



YENEPOYA

(DEEMED TO BE UNIVERSITY)

Recognized under Sec 3(A) of the UGC Act 1956

Accredited by NAAC with 'A' Grade

3.7.2. Presence of functional MoUs with Institutions / industries in India and abroad for academic, clinical training/ internship, on-the-job training, project work, student / faculty exchange, collaborative research programmes etc., during the last five years

Any Other Document

Outcomes of Collaboration

Sl. No.	Details	Page Number
1.	Creation of Center for Systems Biology and Molecular Medicine (YU-IOB CSBMM) under collaboration with YU and IOB	02 - 04
2.	Master's programme in Research Ethics funded by NIH: collaboration with Monash University, Australia	05 - 06
3.	RATIONS Clinical trial Study: additional financial support from Collaboration institute (Central Coalfield Limited Jharkhand)	07 - 08

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MoU between Yenepoya University and Institute of Bioinformatics (YU-IOB)

Creation of Center for Systems Biology and Molecular Medicine (YU-IOB CSBMM)

- One of the objectives of YU-IOB collaboration was to establish the Center for Systems Biology and Molecular Medicine (CSBMM). Institute of Bioinformatics has been a premiere NGO specialised in cutting age research in omics technology including Genomics, Proteomics, Metabolomics and Bioinformatics. This Centre was established in November 20, 2014 to foster cutting age multidisciplinary research and training in multi-omics technology
- The YU-IOB CSMBMM has state of the art facilities that foster not only to Yenepoya (Deemed to be University) but also extends mass spectrometry based Proteomic services both in collaborative and consultancy modes to national and international institutions including industries.
- The centre is equipped with state-of-art mass spectrometry facility to carry out high throughput proteomics and metabolomics research and training
- Facilities:



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- Thermo Scientific Orbitrap Fusion Tribrid mass spectrometer
- Sciex QTRAP 6500 mass spectrometer



Thermo Scientific Orbitrap Fusion Tribrid mass spectrometer at CSBMM, YDU



Sciex QTRAP 6500 mass spectrometer at CSBMM, YDU

Collaborating institutions and industries:

- National Institute of Immunology New Delhi
- Postgraduate Institute of Medical Education and Research (PGIMER) Chandigarh,
- National Institute of Plant Genome research (NIPGR) New Delhi,
- Jawaharlal Nehru University New Delhi
- Indian Institute of Technology Roorkee
- Central India Institute of Medical Sciences (CIIMS) Nagpur,
- Indian Institute of Technology Madras
- The Norwegian University of Science and Technology (NTNU), Norway
- London School of Hygiene and Tropical Medicine
- Hindustan Unilever
- Aurigene Discovery Technologies Ltd.



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- Academic programmes : CSBMM offered Post Graduate Diploma in Multiomics Technology under Biotechnology Skill Enhancement Programme (BiSEP) from Department of IT, BT and S&T, Government of Karnataka association with Life Sciences Sector Skill Development Council
- Ongoing projects:
 - Govt funded: 04
 - International: 02
 - Collaborative studies: 24
- Web link: <http://csbmm.yenepoya.res.in/>

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Centre for Ethics



Master's programme in Research Ethics (Yenepeya University-Fogarty International Center for Research Ethics Master's Program for India) Sponsored by NIH

- The Centre for Ethics (CFE) at Yenepeya (Deemed to be University), Mangalore was established in February 2011 and has made prominent contributions to the field of ethics in collaboration with various international organizations
- The Master's programme in Research Ethics (Yenepeya University-Fogarty International Center for Research Ethics Master's Program for India) Sponsored by NIH is an outcome of collaboration between Monash University, Australia
- This Centre is supported by an educational research grant from National Institutes of Health, USA, for two-year, full-time Master's programme in Research Ethics (Yenepeya University-Fogarty International Center for Research Ethics Master's Program for India)
- International collaboration with Department of History, Philosophy and Ethics of Medicine, Johannes Gutenberg University, Mainz, Germany. Dr. Norbert W Paul, Professor and Director of the Department of History, Philosophy and Ethics of Medicine, Johannes Gutenberg University, Mainz, Germany, is the visiting Professor at the Centre for Ethics
- Web link: <http://www.ethics.edu.in/>

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Visit of Johannes Gutenberg Medical University, Mainz, Germany students to Centre for Ethics

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Center for Nutrition Studies



The RATIONS (Reducing Activation of Tuberculosis by Improvement of Nutritional Status) clinical trial study

- Center for Nutrition Studies at Yenepoya (Deemed to be University) established October 2017, to foster nutrition related activities relevant to India
- The Center is engaging with several government and non government bodies such as Ministry of Health and Family Welfare, UNICEF, National Center for Excellence and Advanced Research on Diets (NCEARD) in field of Maternal Nutrition advocacy, implementation, policy and planning
- Center for Nutrition studies has partnered with National Institute for Research in Tuberculosis (NIRT) for the RATIONS (Reducing Activation of Tuberculosis by Improvement of Nutritional Status) study to reduce TB incidence in household contacts of patients with smear positive pulmonary tuberculosis in communities with a high prevalence of under nutrition along with Central Coalfield Limited Jharkhand. This study is funded by ICMR, Govt. of India
- The center has joint research collaboration with several bodies including UNICEF and McGill University
- The Center for Nutrition Studies developed a mobile application called N-TB for the nutritional assessment and care of undernourished patients with TB in collaboration with the McGill International TB Centre and is endorsed by WHO and Revised National Tuberculosis Control Program in 2018 (Link: <https://www.mcgill.ca/tb/resources>)
- Web link: <https://cns.edu.in/resources/>

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New App to Launch on World TB Day, Will Assess Nutrition & Provide Counselling to Patients

HEALTH WELLNESS | Sania Dhiwari | Mar 23, 2018 11:10 AM IST

7 Shares



Representational Image. (Photo Credits: Jeshoots/pixabay)

The Yene-poya (Deemed to be University) in Mangalore and McGill International TB Centre are set to release an android-based app for tuberculosis patients on World Tuberculosis Day on March 23. The app endorsed by the Revised National Tuberculosis Control Programme and WHO India, was

included in the new initiatives unveiled during the End TB Summit recently held in New Delhi. The app called N-TB will let the user calculate his or her body mass index (BMI).


If the BMI is very low, the app will red-flag the fact and provide guidance on how to manage severe undernutrition. The app will help provide a treatment plan to achieve a desirable weight and will recommend the daily caloric and protein intake. It will also offer counselling tips on diet with an emphasis on the value of locally available foods in contrast to costly nutritional supplements, activity and lifestyle. The app can be downloaded for free on Google Play. The app is developed by Dr. Anurag Bhargava and his wife Dr. Madhavi Bhargava. Dr. Anurag said undernourished patients are at



**Dr. Anurag Bhargava delivered core seminar at McGill University Montreal
Canada in May 2018**

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