Brief Report

A two day lecture workshop on "Recent Trends in Modern Biology" on 31st Jan and 1st Feb. 2005 sponsored by Indian Academy of Sciences, Bangalore and University Grants Commission, New Delhi was organized by the Department of Zoology, SV University, Tirupati. The co-ordinator for this workshop is Prof. V. Nagaraja, FNASc., Dept. of Microbiology and Cell Biology, IISc., Bangalore. The Convener is Dr. K. Sathyavelu Reddy, Dept. of Zoology, S.V. University, Tirupati. The theme of the workshop is: Imparting of knowledge on the latest scientific developments in life sciences, to the College Teachers, Research Scholars and Post Graduate students. Eminent scientists' and Professors are invited to speak on selected topics, so that the participants will have a comprehensive idea of present day status of Modern Biology.

After several communications and discussions with the Co-ordinator, the following speakers were invited, who accepted our invitation to spend their valuable time with the participants during the workshop days.

The speakers are:

1. Prof. V. Nagaraja, IISc., Bangalore
2. Prof. D. N. Rao, IISc., Bangalore
3. Prof. P. Kondaiah, IISc., Bangalore
4. Prof. P. B. Seshagiri, IISc., Bangalore
5. Dr. P. N. Rangarajan, IISc., Bangalore
6. Prof. P. Reddanna, University of Hyderabad, Hyderabad
7. Prof. S. Krupanidhi, Sri Sathyaa Sai Institute of Higher Learning, Puttaparthi

A overwhelming response to our circular inspired us. About 120 participants were registered for this workshop. The participants include Teachers from affiliated colleges, Research Scholars and Post Graduate students.

Our Vice-Chancellor, Prof. S. Jayarama Reddy, has kindly consented to inaugurate the workshop on 31.1.05 at 9.15 a.m. Prof. K. C. Reddy, the Chairman, AP State Council of Higher Education was the chief guest on this occasion to represent the AP Government. Our Vice-Chancellor who presided over the function spoke about the importance and applications of Modern Biology for the benefit of mankind. Prof. K. C. Reddy the chief guest spoke about the importance of this kind of workshop for the benefit of teachers in the light of restructured courses introduced at graduate level. Prof. V. Nagaraja, the Co-ordinator of the workshop enlightened the Indian Academy of Sciences
activities to promote the science, particularly about the Science Education Panel Programmes.

As per the program, the speakers delivered the lectures (Please see Program and List of Speakers and their topics). The participants have a good interaction with the speakers in all sessions. On the second day, our Principal, Prof. J. Lakshmana Rao, participated in the panel discussions as well as in the concluding session. From the participants side Dr. S. Siva Prasad from NPS Govt. Degree College for Women, Chittoor spoke about well organization of this workshop and thanked for selecting useful topics in which they are really need to know much about the Recent Developments in Biology. Dr. Usha Kalawath, Dept. of Microbiology, Sri Venkateswara Institute of Medical Sciences, Tirupati, who is also a participant spoke about the essence of such workshops to be conducted periodically in future. She congratulated the organizers for a well programmed Lecture workshop. Dr. B. Raja Sekhar, Lecturer from Kurnool requested the organizers to arrange such talks in the colleges and limitations of topics should be tuned to the level of graduate students.

We have displayed the publications of Indian Academy of Sciences in the lobby of the Seminar Hall. A few participants and some management members of institutions taken the order forms for the Resonance Journal during the Tea/Coffee break time of the sessions.

The Convener Dr. K. Sathyavelu Reddy, presented vote of thanks. He thanked the Indian Academy of Sciences, Bangalore and Sri Venkateswara University, Tirupati equally for permitting him to organize this workshop. He thanked Prof. Mukunda, the Chairman, Science Educational Panel, Prof. Mahadevan, Member, Mr. G. Madhavan, the Executive Secretary of IASc., Prof. V. Nagaraja, the Co-ordinator of this workshop for successfully organizing this event first of its kind in the S.V.U. campus.

