

Day 1 | 24 September 2026

AI-Driven Drug Discovery & Digital Healthcare

Inaugural Ceremony

Dr. Jagadeesh MN

- AI-Enabled Drug Discovery: From Computational Design to Therapeutic Innovation

Dr. Thomas Antony

- Digital Transformation Shaping the Future of Disease Diagnosis and Treatment

Day 2 | 25 September 2026

AI, Computational Drug Discovery & Connected Healthcare

Dr. Mahesha BR Pandit

- The Intelligent Hospital: AI's Role in Accelerating Discovery, Expanding Care, and Transforming Health Systems

Dr. Ramesh Sistla

- AI-Assisted Computational Drug Discovery and Molecular Modelling for Next-Generation Healthcare

Mr. Kevin Devasia

- Architecting Next-Gen Telemedicine: Digital Networks and Connected Healthcare Ecosystems
- Smart Ambulances & Beyond: Leveraging AI for Real-Time Emergency Healthcare Systems

Day 3 | 26 September 2026

Hands-On & Mini-Project Day

Facilitator: Mr. Hemanth Kumar
Senior Lead Data Scientist, Happiest Minds Technologies

- Hands-On:** LLMs & NLP in Biomedical Research – Concepts, Tools & Live Demonstrations
- Hands-On:** Biomedical Knowledge Graphs & AI-Driven Biomedical Data Analysis
- Mini-Project:** Applying NLP, Knowledge Graphs & LLMs to Real-World Healthcare Datasets
- Project Presentations, Expert Feedback & Valedictory ceremony

About RSST

Managed by Rashtreeya Sikshana Samithi Trust (RSST), RV Educational Institutions envision promoting innovative learning, instil a spirit of enquiry, inducing healthy challenges, encouraging sustainable accomplishments and ensuring enriching rewards to all students, parents, teachers and associates. RSST believes that every individual from each stratum of society needs the education to fulfil their aspirations. Following this belief, Sri. M. C. Sivananda Sarma, a renowned freedom fighter, educator, and administrator laid the foundation of RV Educational Institutions in the year 1940. Today, RV has become one of India's largest educational consortium with 29 institutions and more than 30,000 students to realize the vision of creating an atmosphere of involved learning. RSST successfully established one of its most ambitious projects, RV Institute of Technology and Management (RVITM) in 2019.

About RVITM

The RV Institute of Technology and Management (RVITM) is a prestigious institution under the RV Educational Institutions, dedicated to preparing students for the world beyond the classroom. RVITM offers undergraduate programs in Computer Science Engineering (CSE), Information Science Engineering (ISE), Computer Science and Engineering (AI-ML), Electronics and Communication Engineering (ECE), and Mechanical Engineering (ME), as well as a postgraduate program in Master of Computer Applications (MCA). These programs emphasize experiential learning through an ICT-enabled curriculum and are supported by state-of-the-art infrastructure. RVITM is affiliated with Visvesvaraya Technological University in Belagavi and is approved by the Government of Karnataka and the All India Council for Technical Education (AICTE), New Delhi. The institute adopts a holistic approach to education, equipping students to face global challenges effectively. RVITM provides an excellent learning environment with cutting-edge facilities and highly motivated, dedicated faculty members, all aligned with the VTU Curriculum. The institution encourages participation in co-curricular and extracurricular activities for overall development and fosters a research culture among students through supportive mentoring.

About Department of Computer Science & Engineering

The Department of Computer Science and Engineering, established in 2019, offers a Bachelor of Engineering (B.E.) program affiliated with Visvesvaraya Technological University (VTU) in Belagavi, with an intake of 180 students, the department features experienced faculty and state-of-the-art laboratories for academic and research purposes. It organizes various activities, including Faculty Development Programs (FDPs) conferences, workshops, expert lectures, and student initiatives. Strong industry connections through Memorandums of Understanding (MoUs) enhance students' professional readiness. Notable achievements include securing two VTU ranks, excellent placement records in top-tier companies, and significant faculty contributions to research published in prestigious journals. The department is committed to developing skilled, industry-ready professionals for the evolving technological landscape.



RV Institute of Technology and Management

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about us



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RV Institute of Technology & Management

WITH FINANCIAL SUPPORT FROM
Anusandhan National Research Foundation (ANRF)

CSE CLUSTER
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Organises

A Three-Day National Level Workshop

AI-DRIVEN
Digital Transformation
in Healthcare:

Applications in Drug Discovery, Telemedicine, and Intelligent Systems

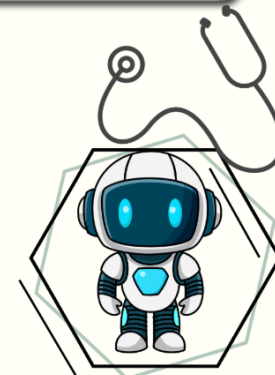


24TH to 26TH
September 2026



UG Seminar Hall, 1st Floor,
RVITM, Chaithanya Layout,
8th Phase, J.P.Nagar,
Bengaluru,
Karnataka – 560076

