



D.K.M COLLEGE FOR WOMEN (AUTONOMOUS), VELLORE-1
DEPARTMENT OF ZOOLOGY
REPORT ON INTERNATIONAL CONFERENCE ON
“ENVIRONMENTAL AND HEALTH SCIENCES (ICEHS – 2020)”
CONDUCTED ON 03.01.2020 & 04.01.2020

INVITATION

<p>4.30 pm - 5.00 pm : E-Poster Presentation</p> <p>Panel Members : Dr. B. Reema Raj Kumar Assistant Professor (Senior), Department of Integrative Biology, School of Biosciences and Technology, VIT-Vellore</p> <p>Dr. A. Vidhya, HOD of Microbiology, D.K.M College for Women, Vellore-1</p> <p>Saturday : 04.01.2020 9.30 am-11.30 am : Session-I Topic : Recent advances in Neurophysiology of brain</p> <p>Resource Person : Thir. Visudhkumar Ramalingam, Senior Lecturer, Faculty of Health and Life Sciences, Ind International University, Persilata Perdana BBN, Putra Nitar 71500 Mal, Negeri Sembilan, Malaysia.</p> <p>11.30 - 11.45 am : Tea break 11.45 am - 1 pm : Session-II Topic : Microplastics</p> <p>Resource Person : Dr. M. P. Saravanan Kumar Associate Professor, Dept. of Environmental & Water Resource Engineering, School of Civil Engineering, VIT-Vellore, Tamil Nadu, India</p> <p>1.00 pm - 2.00 pm : Lunch 2.00 pm - 4.00 pm : Session-III Topic : Environmental Issues on Coastal Oceanic Conservation of Sea Turtles</p> <p>Resource Person : Dr. S.J. Wesley Sanderra] Director & Principal Scientist, Green Future Foundation, New Delhi</p> <p>4.00 pm-4.15 pm : Tea Break 4.15 pm-5.00 pm : Valedictory</p>	<p style="text-align: center;">PATRON Dr. E. Sivakumar, M.A. President</p> <p style="text-align: center;">CHAIRMAN Thir. B. Manikathan, B.E., Secretary</p> <p style="text-align: center;">PRINCIPAL Dr. P. N. Sathya, Ph.D.,</p> <p style="text-align: center;">CONVENOR Dr. K. Devi, Ph.D., Head of the Department of Zoology</p> <p style="text-align: center;">ORGANIZING SECRETARIES Dr. V. Rukha, Assistant Professor in Zoology Dr. A. Vinodhini, Assistant Professor in Zoology</p> <p style="text-align: center;">ORGANIZING COMMITTEE MEMBERS Dr. D. Saritha, Assistant Professor in Zoology Dr. V. Kirthiga, Assistant Professor in Zoology Dr. S. Vijayakumar, Assistant Professor in P.O. Zoology Dr. L. Umamaheswar, Assistant Professor & HOD of Botany</p>	<p style="text-align: center;">D.K.M. COLLEGE FOR WOMEN (AUTONOMOUS), Perundharapuram, Vellore - 612004, Tamil Nadu, India. (NAAC Accredited)</p> <p style="text-align: center;"></p> <p style="text-align: center;">INTERNATIONAL CONFERENCE on “ADVANCES IN ENVIRONMENTAL AND HEALTH SCIENCES” (ICEHS – 2020) UGC Autonomous Funded 3rd & 4th January, 2020</p> <p style="text-align: center;">Organized by PG & Research Department of Zoology D.K.M. College for Women (Autonomous), Vellore-1 Venue: D-Block Conference Hall</p> <p style="text-align: center;"></p> <p style="text-align: center;"><i>All are Cordially Invited</i></p>
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REPORT

