



**Mount Carmel College, Autonomous**  
**Bengaluru, Karnataka, India**  
**International Conference on Technology in Redefining Health**  
**On 22<sup>nd</sup> and 23<sup>rd</sup> November 2017**



*Tentative Schedule*

Day 1: 22 <sup>nd</sup> November 2017							
8.00 - 9.00 am	<b>Registration :</b> Diamond Jubilee Auditorium(DJA)						
9.15 - 10.45 am	<b>Inauguration</b> <b>Welcome:</b> Convener Presided by Dr. Sr. Arpana, Principal Mount Carmel College, Bangalore <b>Chief Guest:Dr. C. N. Manjunath</b> Director, Sri Jayadeva Institute of Cardiovascular Sciences and Research, Bangalore. <b>Keynote Address: Dr. Prashanth Mathur</b> Director, NCDIR - ICMR, Bangalore. <b>Topic:</b> Disease Informatics for improving health of populations <b>Guest of Honor:</b> 1. Dr. Gopukumar, Joint Secretary, South-Western Regional Office, UGC, Bangalore 2. Sr.Marjorie, Local manager, MCC Bengaluru <b>Vote of Thanks</b>						
10.45-11.00 am	<b>High Tea</b>						
11.00 - 12.00 pm	<b>Technical Session 1</b> 1. <b>Prof. Navakanta Bhat, Chairman, CeNSE, IISc</b> Topic: PathShodh - A Journey from Science to Product 2. <b>Dr. Dedy Hermawan Bagus Wicaksono</b> , Swiss German University, Indonesia. Topic: Natural cellulosic fibers as microfluidic platform for diagnostic device.						
12.00 - 1.00 pm	<b>Technical Session 2</b> 1. <b>Dr. Ramesh Manoharan</b> , Olam Group, USA Topic: Food safety challenges and opportunities in relation to health. 2 <b>Dr. Girish N</b> , Professor and Head of Epidemiology, NIMHANS, Bangalore. Topic: Technology as a Public Health Determinant?						
1.00 - 2.00 pm	Lunch and Poster Presentations Display						
<b>Technical Session 3 (Parallel Sessions)</b>							
2.00 - 3.00 pm	<table border="1" style="width: 100%;"> <thead> <tr> <th style="text-align: center;">Technical Session 3A</th> <th style="text-align: center;">Technical Session 3B</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Venue - Diamond Jubilee Auditorium (DJB)</td> <td style="text-align: center;">Venue - Golden Jubilee Auditorium (GJB)</td> </tr> <tr> <td>1. <b>Dr. Arun M Isloor</b>,NIT,Surathkal Topic: Challenges in developing low cost haemodialysis cartridges</td> <td>1. <b>Dr. Kwok Feng Chong</b>, University Malaysia Pahang Topic: Carbon-based materials for biosensing</td> </tr> </tbody> </table>	Technical Session 3A	Technical Session 3B	Venue - Diamond Jubilee Auditorium (DJB)	Venue - Golden Jubilee Auditorium (GJB)	1. <b>Dr. Arun M Isloor</b> ,NIT,Surathkal Topic: Challenges in developing low cost haemodialysis cartridges	1. <b>Dr. Kwok Feng Chong</b> , University Malaysia Pahang Topic: Carbon-based materials for biosensing
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		application.
	2. <b>Dr. S Senthil Kumaran</b> , Professor, AIIMS, New Delhi. Topic: MRI and fMRI - Novelty in Preclinical and Clinical applications.	2. <b>Mr. Ravi Ramaswamy</b> , Sr. Director & Head - Health Systems at Philips Innovation Campus, Bangalore. Topic: IDT and its Role in Decentralisation of Health care.
3.00 -3.30 pm	Technical Talk: <b>Dr. Vishal Rao U S</b> , Head Neck Surgical Oncologist & Robotic Surgeon at HealthCare Global (HCG) Cancer Centre, Bangalore Topic: Cancer beyond the germ theory.	
3.30-4.30pm	<b>Panel Discussion:</b>  <b>Moderator: Dr. Vishal Rao U S</b> , HCG , Bangalore  <b>Panelists:</b> 1. <b>Dr. Govind Babu</b> , KIDWAI, Bangalore 2. <b>Dr. Prabha Sampath</b> , Institute of Medical Biology Singapore. 3. <b>Dr. Sabanam Roohi</b> , SakraWorld Hospital, Bangalore , 4. <b>Dr. Niti Raiza</b> , Vikram Hospital, Bangalore	
4.30 - 4.45 pm	<b>Tea Break</b>	
4.45 - 5.45 pm	Paper Presentations (4 Parallel Sessions) at different Venues	
5.45 - 6.30 pm	Poster Presentation - Exhibition and Evaluation	
6.30 - 7.15 pm	Cultural Programme	
7.15 pm onwards	Dinner	

