

National Seminar on
“Biodiversity: Conservation, Emerging Trends and Development Strategies”
on 20-21 December, 2017



Sponsored by



Organized by

Dept. of Zoology
Vikrama Simhapuri University PGC
Kavali

**National Seminar on
“Biodiversity: Conservation, Emerging Trends and Development Strategies”
on 20-21 December, 2017**



**VIKRAMA SIMHAPURI UNIVERSITY
NELLORE – 524 320**

No.VSU/SM/BCETDS/Univ./Adv./2017

Dated 15.11.2017.

PROCEEDINGS OF THE VICE-CHANCELLOR

Sub:- V.S. University, Nellore – Sanction of advance of Rs.50,000/- to Dr.Suseela Meesala, Assistant Professor, Dept. of Zoology, V.S. University, PG Centre, Kavali for Organizing National Seminar -Orders-Issued

Read:- 1. Letter received from Dr.Suseela Meesala, Assistant Professor, Dept. of Zoology, V.S. University, PG Centre, Kavali dated 07.10.2017.
2. Vice-Chancellor's orders dated 14.11.2017.

ORDER:

Sanction is hereby accorded for payment of Rs.50,000/- (Rupees Fifty thousand only) to Dr.Suseela Meesala, Assistant Professor, Dept. of Zoology, V.S. University, PG Centre, Kavali as an advance towards University share for organizing National Seminar on “**Biodiversity: Conservation, Emerging Trends and Developmental Strategies**” on 20.12.2017 & 21.12.2017.

Dr.Suseela Meesala is informed to settle the advance within 15 days after the completion of the above Conference.

The expenditure in this regard shall be met from VSU-Gen. Admn. – Other Charges - Seminars / Workshops” 2017-18

(BY ORDER)


REGISTRAR (I/c)

To

✓ Dr.Suseela Meesala, Assistant Professor organizing BCETDS-2017
Department of Zoology, VSU PG Centre, Kavali.

Copy to the Special Officer, V.S.U.P.G.Centre, Kavali, for information.
Copy to the Head, Dept. of Zoology, V.S.U.P.G.Centre, Kavali, for information.
Copy to A.R.III for information
Copy to Bill / File.

VIKRAMA SIMHAPURI UNIVERSITY POST GRADUATE CENTRE, KAVALI

**NATIONAL WORKSHOP ON
“BIODIVERSITY: CONSERVATION, EMERGING TRENDS & DEVELOPMENTAL STRATEGIES” (BCETDS)
20TH-21ST DECEMBER, 2017**

**Annexure-I
Technical Sessions**

Date	Time	Seminar Session	Event
20-12-2017	8.30 to 9.30AM	Registration	
	9.30to 11.00 AM	Inauguration	
	11.15 to 1.30 PM	Technical Session I Invited Lectures 1&2	Lectures
	1.30 to 2.15PM	Lunch	
	2.15 to 4.15PM	Technical Session II Invited Lectures 3&4	Lectures
	4.15 to 4.30 PM	Tea break	
	4.30 to 5.30 PM	Competitive session	Poster Presentations
	5.30 to 6.00 PM	Closing Remarks & Conclusion	
21-12-2017	Field Visit to Nelapattu and Pulicat lake		

**Annexure-II
List of Invited Talks**

S.No.	Name of the Professor/Technician
1.	Dr. M.C. SathyaNarayana Associate Professor, Department of Wildlife Biology & Department of Zoology, A.V.C. College[Autonomous] Mayiladuturai, Tamil Nadu.
2.	Dr. S. P. VenkataRamana Asst. Professor Department of Zoology Yogi Vemana University Kadapa – 516003 –A.P.
3.	Dr.M. BubeshGuptha,P.hD. Founder Director, Universal Eco Foundation (UEF), Pondicherry.
4.	Dr.Thummala Chandrasekhar Assistant Professor Department of Environmental Science Yogi Vemana University Kadapa-516003, A.P.

VIKRAMA SIMHAPURI UNIVERSITY POST GRADUATE CENTRE, KAVALI

**NATIONAL SEMINAR ON
“BIODIVERSITY: CONSERVATION, EMERGING TRENDS AND
DEVELOPMENTAL STRATEGIES” (BCETDS)
20TH DECEMBER, 2017**

PROGRAMME SHEET

UNIVERSITY ANTHEM

1. Welcome: by Dr. Gopi Krishna, Asst. Professor, Dept. of Zoology
2. Invocation: by Kalyani &
3. Lightening of Lamp
4. President’s opening remarks
5. Presentation of the Concept of the Seminar: Dr. M. Suseela,
Organizing Secretary
6. Introduction of the Chief Guest and Guests of Honour: by
7. Address by: (a) Prof. V. Veeraiah, Chief Guest
(b) Prof. M. Chandraiah, Distinguished Guest
(c) Prof. P. Jacob Doss, Guest of Honour
(d) Sri. S. Ravi Shankar, Guest of Honour
(e) Dr. M.C. Sathya Narayana, Keynote Addressee
8. Presentation of Momentos
9. Presidents Concluding Remarks
10. Vote of thanks: by Dr. B. Swapna



