

Divecha Centre for Climate Change, IISc.  
Lakeside Education Trust  
International Pediatric Association, Geneva

### **World Food Day Celebration**

Date: Oct 26th, 2023 Time: 4.00 PM – 5.00 PM (IST)

*Auditorium DCCC IISc. - 3.30 PM to 4.00 PM High Tea*

<b>Timings</b>	<b>Agenda</b>	<b>Faculty</b>
<b>4:00 PM– 4:05 PM</b>	Welcome Speech	Prof. S.K Satheesh / Prof. J Srinivasan
<b>4:05 PM – 4:10 PM</b>	Introduction of the subject and the speaker	Prof. Dr. H Paramesh
<b>4:10 PM– 4:50 PM</b>	"Impact of Climate Change on Nutrition, Special attention to Diabetes, Kidney and Allergic Diseases"	Dr. Hema Arvind Chief- Clinical Nutrition & Dietetics at Ramaiah Memorial Hospital
<b>4:50 PM –4:55 PM</b>	Q & A / Remarks by Moderator	Dr. Joshitha Sankam Co-Ordinator
<b>4:55 PM –5.00 PM</b>	Vote of thanks Group picture of participants	

*Prof. Dr. H Paramesh* **Organiser**  
*Visiting Prof. DCCC IISc.*  
**Chairman Lakeside Education Trust**  
**Co-Chairman IPA on Environmental Health and Climate Change**



**Divecha Centre for Climate Change**

**Indian Institute of Science**

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## **SEMINAR NOTICE**

Title: “Impact of climate change on Nutrition, Special attention to Diabetes, Kidney Disease and Allergic Diseases”

Speaker: **Mrs.Hema Arvind**

Chief- Clinical Nutrition & Dietetic

Ramaiah Memorial Hospital

Date: 26<sup>th</sup> October 2023 (Thursday)

Time: 4.00 - 5.00 PM

Venue: DCCC Auditorium, 2<sup>nd</sup> Floor, D314.

Coffee/Tea: 3.30 - 4.00PM

### **Speaker Bio: -**

Mrs Hema Arvind completed her B.Sc Home Science(Hons), PG Diploma in Dietetics & Public Health Nutrition,(Lady Irwin College, New Delhi) RD(Registered Dietitian), At present working as Chief- Clinical Nutrition & Dietetics at Ramaiah Memorial Hospital since past 16.3 yrs, She has about 30 yrs of Experience. She does IPD Rounds, counselling's involved guiding RD interns & other B.Sc. & M.Sc. interns as well as taking classes for MBBS Students on Nutrition, MHA Students .Giving talk on TV & various forums ,organizing Awareness programs on nutrition for the public . She is also involved in clinical trials on Diabetes as Dietician.

### **Abstract: -**

World Food Day is observed every year on 16 October. Topic for the talk on 26th October 2023 is Impact of climate change on Nutrition ,Special attention to Diabetes , Kidney Disease and Allergic Diseases. Climate change will be a major challenge for the world’s health systems in the coming decades. Elevated temperatures and increasing frequencies of heat waves, wildfires, heavy precipitation and other weather extremes can affect health in many ways, especially if chronic diseases are already present. Additionally, multiple pathogens show an increased rate of transmission under conditions of climate change and people with diabetes have an altered immune system, which increases the risk for a worse course of infectious diseases. High temperatures can result in increased core temperatures, dehydration, and blood hyperosmolality. Heatstroke (both clinical and subclinical whole-body hyperthermia) may have a major role in causing both acute

kidney disease, leading to increased risk of acute kidney injury from rhabdomyolysis, or heat-induced inflammatory injury to the kidney. Climate change has been regarded as a threat to the human species on the earth. Greenhouse gasses are leading to increased temperatures on Earth besides impacting humanity. These atmospheric conditions have shown to alter the release pattern of pollen and can change the timing and magnitude of pollen release with flowering plants. As pollen is responsible for respiratory allergies in humans, climate change can adversely affect human health in susceptible individuals. All this emphasizes the need to improve our nutrition by eating a balanced diet which will help to improve our immunity .

**All are welcome!**