Report of the Academies Lecture Workshop on “Recent trends in Materials Science” held at Department of Physics, Vidya Mandir Arts and Science College, Uthangarai during 2-3, January 2015

On 2nd January 2015, during inauguration, the Head of the Department of Physics, Dr. Selvapandiyan has welcomed the gathering and mentioned about the various activities of the Department and the Principal Dr. K. Arul presided over the function. In his address, he has addressed about the importance of higher education in rural areas and the role of Vidya Mandir College towards promoting higher education in this area. The special address was delivered by Dr. K. Porsezian from Pondicherry University about the Science Promotion activities of the three Science Academies and fellowships available for higher education. Prof. Dr. C. Sekar and College Secretary Shri K. Sengodan felicitated the function and elaborated the importance of research.

In the first technical session Dr. K. Porsezian discussed the importance of communication and evolution of communication from 1830 onwards. Then he has introduced the role of Copper wire and coaxial, satellite optical fibre communication and their merits and demerits of these systems have been discussed in detail. Second session has been marked with the spell bound speech by the morning star Prof. Dr. Sekar, Alagappa University, Karaikudi. In his talk, he has explained the importance of Biosensors in detail with many examples in our day to day eatable items in terms of medical problems. The notable feature of the first day was appreciable interaction of the students with the experts and got their doubts cleared.

There had been tremendous energy exhibited by the students. Dr. Ramamoorthy, the Director, Department of Chemistry, University of Madras, Chennai delivered an elegant lecture on “Fluorescent Materials and its Applications.” It was like the father taking the child by holding its hand. A schematic presentation of the subject enthralled the student community a lot. His vivid explanation of ideas like LED, applications of Fluorescent received excellent response from the students.

The worlds governed by nano’s require a deep knowledge in nano science. The future belongs to those persons unraveling the bit and bytes of the materials and nano science. A relevant and awesome lecture session on “Nano materials and nano technology” was handled by Dr. Jayavel, Director of Department of Nano Science and Technology, Anna University, Chennai.

The programme has been a grand success due to the seminal talks delivered by our chief-guests and the rapt attention exhibited by our students and faculty delegates in unison. This has been a real milestone in the annals of the science in creating a new brave India for 2020 as envisioned by our Former President Dr. A. P. J. Abdul Kalam. On 3rd evening of the concluding
session, we have conducted the brief valedictory function mainly to get the feedback from the participants about the Workshop. During the feedback session, the participants have expressed their satisfaction about the organization of the Lecture Workshop and thanked the Academy and organizers for conducting this workshop for the betterment of higher education in rural towns. This programme would be a right platform for the students to know more about the recent trends in Material Science. In fact, they have made it a real grand mela.

Finally, we thank the three science academies for having given this wondrous opportunity for organizing such an excellent lecture workshop in our College premises and also convey our gratitude to all the experts and especially Prof.Dr.K.Porsezian for his valuable suggestions’, ideas and way of inducing, motivating the rural students to pursue the higher education. The overall views of experts, Principal and myself as a coordinator of the lecture workshop completed successfully.
Programme
Science Academies Lecture Workshop on Recent Trends in Materials Science
2-3, January 2015

Organized by
PG and Research Department of Physics
Sri Vidya Mandir Arts & Science College
Katter, Uthangarai, Krshnagiri (Dt)
Tamilnadu, PIN: 636 902

Sponsored by
Indian Academy of Sciences (Bangalore)
Indian National Science Academy (NewDelhi)
The National Academy of Sciences (Allahabad)

INAUGURAL FUNCTION

Date: 02.01.2015 Friday
Time: 9.30 am – 10.00 am

Inaugural : 09.30 am
Invocation
Lighting Kuthuvilakku

Welcome Address and Focal theme: Dr. M. Selvapandiyan
of the Workshop
HOD of Physics, Sri Vidya Mandir Arts & Science College
Uthangarai, Krishnagiri-636 902

Felicitation : Dr.K.Arul
Principal, Sri Vidya Mandir Arts & Science College
Uthangarai, Krishnagiri-636 902

Thiru.K.Sengodan
Secretary, Sri Vidya Mandir Arts & Science College
Uthangarai,Krishnagiri-636 902

Prof. Dr. C. Sekar
Head - Department of Bioelectronics and Biosensors
Alagappa University,  Karaikudi - 630 003

Presidential Address and Releasing the Journal: Thiru.V.Chandrasekaran
Founder, Sri Vidya Mandir Group of Institutions
Uthangarai,Krishnagiri-636 902

