

# National Sleep Medicine Course (NSMC) Faculty Profile

---

## National Faculty



**Dr Hrudananda Mallick** after obtaining his MD and PhD from All India Institute of Medical Sciences, New Delhi joined as a faculty in 1990. He started his career in neuroscience under IBRO career development programme for young neuroscientists initiated by Prof Masao Ito in 1987. He worked in prestigious Exploratory Research for Advanced Technology programme of Japan Science and Technology Corporation in Toyama University School of Medicine under Prof Taketoshi Ono. His work on glycine potentiation of glutamate induced neuronal excitability has got US, Canadian and European patent.

Dr Mallick has been working on the role of preoptic area in male sexual behaviour, thermoregulation and sleep-wakefulness with Prof V Mohan Kumar till 2006. He has extended Baldev Singh Sleep laboratory established by Dr Mohan Kumar in the Dept of physiology to human sleep research. This is one of the rare laboratories where both animal and human sleep and chronobiology research are conducted. Dr Mallick along with Dr Deepak Shrivastava from USA is carrying out sleep medicine education programme (National Sleep Medicine Course and Sleep Technology Workshop) in India since 2006. He is currently the President of Indian Society for Sleep Research and the Asian Sleep Research Society.



**Dr. V. Mohan Kumar** Joined the faculty of AIIMS, New Delhi in 1972 and retired as Head of the Department of Physiology, AIIMS in 2006. He got attracted to the subject of “Sleep” because of close personal rapport with late Prof. Baldev Singh, who was then working as Emeritus Professor in the Department of Physiology, AIIMS. He went to Milan, Italy in 1977 to work for a year with Prof. Mancina, the disciple of Morruzi who discovered the function of Ascending Reticular Activating System. He did research work on neural regulation of sleep. He established the first telemetric sleep recoding laboratory at the department of Physiology, AIIMS, and dedicated it to the memory of Prof. Baldev Singh.

**Dr. Kumar** formed the Indian Society for Sleep Research, and is the founder member of Asian Sleep Research Society. He was the first Asian to be elected as the Vice-President of World Federation of Sleep Research Societies. He is currently working as Visiting Professor at Sree Chitra Tirunal Institute for Medical Sciences and Technology, the DST institute in Thiruvananthapuram, Kerala, where he established the Comprehensive Centre for Sleep Disorders.



**Dr. Bindu M. Kutty, M.Phil, Ph.D (Neurophysiology)**, Currently working as Professor of Neurophysiology , NIMHANS , Bangalore . Got more than twenty years of research and teaching experience in the field of Neurophysiology. One of her major research areas of interest is to understand the brain functions from sleeping brain perspectives. Her research team focus on understanding the dysfunctional thalamocortical mechanisms during sleep as a window to understand the pathophysiology of schizophrenia , Anxiety disorders , cerebellar ataxia , Parkinson's disease etc. In addition, the team focus on the neurophysiological correlates of Vipassana meditation from both waking and sleeping brain perspectives. She has established a state of art human sleep research laboratory in the department . Additionally , her team is also working with animal models to understand the role of sleep in memory functions .

She is currently the General Secretary of ISSR. She actively participates in the National Sleep Medicine Course (NSMC) as teaching faculty. She is committed to propagate sleep education and conducts CMEs regularly in medical colleges in Karnataka state, India.



**Dr. Preeti Devnani MD, ABPN, D, ABIM, FAASM** is the Clinical Director of the comprehensive Sleep Disorder Clinic at the Jaslok Hospital, Mumbai - She is a specialist in Sleep Medicine and Neurology and is board certified by the American Board of Neurology & Psychiatry and American Board of Sleep Medicine.

Dr. Devnani completed Neurology residency, Neurophysiology and Sleep Medicine Fellowships in Chicago, USA.

Dr. Devnani is the recipient of the Young Investigator Research Award from the World Association of Sleep Medicine 2013. She is also a board member and faculty examiner of the Indian Sleep Disorder Association and Indian Sleep Research Society. Dr. Devnani hosted the Indo-US National Sleep Medicine Course, 2011 Mumbai. She is the Co-Course Director of the Ace School of Sleep Medicine founded in 2011 for training physicians and technicians in the field of Sleep Medicine. She has published several articles and is a principal investigator for various clinical trials. Invited to a forum on Indian National Guidelines, INOSA- Obstructive Sleep Apnea -2014, Insomnia National Guidelines-2014

Her special interests include Behavioral Sleep Medicine Sleep in Women and Children and Sleep disturbances in Neurodegenerative disorders. She is also involved in epidemiological surveys in adolescent medicine and autism.



