

## Guest Lectures 2016

Sl. No.	Name & Address	Title, Date & Report
1	<p>Dr. Sangeeta Shenoy Clinical Research Administrative Coordinator &amp; Manager, University of North Texas Health Science Centre, USA</p> 	<p>My journey towards public health and research and career tips to start early</p> <p><b>06.01.2016</b></p> <p>The talk gave an outline of how the students can involve themselves in public health after MBBS. UG with research profile is important. Presentations of research work/clinical cases in conferences will help to get externship in US. This will be useful to get admission to PG.</p> <p>No. of participants: 28</p>
2	<p>Dr. Anthony Markus Consultant Maxillofacial Surgeon, Royal Nuffield Hospital, Poole Dorset, U.K</p> 	<p>Comprehensive cleft care management</p> <p><b>19.01.2016</b></p> <p>Objective of the talk was Early Diagnosis, Primary surgery of the cleft lip, Secondary surgery of the cleft palate and Early management of speech &amp; learning.</p> <p>No. of participants: 63</p>
3	<p>Dr. Nagesh Hegde Renowned writer and Environmentalist</p> 	<p>Global warming lesson for younger generation</p> <p><b>20.01.2016</b></p> <p>The lecture highlighted the warning signs of global warming and the role of students in mitigating the climate crisis. The planet is in danger and the crisis is due to the excessive burning of fossil fuels. The speaker highlighted the importance of green economy and sustainability.</p> <p>No. of participants: 81</p>

<p>4</p>	<p>Dr. Ibrahim Nagnoor Consultant, Department of Preventive Oncology, (K.M.I.O)</p> 	<p>Evolution of Health camps in rural areas: My experience for 25 years</p> <p><b>17.02.2016</b></p> <p>The talk gave the importance of awareness programmes. The objective of the camp is screening to identify and not diagnosis. The awareness programme has contributed to patient pool and also reporting of early cases.</p> <p>No. of participants: 52</p>
<p>5</p>	<p>Dr. Prithvish S Professor &amp; HOD, Department of Community Medicine, M. S. Ramaiah, Medical College, Bangalore.</p> 	<p>Social accountability and Medical schools</p> <p><b>20.02.2016</b></p> <p>Medical colleges have a set of challenges in inspiring quality, equity, relevance and effectiveness in health care delivery; reducing the mismatch with societal priorities; redefining role of health professionals.</p> <p>No. of participants: 173</p>
<p>6</p>	<p>Dr. Krishna Murthy Faculty Scientist, Institute of Bioinformatics, Bangalore.</p> 	<p>Taking comprehensive eye care to rural India focus on retinopathy of prematurity and diabetic retinopathy</p> <p><b>02.03.2016</b></p> <p>Retinopathy is potentially a blinding disease. Its pathogenesis and clinical appearance was presented. Screening of retinopathy is difficult and incidence is more in premature babies. Screening can be done in a Retcam. Technicians can be trained to take photo and upload in website. This can be analysed by doctors.</p> <p>No. of participants: 38</p>

<p>7</p>	<p>Dr. Iddya Karunasagar Retired Senior Food Safety Officer, Food and Agriculture Organization of United Nations, Rome.</p> 	<p>Food safety and public health</p> <p><b>09.3.2016</b></p> <p>Everyone would have experienced health problems due to food or water contamination. Reports of illness due to food contamination are not fully available. The Codex Alimentarius Commission sets International standards for food safety. The various sources and stages where food contamination occurs, the protocol for testing and regulations were presented.</p> <p>No. of participants: 167</p>
<p>8</p>	<p>Dr. Malini Hebbar Professor and HOD, Dept. of English, St. Agnes College, Mangalore.</p> 	<p>Pledge for Parity</p> <p><b>10.3.2016</b></p> <p>World Economic Forum report says parity may be achieved in 2095. This is because Patriarchy works at all levels. Louis Althusser's Ideological state apparatus and Carl Jung's collective unconsciousness was discussed. The various challenges for attaining parity and case studies were presented.</p> <p>No. of participants: 191</p>
<p>9</p>	<p>Dr. Princy L. Palatty Professor, Department of Pharmacology, Father Muller's Medical College Mangalore.</p> 	<p>Poise for Women</p> <p><b>16.03.2016</b></p> <p>Being poised is to have dignity as well as maintain an attitude of grace and composure. The speaker stressed on developing self confidence and learns some etiquette so that every woman always knows what to do in every situation.</p> <p>No. of participants: 100</p>






