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Programme

Day I 03-03-2015

10.30 am

Inauguration

11.45 am -12.30 pm

Key note address

Dr. K. Porsezian,
Professor & Head, Dept. of Physics
Pondicherry University.

Session I

Dr. R. Chandramohan,
Principal, SSA College, Devakottai.
"Applications of functional materials"

12.30-1.15 pm

Lunch break

Session II

Dr. S. Kumaran,
Department of Biotechnology,
Periyar Maniammai University, Thanjavur.
"Nano biotechnology for bio-medical applications"

2.00-2.45 pm

3.00- 5.00 pm

Oral presentation - I

Day II 04-03-2015

Session I

Dr. C. Sanjeeviraja,

Professor- Emeritus, ACCET, Karaikudi

"Elements of x-ray powder diffraction for material characterization"

9.00-10.30 am

10.30-11.30 am

Oral presentation - II

11.30 am-12.30 pm

Poster Presentation

Lunch break

Session II

Dr. B. Subramanian,

Senior Scientist, CECRI- Karaikudi.

"Advanced Techniques to Engineer Surfaces"

1.30-2.30 pm

Session III

Dr. K. Jothivenkatachalam,

Anna University, Trichy.

"Photocatalytic applications of nanocomposites"

2.30-3.15 pm

3.30 pm

Valedictory



UGC SPONSORED NATIONAL CONFERENCE

O/N

RECENT TRENDS IN NANO MATERIALS AND THIN FILMS RESEARCH (RTNMTR-2015)

March 3 - 4, 2015

Organized by



PG & Research Department of Physics
A.V.V.M. Sri Pushpam College (Autonomous)
(Re-accredited with "A" Grade by NAAC)
Poondi - 613 503, Thanjavur (Dt)



Venue : Auditorium & Seminar Hall (A/C)

In collaboration with



Periyar Maniammai University,
Vallam - 613 403, Thanjavur.

About the College

A. Veeriyar Vandyar Memorial Sri Pushpam college (Autonomous), Poondi, Thanjavur is an accomplished dream of Rao Bahadur Sri A. Veeriyar Vandyar and his brother Sri A. Krishnasamy Vandyar, which was started in the year 1956. It is situated on the Thanjavur- Nagapattinam highway, 14 Km away from Thanjavur. At present, it has grown up into one of the reputed institutions in the state with 15 UG courses and 18 PG courses, most of them with research recognition. The elevation of the institution is due to our beloved Secretary and Correspondent Kalvikavalur **Shriman. K. Thulasiah Vandyar**, who has been continuously monitoring all the activities of the institution.

About the Department

The Department of Physics was established in 1961-62 with B.Sc., programme. It was elevated as post graduate department in 1975. Both part time and full time Ph.D., and M. Phil., programmes are being conducted since 1982. PG and UG girls section courses were started in the years 2002 and 2003, respectively. Research activities in materials science were started in the Physics Department in the year 2006 and active research is being pursued since then. Intense research activities are in progress in the fields of Thin Films, Nanotechnology, Crystal growth and Non-Linear Dynamics in collaborations with researchers from abroad and reputed institutions in India. Two major and six minor research projects have been successfully completed in the last five years and two major and four minor projects are in progress. Twenty one research scholars have successfully completed their doctoral studies in the past five years. At present, more than 50 research scholars are doing their doctoral studies in the department. More than 100 research articles have been published in Science Citation Indexed international journals with good impact factors in the past five years.

Scope of the Conference

Nanoscience has been the field that witnessed a lot of activity and enthusiasm and attracted everyone's attention in the last decade. Nanomaterials have invoked a lot of curiosity amongst researchers because of their extremely small size and characteristic properties. Researchers believe that nanomaterials could prove to be technologically and industrially more relevant, in near future. The objective of this conference is to create awareness in young researchers about the current trends in the research of nanomaterials, thin films and their applications. This conference is intended to throw more light on thrust areas like photovoltaic thin films, solar cells, antimicrobials, etc. and to provide a platform for interaction among scientists, research scholars, industrialists and teachers, working in related fields.

Call for Abstracts

Original contributions are invited from researchers in any of the following areas, for presentation (Oral/Poster) in the conference:

- Thin films
- Nanomaterials
- Solar cell materials
- Semiconducting and magnetic materials
- Optoelectronic materials
- Photocatalysts
- Crystal growth
- Crystallography
- Polymers / Bio materials
- Antimicrobial materials
- Spectroscopy
- NLO materials

Abstracts for oral/poster presentation should not exceed 300 words (Times of New Roman with font size 12) with title, authors name, affiliation, e-mail ID and mobile number. Abstracts should be submitted to rtnmtr2015@gmail.com

Oral/Poster Presentation

Oral presentation time : 7+3 minutes
Poster size should not exceed 90cm height × 45cm width.

REGISTRATION FEE

Students / Research Scholars	Rs. 300/-
Faculties / Delegates from industries	Rs. 500/-

Registration fee is payable in advance by DD drawn in favour of "RTNMTR2015" Payable at Poondi (or) by NEFT A/c No. **0293 020 000 02222** (IFSC code: IOBA0000293)

ACCOMMODATION

Accommodation will be arranged on prior request and payment.

AWARDS

Awards for best Oral and Poster Presentations.

Dates to Remember

Submission of Abstract	: 20-02-2015
Intimation of acceptance	: 21-02-2015
Deadline for Registration	: 25-02-2015

National Advisory Committee

Dr. K. Ramamurthi, SRM University, Chennai.
Dr. C. Sanjeeviraja, ACCET, Karaikudi.
Dr. A. Thayumanavan, SASTRA University, Thanjavur.
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Dr. R. Chandramohan, SSA College, Devakottai.
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Dr. B. Subramanian, CECRI, Karaikudi.
Dr. G. Sahaya baskar, Loyola College, Vijayawada, AP.
Dr. Murthy chavali yadav, VFSTR University, Guntur, AP.
Dr. G. Ravi, Alagappa Univeristy, Karaikudi.
Dr. K. Sankaranarayanan, Alagappa Univeristy, Karaikudi.
Dr. D. Kumar, Periyar Maniammai University, Vallam.
Dr. B. Sundaresan, ANJA College, Sivakasi.
Dr. A.T. Ravichandran, National College, Trichy.
Dr. C. Ravidhas, Bishop Heber College, Trichy.
Dr. C. Ramachandraraja, Govt. Arts College, Kumbakonam.
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Dr. J. Hemalatha, NIT, Trichy.
Dr. S. Sivakumar, Annamalai University, Chidambaram.
Dr. S. Asath Bahadur, Kalasalingam University, Krishnankoil.
Dr. S. Dheivamaralar, Govt. Arts College (W), Pudukkottai.
Dr. K. Jothivenkatachalam, Anna University, Trichy.
Dr. T.C. Sabari Girish, Bharathidasan University, Trichy.
Dr. P. Perumal, Alagappa College of Arts and Science, Karaikudi.
Dr. L. Chinnappa, Rajah Serfoji Govt. College, Thanjavur.
Dr. S. Muthukumaran, Govt. College of Arts Science, Melur.
Dr. P.K. Praseetha, Noorul Islam University, Nagercoil.
Dr. R. Muralidharan, Vel Tech Engg. College, Avadi.

Filled in registration form along with the fee and abstract should be sent to:

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