Mode: Offline



Chief Patrons

- **Dr. M P Shyam**, President, RSST, Bengaluru
- **Dr. (h.c) A.V.S Murthy**, Hon. Secretary, RSST, Bengaluru
- **Sri. D.P Nagaraj**, Joint Secretary, RSST, Bengaluru
- **Sri. P S Venkatesh Babu**, Hon. Treasurer, RSST, Bengaluru
- **Sri. P S Nandakumar**, Governing Council Chairman, RVITM, Bengaluru

Patrons

- **Dr. Nagashetappa Biradar**, Principal, RVITM, Bengaluru
- **Dr. Manjunath Prasad R**, Vice Principal, RVITM, Bengaluru

Organizing Chair

- **Dr. Malini M Patil**, Dean, CSE Cluster, RVITM, Bengaluru
- **Dr. Hema M S**, Professor and Head, Dept of Computer Science & Engineering, RVITM, Bengaluru

Convener

Dr. Annie Sujith, Associate Professor, Dept. of CSE, RVITM, Bengaluru

Co-Convener

Mrs. Priyanka K R, Assistant Professor, Dept. of CSE, RVITM, Bengaluru

Program Coordinators



- **Mr. S. Murugan**
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- **Ms. Veda N**
Assistant Professor,
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About the Workshop

This three-day National Level Workshop on “**AI-Driven Digital Transformation in Healthcare: Applications in Drug Discovery, Telemedicine, and Intelligent Systems**” aims to provide participants with industry-oriented exposure to the latest advancements in Artificial Intelligence and Healthcare Technologies.

The workshop focuses on emerging applications of AI in healthcare systems, computational drug discovery, telemedicine, embedded intelligent systems, and modern digital healthcare infrastructure through expert lectures, demonstrations, and hands-on sessions.

Objectives

- To understand AI-driven healthcare applications and digital transformation
- To explore AI techniques in drug discovery and intelligent systems
- To learn telemedicine technologies and healthcare platforms
- To provide hands-on exposure using modern AI tools and technologies
- To encourage interdisciplinary learning and innovation

Key Outcomes

- Understanding of AI applications in healthcare
- Practical exposure to telemedicine and intelligent systems
- Hands-on learning with modern AI tools
- Industry insights from experts and researchers
- Enhanced innovation and research capabilities

Who Can Attend

- UG/PG Students, Research Scholars, Faculty Members, and Young Research Professionals



Venue:

UG Seminar Hall, 1st Floor, RV Institute of Technology and Management (RVITM), Chaithanya Layout, 8th Phase, J. P. Nagar, Bengaluru, Karnataka – 560076

Registration Link & QR Code:

<https://forms.gle/3Nm6VndwwzJRsrY7>



Registration Fee: ₹200/-

Note: Registration fee is non-refundable and non-transferable

Resource Persons

Dr. Jagadeesh MN

Founder & CEO, Deesha Discovery

20+ years of global experience in AI & Machine Learning for modern drug discovery. Formerly with Sygnature Discovery (UK), A*STAR Singapore, Aurigene, and Codexis (USA).

Dr. Ramesh Sistla

Founder & Managing Director, thinkMolecular Technologies Pvt. Ltd

20+ years of experience in AI/ML-Augmented Drug Discovery. Former Head of Molecular Modelling & Computational Drug Design at Biocon BMS R&D, Syngene international, and Aurigene with 30+ patents.

Dr. Thomas Antony

Managing Director, Bioprompt Discovery Services

34+ years of expertise in Drug Discovery; former Senior Director at Aurigene Oncology (Dr. Reddy's Group), where he led 8 drug discovery projects and contributed to 75+ others, with 15+ projects progressing to clinical-trial stages.

Dr. Mahesha BR Pandit

Chief Information Officer, Ninestars Information Technologies Pvt. Ltd.

Adjunct Professor, SIT Tumakuru

30+ years of global experience, Patent Holder in Post-Quantum Cryptography, and Government of India Quantum Technology Standards Committee member, specializing in AI, Cloud, and Quantum-driven Digital Transformation.

Mr. Kevin Devasia

Deputy Vice President, Rajagiri Telemedicine Service

22+ years of experience in Telemedicine, AI in Healthcare & Health-Tech Operations; pioneer behind Kerala's first Corporate Telemedicine Network and globally recognized innovations in Virtual ICU and AI-enabled healthcare.

Mr. Hemanth Kumar

Senior Lead Data Scientist, Happiest Minds Technologies

12+ years of expertise in AI, ML, and Advanced Analytics, delivering enterprise solutions for Microsoft, Telstra, Cox Communications, Johnson & Johnson, Coty Inc., Kenvue, and Bristol Myers Squibb.