Introduction to Chief – guest: Prof.P.Kannan
Sri Vidya Mandir Arts & Science College
Uthangarai,Krishnagiri-636 902

Receiving the first Copy and Key-note Address: Prof. Dr. K. Porsezian, F.A.Sc., F.N.A.Sc., F.T.N.A.Sc.
Department of Physics, Pondicherry University
Puducherry - 605 014

Vote of Thanks : Prof. R. Arivuselvi
Sri Vidya Mandir Arts & Science College
Uthangarai, Krishnagiri-636 902
Programme

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VALEDICTORY FUNCTION

Date: 03.01.2015 Saturday
Time: 5.00 pm – 5.30 pm

Welcome Address and Report of the Workshop:
Dr. M. Selvapandian
HOD of Physics, Sri Vidya Mandir Arts & Science College
Uthangarai, Krishnagiri-636 902

Felicitation:
Dr. K. Arul
Principal, Sri Vidya Mandir Arts & Science College
Uthangarai, Krishnagiri-636 902

Thiru. K. Sengodan
Secretary, Sri Vidya Mandir Arts & Science College
Uthangarai, Krishnagiri-636 902

Prof. R. Jayavel
Director, Department of Nanotechnology
Anna University, Chennai- 620 025

Prof. Dr. P. Ramamurthy F.N.A.Sc
Director, National Centre for Ultrafast Processes
University of Madras, Chennai – 600 113

Feedback

Distribution of Certificate

Presidential Address:
Thiru. V. Chandrasekaran
Founder, Sri Vidya Mandir Group of Institutions
Uthangarai, Krishnagiri-636 902

Valedictory Address:
Prof. Dr. K. Porsezian, F.A.Sc., F.N.A.Sc., F.T.N.A.Sc.
Department of Physics, Pondicherry University
Puducherry - 605 014

Vote of Thanks:
Prof. R. Arivuselvi
Sri Vidya Mandir Arts & Science College
Uthangarai, Krishnagiri-636 902
Programme

Science Academies    Lecture Workshop on Recent Trends in Materials Science
2-3, January 2015

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Date: 02.01.2015         Friday

10. 00 am – 10.15 am: Tea Break

Technical Session - I

10.15 am – 11.45 pm : Prof. Dr. C. Sekar
Head - Department of Bioelectronics and Biosensors
Alagappa University, Karaikudi - 630 003.

Technical Session - II

11.45 – 1.15 pm : Prof. Dr. K. Porsezian, F.A.Sc., F.N.A.Sc., F.T.N.A.Sc.
Department of Physics, Pondicherry University
Puducherry - 605 014

1.15 – 2. 15 pm : Lunch Break

Technical Session – III

2.15 – 3.45 pm : Prof. Dr. C. Sekar
Head - Department of Bioelectronics and Biosensors
Alagappa University, Karaikudi - 630 003.

3.45 – 4.00 pm : Tea Break

Technical Session – IV

4.00 – 5.30 pm : Prof. Dr. K. Porsezian, F.A.Sc., F.N.A.Sc., F.T.N.A.Sc.
Department of Physics, Pondicherry University
Puducherry - 605 014
Programme
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Indian National Science Academy (New Delhi)
The National Academy of Sciences (Allahabad)

Date: 03.01.2015
Saturday

Technical Session - V

09.30 – 11.00 am : Prof. Dr. P. Ramamurthy F.N.A.Sc
Director, National Centre for Ultrafast Processes
University of Madras, Chennai – 600 113

11.00 – 11.15 am : Tea Break

Technical Session - VI

11.15 am – 12.45 pm : Prof. Dr. R. Jayavel
Director, Department of Nanotechnology
Anna University, Chennai- 620 025

12.45 – 1.45 pm : Lunch Break

Technical Session – VII

1.45 – 3.15 pm : Prof. Dr. P. Ramamurthy F.N.A.Sc
Director, National Centre for Ultrafast Processes
University of Madras, Chennai – 600 113

Technical Session – VIII

3.15 – 4.45 pm : Prof. Dr. R. Jayavel
Director, Department of Nanotechnology
Anna University, Chennai- 620 025

4.45 –5.00 pm : Tea Break

5.00 – 5.30 pm : VALEDICTORY FUNCTION
Resource persons with Photos

Prof. Dr. K. Porsezian, F.A.Sc., F.N.A.Sc., F.T.N.A.Sc.
Professor of Physics & Coordinator, Department of Astrophysics
Pondicherry University, Puducherry - 605 014

Prof. Dr. R. Jayavel
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