



**RAMAIAH  
UNIVERSITY**  
OF APPLIED SCIENCES

**Faculty of Life & Allied Health Sciences**  
Department of Allied Health Sciences

Is conducting blended (offline and online) mode

Genetic Counseling Workshop



Dates: November 26<sup>th</sup> 2021

Venue: *Seminar Hall*, 2<sup>nd</sup> Floor, FLAHS Building



### **Need for Genetic Counseling Workshop:**

**To create awareness in society.** Genetic counseling helps to educate people to understand the risks of passing on a condition; caring for a child with a genetic condition; inheritance, testing, management, prevention, resources; promote informed choices; adaptation to the risk or condition and support in reaching out to relatives who are also at risk.

### **Workshop Learning Objectives:**

#### **To enable participants to:**

- Understand the process of genetic counseling
- Get awareness on various fields of genetic counseling
- Get overview of identifying chromosomes
- Learn to draw and analyze the pedigree

### **Who should attend?**

Faculty members, PhD Scholars, postgraduate and undergraduate students from Medical, Dental, Nursing, Life Sciences and Allied Health Sciences.

### **Registration:**

<b>Deadline for registration: November 20<sup>th</sup> 2021</b>	
<b>Registration fee</b>	
For Students	Rs. 250/-
For faculty members	Rs. 500/-
<b>Payment details (Through NEFT/ RTGS)</b>	
Account Name	MS Ramaiah University of Applied Sciences-Collection account 2
Bank A/C No.	918010093730481
Name of the bank and address	Axis Bank, Rajajinagar Branch, Bengaluru- 560010
NEFT/IFSC code of Bank	UTIB0000559
MICR code of Bank	560211017
<b>For details contact</b>	
Dr Leelavathy N	9880549185
After payment kindly fill the google form: <a href="https://docs.google.com/forms/d/1dSHmxk9WhBUK_zgOmghXjrOVflvPIP1DG0l4YfZMdx/edit">https://docs.google.com/forms/d/1dSHmxk9WhBUK_zgOmghXjrOVflvPIP1DG0l4YfZMdx/edit</a>	

## Programme Schedule

November 26<sup>th</sup> 2021

8:30-9:00 am	Registration	
09:00- 9:30 am	Inauguration	
9:30- 10.15 am	Introduction to Genetic Counseling	Dr. Ranganath Vallabhajyoshula
10:15-11:00 am	Genetic Counseling in Genetic disorders	Dr. Sayee Rajangam
11:00-11:15 am	<b>COFFEE BREAK</b>	
11:15 am- 12:00 pm	Genetic Counseling- Practical Experiences	Dr. Preetha Tilak
12:00- 1:00 pm	Ethics and pitfalls in genetic counseling	Dr. A Parandhaman
1:00- 2:00 pm	<b>LUNCH BREAK</b>	
2:00 – 3:00 pm	Karyotyping- Hands On	Dr. Leelavathy N
3:00- 4:00 pm	Pedigree – Hands On	Dr. Leelavathy N
4:00- 5:00 pm	Valedictory	

### Speakers:



Dr. Sayee Rajangam MSc, PhD, Retired Professor in Anatomy & Human Genetics. [drsayee@gmail.com](mailto:drsayee@gmail.com)

- 43 years of research & teaching: Anatomy, Human Genetics & Medical Education
- 43 years of teaching: Anatomy & Human Genetics to Medical/ Paramedical/ Science students in Faculty of Medicine & Faculty of Science.
- 31 years of guiding MD/PhD students in Anatomy & Human Genetics in Faculty of Medicine & Human Genetics PhD in Faculty of Science.
- Awards and recognition – 14, to name few- Arjuna award for excellent service rendered towards establishment of Karnataka Chapter of Anatomists; Best Researcher Award, 2015. Presented by Educationexpo Research & Branding Company, [www.educationexpo.tv](http://www.educationexpo.tv); Oration on "Phenomenon of Non-disjunction", 15<sup>th</sup> Karnataka Chapter of Anatomists, Bangalore, 2013, Award of Excellence for Women Staff, International Women's Day, 8<sup>th</sup> March, M.S. Ramaiah Memorial Hospital, Gokula Education Foundation (M), Bangalore, 2012
- Conducted conferences/workshops/CMEs – 36
- Invited lectures – 207
- Publications - 236



