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Invited speakers

Dr. B.M. Nagabhushana,

Professor & Head,
Department of Chemistry,
M.S. Ramaiah Institute of Technology, Bengaluru.

Dr. A. Stephen,

Associate Professor,
Department of Nuclear Physics,
University of Madras, Guindy Campus, Chennai.
Title : " X-Ray Characterization Techniques"

Dr. P.K. Praseetha,

Associate Professor and Head,
Department of Nanotechnology,
Noorul Islam Centre for Higher Education, Kumarakovil, Nagercoil.
Title : " Graphene Based Materials for Biomedical Applications"

Dr. Gowthaman B Jegadeesan,

Senior Assistant Professor, Department of Chemical Engineering,
School of Chemical & Biotechnology,
SASTRA University, Thanjavur.
Title : " Emerging Contaminants : Recent Advances in AOP Based Technologies"

Dr. T.C. Sabari Girisun,

Assistant Professor,
School of Physics, Bharathidasan University, Trichy.
Title : " Perspectives of Nanophotonic Materials "

NATIONAL CONFERENCE

ON

**RECENT DEVELOPMENTS IN NANO MATERIALS
AND THIN FILMS RESEARCH (RDNMTR-2017)**

March 4 - 5, 2017

Organized by



P.G. & 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)

About the College

A.Veeriya Vandayar Memorial Sri Pushpam College (Autonomous), Poondi, Thanjavur is an accomplished dream of Rao Bahadur Sri A. Veeriya Vandayar and his brother Sri A. Krishnasamy Vandayar, which was started in the academic year 1956-57. It is situated 14 Km away from Thanjavur on the Thanjavur- Nagapattinam highway. 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 Kalvikavalar **Shriman. K. Thulasiah Vandayar**, 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 and research 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. Three major and four minor projects are in progress. Thirty three 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 among 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 developments in the research of nanomaterials, thin films and their applications. This conference is intended to throw more light on thrust areas like photocatalytic, photovoltaic and antibacterial materials, etc. and to provide a platform for interaction among scientists, research scholars and industrialists.

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
- Photocatalytic materials
- Solar cell materials
- Semiconducting and magnetic materials
- Optoelectronic materials
- Crystal growth
- Crystallography
- Polymers / Bio materials
- Antimicrobial materials
- Spectroscopy
- Sensors

Abstracts for oral/poster presentation should not exceed 300 words (Times New Roman with font size 12) with title, authors name, affiliation, e-mail ID and mobile number. Abstracts should be submitted to rdnmtr2017@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. 500/-
Faculties / Delegates from industries	Rs. 750/-

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	: 24-02-2017
Intimation of acceptance	: 25-02-2017
Deadline for Registration	: 28-02-2017

National Advisory Committee

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Dr. S.Sivakumar, Annamalai University, Chidambaram.
Dr.P.K.Praseetha, Noorul Islam University, Nagercoil.
Dr.G.Ravi, Alagappa University, Karaikudi.
Prof.K.Swaminathan, RKMV College, Chennai.
Dr.B.Sundaresan, ANJA College, Sivakasi.
Dr.B.Subramanian, CECRI, Karaikudi.
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Dr.L.Chinnappa, Rajah Serfoji Govt.College, Thanjavur.
Dr.S.Pandiarajan, Devanga Arts College, Arupukkottai.
Dr.R.Padmavathi, SRC,Trichy.
Dr.S.Dheivamalar, Govt.Arts College(W), Pudukottai.
Dr.S. Muthukumaran, Govt.College of Arts Science, Melur.
Dr.T.Arun, Institute of Physics, Bhubaneswar, Orissa.

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

Dr. K. Ravichandran,

Organizing Secretary - RDNMTR-2017,
Associate Professor of Physics,
A.V.V.M. Sri Pushpam College (Autonomous),
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