<p>10</p>	<p>Dr. Norbert W Paul          Director, Department of History,          Philosophy &amp; Ethics of Medicine          Johannes Gutenberg University of Mainz,          Germany.</p> 	<p>Never enough! Ethical dimensions of rationing humanitarian medical care</p> <p><b>18.03.2016</b></p> <p>Medical institutions should stress more on social value of health. He pointed out that the collaborations provide opportunities for the students to understand the Trans cultural experiences in health care. He stressed on the humanitarian medicine which is an ethical responsibility of societies.</p> <p>No. of participants: 44</p>
<p>11</p>	<p>Dr. Indrani Karunasagar          Director (R &amp; D), Nitte University, Dean,          Biological Science, Nitte University Centre          for Science Education and Research, Director,          UNESCO Centre for Medical &amp; Marine          Biotechnology.</p> 	<p>Water Quality and Public Health</p> <p><b>22.03.2016</b></p> <p>The speaker sensitized the audience about the issues pertaining to water quality. She emphasized about safe and wholesome water, water-borne diseases, water purification methods and the role of International Agencies in maintenance of water quality.</p> <p>No. of participants: 153</p>
<p>12</p>	<p>Dr. Shivashankar Nagaraj          Vice Chancellor's Research fellow          Queensland University of Technology,          Australia.</p> 	<p>A system Biology approach to elucidate Epithelial- Mesenchymal transition (EMT) in cancer</p> <p><b>24.03.2016</b></p> <p>Use of multi-OMICs strategies to gain insights into the molecular mechanisms of observed phenotypes such as during the epithelial-mesenchymal transition (EMT) in cancer. He briefed the audience about large scale data analysis tools developed by his team such as PG tools which, is a software suite for various kinds of proteomics data analysis as well as visualization.</p> <p>No. of participants: 18</p>

<p>13</p>	<p>Dr. Mahendra Bhandari Urologist and Senior Bio-Scientist, CEO, Director Robotic Surgery Research, Vattikuti Urology Institute, Henry Ford Hospital, Detroit, Michigan, USA.</p> 	<p>Advances of Robotic Surgery- A global perspective</p> <p><b>15.04.2016</b></p> <p>Evolution of robotic surgery in Indian context was presented. Robot augments human capacity and magnifies surgical area. Robot is a guard on surgeons and augments the risks what surgeon's fingers can do.</p> <p>No. of participants: 70</p>
<p>14</p>	<p>Dr. K. R. Sridhar Professor, UGC- BSR Faculty Fellow Dept. of Biosciences Mangalore University.</p> 	<p>Macro-Fungi: Nutritional and Medical Perspective</p> <p><b>23.04.2016</b></p> <p>Types and classification of macro-fungi was presented. Edible mushrooms their nutritional significance and medicinal value was explained. Identifying features of mushrooms was shown through diagrams.</p> <p>No. of participants: 100</p>
<p>15</p>	<p>Dr. Krishna Sharma Chairman Dept. of Human Consciousness &amp; Yogic Sciences, Mangalore University, Mangalagangothri.</p> 	<p>Power of Pranayama</p> <p><b>27.04.2016</b></p> <p>Prana is vital energy and aayama is stretching. Pranayama is to regularize or systematize prana and slowly increase the efficiency. Control on systematic inhalation, exhalation and the pause in between is important.</p> <p>No. of participants: 26</p>