DR. PREETHA TILAK, In Charge – Division of Human Genetics, St. John's Medical College, Bangalore  
 Clinical geneticist/Genetic counselor in the Division of Human Genetics since 1993 - 28yrs  
 Internal Auditor and Dy. Technical Manager – NABL accredited Lab  
 Teaching Genetics to Medical, Dental, BPT, Paramedical, Nursing and Science (Biotechnology, Applied genetics, Biomedical genetics) students  
 Publications : 50 (National and International)  
 Life member, Indian Society of Human Genetics  
 Member, Bangalore Chapter of Geneticists  
 Member - Christian Medical Association of India  
 Special interests : Dysmorphology, Prenatal diagnosis and Genetic Counselling

## Speakers:



**Dr Ranganath Vallabhajosyula MSc., PhD, Senior Lecturer, Lee Kong Chian School of Medicine, Email: [r.vallabhajosyula@ntu.edu.sg](mailto:r.vallabhajosyula@ntu.edu.sg)**

Dr Ranganath Vallabhajosyula is Senior Lecturer in Anatomy at Lee Kong Chian School of Medicine, Nanyang Technological University. He earned his master's degree in Medical Anatomy from Kasturba Medical College, Manipal University, India and PhD from St. John's National Academy of Health Sciences, India. His academic and research experience stretched over 20 years at various capacities with international experience in different medical curriculum and pedagogies. His teaching track involves delivery of medical anatomy curriculum and its components (histology, embryology, neuroscience, cell biology and genetics) to medical, dental, paramedical, allied health sciences and foundation of medicine programs. He prioritises teaching as his main work followed by other academic activities such curriculum development, assessment, evaluation, and pastoral care.

Dr Ranganath started his research career in gross anatomy and cytogenetics with decent contribution of his research works at various national and international conferences and published in peer reviewed journals. At present, his research involves development and evaluation of emerging technologies such as gamification tools, digital e-learning solutions blended with educational theories for Attention Deficit Hyperactive Disorder (ADHD) in children and medical education.



**Dr A Parandhaman, PhD, FECA (Paris), Genetic Counselor and Clinical Cytogeneticist, Founder Director, Pugazh Centre for Genetic Counseling, Email: [parandhaman.vaithesh@gmail.com](mailto:parandhaman.vaithesh@gmail.com)**

Dr Parandhaman is Founder Director of Pugazh Centre for Genetic Counseling, Tirupattur. He got his PhD from The Tamilnadu Dr. MGR Medical University, Tamil Nadu and European Advanced Postgraduate Course in Classical and Molecular Cytogenetics. He has 13 years of experience in Conventional and Molecular cytogenetics. He was part of several educational awareness and training programs; several research projects; presented several papers in national and international conferences and has published articles in peer reviewed journals. To update his knowledge he attended training programs in Molecular Cytogenetics, Scientific Writing, Ethical guidelines, cell culture, fetal medicine and Nanotechnology. He was first person to receive fellowship award from European Cytogenetic Association for the year 2019 and has received Certificate of appreciation from Muenke, Maximilian (NIH/ NHGRI) for the poster 'Prevalence of Intellectual disability in Vellore District'. He is Life member for the following Professional Bodies- Society for Indian Academy of Medical Genetics, Indian Society of Human Genetics.



**Dr Leelavathy N, PhD, Associate Professor, Department of Allied Health Sciences, Faculty of Life and Allied Health Sciences, Ramaiah University of Applied Sciences, Email: [leelavathy.ah.ls@msruas.ac.in](mailto:leelavathy.ah.ls@msruas.ac.in)**

- 25 years of research & teaching: Human Anatomy, Human Genetics & Plastination

- Taught Anatomy & Human Genetics to Medical/ Paramedical/ Science students in Faculty of Medicine & Faculty of Allied Health Sciences.

- Awards and recognition -- Woman Researcher Award- Science Father 2020; Excellence in Research - EET CRS 7<sup>th</sup> Science and Technology Awards, Bangalore 2018; Marquis's Who's Who in the world- 2010; Dr. S.S. Misra Memorial Award, National Academy of Medical Sciences, 2007

- Conducted conferences/workshops/CMEs – 22

- Invited lectures – 8

- Publications – 31 in national and international peer reviewed journals