SIKER 2026: School on Interdisciplinary Knowledge Engineering and Research

Two day National level Workshop on Interdisciplinary Research

Date: 07-08 Dec 2026
Venue: IIIT Kottayam

Theme: AI for Ayurveda and other Traditional Knowledge Representation

Organized by CLC Lab, Department of Computer Science and Engineering, IIIT Kottayam

MAJOR THEMES

- **AI for Ayurveda and Traditional Knowledge**
- **Foundations of Generative AI (GenAI)**
- **Knowledge Representation: Ontologies & Knowledge Graphs**
- **Hands-on-Training: Building GenAI Applications**
- **Interdisciplinary learning and Innovation**

KEYNOTES AND WORKSHOP HIGHLIGHTS

- **IMPATT Database:** Exploring Indian medicinal plants, Phytochemistry, and Therapeutics
- **Knowledge Representation for Ayurveda:** Applications, Scope and Opportunities
- **Knowledge Representation & Ontologies:** Foundations and practical applications
- **Generative AI & Large Language Models (LLMs):** Concepts and Applications
- **Hands-on Workshop:** Integrating LLMs and Ontologies for Evidence-based Knowledge Extraction

LIST OF SPEAKERS



Dr. Areejith Samal
Professor, IMSC



Dr. Sheela Karalam
Chief Scientist, VARI



Dr. Tharaniya Sairaj
Assistant Professor, IIIT Kottayam



Dr. Manu Madhavan
Assistant Professor, IIIT Kottayam



Dr. Nandini J. Warrier
Assistant Professor, IIIT Kottayam

ELIGIBILITY AND REGISTRATION

- Faculty members, Research Scholars and UG/PG students can register
- Registration fee is Rs. 850/-
- For registration and more details, visit the event website
- Limited number of accommodation will be provided on payment basis

CONTACT

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For registration and other details, visit clc.iiitkottayam.ac.in/siker2026