



VINAYAKA MISSION'S RESEARCH FOUNDATION

Deemed to be University under section 3 of the UGC Act 1956

Salem, Tamil Nadu

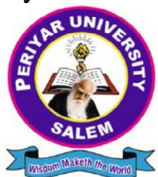


National Conference on **Technology & Innovations in Healthcare** (NCTIH 22)

4th & 5th November 2022

Key Partners

Periyar University



Salem



USA



Bengaluru



Test At Home

Singapore

Venue : Annapoorna Auditorium,
Vinayaka Mission's Kirupananda Variyar Medical
College & Hospitals, Salem



About the University

Vinayaka Mission's Research Foundation (VMRF(DU)) had its inception in the year 1981 with the establishment of the Thirumuruga Kirupananda Variyar Thavathiru Sundara Swamigal (TKVTSS) Medical Educational and Charitable Trust. In 1982, the Founder-Chancellor, Dr.A.Shanmugasundaram instituted the Vinayaka Mission's College of Pharmacy in Salem, the pioneer institution of Vinayaka Missions. In the year 2001 the "Deemed to be University" status was conferred on Vinayaka Missions by the Ministry of Human Resources Development, Government of India with the recommendations of the UGC Under Section 3 of the UGC Act, 1956 as an acknowledgement of its excellence, satisfaction of the highest level of academic standards and best infrastructural facilities provided to achieve pre-eminence in education and by virtue of this recognition, Vinayaka Missions transcended to become Vinayaka Mission's Research Foundation (VMRF) as the 48th University in India. It has 13 colleges and 11 Schools including 3 Medical Colleges, 2 Engineering colleges, 1 Dental College, 1 Homoeopathic Medical College, 1 Pharmacy college, 3 Physiotherapy Colleges / Schools, 3 Nursing Colleges, 2 Arts & Science Colleges / Schools, 5 Schools of Allied Health Sciences, 1 School of Rehabilitation and Behavioural Sciences, 1 Physical Education and 1 School of Law under the university in four locations in Salem, Chengalpet District and in Pondicherry & Karaikal. All the Programs offered by VMRF(DU) are approved by respective statutory authorities. VMRF(DU) is Accredited by NAAC with 'A' grade and ranked in NIRF and ARIIA.

Virology Research Labs have been setup in all three medical colleges with RT-PCR testing centers approved by the respective Governments for testing SARS-Covid virus. All these labs are accredited by NABL. Both medical colleges in Karaikkal and Pondicherry have been accredited by NABH. Vinayaka Missions Homeopathic Medical College and Hospital has been accredited by NABH.



About the Conference

Conference Theme

Achieving Health Care Excellence Through Technology

Overview

- Many health problems faced by the society are multifactorial and often require social and political inputs as well as interventions from medical and technological experts.
- Creativity can help break down the artificial barriers that we have in medicine.

- We see medical specialties as being very different and very disconnected from each other and they are largely driven by diseases.
- This leads to the idea that different parts of the body and different diseases are all disconnected.

Goals of the Conference

This conference will act as a bridge for Interdisciplinary / Multidisciplinary approach which involves deep and robust integration of distinct disciplines of Health Sciences and Technology and encourage younger minds towards Research and Innovation and to improve patient outcomes.

Conference Features

- Eminent speakers & Key opinion makers on the theme
- Networking Opportunities
- Interactive sessions, Experience sharing in the form of conference papers
- Best presentations will be honoured by awards, cash prizes and will be published in the indexed journals/proceedings.
- Best papers with scientific temper will be provided with Mentoring support by Experts, Prototyping, Idea Patenting and Start-up opportunities.

