

INTERNATIONAL CONFERENCE ON  
FRONTIER AREAS OF PHYSICS  
(INACFAP-2014)

18<sup>th</sup> and 19<sup>th</sup> DECEMBER 2014



EDITORS

Prof. Dr. K. Venkatramanan - Prof. C.V. Venkatakrishnan



*Organized by*

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(University established under section 3 of the UGC Act 1956)

(Accredited with "B" by NAAC)

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## ABOUT THE UNIVERSITY

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. The University has a unique focus on integrating traditional knowledge with modern scientific practices with a global outlook. The University obtained 'B' grade from NAAC for all the offered programmes.

## ABOUT THE DEPARTMENT

The Department of Physics established in 1994 serves with the dynamic mission to achieve excellence in both academic and research perspectives. The department offers postgraduate, research and Undergraduate programmes (B.Sc.,M.Sc.,M.Phil and Ph.D). The department also support I Yr. B.E / B.Tech. & MCA courses. The current areas of research of the department are Spectroscopy, Crystal growth, Thin films, Ultrasonics, Nano physics & Astro physics.

## FOCUS OF THE CONFERENCE

The conference focuses on the ultrafast developments in Physics and related technologies using various characterization techniques. This conference provides a common platform for scientists and young researchers to share their scientific views and motivate the participants in frontier areas of physics through lecture and contributed papers.

### Key Areas

- ✓ Spectroscopy
- ✓ Computational Techniques
- ✓ Acoustics & Ultrasonics
- ✓ Photonics
- ✓ Quantum Physics
- ✓ Crystal Growth Techniques
- ✓ Thin Films
- ✓ Nano Physics
- ✓ Condensed matter physics
- ✓ High pressure physics
- ✓ Energy and Environmental Physics
- ✓ Advanced Materials