<p>16</p>	<p>Dr. Archana Vikram Assistant professor, Dept. of Obstetrics &amp; Gynecology Yenepoya Medical College Hospital, Yenepoya University.</p> 	<p>Yoga for mind and body</p> <p><b>28.04.2016</b></p> <p>Yoga is to unite mind, body and spirit. It mainly acts on the autonomic nervous system and increases parasympathetic activity. Importance of practicing yogasanas, tips for doing yoga and obstacles faced were discussed.</p> <p>No. of participants: 15</p>
<p>17</p>	<p>Dr. Nagarajan Manickaraj Menzies Health Institute Queensland, Griffith University, Australia.</p> 	<p>EMG: Implication to motor Control and chronic Musculoskeletal conditions</p> <p><b>30.04.2016</b></p> <p>Musculoskeletal pain is a major clinical problem and the neurobiologic mechanisms involved in muscle pain are often difficult to resolve and thus remain insufficiently treated. Electromyography (EMG) can be a useful tool to obtain information about the timing or magnitude of muscle activity when investigating the neuromuscular reflexes, muscle performance or patterns of movement.</p> <p>No. of participants: 36</p>
<p>18</p>	<p>Dr. Nagarajan Manickaraj Menzies Health Institute Queensland, Griffith University, Australia.</p> 	<p>Neuromotor Characteristics of Lateral Epicondylagia (Tennis Elbow)</p> <p><b>02.05.2016</b></p> <p>Dr. Nagarajan discussed that the condition of epicondylagia commonly known as tennis elbow is not the involvement of the extensor carpi radialis brevis muscle alone. EMG studies revealed that the Anconeus muscle was involved too. The role of EMG in determining the muscle activity and the loss of motor control can be a very useful tool in understanding and treating chronic tennis elbows better.</p> <p>No. of participants: 32</p>



<p>19</p>	<p>Dr. Joseph P. Thomas Waterloo Advanced Technology Laboratory (WATlab), Canada.</p> 	<p>Advances in nanomaterial characterization and nanotechnology</p> <p><b>14.05.2016</b></p> <p>Nanomaterial characterization and nanomaterial preparation techniques such as chemical approach, electrochemical deposition process, physical or chemical vapour deposition process was presented. The diverse applications of nanomaterials and the importance of scanning electron microscope and transmission electron microscope in nanomaterial characterization were discussed.</p> <p>No. of participants: 30</p>
<p>20</p>	<p>Dr. A. G. Sreenivas Associate Professor, Department of Agricultural Entomology, University of Agricultural Sciences, Raichur, Karnataka</p> 	<p>Impact of Climate change on food production</p> <p><b>07.06.2016</b></p> <p>Food security is when all people have access to sufficient, safe and nutritious food. Crop production relies on a balance of temperature, precipitation, CO<sub>2</sub> level etc. An increase of 1°C decreases the yield of rice and wheat by 10%.</p> <p>No. of participants: 164</p>
<p>21</p>	<p>Dr. S. P. Singh Senior Scientist, National Physical Laboratory, New Delhi, India</p> 	<p>Materials Engineering and nanomedicine</p> <p><b>02.07.2016</b></p> <p>The lecture involved experiences of the speaker in nanomedicine such as fluorescent magnesium nanoparticles designed in his laboratory for cell imaging applications, and quercetin nanoparticles, also developed in his laboratory for treating asthmatic conditions. Quercetin nanoparticles based therapeutics is ready to go to clinical trials.</p> <p>No. of participants: 36</p>