**Dr. Kamalesh K Gulia** is currently working as Scientist & In-charge, Sleep Disorders Research Lab at Biomedical Technology Wing in the Sree Chitra Tirunal Institute for Medical Sciences and Technology (SCTIMST), an Institute of National Importance by Govt of India, in Trivandrum. She studied and completed her Doctoral Degree from the University of Delhi availing fellowship from the Council of Scientific and Industrial Research (CSIR), India qualifying the CSIR-NET.

She pursued 'Neurophysiology of Sleep and Sexual Behavior' obtaining research grants from the Indian Council of Medical Research (ICMR) and CSIR during Post-Doc from the All India Institute of Medical Sciences (Delhi), and attained expertise in the advanced neurophysiological techniques availing the International Brain Research Organization, IBRO-International Fellowship working in the Neurophysiology Department at the Fukushima Medical University, Japan in 2006-2007. After return from Japan, she worked as Scientist (in Women Scientist Scheme-A) at the National Brain Research Center, Manesar until 2009.

With extensive expertise in area of sleep, she joined SCTIMST, Trivandrum to initiate the Sleep Disorders Research Lab, a laboratory of International standard, in late 2009. Her research interests pertain to explore the role of sleep in cognition, development of early neural networks, effects of Ayurvedic principles in insomnia. The lab also provides training in sleep research to national and International students.

Dr Gulia has authored several full papers in peer-reviewed International journals and edited 3 conference proceedings. She has presented the research findings in various national and International Conferences (Thailand, Japan, China, Iran, New Zealand, Australia, USA, India) and acclaimed several awards including the Young Investigator Awards at 29<sup>th</sup> Meeting of Japanese Neuroscience Society (Kyoto) in 2006 & at 34<sup>th</sup> IUPS congress (Christchurch, New Zealand) by FAOPS in 2001; Young Scientist Award at the 4<sup>th</sup> Asian Sleep Research Society Congress (Zhuhai, China) in 2004; Best poster Award at 3<sup>rd</sup> Asian Sleep Research Society Congress (Bangkok, Thailand) in 1999 etc. She is currently the Finance Secretary (Treasurer) of the ISSR. In addition to this, she also initiated the quarterly e-magazine for the SCTIMST named Chitra Dhvani as Editor in year 2013 which is available at link: [http://www.sctimst.ac.in/About SCTIMST/Chitra Dhvani/](http://www.sctimst.ac.in/About%20SCTIMST/Chitra%20Dhwani/)



**Dr Manjari Tripathi** is Professor of Neurology at AIIMS- Delhi. She completed her training in Neurology at the prestigious institute, NIMHANS, Bangalore in the year 1996.

She completed the American Academy Sleep Medicine fellowship awarded to international scholars in sleep medicine in the year 2008 under the mentorship of Prof Phyllis Zee, NORTHWESTERN UNIVERSITY, Chicago. She also did a rotation in Sleep medicine under the supervision of Prof Frica Yan Go (UCLA) April 2006. She is a fellow of the Indian Sleep Disorders Association (ISDA). Executive member of Indian Society Sleep Research (ISSR) and ISDA.

She did her National Institute of Health (NIH-USA) FELLOWSHIP in EPILEPSY at the prestigious University College of Los Angeles – USA, June 05-06. She did a Penry mini fellowship in Epilepsy from the Wake forest university in North Carolina.

She is Center PI of Sleep apnea vascular endpoints study (SAVE-multicentric) & DBT funded project on Insomnia and OSA.

She is an active member of Professional societies like American Academy of Neurology, ISSR, ISDA & American Academy of Sleep Medicine. She has numerous research publications in sleep, epilepsy, etc. Her main areas of interest are Epilepsy especially Intractable epilepsies, Sleep medicine & cognitive neurology. The interface between sleep and cognition is an area of interest to her. Her sleep lab does both Level I and level III portable recordings with a clear indication paradigm.