Meant for Faculty of :

Medicine | Dentistry | Homeopathy | Engineering & Technology
Pharmacy | Nursing | Physiotherapy | Allied Health Sciences | Science

Topics

- Artificial Intelligence and Machine Learning
- Robotics in Healthcare
- Big Data Analytics
- Internet of Things
- Medical Imaging
- Augmented Reality and Virtual Reality
- Advanced Material Science
- Biotechnology & Bioinformatics
- Pharmaceutical Technology



Chief Patrons

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Dato' Seri Dr. S. Sharavanan
Pro Chancellor, VMRF DU

Mr. N. V. Chandrasekar
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Patron

Prof. Dr. P.K. Sudhir
Vice Chancellor, VMRF DU



Chief Guest



Prof. Dr. Mohanan Kunnummal
Vice Chancellor,
Kerala University of Health
Sciences, Thrissur, Kerala



Eminent Speakers



Shri. Vikas Bhalla
Sr Director, IGT,
Philips India Company,
Bangalore



Prof. Dr. M. Michael Gromiha,
Professor of Biotechnology,
Indian Institute of Technology, Madras.



Prof. Dr. Manohara M M Pai
Prof., Department of Information &
Communication Technology,
Manipal Institute of Technology
Manipal Academy of Higher Education



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Prof. & Head,
Dept. of Surgical Gastroenterology,
JIPMER Puducherry



Prof. Dr. M. Manivannan
Prof. of Biomedical Engineering
Department of Applied Mechanics,
Indian Institute of Technology, Madras.



Prof. Dr. N. Ramesh Babu
Professor of Metallurgical and
Materials Engineering, National
Institute of Technology, Trichy



Mr. Robin Tommy
Head, TCS Rapid Labs,
Research and
Innovation, TCS,
Kerala



Dr. Suwarna Datar
Associate Professor,
Department of Applied Physics
Defence Institute of Advanced Technology
(DIAT DU), Pune, Maharashtra.



Dr. Vivek Manoharan
Co-Founder & CEO,
Test At Home Pvt. Ltd
Singapore



Ms. Sweta Bhadra
Subject Matter Expert,
Intel FICE,
Bangalore



Advisory Committee

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VMRF DU



Organising Committee

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- **Dr. Deepti Shastri**, Deputy Dean,
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- **Prof. Dr. D. Vinod Kumar**, Prof. & Head, Bio Medical Engineering,
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Aarupadai Veedu Institute Of Technology, Paiyanoor.
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School of Arts and Science, Aarupadai Veedu campus, Chengalpet District.
- **Ms. Vinoba**, Associate Professor, OBG Nursing, Vinayaka Mission's College of Nursing, Karaikal.
- **Dr. R. Naganandini**, Associate Professor & Head, Mental Health Nursing,
Vinayaka Mission's Annapoorana College of Nursing, Salem.
- **Dr. T. Silambarasan**, Assistant Professor, Department of Microbiology, SAHS,
VIMS Campus, VMRF (DU), Salem.
- **Dr. K. Suganya**, Assistant Professor (Research),
Vinayaka Mission's Medical College and Hospital, Karaikal.
- **Ms. Berttle Priya**, Assistant Professor, OBG Nursing,
Vinayaka Mission's College of Nursing, Puducherry.

Important Dates & Registration Fee Details

Last date for Registration and Abstract submission	18.10.2022	Registration Fee for Students & Research Scholars	Rs. 750 /-
Confirmation of selection of Paper for Oral / E-Poster presentation (Full Length paper to be submitted for selected abstracts before presentation)	25.10.2022	Registration Fee for Academicians	Rs. 1000 /-
		Registration Fee for Industrialist / MSMEs	Rs. 1500 /-

Note : Late Fee of Rs. 250 /- in all categories to be paid for registration, If registered after the scheduled date

For Registration

For Registration Contact : Dr. Maya Ramesh - +91 96009 18804
 Dr. P. S. Aravind Raj - +91 99402 98500
 Email : nctih22vmrfdu@gmail.com
 Website URL : www.vmrfdu.edu.in/nctih22.php
 Registration Form URL : <https://forms.gle/YHMZiYW8ZpM2Y33c6>
 Submit your abstract to mail id : nctih22vmrfdu@gmail.com
 Helpline : +91 93621 28860
 dy.director.academics@vmu.edu.in

Organizing Chair

Dr. A. Nagappan
 Director, Innovation, Incubation and Entrepreneurship
 Vinayaka Mission's Research Foundation (Deemed to be University), Salem.
 Mail Id: director.innovation@vmu.edu.in
 Mobile: 93621 21432

Organizing Secretary

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 Deputy Director - Academics,
 VMRF DU, Salem.