Department of Zoology has organized International Conference on “Environmental and Health Sciences (ICEHS – 2020)” on 3rd & 4th January 2020. The registration of the participants started at 9.00 AM. The conference began with the prayer song (Tamil Thai Vazhthu) followed by lighting kuthu vilakku by the chief Guests Thiru. A. Shanmuga Sundaram, IAS, Collector, Vellore District, Dr. B. Senthil Kumar, Controller of Examinations, Thiruvalluvar University, Serkadu, Vellore, Prof. Dr. S. Suresh Kumar, Associate Professor, Department of Medical Microbiology and Parasitology, Faculty of Medicine and Health Sciences, Universiti Putra Malaysia, Selangor, Malaysia, Prof. Dr. Sinouvassane Djearmane, Assistant Professor, Department of Biomedical Science, Faculty of Science, Universiti Tunku Abdul Rahman, Jalan Universiti, Bandar Barat, Kampar, Perak, Malaysia, Our college Secretary, Thiru D. Maninathan, Principal Dr. P. N. Sudha and Dr. K. Devi, Head of the Department of Zoology. The gathering was welcomed by Dr. K. Devi, HOD of Zoology. The chief guest was honoured with shawl and memento. Felicitation was given by our college Secretary Thiru.D. Maninathan and the presidential address was delivered by Principal Dr. P. N. Sudha. Our honorable collector Thiru. A. Shanmuga Sundaram, IAS delivered the keynote address and emphasized on biodiversity of India, hotspots in India and the projects undertaken to conserve the flora and fauna of India. Our respected chief guest Dr. B. Senthil Kumar, gave a special talk on “Recent trends in Phytotherapy research” where he explained about the scope of medicinal plants to cure various common diseases prevailing in India. Inaugural session came to an end with vote of thanks.

After a short tea break Technical session -I was handled by Prof. Dr. S. Suresh Kumar on “Advances in Stem Cell Therapy” where he highlighted about the types of stem cells and its totipotency. He also spoke about the usage of stem cells in curing dengue by controlling the larval forms of the mosquito.

After lunch break at 2pm, the resource person for technical session -II was Prof. Dr. Sinouvassane Djearmane. He gave a talk on “Advances in Nan biosciences” where he dragged everybody’s attention towards his project on preventing the transmission of nanoparticles in

human body by consuming spirulina. After a small tea break, the participants presented their findings as E-Poster to Dr. Reena Raj Kumari, Assistant Professor (Senior), School of Biosciences and Technology, VIT- Vellore and Dr. A.Vidhya, HOD of Microbiology, D.K.M College for Women, Vellore. The next technical session-III was on the topic of “Performance of Landfill Liners to prevent contamination” by Dr. M. Uma Shankar, Associate Professor & Head, Department of Environmental & Water Resource Engineering, School of Civil Engineering, Vellore. He discussed about Groundwater resources, Sources of groundwater contamination and Remedial measures of Groundwater contamination.

The second day was started with prayer song at 9.30am. The technical session-IV was handled by Thiru.Vinodhkumar Ramalingam, Senior Lecturer, Faculty of Health and Life Sciences, INTI International University, Malaysia. He spoke about “Recent advances in Neurophysiology of brain” where he emphasized about various parts of brain, equipments to measure the activity of brain and impact of stress on brain. After a small tea break, the next technical session -V was handled by Dr. M. P. Saravana Kumar, Associate Professor, Department of Environmental & Water Resource Engineering, VIT-Vellore, on the topic “ Microplastics”. He created an awareness about what are microplastics, their ill effects and methods to extract microplastics from the polluted sample. After the lunch break, technical session -VI was started with the talk on “Environmental Issues on Coastal Ecosystem Conservation of Sea Turtles” by Dr.S.F.Wesley Sunderraj, Director & Principal Scientist, Green Future Foundation, New Delhi. He provided the knowledge about the evolution of sea turtles, their migration and invasion of man for the conservation of eggs.

After a short tea break valedictory function started at 4.00 pm. The gatherings were welcomed by our Head of the department. The valedictory address was given by Dr. S.F.Wesley Sunderraj where he beautifully elaborated the beauty of nature and encouraged the participants to become Naturalist, to adore and live with nature. He also shared about the current research happening about the wildlife. The participants from other colleges shared their experience and gave feedback about the conference. Cash prize was awarded for the best e-poster presentation. Certificates were distributed to all the participants. The International conference came to an end with national anthem.

PHOTOS

