



**NATIONAL SEMINAR ON CLIMATE CHANGE AND ITS IMPACT ON HUMAN HEALTH
AND WILDLIFE, 28TH FEBRUARY & 01ST MARCH 2019.**

**VENUE: AUDITORIUM, GOVT. ARTS COLLEGE UDHAGAMANDALAM, THE NILGIRIS
TENTATIVE PROGRAMM SCHEDULE OF THE SEMINAR**

Date and Time	Session	Resource Persons
28.02.2019 10.00 10.15 AM	Tamizhtai Vazhththu Lighting of Kutthuvilakku	CHIEF GUESTS & OTHER DIGNITARIES
10.15AM- 10.45AM	Welcome Address Key Note Address Inaugural Address	DR.P.KANNAN, M.SC (WLB), M.SC (ZOO), PhD Assistant Professor & Organizing Secretary, Department of Zoology & Wildlife Biology, Govt. Arts College, Ooty DR.J.EBANASAR, M.SC., PhD. Head & Associate Professor, Department of Zoology & Wildlife Biology, Govt. Arts College, Ooty MR.SUMESH SOMAN, IFS District Forest Officer, Nilgiri District, Tamil Nadu
	Felicitation Address	DR.M.EASWARAMURTHY, M.SC., M.PHIL., PhD The Principal, Government Arts College, Ooty DR. A.RAMACHANDRAN, IFS., Ph.D. Professor & Assistant Conservator of Forests, Tamil Nadu Forest Department & Centre for Climate Change and Adaptation Research. Anna University. Chennai. DR.M.ARUMUGAM, PhD. UGC Emeritus Fellow, University of Madras, Chennai. DR.S.PAULRAJ, IFS (Retd), Executive Secretary, Chennai Snake Park, Chennai DR.E.VIVEKANANDAN, PhD, ARS Former Principal Scientist, CMFRI., (ICAR, Govt. of India) PROF. DR. P. NAMMALWAR, PhD, Former Principal Scientist, CMFRI (ICAR, Govt. of India)
10.45 AM - 11.00 AM	Vote of thanks	DR.B. RAMAKRISHNAN, PhD. Assistant Professor of Wildlife Biology, Dept of Zoology, Govt. Arts College, Ooty ADJOURNMENT FOR TEA

INVITATION

**DEPARTMENT OF ZOOLOGY & WILDLIFE BIOLOGY
GOVERNMENT ARTS COLLEGE, UDHAGAMANDALAM,
THE NILGIRIS, TAMIL NADU**



The Faculty and Students of Department of Zoology & Wildlife Biology cordially invite you to participate in the inaugural function of the NATIONAL SEMINAR ON CLIMATE CHANGE AND ITS IMPACT ON HUMAN HEALTH AND WILDLIFE on 28TH February 2019 at 10.00 am at Government Arts College Auditorium, Udhagamandalam. The Nilgiris.