She has more than 200 publications in peer-reviewed journals. Is an integral part of the comprehensive epilepsy care program and runs the intractable epilepsy clinic. She has delivered guest lectures at various National and International epilepsy and sleep conferences. She is committee member in formulating Insomnia and OSA guidelines by ICMR India.

She is reviewer of various National and International Journals and recipient of Numerous Young Investigator Awards and Scholarships of the AAN and AASM.

She has been a guide for 70 research students (DM Neurology, Pediatric Neurology, Physiology, Anatomy, Pharmacology etc). She also guides PhD students and is a devoted teacher.

She has delivered talks and orations in various sleep related meetings at both national and international level.





**Dr VK Vijayan** is the Advisor to the Director General, Indian Council of Medical Research (ICMR) and was the Former Director of the Vallabhbhai Patel Chest Institute, Delhi. He is now working as Senior Consultant in Medicine and Chest Diseases at Baby Memorial Hospital, Kozhikode. He was a member of the scientific staff of the ICMR and had established the Cardio-Pulmonary Medicine Department for ICMR at Chennai. Dr Vijayan's major areas of research include tropical eosinophilia, studies on Bhopal Gas Disaster victims, pulmonary function studies, chemotherapy of tuberculosis, exercise physiology, studies on tobacco cessation, rheumatic heart disease, bronchial asthma, chronic obstructive pulmonary disease, bronchoalveolar lavage studies, cardio-pulmonary rehabilitation and sleep-related breathing disorders. The Vision Document for the National Institute for Research in Environmental Health at Bhopal under the ICMR was prepared under his Chairmanship.

He was former Governor and Regent of the American College of Chest Physicians. He started a sleep laboratory, National Centre of Respiratory Allergy, Asthma and Immunology, a Critical Care Facility, a Cardio-Pulmonary Rehabilitation Unit, a Tobacco Cessation Clinic, a Clinical Pharmacology Unit, and Yoga Therapy and Research Centre at Vallabhbhai Patel Chest Institute and was instrumental in starting the DM (Pulmonary Medicine) course at the University of Delhi. He has received many awards including two national ICMR awards and has delivered many orations.

He has nearly 300 publications to his credit and has delivered more than 800 scientific lectures. He was invited by the American Thoracic Society, American College of Chest Physicians and Asian Pacific Society of Respiriology (APSR) to deliver guest lectures. He was a member of the Delhi University Court, Executive Council, Academic Council and Board of Research studies (Faculty of Medical Sciences). Dr Vijayan was an examiner for PhD, DM, MD, DNB courses of Universities and postgraduate Institutes. He was the former Editor-in-Chief of the Indian Journal of Chest Diseases & Allied Sciences and the former Editor of the Lung India and is an Editorial Board Member of many National and International Journals.

He was invited as an expert member of the scientific and selection committees of ICMR, Department of Biotechnology, Council of Scientific and Industrial Research, Department of Science and Technology, Defence Research and Development Organisation, Government of India, Union Public Service Commission etc. He is the founder President of the, South Asia Association of Allergy, Asthma and Clinical Immunology; the founder Vice President of the World Lung Foundation, South Asia; founder President of the Society for Tobacco Control; founder President of the Society for Nitric Oxide and Allied Radicals; founder Vice-president of the Pulmonary Pathology Society of India and founder Vice President of the South Asia Thoracic Society.

He was the President of the Indian Association for Bronchology and President of the Indian College of Allergy, Asthma and Applied Immunology. He was the Chair of the Clinical Respiratory Medicine Assembly of the APSR and was a member of the Executive and Central Planning Committees of the APSR.



**Dr. Garima Shukla** is Professor of Neurology at the All India Institute of Medical Sciences, New Delhi, India. She heads the Sleep disorders facility at her center and is a senior member of the Comprehensive Epilepsy care team there. Her specialized training, interest and research focus is in Sleep Medicine and medically refractory epilepsy, and the fascinating interface between these areas.

