



VINAYAKA MISSION'S
RESEARCH FOUNDATION
Deemed to be University under section 3 of the UGC Act 1956



VINAYAKA MISSION'S
SANKARACHARIYAR
DENTAL COLLEGE

National Conference on Technology & Innovations in Healthcare (NCTIH-24)



Open for *Faculties, Research Scholars,
Students (PGs & UGs), Private Sector
Delegates & Entrepreneurs Belonging to
Health Care, Engineering, Biotechnology
and Arts & Sciences*

Hosted By

***Vinayaka Mission's Sankarachariyar Dental College, Salem
Vinayaka Mission's Research Foundation(DU)***

**AUGUST
2024**

23 & 24

***Venue - Annapoorna Auditorium, Vinayaka Mission's
Kirupananda Variyar Medical College, Chinnaseeragapadi, Salem***

Visit us on : www.spark24ai.com

Welcome Message

Greetings!

With immense pleasure, we welcome everyone of you to this unique multidisciplinary event

Health care is rapidly progressing towards achieving precision and accuracy in diagnosis and treatment. Zero to minimal error in quality health care and safety is possible only as a result of the solutions rendered by Innovations in Digital health care Technology. Hence, Vinayaka Mission's Sankarachariyar Dental College, VMRF (DU), Salem is organizing the "National Conference on Technology and Innovations in Healthcare" – SPARK 24' on 23,24 August 2024.

This Conference is a conglomeration of diverse streams using recent advances for betterment of humanity. Expect a unique experience of listening to applications of Artificial Intelligence (AI), Augmented Reality (AR), Virtual Reality (VR), Virtual Surgical Planning (VSP) in healthcare from reputed personalities of different disciplines.

This platform is open for undergraduate, postgraduate students, Research scholars, Faculties and private entrepreneurs related to Health care, Engineering, Biotechnology and Arts & Science. Preconference courses have been planned at various institutions of VMRF (DU) for focused groups. Besides paper and e-poster presentations, we also have an exclusive Idea pitching event on multidisciplinary projects in this conference. Looking forward to a great interaction with proactive minds and exploding ideas in the two days of the conference.

On behalf of Organizing Committee of SPARK 2024', We once again welcome each and every one to this splendid event.

Jai Hind.

Organizing Team

Highlights of the conference

- *Preconference Courses*
- *Idea Pitching*
- *Spark 2024 Awards*
- *Paper & E- Posters*
- *Exciting Prizes*
- *Registered Live Global Streaming*



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Pre Conference Courses

Date : 22.08.2024

**Vinayaka Mission's Sankarachariyar
Dental College, Salem**

**Digital Smile Designing
Dr. Joephin Sounder & Team**



**3D Virtual Planning in Digital
Implantology – Dr. John Nesan & Team**



**Vinayaka Mission's Kirupananda
Variyar Medical College, Salem**

**AI in Health Education
- Dr. Shah Chinmay Jayprakash**



**Vinayaka Mission's Kirupananda
Variyar Engineering College, Salem**

**AI And Digital Technologies in Global
Healthcare Systems - Health Scenario
– Dr. J. Somasekar**



**Vinayaka Mission's College of
Pharmacy, Salem**

**Pharmacy 2.0: Leveraging Technology for
Healthcare Innovation
- Dr. S. Kavimani & Team**



For Enquiries :

Dr. A. Udhayan



+91 98652 24533

KEY NOTE SPEAKERS



Prof. Manohara MM Pai

Senior Professor

Department of Information & Communication Technology
Manipal Institute of Technology

Topic : AI and Digital transformation in Orthopedics(Healthcare) and Energy Management



Dr. Paul C. Salins

Medical Director/ Sr. Vice President : Narayana Health - Mazumdar Shaw Medical Centre.

Managing Director : Mazumdar Shaw Medical Foundation.

Topic: Perspectives on emerging ideas in AI / ML



Dr. M. Shiva Shankar

CTO - Dantech Digital Dental Solutions Pvt. Ltd,

Topic : Digital Advances in Dentistry



Mr. Raja Kumar Bollem

Principal Venture Coach, GITAM -Deemed to be University
Director, INVOMAC Pvt Ltd

Topic : Decision models for better Artificial Intelligence.