MR. SUMESH SOMAN, IFS

District Forest Officer, Nilgiri District, Tamil Nadu

Inaugurates the National Seminar

DR. M. EASWARAMURTHY, M.SC., M.PHIL., PhD

**The Principal,
Govt. Arts. College, Udhagamandalam
Presides over the function**

**Faculty and students
Department of Zoology and Wildlife Biology
Government Arts College,
Ooty 643 002**

Date: 28.02.2019

Venue: College Auditorium



**NATIONAL SEMINAR ON CLIMATE CHANGE AND ITS IMPACT ON
HUMAN HEALTH AND WILDLIFE- 28th FEBRUARY & 01st MARCH 2019.**

**SCHEDULE OF TECHNICAL PROGRAMME (NAME OF SPEAKERS AND THEIR
TOPICS/TITLES OF PAPERS/ ETC.)**

DATE AND TIME	SESSION	RESOURCE PERSON/KEY NOTE SPEAKERS
28.02.2019 11.30 AM 12.00 PM	Technical Session –I <u>Topic (i)</u> Invited Speaker	<u>THEME: CLIMATE CHANGE AND MARINE BIODIVERSITY</u> CLIMATE CHANGE AND ITS CONSEQUENCES ON MARINE BIODIVERSITY. DR.E.VIVEKANANDAN, PhD, Principal Scientist (Retd), CMFRI. Consultant Ocean Partnership for Sustainable Fisheries and Biodiversity Conservation, Chennai.
12-12.30 PM	<u>Topic (ii)</u> Invited Speaker	NATURAL DISASTERS AND STRATEGIES FOR MANAGEMENT IN INDIA. PROF. DR. P. NAMMALWAR, PhD, Former Principal Scientist, CMFRI (ICAR, Govt. of India) Project Advisor / Guest Faculty Educational Multimedia Research Center, EMRC, Department of Media Sciences, Anna University, Chennai.
12.30-12.45 PM	Technical Session –II <u>Topic (i)</u> Oral Presentation	<u>THEME: CLIMATE CHANGE ON FOREST/WILDLIFE/NATURAL RESOURCES</u> MEDICINAL PLANTS DIVERSITY, CULTIVATION AND UTILIZATION DIFFERENT ECOSYSTEM UNDER CLIMATE CHANGE SITUATION IN NILGIRIS Dr. S. RAJAN, PhD, Centre of Medicinal Plants Research in Homoeopathy, Ministry of AYUSH, Government of India, Indira Nagar, Emerald - 643209, The Nilgiris, Tamil Nadu
12.45-1.00PM	<u>Topic (ii)</u> Oral Presentation	CONSEQUENCES OF CLIMATE CHANGE ON VARIOUS ECOSYSTEMS AND THEIR IMPACT ON WILDLIFE. DR.K.BARANIDHARAN, PhD, Assistant Professor, Forest College & Research Institute, Mettupalayam, Coimbatore-641301
1.00 -2.00 PM		LUNCH BREAK
2 -2.15 PM	<u>Topic (iii)</u> Oral Presentation	EFFECT OF WEATHER ON BREEDING OF URBAN BIRDS RECORD FROM SULUR, COIMBATORE. DR.N.EZHILARASI, PhD, Assistant Professor, Dept.of Zoology, Govt. Arts College, Coimbatore.

2.15-2.30 PM	<u>Topic (iv)</u> Poster Presentation	DECLINING THE POPULATION OF BONNET MACAQUE (<i>MACACA RADIATA</i>) IN KANYAKUMARI WILDLIFE SANCTUARY R. SRIMATHI AND M. MOORTHI PG & Research Department of Zoology and Wildlife Biology, A.V.C. College (Autonomous), Mannampandal, Mayiladuthurai, Nagaipatinaam District, Tamil Nadu, India.
2.30-2.45 PM	<u>Topic (v)</u> Oral Presentation	MODELLING THE COMBINED EFFECTS OF CLIMATE CHANGE AND ANTHROPOGENIC IMPACT ON THE FUTURE DISTRIBUTION OF THE ASIAN ELEPHANT (<i>ELEPHAS MAXIMUS</i>) IN SOUTH ASIA. DR. JEAN-PHILIPPE PUYRAVAUD, Sigur Nature Trust, Mavinhalla, Masinagudi P.O. 643223 Nilgiris, Tamil Nadu.
2.45-3.00 PM	<u>Topic (vi)</u> Oral Presentation	MULTI – ELEMENTAL COMPOSITION AND PHYSICAL PROPERTIES OF HONEY SAMPLES FROM KANYAKUMARI DISTRICT, TAMILNADU, INDIA. T.RAMESH KUMAR, PhD Assistant Professor, Department of Zoology, Annamalai University, Annamalai Nagar , Chidambaram
03-03.15PM	<u>Topic (vii)</u> Oral Presentation	PLASTICS AND MICRO-PLASTICS: DOES IT PLAY A ROLE IN BIOLOGICAL SYSTEM AND CLIMATE CHANGES? RAJA SELVARAJU, PhD Assistant Professor, PG & Research Dept. of Zoology, Kongunadu Arts and Science College, GN Mills, Coimbatore – 641029.
3-15-3.30 PM		TEA BREAK
03.30-3.45PM	<u>Topic (viii)</u> Oral Presentation	PESSIMISTIC CONSEQUENCE OF CLIMATE CHANGE – A REVIEW ABHIMANYU SRINATH, BALAJI .V, RAJA SELVARAJU PG & Research Dept of Zoology, Kongunadu Arts and Science College, GN mills, Coimbatore-641029
03.45-4.00 PM	<u>Topic (xi)</u> Oral Presentation	IMPACT OF CLIMATE CHANGE ON AMPHIBIANS DR.P.KANNAN, PhD. Assistant Professor in Wildlife Biology, Department of Zoology & Wildlife Biology, Government Arts College, Udthagamandalam – 643 002, The Nilgiris, Tamil Nadu.
4.00-4.15PM	<u>Topic (x)</u> Oral Presentation	CHRONOLOGICAL AIR TEMPERATURE INCIDENCE IN COIMBATORE, FOOT HILLS OF WESTERN GHATS WITH REFERENCE TO CLIMATE CHANGE. Guru Aadavan. K. Raja Selvaraju, S and K. Anizha PG & Research Dept. of Zoology, Kongunadu Arts and Science College, GN Mills, Coimbatore – 641029