Dr. Shukla graduated from medical school with MBBS (1994) and completed her postgraduate degree (MD) in Medicine (1997) from the Faculty of Medicine, Maharaja Sayajirao University of Baroda, Vadodra, Gujarat. Subsequently she completed training at the Department of Neurology, All India Institute of Medical Sciences resulting in a post-doctoral specialist certification in DM (Neurology) in 2001. After completion of her training she was appointed to the faculty at the department of Neurology at AIIMS. She has several academic distinctions during her postgraduate training, having been awarded a gold medal for MD (Medicine) and the Manoharlal Soni 'best student award' at her DM course.

Having chosen epilepsy (especially medically refractory epilepsy) and Sleep Medicine as her areas of interest and research focus, she pursued fellowship training with a Department of Science and Technology, Government of India grant, in Epilepsy, Clinical Neurophysiology and Sleep Medicine at the Cleveland Clinic, Ohio, USA in 2008. She has been actively involved in her research interests, having secured funding and support from National Agencies (ICMR, DST) leading to a well established nationally recognized research program.

Dr. Shukla is the recipient of more than 25 academic awards at National and International scientific forums, mainly for her work in the field of "Restless legs syndrome" and "pharmaco-resistant epilepsies".

Her research focus has been in the fields of Sleep Medicine and epilepsy, mainly the fascinating interface between these areas. She has also worked extensively in the areas of Restless legs syndrome, advanced multimodality treatment of sleep disordered breathing and non-seizure outcomes of epilepsy surgery. Over the last few years, she has been keenly involved in developing evaluation tools for various sleep disorders tailored to the socio-cultural characteristics of the Indian subcontinent. To date she has more than 100 indexed publications in high impact International peer-reviewed journals.

Dr. Shukla is an executive member of the International RLS study group, member of the International Liaison committee of the World Association of Sleep Medicine and has been on the Scientific committee of the last three World Sleep congresses.



**Dr. MANVIR BHATIA** is a Senior Neurologist, Electro physiologist and Sleep Specialist. She is a Director and Senior Consultant Neurology and Sleep Medicine, Saket City Hospital and Neurology & Sleep Centre, New Delhi.

She is a co-director of the Ace School of Sleep Medicine for training physicians and paramedicals in field of sleep medicine.

She is one of the pioneers in developing the specialty of Neurophysiology and sleep Medicine in the country. She has more than 25 years of experience in these fields. She was in charge of the Clinical Neurophysiology Laboratory at AIIMS and developed the 'state of art'. Clinical Neurophysiology Laboratory and started the first sleep disorders clinic under Neurology in the country.

Dr. Manvir initiated and was the coordinator of the epilepsy surgery program at AIIMS.

She has been trained in USA and UK in Electrophysiology, Epilepsy and Sleep Medicine. Dr. Manvir Bhatia has been invited to deliver lectures, Orations in National and International workshops, conferences on topics related to Neurology, Epilepsy, Sleep Medicine and has published more than 80 papers in leading journals and several chapter in books. She organizes workshops and conferences on Epilepsy and Sleep Disorders.

She was also selected for "10,000 women Entrepreneur Certificate Programme at ISB", Hyderabad. She was invited by the WHO to participate in developing guidelines for health issues related to 'Sleep'.

She was invited for the Indian National Guidelines-The Indian Initiative on OSA Guidelines (INOSA) 2014 and Insomnia National Guidelines, 2014.

She is a **member** of Indian Academy of Neurology, Indian Epilepsy Society, Indian Sleep Disorders Association, World Association of Sleep Medicine, International Restless Legs Society Study Group and American Academy of Electro diagnostic Medicine, International Pediatric Sleep Academy, American Academy of Sleep Medicine. She is an executive member and country representative for ISSR to WFSRS



**Dr. Suresh Kumar**, MD (Med), DM (Neuro) AIIMS, Fellow Epilepsy (UCLA), Fellow Sleep Medicine (ISDA) is currently working as the Head of the Dept of Neurology & Sleep Medicine, Sree Balaji Medical College, Chrompet, Chennai and as a Senior Consultant Neurologist and Sleep Specialist at Vijaya Health Centre and Fortis Malar Hospital, Chennai. He is also the director of Chennai Epilepsy and Sleep Disorders centre, which is the first, state of art epilepsy and sleep disorders centre in Chennai established in 2001.