Dr. Jaideep J Rayapudi

Vice President

Clinical Solutions

Topic : Ethical and bias issues with Artificial Intelligence in healthcare



Ms. Sweta Bhadra

Subject Matter Expert (Times Pro)

Topic :Artificial Intelligence Transformations in Mental Health

PANEL DISCUSSION

Topic : Augmented Reality & Virtual Reality in Maxillofacial Surgeries



Dr. John Nesan
Director- CTARS



Dr. M.S. Senthil Kumar
Professor
Madras Medical College
SIMS Hospital (SRM Institute for
Medical Sciences)



Mr. Lokesh Aravindan
Director – Tech-lera
innovations Pvt Ltd



Dr. G. Padmanabha Kumar
Deputy Dean
MAHSA University

Topic : Artificial Intelligence and Data science for Oral Cancer Screening and Surveillance



Dr. Moni Abraham Koriakose
Medical Director
Karkinos Health Care.



Dr. Vijay Pillai
Consultant and Chief, Head and
Neck Surgical Oncology
Narayana Health



Dr. SumSum Sunny
Clinician Scientist
Mazumdar Shaw Medical
Center



Mr. Aravind Sivaramakrishnan
Chief Information officer
Karkinos Health Care.



Dr. Praveen Birur
Vice Principal, Professor & Head
Dept of Oral Medicine & Radiology.
K.L.E Society's Institute of Dental
Sciences

SCIENTIFIC EVENTS

Paper presentations - 1 main author & 1 co-author
Spark 2024 Award presentations - 1 main author & 1 co-author
Spark tank - Idea pitching - 1-4 members/ team
E-posters - 1 main author & 1 co-author

PRESENTATION TIME

Free paper category
7 minutes (5 minutes presentation+ 2 minutes discussion)
SPARK 2024 award
10 minutes (8 minutes presentation +2 minutes discussion)
SPARK TANK
15 minutes (10 minutes presentation +5 minutes discussion)
E-Poster
5 minutes (3 minutes presentation + 2 minutes discussion)

Open for - Delegates ,Research scholars/Associates, Under Graduate, Post graduate students & Private practitioners of Medical, Dental, Paramedical, Engineering, Biotechnology, Arts and science can participate in scientific presentation.

ABSTRACT SUBMISSION

Registration is mandatory
- <http://spark24ai.com/registration.php>
Last date for Abstract submission for Delegate/PG Paper/E poster - 24-7-2024.
Last date submission of full presentation in SPARK 2024 award- 14-7-2024.
Scientific Guidelines
- <http://spark24ai.com/assets/doc/guidelines.pdf>
Submission of abstracts
- <http://spark24ai.com/scientific.php>
Acceptance of abstract will be sent to the presenter via email.
Decision of Scientific Committee is Final.

For Enquires: email us to : scientificspark2024@vmsdc.edu.in

Dr.C.Balamanikandasrinivasan – 86681 97369

Dr.S.Sunantha (SPARK TANK) – 99940 66144

REGISTRATION

Category	Early bird upto 22 nd July	From 23 rd July	Spot registration
Delegate * (Includes conference gift + Breakfast (2) + Lunch (2) + Refreshments + Banquet Dinner (1) + Entry to all scientific session + Trade fair)	2500	3000	3500
PG (includes Registration kit +Breakfast (2) + Lunch (2) + Refreshments +Entry to all scientific session + Trade fair)	1500	2000	2500
UG (includes Registration kit+ Breakfast (2) + Lunch (2) + Refreshments + Entry to all scientific session +Trade fair)	1000	1500	2000
Accompany person (includes Breakfast (2) + Lunch (2) + Refreshments)	1000	1000	1000

***Delegate** – includes Faculty working in an institution, Private Practitioners, Research Scholars, Research Associates, Industrialists and Entrepreneurs.

Note : **Registration restricted to 500 participants.**
First- come First-serve basis.

REGISTER NOW



<http://www.spark24ai.com>

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A/c No. : 563388525

IFSC : IDIB000V036

Branch : Veerapandi

Key Contacts

Registration

Dr. Mathew Jacob

+91 87545 69194

Pre conference

Dr. A. Udhayan

+91 98652 24533

Scientific

Dr. C. Balamanikandasrinivasan

+91 86681 97369

Reception

Dr. A. Narendran

+91 99407 48600



A/C : 563388525

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