

Scientific & Technical Advisory Committee:

- Dr. C. S. Sundar, Director, *MSG, IGCAR*
 Dr. Kuruvilla Joseph, *IIST, Trivandrum*
 Dr. Anirban Bandyopadhyay, *NIMS, Japan*
 Dr. S. Balakumar, *UNOM, Chennai*
 Dr. R. Chandramohan, *SSAC, Devakottai*
 Dr. Dermot Brabozan, *Dublin University, Ireland*
 Dr. S. Gowrishankar, *NIT, Trichy*
 Dr. Huiyun Liu, *University College, London*
 Dr. I. Johnson, *SJC, Trichy*
 Dr. T. Joseph Sahaya Anandh, *UoM, Malasiya*
 Dr. John Philip, *SMARTS, IGCAR*
 Dr. A. Jamaludeen, *SJC, Trichy*
 Dr. Mallika Ardhaoui, *UCD, Ireland*
 Shri .E. Mohandas, *PMG, IGCAR*
 Dr.C.K.Mukhopadhyay, *NDED, IGCAR*
 Dr. H. C. Nayak, *Maharaja College, Chatarpur*
 Dr. P. Parameshwaran, *PMG, IGCAR*
 Dr. Sayan Battacharya, *IISER, Kolkatta*
 Dr. A. Stephen, *UNOM, Chennai*
 Dr. P. Thangadurai, *Pondicherry University*
 Dr. Ton Pejis, *Queens Mary University, London*
 Dr. K. Vijayalakshmi, *BHC, Trichy*
 Dr. E.H.Yan, *SIT, USA*
 Dr. Yuvraj Sivalingam, *UoR, Italy*

Organising Committee:**Chief Patron:**

Dr. Palani G.Periasamy M.A.,M.A.,PhD (USA)

Chairman, PGP EWS

Patrons:

Mrs. Visalakshi Periasamy B.B.A

Vice-Chairman, PGP EWS

Mr. M. Ganapathy, IFS® Correspondent, PGP EI

Convener:

Dr. K. Periasamy M.Sc., M.Phil.,Ph.D

Principal, PGP CAS

Organising Secretary:

Mr. K. S. Karthikeyan, M.Sc., M.Phil.,

Head and Assistant Professor

Joint Secretary:

Mr. P. Palaniappan M.Sc., M.Phil.,

Assistant Professor

Co-ordinators:

Ms.S.Anithamani M.Sc., M.Phil.,

Mr.M.Saravanakumar M.Sc.,

Mr.G.Sahaya Dennish Babu M.Sc., M.Phil.,

Mr.T.Murugan M.Sc.,

For further details Contact:

The Organizing Secretary, NCAM-2014

Department of Physics and Electronics

PGP College of Arts and Science,

Namakkal – 637 207

+9197895-55784, +9199444-55459

Email: pgpncam14@gmail.com

Website: ncam2014.blogspot.in



NATIONAL CONFERENCE ON ADVANCED MATERIALS (NCAM - 2014)

7th February, 2014



Organized by

**PG AND RESEARCH DEPARTMENT OF
PHYSICS**

AND

**PG DEPARTMENT OF ELECTRONICS
PGP COLLEGE OF ARTS AND SCIENCE**

NAMAKKAL – 637207

(Affiliated to Periyar University, Salem)

(Accredited by NAAC, 2(f) and 12B Certified by UGC)

About the Founder:

PGP Institutions functioning on a sprawling and sylvan campus of 200 acres is the realization of the dream of **Dr.Palani G. Periasamy M.A., M.A., Ph.D (USA)** to establish colleges of international standard in Namakkal, his native place. Having served as full tenure professor in America and based on his experience in his wide tour of the world, Dr.Palani G. Periasamy has set up these institutions to impart quality learning in all disciplines.

About the College:

The college established in 1994 is recognised by 2(f) and 12B certified institution by UGC, Accredited by NAAC, Approved by AICTE, New Delhi & affiliated to Periyar University, Salem. It is a self financing co-educational institution. The college is located in sprawling and sylvan campus of about 200 acres abutting the NH-7, Namakkal, Tamil Nadu. The infrastructure facilities and campus development are taking place regularly. Modernized with well equipped laboratories, adequate books and journals in the library. College is integrated with the PGP Group which comprises Sugar factories, Finance, Travels and Star Hotels (The Royal Le Meridian, Chennai and Le Meridian, Coimbatore). Our students go there for training and placement. The college offers 18 UG courses, 17 PG Courses, 4 M.Phil courses, one PhD course, 6 value added courses and 5 certificate courses which provide high employment opportunities. Faculties are well qualified and dedicated

About the Department:

Department of Physics and Electronics was established in 1997 running with B.Sc Physics, B.Sc Electronics and communication, M.Sc Physics, M.Sc Electronics and Communication and M.Phil Physics courses. Department of Physics and Electronics having highly qualified faculty members and state of the art infrastructure is now imparting quality programmes. The main objective of the department is to impart knowledge in Nanotechnology, Advanced Materials Research, Molecular Physics, Astronomy, Robotics, Embedded Systems, Nanoelectronics etc.

Objectives of the Conference:

- To create the scientific temper among the young minds so as to take up research as their career and to open up new avenues in Materials research.
- To provide an opportunity for the young researchers to share their knowledge and expertise in their respective areas of research.
- The discussion in this conference highlights the fundamentals, syntheses, characterization and applications of Advanced Materials, Nanoelectronics and the interaction between the leading scientific experts and young researchers.

Registration Details:

Students	: Rs.250/-
Faculty /Research Scholars	: Rs.350/-
Industrial Persons / Others	: Rs.450/-
Additional fee (For ISBN)	: Rs.800/-

The Co-authors are required to register separately. The Demand Draft is to be in favour of "**The Principal, PGP College of Arts and Science**" payable at **Paramathy** at any nationalized bank. The fee covers conference kit, proceedings and refreshments.

Call for Papers:

The organizing committee of the conference invites papers from faculty, researchers and students in the following thrust areas.

<i>Nanomaterials</i>	<i>Magnetic Materials</i>
<i>Thin film</i>	<i>Crystal Growth</i>
<i>Polymers</i>	<i>Nanoelectronics</i>
<i>NEMS & MEMS</i>	<i>Photonics</i>
<i>Ionic Liquids</i>	<i>Embedded Systems</i>
<i>Nano devices</i>	<i>Ceramics</i>
<i>Carbon Nanotubes</i>	<i>Sensors</i>

Important Dates:

Abstract submission	: January 20, 2014
Acceptance notification	: January 25, 2014
Full manuscript	: January 28, 2014
Last date for registration	: January 31, 2014

Spot registration is also available. Authors must follow the IEEE format for full manuscript. Softcopy of abstract and full paper have to be sent to pgpnacam14@gmail.com. Selected papers will be published in conference proceedings with ISBN number. Authors will be invited to present their paper through PPT and poster at the conference. For Poster Presentation 1m x 1m space will be provided.