4.15 - 4.30 PM	<u>Topic (xi)</u> Poster Presentation	TRENDS OF AIR TEMPERATURE DEVIATIONS IN SATHYAMANGALAM OF TAMIL NADU, WESTERN GHATS RAJA SELVARAJU, EPHSY K DAVIS AND K ANIZHA PG and Research Department of Zoology, Kongunadu arts and science college, Coimbatore, Tamil Nadu
4.30 - 4.45PM	<u>Topic (xii)</u> Poster Presentation	BOTANICAL DISCRIMINATION OF INDIAN UNIFLORAL HONEYES WITH PHYSICO - CHEMICAL AND CHEMOMETRIC ANALYSES. S. RAVICHANDRAN, PhD DEPARTMENT OF ZOOLOGY, ANNAMALAI UNIVERSITY, ANNAMALAINAGAR -608 002.
	Poster Presentation	HERPETOFAUNAL DIVERSITY-THEIR VALUES AND NEED FOR CONSERVATION P.KANNAN, PhD Assistant Professor in Wildlife Biology, Herpetology Laboratory, Department of Zoology & Wildlife Biology, Government Arts College, Stone House Hill Post, Udhamandalam-643 002, The Nilgiris, Tamil Nadu
	Poster Presentation	CLIMATE CHANGE AND ITS IMPACT ON REPTILES IN INDIA P.KANNAN, PhD Assistant Professor in Wildlife Biology, Herpetology Laboratory, Department of Zoology & Wildlife Biology, Government Arts College, Stone House Hill Post, Udhamandalam-643 002, The Nilgiris, Tamil Nadu
01.03.2019 10-10.15 AM	<u>Topic (xiii)</u> Oral Presentation	MICROBIAL DIVERSITY OF BACTERIA IN VELLIANGIRI HILLS OF THE WESTERN GHATS. R. PRABAGARAN, M.Sc., PhD Department of Biotechnology ,Bharathiar University, Coimbatore, Tamil Nadu, India-641046
10.15-10.30AM	<u>Topic (xiv)</u> Oral Presentation	IMPACT OF CLIMATE CHANGE ON FOREST ECOSYSTEM IN INDIA: AN OVERVIEW DR.A.RAJASEKARAN., PhD Scientist – C, Institute of Forest Genetics & Tree Breeding (Indian Council of Forestry Research & Education, Ministry of Environment and Forests, Govt. of India. New Delhi)
	<u>Topic (xiv)</u> Poster Presentation	WATERSHED SERVICES OF MONTANE WET TEMPERATE FORESTS (SHOLA) IN UPPER NILGIRIS, TAMIL NADU. KARTHICK, S^{1*}, VELMURUGAN. P² AND JAIN ALAUDEEN. A³ Department of Zoology and Wildlife Biology, Government Arts College, Udhamandalam, The Nilgiris. 643 002.

