

Sona Valliappa Trust & Dr. Sandhya Health Foundation

Jointly presents a

Faculty Development Program

For Faculties of Sona Medical College of Naturopathy
and Yoga

AI in Naturopathy and AYUSH

Digital Transformation of Traditional Medicine



Submitted by

**Centre for Social Responsibility Initiatives
Sona College of Technology**

1. Introduction

The one-day Faculty Development Program (FDP) was jointly organized by Sona Valliappa Trust and Dr. Sandhya Health Foundation for the Naturopathy Doctors and Professors of Sona Medical College of Naturopathy and Yoga. The program aimed to make Artificial Intelligence approachable and relevant by demonstrating how modern AI tools can support diagnosis, documentation, patient engagement, and preventive care within naturopathy and AYUSH systems.

Resource Person

Dr. S. Srinivasan, a distinguished technologist and academic with a Ph.D. and M.Tech in Electronics and Communication. He has served as Head of the Computer Science Department across leading institutions and held senior leadership roles in global technology companies including Research Head at Texas Instruments, Technical Lead at Verifone, Senior Researcher at L&T, and Senior Technical Advisor at HP. Dr. Srinivasan has consulted on high-end projects in parallel computing and quantum encryption and contributed to over 300 patents in chip design, security systems, telecom, robotics, and neural NetWare innovations.

2. Methodology

- A one-day, hands-on program with live demonstrations and open discussions.
- Participants included naturopathy doctors, faculty members and CSRI team.
- Sessions focused on making AI tools easy to understand and relatable to real-world clinical work.
- Easy transformation from ChatGPT and GrokAI, the session to introduce numerous AI tools that helpful in Medical Field.

3. Program Flow

- **Welcome Address** – Mr. Shankar, Administrative Officer, Sona Medical College of Naturopathy and Yoga.
- **About the Organizers** – Dr. Vasanthi Balamurugan (Sona Valliappa Trust) and Mr. Ashok (Dr. Sandhya Health Foundation).
- **Resource Person Introduction** – Mr. M. Prem, Executive – Sona CSRI.

- **Vote of Thanks** – Mr. Prithvi Krishna, Chief Advisor, CSRI.
- **Event Emcee** – Mr. Jaisoorya, Project Coordinator, CSRI.
- **Facilitation** – Dr. S. Srinivasan was honored with *The Sona Story* Book by Dr. Vasanthi Balamurugan (Dean – SMCNY) and Dr. Dharmasarmavardini (Principal – SMCNY).

4. AI Tools Discussed

Medical Support Tools

- ArkAngel – AI assistant for medical queries
- Paige.AI – digital pathology
- Path.AI – automated pathology review
- Mirai – early breast cancer prediction
- AliveCor Kardia – heart rhythm monitoring
- Wysa, Wobe, Limbic – mental health AI platforms
- Ada Health, Google Med-PaLM 2, OpenAI GPT-4 medical fine-tunes, Babylong – AI symptom analysis tools

Admin Efficiency AI Tools

- Nabla – AI note-taking
- DeepScribe – automated scribing
- Nuance DAX – clinical documentation
- WavoAI – transcription assistance

Wearables & Remote Monitoring

- Dexcom – glucose monitoring
- Abbott Libre Sense – metabolic tracking
- Medtronic – cardiac and insulin monitoring devices

Open-Source Medical AI Models

- OpenBioLLM – biomedical AI model
- Meditron – AI reasoning for medical research

5. Learnings

- Introduce AI-supported documentation tools to reduce manual workload.
- Use AI-based symptom checkers for faster triaging and patient support.

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- Adopt wearable data for preventive and lifestyle-based treatment approaches.

6. Recommendations

- A weekend AI boot camp is proposed to strengthen doctors' digital readiness through practical, case-based learning and focused skill-building.
- A small institutional AI research program is suggested to drive collaborative innovation and develop practical healthcare solutions.
- A CSR-focused hands-on AI training initiative is recommended to build staff capacity and enhance technology-driven workplace improvements.

7. Conclusion

The FDP helped doctors view Artificial Intelligence as a supportive companion rather than a complex technology. The resource person simplified advanced concepts, demonstrated real tools, and showed how AI can make diagnosis, documentation, monitoring, and research more efficient. With continued training and support, AI can play a meaningful role in strengthening naturopathy and AYUSH-based healthcare.