Dr Suresh completed his Neurology training from AIIMS (New Delhi) and went on to pursue a Fellowship in Epilepsy under the guidance of Prof Jerome Engel (University of California, Los Angeles)

and trained under Prof Friska Yango(University of California, Los Angeles ) in Sleep Disorders. During his residency he did seminal work on Parkinson's Disease and sleep disorders which is published in the International Journal of Movement Disorders. This article has received 250 quotations so far. He is the recipient of the Hargobind Singh international fellowship in epilepsy award.

He represents India at the World association of Sleep Medicine (WASM) and is a member of the governing council of the WASM for the last 6 years. He is an executive committee member of the Indian Sleep Disorders Association (ISDA). He is a faculty of the National Sleep medicine course as well.

His areas of interest and research are in Stroke and sleep apnoea, sleep and movement disorders, as well as epileptology.

He organized the Indo US Sleep Symposium "SLEEPMED 2006" an international conference of Sleep medicine with a live workshop for technical aspects. He also organized and hosted the NSMC 2013 as well SLEEPCON 2014 (ISDA ) at Chennai.

Dr Suresh Kumar has been an active researcher and has participated in many international multicentric trials. He has a number of national and international publications to his credit. He has been a part of the National team for the Insomnia guidelines and the OSA guidelines. He also has contributed chapters on History of Insomnia, (Insomnia Eds Elsevier Dr S Chokroverty). Has also written a chapter on Excessive Daytime sleepiness in the publication - Neurological Differential Diagnosis.

He is **a member** of Indian Academy of Neurology, American Academy of Neurology, Indian Epilepsy Society, Indian Sleep Disorders Association, World Association of Sleep Medicine, American Academy of Sleep Medicine. International Restless Legs Society Study Group as well as the Movement Disorders Society.



**Lt Col (Dr) Karuna Datta** (Professor Physiology, Prof and HOD, Department of Physiology, ACMS, Delhi Cantt )did her MBBS( Bachelor of Medicine and Bachelor of Surgery in 1994, from Armed Forces Medical College, University of Pune, India). After a prerequisite service of 05 years joined MD Physiology from AFMC, University of Pune, India. Completed MD in Dec 2002and DNB Physiology from National Board of Education, Delhi in Sept 2003.Completed WHO Fellowship in 2007 in Neurophysiology at NIMHANS Bangalore under the guidance of Dr Bindu Kutty and worked in her sleep lab. Completed two weeks observership in sleep medicine at division of sleep medicine, Harvard Medical School and Brigham and Women hospital, Boston, USA in 2008

Completed two years distance education fellowship for FAIMER (Foundation for Advancement in International Medical Education and Research) at Mumbai, 2009-2011.Certified Sleep Medicine specialist from World Federation of Sleep Research and Sleep Medicine Society, Jun 2012.

She established a GI Physiology Lab at AFMC Pune and was conducting research and had projects in non erosive reflux disease and Laryngopharyngeal reflux disease. She used to see many OSA patients



and that developed her interest in sleep medicine. Her area of interest in research shifted to sleep in 2007 after working at sleep lab at NIMHANS following which she had set up a clinical sleep lab at her institute. She did an Armed Forces Research project on OSA.

She is a national faculty for NSMC and Sleep Technician workshop. Has conducted PSG workshop for these workshops and for conferences. She is working on “Electrophysiological characterisation of yoga nidra and its role in insomnia patients” which is her PhD work at AIIMS, New Delhi under the guidance of Dr HN Mallick.



**Dr Ravi Gupta** joined the Department of Psychiatry, SMS Medical College, Jaipur as postgraduate trainee in 2000. During his residency program, he developed an inclination towards Sleep Medicine. However, its clinical transformation remained limited to the sleep disorders associated with Psychiatric disorders. In 2008, he left the academic position to pursue his interest in Sleep Medicine and started his own clinic in Jaipur with one Sleep-laboratory. In 2010, he was awarded the mini-fellowship from American Academy of Sleep Medicine.

He joined his present institute in 2010 and started the Sleep Clinic and Sleep-laboratory. Presently, he is working as Associate Professor in Department of Psychiatry, Himalayan Institute of Medical Sciences, Dehradun and also the in-charge of Sleep Clinic and sleep laboratory.