Scientific Chair

Dr. S. Suriya Narayanan
 Deputy Director - Research,
 VMRF DU, Salem.

NATIONAL CONFERENCE ON TECHNOLOGY & INNOVATIONS IN HEALTH CARE – NOV 4th & 5th 2022

Avail Special discount for Hotel tariff given below.

Participants of National Conference on Technology & Innovations in Health Care
Please Contact Registration Committee or Dr. S. Gokulakannan - 9840929636



HOTEL RADISSON

Deluxe Room Single	: ₹. 5500+ GST
Deluxe Room Double	: ₹. 6500+ GST
Business Class Single	: ₹. 6500 + GST
Business Class Double	: ₹. 7500



GRAND ESTANCIA

Single occupancy	: ₹. 3500 + 12% tax
Double occupancy	: ₹. 4000 + 12% tax
Executive Single	: ₹. 4000 + 12% tax
Executive Double	: ₹. 4500 + 12% tax



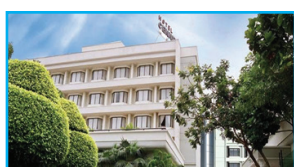
SIVARAJ INN

Executive Single	: ₹. 4500 + taxes
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Luxury Suite Single	: ₹. 7000 + GST
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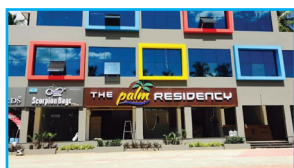
HOTEL CENNEYS GATEWAY

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Double occupancy	: ₹. 3500 + 12% tax = ₹. 3920/-



RATHNA RESIDENCY SALEM

Single occupancy	: ₹. 1950 + 12% tax = ₹. 2184/-
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Luxury Suite	: ₹. 3400 + 12% tax = ₹. 3808/-



THE PALM RESIDENCY

Near A2B HOTEL
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Deluxe Room Double : ₹. 2500



J R RESIDENCY

Kasturi Bakery Upstairs
(Opposite to VMKVMC-Conference Hall)

Single room	
A/C	: ₹. 1,300
Non-A/C	: ₹. 1,000

HOTELS IN SALEM

National Conference on Technology & Innovations in Healthcare (NCTIH22)

GENERAL GUIDELINES FOR SCIENTIFIC SESSIONS:

- Delegates who wish to present scientific papers / e-posters should register for the conference.
- A reference number will be allotted to all the abstracts.
- Scientific committee reserves the rights to send back or reject the abstracts/ presentations which don't adhere to the guidelines mentioned in the respective sections.
- Scientific committee reserves the rights to change oral papers to e-poster presentation as per the content and will be informed well in advance to the presenters.
- Certificate of appreciation will be given for Best Presenter along with Prizes per session in oral paper presentation and e-poster category separately.
- Only presenter will get the certificate for oral paper presentation and e-poster category. Co – Author(s) / Guides are not eligible for presentation certificates in all the above categories.
- Decision of scientific committee is final.
- Instructions / Guidelines for oral presentation and e-poster presentation will be mailed to all presenting author along with acceptance mail.

GUIDELINES FOR FULL ENGLISH PAPER PUBLICATIONS:

- The abstracts will be scrutinized by Scientific Committee and based on its novelty and innovations, the author will be requested to submit the full length paper to publish in indexed journal.
- Full length paper guidelines will be mailed only to presenters of selected abstracts.

GUIDELINES FOR ABSTRACT SUBMISSION:

- Abstract should not exceed 250 words.
- Mention the category (UG /PG/ Faculty Session) and Presentation (Oral / e-Poster).
- Title of the abstract (Times New Roman, font size –12, Uppercase) should be precise followed by authors name and affiliations with presenting author mail ID & contact number.
- Abstract can be unstructured as a single paragraph and neatly typed with one inch right and left margin, 1.5 spaced in MS – word format (.docx), Times New Roman font size 12.
- Presenting Author name should be underlined and the corresponding author name should contain * mark.
- 4 to 5 key words need to be added below the abstract.
- Sample abstract format is attached as a template below
Abstract should be mailed to nctih22vmrfdu@gmail.com

For further details / queries presenters can contact the SCIENTIFIC COMMITTEE

Dr. B. Senthil Kumar – 9894398677

Dr. B. Arul - 9944117022

For further information, visit our conference website at: <https://www.vmrfdu.edu.in/nctih22.php>

ABSTRACT TEMPLATE

REGISTRATION NUMBER – XXX000

CATEGORY –Faculty – Oral Presentation.