Brief Report:

The National Seminar on “Biodiversity Conservation: Emerging Technologies, Trends and Developmental Strategies” was inaugurated by the Vice-Chancellor Prof K. Veeraiah, along with the Registrar I/C ProfM. Chandraiah on 20th December, 2017 at 10.00 AM. The Head of the Department Dr. P. Gopi Krishna, Asst. Professor of Zoology, welcomed the dignitaries, participants and invitees. Organizing Secretary Dr. M.Suseela, Asst. Professor of Zoology, briefed the aim and objectives. Prof. VenkataRao, Special Officer Presided over the function.

Prof. Veeraiah, Vice Chancellor delivered a detailed talk on “Importance, status, and conservation of Biodiversity”. He highlighted the conservation problems facing today. He told that the populations of Blue Jay State Bird of Andhra Pradesh and House sparrows were reduced and it is very difficult to sight them now days. He also informed that the Ongole breed of cattle also vanishing in A.P. He stressed that we have to take serious steps to safeguard our Biodiversity. He requested the student participant to listen to the presentations and take up conservation measures.

The Vice chancellor released the Conference Souvenir and Abstract soft ware.

Prof.M.ChandraiahRegistrar has briefed on the various emerging environmental problems which are responsible for the decline in the populations of wild animals. He also informed on various emerging trends with regard to Biodiversity.

Mr. Ravisankar, DFO Social Forestry briefed about the various problems faced in our forests and he also suggested measures to stop the problems. He has informed about the various measures taken by the Forest department to protect the Biodiversity. He requested the student participants to take up projects which help in generate data and information on Biodiversity so as to enable the Forest department to take up management programmes.

Dr.M.C.Sathyanarayana, Associate Professor (Retd) Department of Wildlife and Wildlife Biology,A.V.C.College, MayiladuturaiTamilnadu has delivered a Key Not address. In his address he highlighted the Emerging Technologies For Biodiversity Conservation. Google Earth for Better Mapping and Visualization: Real Tool For Conservation & Preservation Of Species & Habitats; Smart Collars" That Use GPS & Accelerometer Technology To Track A Wild Animal's Location; Remote Control Photography & Video; Remote Monitoring of Wildlife Sounds - Sonotaxonomy: Calls-Sounds Bioacoustics tool Bioacoustics Technologies Identification Of Terrestrial & Aquatic Animals; Remote Controlled Sampling by using A Small Drone; Texting Elephants- Smart Collar Contain A Mobile SIM Card; Capable Of Sending Text MessagesWith Animal's Location For Tracking Their Movements; Gene Sequencing: Scientists Now Using High-tech Gene Sequencing Machines; Conservation Drones: Conservation Drones An Eco-droneAn Aircraft Without A Human Pilot Aboard.

He has also delivered a detailed account on the Role of Innovative Digital Tools and Live Zoology in the Conservation of Animals Used for Practicals in the Zoology/Life science Laboratories.

The **Second Session** began by 2.30 PM on 20th with the invited talk by Dr. S.P. Venkatramana and the session was chaired by Dr. Gopi Krishna. Dr. S.P. Venkatramana delivered a detailed talk on Insect diversity of Eastern Ghats. also explained identification features of different families of insects and their status. He has talked on the economical importance of insects.He was also talked on economic importance of insects.

This was followed by the invited talk by Dr. TCS Chandrasekhar, YVU. He explained on the pros and cons of Biotechnology with his tissue culture experiments. He also highlighted on the genetically modified Brinjal and cotton.

Continued by Dr.Bupesh Gupta, Director, Universal Eco Foundation, Pondicherry. He delivered a talk on the Biodiversity of Seshachalam Biosphere Reserve and Pulicat Lake. He also explained different species of snakes, species identification, their behavior, Biting mechanism, first aid, anti venom and general precautions to be taken. He talked on different species of birds and butterflies. He highlighted how the Universal Eco Foundation playing a role in the conservation of Biodiversity.

.....Proposed vote of thanks.

On 21st December 2017 the participants are taken to Nelapattu and Pulicat Bird Sanctuary. Dr.Bupesh instructed on the various methods adopted in the field studies. The participants were given training to identify the different wetland birds and butterflies. A film show on Pulicat Birds also screened. At Pulicat Lake the District Forest Officer briefed on the various activities taken up by the Forest department. She distributed the Certificates to the participants.

Photos:









Day 2:






REGISTRAR
VIKRAMA SIMHAPURI UNIVERSITY
NELLORE - 524 324.