10.30-10.45AM	<u>Topic (xv)</u> Poster Presentation	FOOD HABITS OF THE INDIAN CRESTED PORCUPINE (HYSTRIX INDICA) IN AMIRTHI ZOOLOGICAL PARK, TAMIL NADU R. Jaya Surya and M. Moorthi PG & Research Department of Zoology and Wildlife Biology, A.V.C. College (Autonomous), Mannampandal, Mayiladuthurai, Nagaipatinaam District, Tamil Nadu, India.
10.45-11.00AM	<u>Topic (xvi)</u> Oral Presentation	CLIMATE CHANGE, STOCHASTIC EVENTS AND POINT ENDEMIC BIOTA – THE CASE OF SOUTHERN EASTERN GHATS HERPETOFAUNA S.R.GANESH & M. ARUMUGAM Chennai Snake Park, Raj Bhavan Post, Chennai-600020
11.00-11.30AM		TEA BREAK
11.30-11.45AM	<u>Topic (xvii)</u> Oral Presentation	A case study of occupancy and habitat utilization of wild animals in vacated villages: Panna Tiger Reserve, Madhya Pradesh, India Nittu George*, Ramakrishnan B & Ramesh K# Department of Zoology & Wildlife Biology, Govt.Arts College, Udthagamandalam, The Nilgiris -643002, #Wildlife Institute of India, Dehradun
11.45-12.00PM	<u>Topic (xviii)</u> Oral Presentation	OCCUPANCY AND PREY PREDATOR RELATIONSHIP OF BIG CATS AT PARSONS VALLEY RANGE OF THE NILGIRI SOUTH DIVISION, WESTERN GHATS, TAMIL NADU Sulekha J Backer*., Nittu George & R. Sanil* Molecular Biodiversity Research Lab, Department of Zoology & Wildlife Biology, Government Arts College, Udthagamandalam – 643002.
11-45-12.00PM	<u>Topic (i)</u> Oral Presentation	<u>THEME: CLIMATE CHANGE AND AGRICULTURE</u> NATURAL RESOURCE MANAGEMENT WEATHER BASED HIGH TECH AGRICULTURE DR.S.PANNERSELVAM, M.SC (AG.), PH.D (AGRONOMY) Professor and Head, Agro Climate Research Centre, Tamil Nadu Agricultural University, Coimbatore.
12.00-12.15 PM	<u>Topic (ii)</u> Poster Presentation	CLIMATE CHANGE AND ITS IMPACT ON AGRICULTURE VENKATACHALAPATHI,A., PhD, Assistant Professor, Kongunadu Arts & Science College, Coimbatore
12.15-12.30 PM	<u>Topic(iii)</u> Oral Presentation	MODERN AGRICULTURAL TECHNIQUES MR.C.MAGESH KUMAR, Director, Green Earth Fresh Produce P. Ltd, Coonoor, Nilgiris.

12.30-12.45 PM	<u>Topic (vi)</u> Oral Presentation	<u>THEME: CLIMATE CHANGE AND ITS IMPACT ON HUMAN HEALTH</u> GLOBAL CLIMATE CHANGE AND ITS IMPACT ON HUMAN HEALTH. DR.TOLSTOY., MBBS & MD, PSG Medical College and Research, Coimbatore, Tamil Nadu.
12.45-1.00 PM	<u>Topic (v)</u> Oral Presentation	Impact of Climate change on shrimp culture with special reference to <i>L.vannamei</i> culture from Vellar estuary basins, Southeast Coast of India. K.RAJA, R.RAJASEKARAN AND H.MOHANAKRISHNAN Periyar EVR College, Race Course Road, Khazamalai, Tiruchirappalli -23, Tamil Nadu.
1.00-1.15PM	<u>Topic (vi)</u> Oral Presentation	PLASTIC BALL POINT PEN AND ITS IMPACT TO OUR ECOSYSTEM & CLIMATE CHANGE DR.B.MANIVANNAN, PhD Assistant Professor, Department of Tamil, Government Arts College, Stone House Hill Post, Udhagamandalam, The Nilgiris, Tamil Nadu.
1.00-.00PM LUNCH BREAK		
2.00-2.15PM	<u>Topic (vii)</u> Oral Presentation	IMPACT OF INVASIVE ALIEN SPECIES ON CLIMATE CHANGE DR. B. RAMAKRISHNAN.,PhD Assistant Professor of Wildlife Biology, Department of Zoology Wildlife Biology, Government Arts College, Udhagamandalam - 643 002, The Nilgiris
2.15-2.30 PM	<u>Topic (viii)</u> Poster Presentation	NATURAL DISASTERS AND STRATEGIES FOR MANAGEMENT IN INDIA PROF. DR. P. NAMMALWAR.,PhD Former Principal Scientist, Central Marine Fisheries Research Institute, (ICAR – Govt. of India) Presently - Project Advisor / Guest Faculty, Educational Multimedia Research Center – EMRC, Department of Media Sciences, Anna University, Chennai.
2.30 3.00 PM	VALEDICTORY FUNCTION Venue : Auditorium, Govt. Arts College, Udhagamandalam, The Nilgiris	