





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

AUGUST 2024

tificial Intelligence

23 & 24

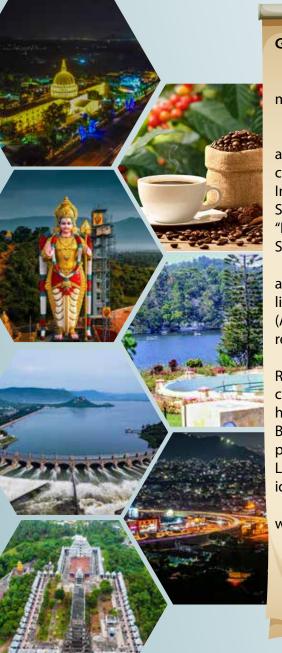
Hosted By

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

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



Dr. A.S. Ganesan Chancellor, VMRF-DU **Dato' Seri Dr. S. Sharavanan**Pro Chancellor, VMRF-DU

Mr. N. V. Chandrasekar Vice President, VMRF-DU



Patrons

Prof. Dr. P.K. SudhirVice Chancellor
VMRF-DU

Prof. Dr. J. Sabarinathan
Pro Vice Chancellor
VMRF-DU



Dr. A. Nagappan Registrar VMRF-DU

Dr. K. ManivannanController of Examinations
VMRF-DU

Dr. S.A.V. Satya MurtyDirector - Research
VMRF-DU

Prof. Dr. P. Gnanasekar Director - IIEI VMRF-DU

Prof. Dr. R.S. Shanmugasundaram Director -Student Welfare VMRF-DU



Conference Ambassadors

Dr. K. Ezhil VendhanDean
VMKVMCH, Salem

Dr. M. KumarPrincipal
VMPHA, Salem

Dr. R. Sasi KumarPrincipal
VMKV Engineering College, Salem

Dr. E. SaravananPrincipal
VM Physical Education College,
Salem

Dr.E.RathnasabapathiPrincipal
VMHMCH, Salem

Dr. V. AnbazhaganPrincipal
VMKV Arts College, Salem

Dr. B. Sendhil KumarDean
SAHS, VIMS Campus, Salem

Dr. A.Sam ThamburajPrincipal
VM Physiotheraphy College,
Salem



Dr. J. Baby John **Organizing Chairman**

Dr. Reena Rachel John **Organizing Secretary**

Dr. K. Indra Priyadharshini Treasurer

Scientific Committee

Dr. C. Balamanikandasrinivasan - Chairman Dr. Divya Krishnamoorthi - Co Chairman Dr. M. Subhashini - Member Dr. A. Pavithran - Member Dr. S. Sunantha - Member Dr. Bhuvanesh Kumar .D.V. - Member Dr. P. Dhanalakshmi - Member Dr. Dhrumil J. Manek - Member Dr. Marciano John Vialli Paul - Member

Registration Committee

Dr. Mathew Jacob - Chairman Dr.A.Narendran - Chairman Dr. C. Bharath - Member Dr. K. Mohammed Aadhil - Member Dr. S. Selvalakshmi - Member Dr. K. Tamilselvan - Member Dr. M. Prarthana - Member Dr. Rohan Vasanth Raj - Member

Pre Conference Committee

Dr. A. Udhayan Dr. K. Mathan Kumar - Chairman - Chairman Dr. Vanitha Revankar Dr. S. Suresh - Member - Member Dr. Maya Ramesh - Member

Certificates/ Memento Committee

Dr. Diana Prem - Chairperson Dr. S. Karthickraja Dr. Ajith G.V. - Member Dr. S. Santhakumari Dr. R.T. Reethika Rathan - Member Dr. Annie Swathisha .P - Member

Promotion Committee

Dr. Sabitha Gokulraj Dr. N. Saravanan - Chairman Dr. J. Arun Kumar Dr. Yokataa .G.S - Member Dr. Veena Arali - Member

Hospitality Committee

Reception Committee

Social Media Committee

- Chairman

- Member

Stage Committee

- Chairperson - Member

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

Al in Health Education - Dr. Shah Chinmay Jayprakash





Vinayaka Mission's Kirupananda Variyar Engineering College, Salem

Al 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: Al 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 RayapudiVice 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 NesanDirector- CTARS



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



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



Dr.G.Padmanabha kumarDeputy Dean
MAHSA University

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



Dr.Moni Abhraham KoriakoseMedical Director
Karkinos Health Care.



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



Dr.SumSum SunnyClinician Scientist
Mazumdar Shaw Medical
Center



Mr.Aravind SivaramakrishnanChief Information officer
Karkinos Health Care.



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

SCIENTIFIC EVENTS

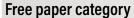
Paper presentations - 1 main author & 1 co-author

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



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.



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.



Bank Name: Indian Bank

A/c Name: The Principal VMS Dental College

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



Live Global Streaming



Technology Support

