



BBC Cure Inspires Next Generation of Medical Researchers with Interdisciplinary Program

In a groundbreaking initiative, BBC Cure (Bridging Brains for Cancer Cure), a non-profit organization together with the Society of Nuclear Medicine India, hosted a pioneering interdisciplinary program at IIT Madras, bringing together stalwarts from diverse medical fields and engineering disciplines. This innovative convergence of expertise aimed to foster collaborative solutions for advancing medical research and education.

Renowned experts from prestigious institutions across India, including Oncology, cardiology, nuclear medicine, gastroenterology, and AI/ML, joined forces to share their knowledge and insights. This unique gathering facilitated a rich exchange of ideas, promoting an interdisciplinary approach to medical research.

A notable highlight of the program was the participation of IIT students from the Engineering Design department. These students contributed significantly to the critical multidisciplinary requirements of the program, showcasing the power of collaboration between engineering and medical disciplines.



The event featured keynote lectures, panel discussions, and networking opportunities, providing a platform for researchers, students, and industry experts to interact and explore potential collaborations. Dr. Prabhu Ethiraj played a pivotal role in organizing the event, demonstrating his commitment to advancing medical research and education. The entire organizing team along with Dr Kavita Arunachalam of IIT Madras, worked tirelessly to ensure the program's success.

The Dr. Norm Coleman Oration and Award were conferred during the event, honoring outstanding contributions to medical research and education.

Esteemed overseas speakers, including Drs. Rao Papineni, Shahid Umar, Prem Saganti, Abraham Mathews and Andreas Kjaer, joined the program, sharing their international perspectives and expertise. Their participation underscored the global nature of medical research and the importance of collaboration.

"BBC Cure's interdisciplinary program at IIT Madras marked a significant milestone in our journey," said the organization's founder Dr. Rao Papineni. "We're grateful for the overwhelming support from India's top medical and engineering institutions, as well as our international collaborators."

As BBC Cure continues to pave the way for innovative medical research and education, its mission remains clear: to advance human health, foster collaboration, and inspire the next generation of medical researchers.



About BBC Cure

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**TWO-DAY SYMPOSIUM
ON
PROGRESS IN MODERN MEDICINE AND THERANOSTICS
DECEMBER 10-11, 2024**

Venue
**Department of Engineering Design,
Indian Institute of Technology-M, Chennai-600 036**



BBC CURE
Non-profit academic arm of



PACT & Health
inspire and ignite innovations for cure

Organized by
**Society of Nuclear Medicine (SNM,India)
& BBC Cure,USA**



Faculty List

	Dr. Abraham Mathew Director – Nuclear Medicine & Cancer Research Center, Thiruvalla Medical Mission (TMM), Kerala & Formerly, Director, Clinical Lead, Redevelopment Project – BC Cancer, Provincial Health Services Authority, British Columbia, Canada.
	Dr. Andreas Kjaer Cluster for Molecular Imaging, Blegdamsvej 3, København, Professor, University of Copenhagen, Chief physician at Rigshospitalet, University of Denmark, Denmark
	Dr. Anil Kumar Mishra Coordinator & formerly Director Institute of Nuclear Medicine and Allied Sciences, Division of Cyclotron and Radiopharmaceutical Sciences, Defense Research & Development Organization, Delhi and Professor, IIT Roorkee
	Dr. Arun Gandhi Chief Consultant & Founder, ArKa Theragnostics & Consultant & Head, Nuclear Medicine Consultant & Head, Nuclear Medicine Kailash Cancer Hospital & Research Centre, Vadodra
	Dr. P. K. Baskar Medical Superintendent and former Dean i/c, Kilpauk Medical College Chennai, Formerly, Professor & HOD, Department of Radiation Oncology Madurai Medical College, Madurai
	Dr. P. Balasubramanian Senior Consultant & HOD Department of Radiation Oncology, Tamil Nadu Government Multi Super Speciality Hospital, Omandurar Government Estate, Chennai
	Dr. (Colonel) Dennis Abraham Medical Director, Thiruvalla Medical Mission Hospital, Kerala
	Dr. S. Chandrasekhar Professor & HOD, Professor (i/c) Rheumatology Department & HOD, Department of Medicine, Government Stanley Medical College, Hony. Joint Secretary & Treasurer, API Chennai Chapter, President, International Society for Renal Research Faculty Council Member, Indian College of Physicians
	Dr. B. S. Dwaraknath Distinguished Scientist (Molecular & Radiation Biologist), Head, Division of Radiation Biosciences, INMAS, Delhi, PACT & Health and IDAC Bangalore
	Dr. Guru Prasad Sonaguru Senior Consultant Interventional Cardiologist & Electrophysiologist Head, Department of Interventional Cardiology, Gleneagles Hospitals, Palikarankai Chennai
	Dr. Hannah Priyanka Coordinator, Scientific Officer, DST INSPIRE Fellow, Institute of Advanced Research in Health Sciences Tamil Nadu Government Multi Super Speciality Hospital Chennai

