

BIOMECHANICAL ENGINEERING SEMINAR

At 3:30 pm on May 28, 2013 (Tuesday)

MRDG Seminar Hall, 1 st floor, Biological Science Building

Gait changes, as we age

Dr. Maya Therattil, MD, MS

Unit of Hope, St. John's Medical College
Asst. Professor, Department of Physical Medicine
and Rehabilitation
Albert Einstein College of Medicine, Bronx, NY

Dr. Pretesh R Kiran, MD, DGM

Asst. Professor, Community Health
Joint Coordinator, Senior Citizen Health Service
St. John's National Academy of Health Sciences
Bagalore

The talk will deal with the basics of gait, and how it changes in the elderly due to changes in bio-mechanics and neural control. Do falls occur due to these changes? If so can these falls be prevented? We will explore the main reasons for falls in the elderly.

Maya Therattil after graduating from St. John's Medical College with an MBBS degree continued her postgraduate degree in the US and specialized in Physical Medicine and Rehabilitation from the Albert Einstein College of Medicine. She then did her Fellowship training, in Spinal Cord Medicine at the Kessler Institute of Rehabilitation in New Jersey. She is now on a Sabbatical in India, from Albert Einstein College of Medicine where she was the Director of the only Spinal Cord injury and neurological rehabilitation program in the Bronx. Her current responsibilities are with treating children with multiple disabilities in a unique multispecialty setting at St. John's Medical College called 'the Unit of Hope'. She also has a Masters Degree in Medical Education Leadership, and is interested in spreading awareness about disability management.

Pretesh Kiran after graduating from Kempegowda Institute of Medical Sciences, Bangalore with an MBBS degree went on to get his MD in Community Health at St John's Medical College, Bangalore. He currently is involved in undergraduate and postgraduate medical teaching in the field of Community Health. During his post graduation in St John's, he developed a keen interest in Geriatrics, and went on to help establish the Senior Citizen Health Service at St John's, which he presently jointly coordinates. He did the Post Graduate Diploma in Geriatrics from the Indira Gandhi National Open University, and was selected as one of 6 mentees all over India under the Research Mentorship Programme from the Indian Cardiovascular Research and Advocacy Group and NIH, USA, through which he trained in Advanced Research Methodology and looked extensively at cardiovascular risk factors among rural elderly. He currently coordinates 4 arms of the Senior Citizen Health Service- the rural geriatric service, the urban geriatric clinic at St John's, the home health service and the institutional/ old age support service. He also is the convener of the Disaster Management Unit at St John's having led and helped coordinate disaster relief operations all over India. His other interests include Occupational Health and research methodology. He is the recipient of several awards, including the Young Scientist Award from the Karnataka Association of Community Health.