[Signature]
Dr. K. SATHYAVELU REDDY
Convener
National Lecture Workshop on Recent Trends in Modern Biology
Department of Zoology
S.V. University, TIRUPATI - 517 502 (A.P.)
National Lecture Workshop on
RECENT TRENDS IN MODERN BIOLOGY
31st Jan. - 1st Feb. 2005
DEPARTMENT OF ZOOLOGY, S. V. UNIVERSITY: TIRUPATI

PROGRAMME

31st Jan, 2005

Inaugural Function : 9.15 A.M. to 10.15 A.M.
(SVU Senate Hall)

Tea Break : 10.15 A.M. to 10.45 A.M.

Morning Session:
(Zoology Seminar Hall)

1st Lecture - Prof. D. N. Rao (D.N.R) : 10.45 A.M. to 11.30 A.M.
2nd Lecture - Prof. V. Nagaraja (V.N) : 11.30 A.M. to 12.15 P.M.
3rd Lecture - Prof. P. Kondaiah (P.K) : 12.15 P.M. To 1.00 P.M

Lunch Break : 1.00 P.M. to 2.00 P.M.

Noon Session:

4th Lecture - Prof. P. Reddanna (P.R) : 2.00 P.M. to 2.45 P.M.
5th Lecture - Prof. S. Krupanidhi (S.K) : 2.45 P.M. to 3.30 P.M.

Tea Break : 3.30 P.M. to 3.50 P.M.

6th Lecture - Prof. P. B. Sheshagiri : 3.50 P.M. to 4.35 P.M.
7th Lecture - Prof. P.N.Rangarajan (P.N.R) : 4.35 P.M. to 5.20 P.M.
Panel Discussion : 5.20 P.M to 5.45 P.M.
1st Feb, 2005

Morning Session:

1st Lecture – Prof. V.Nagaraja (V.N) : 9.00 A.M. to 9.45 A.M.
2nd Lecture – Prof. P.Kondaiah (P.K) : 9.45 A.M. to 10.30 A.M.

Tea Break : 10.30 A.M. to 10.50 A.M.

3rd Lecture – Prof. P.B.Seshagiri (P.B.S) : 10.50 A.M. to 11.35 A.M
4th Lecture – Prof. S. Krupanidhi (S.K) : 11.35 A.M to 12.20 P.M.
5th Lecture – Prof. P.N.Rangarajan (P.N.R) : 12.20 P.M to 1.05 P.M

Lunch Break : 1.05 P.M. to 2.00 P.M.

Noon Session:

6th Lecture – Prof. P. Reddanna (P.R) : 2.00 P.M. to 2.45 P.M.
Panel Discussion : 2.45 P.M. to 3.15 P.M.
Tea Break : 3.15 P.M to 3.30 P.M
Concluding Session : 3.30 P.M to 4.00 P.M

(Feed back information from Participants)
LECTURE TOPICS ON 31ST JAN 2005

Lecture-1. Restriction-Modification Enzymes-Structure, Function and Evolution (D.N.R)
Lecture - 2. Mechanism of gene transfer in Bacteria (V.N)
Lecture -3. Gene Expression Analysis by Microarrays (P.K)
Lecture -4. Signaling Cascades in Inflammation (P.R)
Lecture -5. Designer genes Involvement in Axis specification (S.K)
Lecture -6. Embryonic Stem cell Technology: Potential Therapeutic applications (P.B.S)
Lecture- 7. Gene Therapy (P.N.R)

LECTURE TOPICS ON 1ST FEB 2005

Lecture-1. Selfish genes – Plasmid addiction systems (V.N)
Lecture-2. Molecular Biology of Cancer (P.K)
Lecture-3. Animal Transgenesis: Applications (P.B.S)
Lecture-4. Cell mediated Immunity-Roe of Signal molecules (S.K)
Lecture-5. Traditional, Modern & Futuristic Vaccines (P.N.R)
Lecture-6. Enzymes as Molecular Targets of drug development (P.R)