<p>22</p>	<p>Dr. Malali Gowda Professor, Genomics Discovery Program, School of Conservation, Life Science and Health Sciences, Trans Disciplinary University, Bengaluru.</p> 	<p>Application of NextGen Sequencing in HLA typing</p> <p><b>15.07.2016</b></p> <p>Human Leukocyte Antigens (HLA) plays vital role in the transplantation. The HLA genes are unique identity of an individual. The HLA database of hospitals, transplant centers can contribute to establish Indian HLA Registry. Raising awareness and education about HLA registry will help develop a database. The lecture was attended by 46 participants.</p> <p>No. of participants: 46</p>
<p>23</p>	<p>Prof. Undurti Das Professor &amp; Director, Bioscience Research Centre, Gayatri Vidya Parishad College of Engineering, Visakhapatnam, A. P., India &amp; CSO, UND Life Sciences, Federal Way, WA, USA</p> 	<p>Molecular basis of health and disease</p> <p><b>18.07.2016</b></p> <p>All disease at molecular level is same. Low grade systemic inflammatory condition is common in most diseases. Exercise, fasting etc. have anti-inflammatory nature and are beneficial in preventing diseases. The lecture was attended by 40 participants.</p> <p>No. of participants: 40</p>
<p>24</p>	<p>Prof. Undurti Das Professor &amp; Director, Bioscience Research Centre, Gayatri Vidya Parishad College of Engineering, Visakhapatnam, A. P., India &amp; CSO, UND Life Sciences, Federal Way, WA, USA</p> 	<p>Genotype versus Phenotype</p> <p><b>19.07.2016</b></p> <p>Human body has many variables. Every molecule behaves differently in different situations and different individuals. Every drug has different roles than what is discovered. Anti-inflammatory activity will help reduce the risk of diseases. The lecture was attended by 55 participants.</p> <p>No. of participants: 55</p>






<p>25</p>	<p>Dr. Sailu Yellaboina Associate Professor in C. R. Rao's Advanced Institute of Mathematics, Statistics and Computer Science, University of Hyderabad.</p> 	<p>Integrative analysis of genomic datasets <b>17.08.2016</b> Analyzing and integrating different types of genomic and proteomic datasets helps to prioritize candidate genes, pathway networks responsible for cellular phenotypes. Integrating of massive data coming from diverse technological platforms will help to prioritize functional elements, genes and networks responsible for diverse phenotype and genome editing. No. of participants: 32</p>
<p>26</p>	<p>Dr. Kasinath Viswanathan Principal Scientist, Advinus Therapeutics Ltd, Pune</p> 	<p>A tale of two proteins – In the end in the beginning <b>18.08.2016</b> Viruses use multiple pathways to subvert host immune system and enter the cells and replicate. Although research field has explored various aspects of the viral infections, an unbiased global plasma membrane proteomics has not been studied for many viruses. The speaker has described the experiments to identify directly the first line interactive with virus. Overall the efficiency of proteomics approach was demonstrated and need for designing the right experiments to address the questions was discussed. No. of participants: 23</p>
<p>27</p>	<p>Dr. Suvarnalata S Rao Programming Head – Indian Music Research Scientist, National Centre for the Performing Arts, Mumbai.</p> 	<p>Music and Medicine <b>24.08.2016</b> Music is organized sounds with aesthetic intent. It affects living organisms at physical, emotional and visceral levels. Music cannot cure it heals. Music therapy has active therapy and receptive therapy. It activates various centres of the brain case studies for few disorders were presented. The lecture was attended by participants.  No. of participants: 26</p>

<p>28</p>	<p>Dr. H. Jayantha Retired Professor, Dept. of Chemistry St.Agnes College, Mangaluru</p> 	<p>Ozone and Environment</p> <p><b>06.09.2016</b></p> <p>The speaker gave the description on the formation of ozone, sources of ozone, ozone layer depletion, effects and methods to combat the situation.</p> <p>No. of participants: 150</p>
<p>29</p>	<p>Prof. K. Muniyappa Professor, Dept. of Biochemistry Indian Institute of science, Bangaluru</p> 	<p>Telomere and Telomerase: Their implications in human health and disease</p> <p><b>21.09.2016</b></p> <p>Importance of telomeres, shortening and end-replication problems, telomerase activity, telomere – ageing and cancer, role of non – telomeric G-quadruplexus, paradoxes and challenges were presented and discussed.</p> <p>No. of participants: 37</p>
<p>30</p>	<p>Dr. Mohan Chandran V.V H.O.D, Dept. of Psychiatry Yenepoya Medical College Hospital Deralakatte</p> 	<p>Remember Me</p> <p><b>21.09.2016</b></p> <p>The theme of world Alzheimer’s day is “Remember me”. Due to increased prevalence of dementia there is a need to remember them. The classification, characteristics and different stages of Alzheimer’s disease and the prevention measures were presented.</p> <p>No. of participants: 120</p>