---

## International Faculty

---



**Dr. Deepak Shrivastava** trained at State University of New York and University of California, Davis. He received his sleep medicine training at Stanford. He is board certified in Sleep medicine, Pulmonary, Critical Care, Internal medicine and Polysomnography technology.

He is a Professor of Medicine, Sleep, Pulmonary and Critical Care. He is a senior faculty at Sleep Medicine Fellowship Program at UC Davis School of Medicine. He is recipient of many Academic and Service awards. He is also in clinical practice of sleep in California since 1989.

He is actively involved in leadership, political advocacy and sleep medicine training of healthcare providers in United States and abroad. He pioneered National Sleep Medicine Course in India with Dr. H N Mallick and full support of Dr. V. Mohan Kumar through ISSR. His FDA guided research in oral appliance therapy compliance monitoring is notable for a breakthrough technology.



**Dr. Sunao Uchida** graduated from Shiga University of Medical Sciences, in 1983, and immediately started neuropsychiatry clinical training in Tokyo Medical and Dental University. There he studied clinical psychiatry, EEG physiology and sleep research. In 1990, he moved to University of California at Davis and joined Prof. Irwin Feinberg Laboratory. Then he came back to Japan in 1992 and started work in Tokyo Institute of Psychiatry. When he moved to Waseda University in 2003, he was a vice councilor of research and the head of sleep disorders research division. In Waseda University, he was a professor and also now functioning as deputy dean of international affair.

Dr. Uchida is fluent in Japanese and English, and has given lectures in India since 2002. He is a founding member of Japanese Association of Sport Psychiatry, and a Certified Psychiatrist of the Japanese Board of Psychiatry (JSPN), Certified Physician of Sleep Medicine (JSSR) and Certified Sports Doctor (JSA).



**Dr. Kumar Budur, MD, MS**, is the Senior Medical Director and Global Project Leader in Neuroscience Research and Drug Development at Takeda Pharmaceuticals. Prior to joining Takeda, he was an Associate Professor of Medicine at Cleveland Clinic, Cleveland, OH. Kumar Budur is double board certified in Psychiatry and in Sleep Medicine. He also has a Masters Degree in Clinical Research from Case Western Reserve University, Cleveland, OH.

Kumar Budur is an expert in Sleep disorders especially in the home sleep apnea testing devices. He has presented his original research at many national and international meetings and is an invited speaker for many organizations including the FDA and NIMH. He has published more than 40 scientific articles in peer-reviewed journals and presented more than 100 abstracts at various professional meetings. He has written three text books in Neurology, Psychiatry and Sleep Medicine and has authored numerous chapters. His passion is clinical research and drug development and he is currently working on developing the first ever disease modifying treatment for Alzheimer's disease.



**Dr. Anuj Chandra**, President of AAPIOS, is the founder and medical director of Advanced Center for Sleep Disorders in Chattanooga, Tennessee.

Chandra pursued studies in sleep medicine at the Stanford School of Sleep Medicine, the Atlanta School of Sleep Medicine, and the American Academy of Sleep Medicine. In 2004, he became board certified in sleep medicine through the AASM. In 2010, he received an additional board certification in sleep medicine from the ABMS (American Board of Medical Specialties).

Besides running the facilities in Chattanooga and Cleveland, he also has an office at the Memorial Regional Sleep Center and reviews sleep studies at Parkridge Hospital (an HCA facility).

Named one of the Best Sleep Doctors, Anuj Chandra is passionate sleep medicine. Chandra brings in unique qualities including high energy, intellectual sharpness, ability to connect with people and being a compassionate and caring doctor.

Besides running the facilities in Chattanooga and Cleveland, he also has an office at the Memorial Regional Sleep Center and reviews sleep studies at Parkridge Hospital (an HCA facility).

"To me, [pursuing a specialty in sleep medicine] was a unique opportunity, not only to practice this field as a doctor, but also to educate the entire community," he says.

Since 2005, Chandra has served as part of the international teaching faculty of the National Sleep Medicine Course, a physician education initiative that brings sleep medicine training to his native India. "We have physicians who come from all over India to attend," he says. "It's been very gratifying because people have gone on to start their own sleep centers. We've had such wonderful feedback."



