Registration
Kindly download the registration form from College Website and submit the filled up form through email to physics@vimalacollege.edu.in or malinijayaram@gmail.com

Fee
Students : ₹ 200/
Researchers/Faculty : ₹ 500/

Vimala College
Vimala College Thrissur is a first grade women's College under the CMC Management, affiliated to the University of Calicut. Ever since its inception in 1967, the College has been in the forefront of higher education in the State. In 2001 the College was NAC C accredited with Five Star and in 2008, reaccredited with the highest grade of A with CGPA of 3.3. In the third cycle of accreditation Vimala was reaccredited with A grade and a CGPA of 3.3. The College offers 14 Undergraduate and 10 Postgraduate courses, and is a Centre for Research in English, Commerce and Physics. Vimala College has succeeded in coping with the changes and creating an ambience that fosters quality culture.

The PG Department of Physics became a research centre under the Calicut University in 2013. VPRC-Vimala Physics Research Centre is equipped with a DST sponsored FIST lab. The faculty members are actively involved in research in frontier areas of Material Science, Photonics and Theoretical Physics.

Organising Committee
Patron
Dr. Sr. Maries V. L.
Principal
Convenor
Dr. Sr. Ritty J. Nedumpara
Associate Professor & Head, Dept. of Physics

Organising Committee
Co-ordinator
Dr. Malini K.A.
Assistant Professor, Dept. of Physics

Members
Dr. Mini Krishna K.
Ms. Laveena Varghese
Dr. Veena Gopalan E.
Mr. Santhosh P. Jose
Ms. Dhanya Johnson
Ms. Suthry N. S
Ms. Anjaly Jose
Ms. Bonny T. Baby
Ms. Jovia Jose

Important Dates
- Submission of Abstracts 25th January 2015
- Intimation of Acceptance 28th January 2015
- Full paper submission 2nd February 2015

Correspondence
Dr. Malini K.A.
Co-ordinator, NSMEE 2015
Department of Physics, Vimala College
Ph: 9495220673, malinijayaram@gmail.com

VIMALA COLLEGE
Thrissur 680 009,
Ph: 0487232080, Fax: 04872321759
E-mail: physics@vimalacollege.edu.in,
visit us: www.vimalacollege.edu.in
The Post Graduate & Research Department of Physics, Vimala College, Thrissur cordially invites you to attend and participate in the National Seminar on Advanced Materials for Energy and Environment NSMEE 2015 on 9th & 10th of February 2015. This two day event will include invited lectures and contributed paper presentations. The seminar will provide an excellent opportunity for both formal presentations and informal discussions on topics of interest to the participants.

**Call for Papers**

Original research papers on the above topics are invited for oral/poster presentation. Interested participants can send a one page abstract to physics@vimalacollege.edu.in or malinijayaram@gmail.com on or before 25th January 2015.

**Programme schedule**

**09.02.2015 MONDAY**

9.00 - 9.30 am  |  Registration
9.30 - 10.30 am |  Inaugural Session

Chief Guest
Sri S. Anantha Narayanan
Outstanding Scientist & Director, NPOL Cochin

10.30 - 11.30 am |  Lecture I
Keynote Address
Dr. Vijayamohanan K. Pillai
Director, CECRI Karaikudi

11.30 - 11.45 am |  Tea break

11.45 - 12.45 pm |  Lecture II
Dr. R. Prasanth
Assistant Professor
Centre for Green Energy Technology
Pondicherry Central University

12.45 - 1.45 pm |  Lunch
1.45 - 2.45 pm |  Lecture III
Dr. T. N. Narayanan
Reader, TIFR Centre for Interdisciplinary Sciences

2.45 - 4.30 pm |  Paper Presentation & Interaction

10.02.2015 TUESDAY

9.30 - 10.30 am |  Lecture IV
Dr. M. K. Jayaraj
Professor, Department of Physics
Cochin University of Science and Technology

10.30 - 10.45 am |  Tea
10.45 - 11.45 am |  Lecture V
Dr. Sindhu S
Assistant Professor, Department of Nanoscience and Technology, Calicut University

11.45 - 12.45 pm |  Lecture VI
Dr. P. Predeep
Professor, Department of Physics,
NIT Calicut

12.45 - 1.30 pm |  Lunch
1.30 - 2.30 pm |  Lecture VII
Dr. N. C Pramanik
Scientist D, CMET Thrissur

2.30 - 3.30 pm |  Lecture VIII
Sri. Georgekutty Kariyanapally
Managing Director
LifeWay Solar Devices Ltd., Cochin

3.30 pm |  Valedictory Function

NSMEE 2015 is organized to share and discuss recent developments in material science research for energy efficient and environment friendly materials. Renewable/nonconventional/alternative energy resource is the keyword today. Smart materials that can harness these resources are the need of the hour.

The increasing environmental problems and deficiencies of sustainable energy sources have become serious issues that are urgently in need of being addressed. With the backdrop of limiting supplies of fossil fuels and increasing atmospheric carbon dioxide levels and associated global climate change, there is an urgency to construct energy-converting systems which can move more in the direction of sustainability of non-polluting energy generation. The performance of materials depends critically on their microstructures, which requires the development of novel material processing techniques.

It also aims at the promotion of research among young science students of different streams like Physics, Chemistry and Material Science. The lectures of various eminent persons and the interaction and discussion with them may kindle an interest towards materials research. The seminar is expected to cover different areas like Photovoltaic materials, Fuel Cells, Nanoelectronics, Biomaterials, Composite materials, Energy efficient materials, Green Technology- materials/synthesis, Ecofriendly Materials for technological applications, Energy harvesting and storage and Materials/methods for nonconventional energy tapping.