**Day 2: 23<sup>rd</sup> November 2017**

8.30-9.30 am	Paper Presentations (4 parallel sessions) at different Venue	
9.30 - 10.30 am	<b>Technical Session - 4 (Parallel Sessions)</b>	
	<b>Technical Session 4A</b> Venue - Diamond Jubilee Auditorium (DJA)	<b>Technical Session 4B</b> Venue - Golden Jubilee Auditorium (GJB)
	<b>1. Dr. Pandian P S</b> Scientist-G, DRDO, Bangalore Topic: Wearable Physiological Monitoring System and Telemedicine	<b>1. Dr. S Asokan,</b> Professor and Chairman, Dept. of Instrumentation and Applied Physics, IISC, Bangalore Topic: Fiber Bragg Grating Sensors for Biomedical Applications.
	<b>2. Dr. J K Radhakrishnan</b> Scientist-F, DEBEL, DRDO, Bangalore. Topic: Electrodes for long duration EEG-monitoring & Electrocardiography - An effort towards Indigenisation'	<b>2. Dr. Prabha Sampath</b> National University of Singapore. Topic: Targeting Cancer Stem Cells: A Therapeutic strategy for Brain Tumors.
10.30 - 10.45 am	<b>Tea Break</b>	
10.45 - 11.45 am	<b>Technical Session 5 (Parallel Sessions)</b>	
	<b>Technical Session 5A</b> Venue - Diamond Jubilee Auditorium (DJA)	<b>Technical Session 5B</b> Venue - Golden Jubilee Auditorium (GJB)
	<b>1. Dr. Chandrasekhara S</b> Bangalore Topic: Inflammation- need more exploration to improve the outcome of many diseases	<b>1. Dr. Nirmala Grace</b> Professor, VIT University, Vellore Topic: Biocompatible Nanofibers by Electrospinning technique for wound dressing applications.
	<b>2. Dr. Gurumurthy Hegde</b> BMSCE, Bangalore. Topic: Waste to wealth based Porous Materials for health related applications	<b>2. Dr. Srinivas A</b> Professor, CFTRI, Mysore. Topic: How can grain processing ensure delivery of healthy food?
11.45 - 12.45 pm	<b>Technical Session 6 (Parallel Sessions)</b>	
	<b>Technical Session 6A</b> Venue - Diamond Jubilee Auditorium (DJA)	<b>Technical Session 6B</b> Venue - Golden Jubilee Auditorium (GJB)
	<b>1. Dr. Pramod Avti</b> PGIMER, Chandigarh Topic: Nanomedicine as an emerging platform for Healthcare	<b>1. Mr. Ajith Ashok</b> Director, Big Data & Analytics, Philips, Bangalore. Topic: IoT in Healthcare
	<b>2. Dr. Mahantesh Charantimath,</b> Tathagat Heart	<b>2. Mr. Shivanand R Koteswar,</b> Director

	Centre, Bangalore. Topic:Technologies in Cardiovascular Health care & Heart disease burden in India	MediaTek, Bangalore Topic: Health Care and Technology
12.45 - 1.30 pm	<b>Lunch</b>	
1.30 - 2.00 pm	Technical Talk: Dr. V Channaraya, KIMS, Bangalore	
2.00 - 3.00 pm	<b>Panel Discussion</b>  <b>Moderator:Dr. V Channaraya,</b> KIMS, Bangalore  <b>Panelists:</b> 1. <b>Dr.Dominic Benjamin,</b> Baptist Hospital, Bangalore 2. <b>Dr. Bhawana Mishra,</b> Apollo Cradle, Bangalore 3. <b>Ms. Varsha Koppikar</b> Janacare, Bangalore. 4. <b>Dr.Mohan Badgandi,</b> Manipal Hospital,Bangalore	
3.00 - 3.30 pm	Industry Interaction	
3.30 - 4.00 pm	Valedictory Speaker: <b>Dr. Reena Seth</b> <b>Vote of Thanks</b>	
4.00 pm	<b>High Tea</b>	

## Pre Conference Workshop 21<sup>st</sup> November 2017

Schedule Time	
9.15-9.30 am	Inauguration
9.30- 10.45am	<b>Dr. B. Dinesh Kumar</b> , Sr. Deputy Director, NIN-ICMR, Hyderabad. Topic: Pollutants nutrition interactions and impact on health.
10.45 – 11.00 am	<b>Tea Break</b>
11.00-12.00 pm	<b>Mr. SatheshKumar</b> , Scientist, NCDIR, Bangalore Topic: Survival Analysis
12.00-1.00 pm	<b>Dr. Mrs. Tinku Thomas</b> , Head of the department of Bio statistics, St.John's Medical College, Banalore Topic: Biostatistics
1.00-1.30 pm	<b>Lunch Break</b>
1.30-3.30 pm	Workshop : parallel session 1. <b>Dr.Arun Sasidharan</b> , Brain research lab, Axxonet, Bangalore. 2. <b>Mr. Sunny Joseph</b> -‘Clinical Applications of neuro feedback’