**TITLE - Portfolio in Competency Based Medical Education - A Review of the Current
Technology for Future Trends**

Dr. B. Senthil Kumar*, Dr. Deepti Shastri

Department of Anatomy, Vinayaka Missions's Kirupananda Variyar Medical College &
Hospitals, Vinayaka Mission's Research Foundation (Deemed to be University)

Salem - 636308, TamilNadu.

Presenting Author Email – skdrchinu88@gmail.com

Presenting Author Contact Number – 9894398677

ABSTRACT

Educational Technology plays an important role in learning facilitation for improving educational system. Competency Based Medical Education (CBME) has become central to the training and assessment of health-care education. Competency Based Medical Education (CBME) mainly focuses on outcomes and professional performance of the medical students. Assessment has a key role in shaping the outcomes and success of a curriculum and hence must be carefully planned before implementing. The CBME focuses on outcome and performance skills, so it is important to observe and assess at workplace. The Work Place Based Assessment (WPBA) methods assess at the 'does' level of Miller's pyramid and these assessments include various methods and Portfolio is one among them which is still on trial and error basis and not yet implemented in medical institutions. When a literature search was done only few review articles were available from India on Portfolio in medical education when compared to western countries. In the present review article we shall discuss elaborately the portfolio under various sections such as types and various models of portfolio, components of portfolio, learning portfolio and its types, how to construct a portfolio, various available software / tools for developing a portfolio, purpose, characteristics, responsibilities, assessment of CBME by portfolio in medical graduates at various professional levels and advantages and disadvantages of portfolio.

Key Words - Portfolio, Work Place Based Assessment (WPBA), Miller's pyramid, Competency Based Medical Education (CBME)



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ARIIA
ATAL RANKING OF INSTITUTIONS
ON INNOVATION ACHIEVEMENTS



MoE's
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(GOVERNMENT OF INDIA)

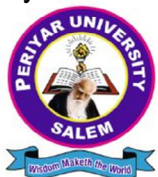


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USA



Bengaluru



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Venue : Annapoorna Auditorium,
Vinayaka Mission's Kirupananda Variyar Medical
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3	20 Ft x 10 Ft	4 persons allowed with Lunch 2 standee inside Auditorium 2 standee within the Stall	Rs. 30,000/- +18% GST

(B) BANNER

S. No	Details	Fare
1	Banner(Standee only)	Rs. 5,000/- +18% GST

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S. No	Details	Fare
1	15 Minutes	Rs. 50,000/-
2	30 Minutes	Rs. 1,00,000/-

(D) SOUVENIR

S. No	Details	Fare
1	Back Cover	Rs. 25,000/-
2	Front Inside Cover	Rs. 15,000/-
3	Back Inside Cover	Rs. 15,000/-
4	Full Page (Colour)	Rs. 10,000/-
5	Full Page (Black & White)	Rs. 5,000/-
6	Half Page (Colour)	Rs. 5,000/-

PAYMENT INFORMATION

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MICR Code: 636020011

For Details Contact:

Organizing Secretary

Dr. A. Rajan Samuel

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VINAYAKA MISSION'S RESEARCH FOUNDATION

(Deemed to be University under section 3 of the UGC Act 1956)

Salem, Tamil Nadu

National Conference on Technology & Innovations in Healthcare (NCTIH 22) November 4th & 5th

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To,

The Organizing Chairman,

NCTIH 22,

VMRF DU, Salem.

Dear Sir/Madam,

Please book for us

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On the occasion of National Conference on Technology & Innovations in Healthcare (NCTIH 22). Other concerned information is given below.

Name of Organization:

Name of Contact Person:

Address:

Mobile Number:

Email ID:

Submit your contract to

Email Address - director.innovation@vmu.edu.in

For details contact - +91 9362121432