<p>31</p>	<p>Dr. Uwom Okereke Eze Regional Forensic Coordinator South Asia: India-Nepal</p> 	<p>Introduction to International Committee of The Red Cross (ICRC) activities</p> <p><b>13.10.2016</b></p> <p>The talk gave the history of the formation of ICRC and fundamental principles. ICRC provides Forensic advice and operational support. Development of guidelines and standards, tools and following international best practices in the management of the dead.</p> <p>No. of participants: 22</p>
<p>32</p>	<p>Mr. Surfraz Hasim J Managing Director, Sadhana Academy Mangaluru</p> 	<p>Explore your mind</p> <p><b>14.10.2016</b></p> <p>The session was all about the functioning of the human brain mainly about sub-consciousness mind. The examples, stories and activities given by the speaker motivated the students to think positively. He advised the students how to explore their brain potential.</p> <p>No. of participants: 400</p>
<p>33</p>	<p>Dr. Jochen Becker C.O.O MEDIACION Germany and Palliation India</p> 	<p>Palliative care with focus on geriatrics</p> <p><b>19.10.2016</b></p> <p>Palliative care is a boon for critically ill which has become essential need of care today. Palliative care helps to improve the quality of life which people deserve at the end of life. It is observed that more than 50% of people getting palliative care are non cancerous patients. It is essential that palliative care has to be the part of the health care team.</p> <p>No. of participants: 52</p>



<p>34</p>	<p>Dr. Kushil Nathwani Post Graduate, ULCA centre of Esthetic Dentistry, University of California, USA</p> 	<p>Advanced treatment planning in esthetic dentistry - Bringing virtual into reality</p> <p><b>05.11.2016</b></p> <p>Effective communication in the contemporary practice setting is of paramount importance and must be applied and integrated in the daily practice. These skills not only help to improve complex and multidisciplinary case management and predictability but also ensure patient acceptance and satisfaction.</p> <p>No. of participants: 71</p>
<p>35</p>	<p>Dr. Bruce Trigg International Public Health Consultant &amp; Clinical associate professor, University of New Mexico Health Science Centre USA</p> 	<p>Medication assisted treatment and harm reduction for opiate addiction</p> <p><b>12.11.2016</b></p> <p>The lecture was on medication assisted treatment and harm reduction for opiate addiction.</p> <p>No. of participants: 101</p>
<p>36</p>	<p>Dr. Deepak Chandran Research Scientist, School of chemical sciences, National Institute for cellular biotechnology &amp; dept. of Electronic Engineering, Dublin City University, Dublin, Ireland</p> 	<p>Molecular theranostic agents through synthetic inorganic chemistry: Targeting secondary structure of DNA</p> <p><b>17.12.2016</b></p> <p>The talk discussed the synthesis of DNA-binding metallo-intercalators (Metallo drugs) and the ligand oriented complex design for selective binding to DNA for making them potential future targeted theranostic agents.</p> <p>No. of participants: 37</p>

<p>37</p>	<p>Prof. S. Shrihari Professor Dept. of Civil Engineering, NITK, Surathkal</p> 	<p>Energy conservation and resources <b>17.12.2016</b></p> <p>The lecture presented the various conventional and alternative sources of energy. The speaker stressed about the importance of energy as well as necessity to conserve energy resources to save it for future generation.</p> <p>No. of participants: 208</p>
<p>38</p>	<p>Mr. L A Manjunatha Deputy Commissioner of Excise, Dakshina Kannada Mangaluru</p> 	<p>Ill effects of Narcotics <b>23.12.2016</b></p> <p>Mr. Satish Kumar Kudroli, Inspector of Excise gave the introductory speech. Deputy Commissioner of Excise Mr. L A Manjunatha sensitized the students about ill effects of narcotics and law actions taken against its use.</p> <p>No. of participants: 104</p>