**Anuja Sharma, MD** did her MBBS at the prestigious All India Institute of Medical Sciences, New Delhi. She completed training in Internal Medicine, Pulmonary and Critical Care at University of Wisconsin, Madison, USA. She has practiced for 19 years with Pulmonary and Critical Care Associates and AllinaHealth in St Paul. In that capacity she has been the medical director of sleep services with these organizations since 1998 until 2015. Alongwith the above she has been working in TeleICU through the Veteran's Administration Medical Center in Minneapolis.

She is currently pursuing a fellowship in Interventional Pulmonary at University of Wisconsin, Madison. She is board certified in Pulmonary, Critical Care and Sleep Medicine. Through out her career she has remained a passionate advocate of excellence in patient care.



**Dr Himender Makker** is a Consultant Respiratory Physician with a special interest in Sleep disordered breathing at University College London Hospital (UCLH) and North Middlesex University Hospitals (NMUH), London, UK. He developed sleep service at the UCLH in 1997 and worked closely with ENT Sleep Specialists at the Royal National Throat, Nose and Ear Hospital, London. He established sleep service at the NMUH in 2008. He contributed to creation of UCLH Sleep Group – Respiratory, Neurology, Psychiatrist, ENT and Dental for provision of integrated sleep service. He provides training in sleep medicine, develops care pathways, protocols and guidelines for management of sleep apnoea.

He established sleep research group in collaboration with neuropsychologist and medical physicist to investigate neuropsychological impairment in sleep apnoea. He has published papers and review articles in peer –reviewed journals, written book chapters and edited and authored book on sleep medicine. He organises UCLH Sleep Medicine course and Sleep Medicine study day for NE Thames Respiratory SpRs and teaches at UCL Sleep Neurology course and UCL Snoring & Sleep ENT course. He has a wider experience of raising awareness of sleep disordered breathing through writing articles for local newspapers and health magazines and media interviews.





**Dr. Maganti** did his medical school in India at Guntur Medical College. He is currently a Professor in Department of Neurology and Director of the Comprehensive Epilepsy Center at University of Wisconsin School of Medicine and Public Health. In addition he is also the Director for Fellowship program in Neurophysiology and Epilepsy. He arrived at University of Wisconsin in 2012 after being at the Barrow Neurological Institute in Phoenix Arizona.

Following his Neurology he had trained in Epilepsy and Sleep disorders and is currently boarded in all 3 areas. His interest in Sleep Medicine evolved as he was doing a research project as a fellow in epilepsy, where he examined sleep disturbances in patients with epilepsy. This led to further interest in understanding the relationship between sleep and epilepsy through animal models. Current research focus is on understanding cortical and network excitability and synaptic plasticity changes associated with sleep deprivation. He provides clinical care for patients with epilepsy as well as those with sleep disorders.



**Dr. Tripat Deep Singh** is currently Clinical Manager Sleep Healthcare ASEAN Philips Electronics Singapore. In his current role he trains Doctors, Nurses and technicians in the field of Sleep Medicine and Sleep Technology in ASEAN region and Pakistan.

He graduated with MBBS from Govt. Medical College Patiala, Punjab, India in 2003. He obtained his Post-graduate degree in Physiology from Vallabhbhai Patel Chest Institute University of Delhi, Delhi, India in 2009 where he also got trained in the field of Sleep medicine. He specializes in Sleep Medicine as International Sleep Specialist (World Sleep Federation program) and Sleep Technology as Registered Polysomnography Technologist (RPSGT) & Registered Sleep Technologist (RST).

He is a regular faculty for National Sleep Medicine Course and National Sleep Technology Course in India. He is editor of newsletter for Philips (Sleepmatters) and Indian Society for Sleep Research (SleepWatching India). He also publishes literature updates in Sleep Medicine "Sleep Update India" two times in a year for ISSR.

He was Assistant Professor in Medical College, Pondicherry Institute of Medical Sciences, and taught Medical Physiology to Medical and Nursing students. He was in charge of Sleep lab at Pondicherry Institute of Medical Sciences before joining Philips in the current role. He is frequent speaker at various courses and workshops in ASEAN region and India.