	Dr. Kavitha Arunachalam Organizing Secretary & Professor, Department of Engineering Design, IIT Madras
	Dr. R Krishnakumar Professor and HOD, Department of Nuclear Medicine Cancer Institute, Adayar Chennai
	Dr. S. S. Lakshmanan Advisor & Formerly Scientific Committee Chairman, Association of Physicians of India, Chennai Chapter Chief Physician & Chairman, Priya Nursing Home, Kappal Polu Street, Chennai 21
	Dr. B. A. Muruganathan Advisor & Director, Physician Research Foundation, Association of Physicians of India (API) & Former President of Association of Physicians of India and Former Dean, Indian College of Physicians, Dr B C Roy Awardee, Former Governor, American College of Physicians, Donated more than 5000 BP Monitors for Home BP Monitoring and started free State of Art Cancer Care Hospital for the Poor in Tirupur.
	Dr. Natesan Ramamoorthy Chairman, SARCAR and Member, ACNRS AERB, Mumbai & Ex-Director, NAPC/IAEA, Vienna Formerly, Senior Advisor to Director BARC, Formerly, Director of the Division of Physical and Chemical Sciences at the International Atomic Energy Agency (IAEA), Vienna, Austria; Formerly, Chief Executive (CE), Board of Radiation and Isotope Technology (BRIT), Mumbai
	Dr. Narendran Gopalan, Senior Director (Scientist F, Medical), National Institute for Research in Tuberculosis, Indian Council for Medical Research, Chetput, Chennai.
	Dr. Allimuthu Nithyanandam Joint Secretary & Coordinator, Senior Consultant Neurologist, Apollo Hospitals, Chennai & Institute of Neurology, Madras Medical College, Rajiv Gandhi Government General Hospital & Madras Medical College, Chennai.
	Dr. P. Paranthaman Coordinator, Joint Secretary, Association of Physicians of India, Chennai Chapter Formerly, Professor & HOD, Department of General Medicine, Government Kilpauk Medical College, Kilpauk, Chennai
	Dr. Paul Ramesh Thangaraj Joint Organizing Secretary, Senior Consultant, Cardiothoracic, Heart & Lung Transplant Surgeon, Apollo Hospital, Grems Road, Nungambakkam, Chennai
	Dr. E. Prabhu Coordinator, President, Society of Nuclear Medicine India & HOD, Nuclear Medicine, Institute of Nuclear Imaging & Molecular Medicine, Tamil Nadu Govt. Multi Super Speciality Hospital, Chennai
	Dr. Premkumar Devadoss Professor & Head, Department of Medical Oncology, Tamil Nadu Government Multi Super Speciality Hospital, Omandurar Government Estate, Chennai 600 002

	Dr. Premkumar Sanganti Regent's Professor, TAMU; NASA Professor of Physics, Director, CRI-RISE (Chancellor's Research Initiative – Radiation Institute of Science & Engineering); Prairie View Texas, USA
	Dr. T Rammanohar Rao National Medical in – Charge, Sir Sathya Sai Organizations India, Y 110, 5 th Street, Anna Nagar West, Anna Nagar, Chennai
	Dr. Rao V L Papineni Coordinator & Distinguished Scientist & Professor (Adjunct-Assoc), Department of Surgery, University of Kansas; CEO, PACT & Health, LLC
	Dr. S. Santhosh Coordinator & Secretary General, Society of Nuclear Medicine India, Senior Consultant & HOD Department of Nuclear Medicine & Molecular Imaging, Dr Rela Hospital, Chrompet, Chennai
	Dr. S. D. Satishnath Formerly, President, Society of Nuclear Medicine India, Southern Chapter & Senior Consultant, Head of the Department of Nuclear Medicine MIOT International Hospital, Manapakkam, Chennai
	Dr. M. S. Senthikumar Senior Endocrine & Breast Surgeon, Apollo Hospitals, Chennai & Chairman, Association of Surgeons of India & Thyroid Federation of India Chennai Chapter, Department of Endocrine and Breast Surgery, Rajiv Gandhi Government General Hospital & Madras Medical College, Chennai.
	Dr. Shahid Umar Professor of Surgery & Vice Chair, Department of Surgery, University of Kansas Medical Center, Rainbow Boulevard, Kansas City, KS, USA
	Dr. Shamim Ahamed Shamim Professor, Department of Nuclear Medicine, All India Institute of Medical Sciences, Ansari Nagar, Delhi
	Dr. K. Shanmugam Advisor, Formerly, Chairman, Association of Physicians of India, Chennai Chapter, Senior Consultant Physician & Head, Department of Medicine, Sir Ivan Stedeford Hospital, Ambattur, Chennai
	Dr. Shenoy Robinson Thought Leader - Growth Strategy, Innovative Business Models, Healthcare Investment Advice to Blend Clinical & Business Operations Chairman, CATEX Health, Delhi
	Dr. Sunder Thiruganansambandan Joint Organizing Secretary & Director for Heart and Lung Transplantation Apollo Hospitals, Greams Road, Nungambakkam Chennai

