K. Rajalakshmi</td> <td>Mr. R. Padmanaban</td> </tr> <tr> <td></td> <td>Mr. E. Ramkumar</td> </tr> </table>	PG Students	: Rs. 100/-	Research Scholars (M.Phil/Ph.D.)	: Rs. 200/-	Faculty members	: Rs. 500/-	Name	: Sankara Bhautikasastri Parishad	A/c No.	: 6182054726	Name of Bank/Branch	: Indian Bank, SCSVMV Branch, Enathur, Kanchipuram.	IFSC Code	: IDIB000S145	Prof. C. V. Venkatakrisnan	Mr. V. S. Vignesh	Prof. Dr. M. Sundarajan	Mrs. N. Sariha	Prof. Dr. R. Raja	Mrs. J. Sudha	Prof. J. Suganthi	Mr. S. Girivel	Prof. Dr. K. Rajalakshmi	Mr. R. Padmanaban		Mr. E. Ramkumar
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