	Dr. Swamikannu Murugan Director & Senior Consultant, Internal Medicine, MGM Hospitals, Chennai; Distinguished Physician
	Dr. Syed Mustaq Ahmad Formerly, Professor and Head, Department of Nuclear Medicine, Sher – e Kashmir Institute of Medical Sciences, SKIMS Main Road, Soura, Srinagar, Jammu & Kashmir
	Dr. K. Thayalan Joint Secretary & Coordinator, Adjunct Professor, Medical Physics & Radiological Safety, IIT, Madras
	Dr. C. Thirupathi Dean cum Special Officer, Government Cuddalore Medical College & Hospital, Annamalai Nagar, Chidambaram.
	Dr. K. Thirumurthy Senior Consultant Nuclear Medicine Physician, MGM Healthcare Center Arumbakkam, Chennai
	Dr. Venkatesh Rangarajan President (Elect), Society of Nuclear Medicine India Professor & HOD, Department of Nuclear Medicine & Molecular Imaging, Tata Memorial Hospital (Main Hospital), Mumbai
	Dr. N. Vetrivel Coordinator & Chairman, Association of Physicians of India (Vellore Branch) Senior Consultant Physician, Apollo K H Hospital, Ranipet, Vellore District
	Dr. Vijay Viswanathan President, Research Society for Study of Diabetes in India, India, Hony. General Secretary, Association of Physicians of India, Chennai Chapter, President, Prof MV Diabetes Research Centre & President & Board Member, D Foot International, Belgium
	Mr. R. Senthil Coordinator, Head, Operations & Business Development, Leads Clinical Research & Bio Services Pvt. Ltd. Chennai
	Mr. S. Sreekumar CEO, Hotline, Shanthi Colony, Anna Nagar, Chennai
	Dr. S. Subramanian Formerly, Chief Librarian, Regional Institute of Ophthalmology, Egmore, Chennai & Scientific Advisor, Advanced Nuclear Medicine Research Institute, Chennai
	Mr. Vinodh Chairman, Tulip Hospitals, Sholinganallur, Chennai Anna Nagar, Chennai

About Dr. Rao V.L Papineni

Dr. Rao V. L. Papineni is a distinguished scientist-entrepreneur and an Adjunct Faculty Member at the University of Kansas Medical Center, USA. He holds a doctoral degree in Biochemistry from the University of Hong Kong, under British Territorial jurisdiction. Dr. Papineni pursued his early education at the University of Madras, where he earned both his bachelor's and master's Degrees. During his tenure at Baylor College of Medicine, Dr. Papineni made pioneering contributions to the field of Ion Channel structural studies, laying the foundation for groundbreaking research in molecular biophysics. Later in his career, he made seminal contributions to Molecular Imaging and Cancer Nanotechnology, exemplifying his versatility in diverse scientific domains. Dr. Papineni's innovative spirit has led to several notable inventions and has positioned him as a prominent figure in the international scientific community. He has chaired scientific sessions in esteemed International Biomedical Meetings and serves as a valuable NIH Grant Reviewer. Additionally, Dr. Papineni holds positions on the editorial boards of reputable journals such as *Nanotech* and *Experimental Pharmacology*, contributing significantly to the advancement of scientific knowledge. As a visionary scientist, Dr. Papineni has spearheaded advanced research programs focusing on the study of Inflammation and Oncology, employing cutting-edge molecular imaging and nanotechnology-based tools. His laboratory has been instrumental in the development and application of novel technologies in Drug Discovery, particularly in the areas of infection, cancer, and radiation medicine. Notably, Dr. Papineni played a critical role in the fight against the COVID-19 pandemic, making invaluable contributions to the development of treatments and solutions.

















Renowned Scientist Dr. Rao Papineni Brings BBC Cure to India

Dr. Rao Papineni, a distinguished scientist and adjunct professor at the University of Kansas Medical Center, is currently traveling across India to give back to his motherland through a non-profit initiative. This endeavor involves forming a team of like-minded international and domestic speakers and scientists to organize interactive meets called BBC Cure in various cities and tier-II towns.

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Upcoming Event: BBC Cure III

This year, Dr. Papineni, in collaboration with the Society of Nuclear Medicine India, is organizing BBC Cure III at IIT Madras. This event on 10 December 2024, promises to bring together experts from around the world to share cutting-edge research and insights in cancer treatment.

Objective

The primary objective of BBC Cure is to foster a community of young researchers dedicated to cancer cure, providing them with a platform for knowledge sharing, collaboration, and innovation.
