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Registrar

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Ref. No.: VTU/R&D/2025-26/2554

Date: 2 9 AUG 2025

CIRCULAR

Sub: **Call for Interdisciplinary Research Proposals in Healthcare Science - *Collaborative Initiative between Visvesvaraya Technological University (VTU) and Sri Sathya Sai University for Human Excellence (SSSUHE)-reg.***
Ref: **Hon'ble Vice-Chancellor's approval dated 29th August 2025.**

Visvesvaraya Technological University (VTU), in collaboration with Sri Sathya Sai University for Human Excellence (SSSUHE), invites the submission of high-quality interdisciplinary research proposals in the field of Healthcare Science and Technology. This initiative stems from a strategic partnership formalized through a Memorandum of Understanding (MoU) between the two institutions, aimed at advancing innovation and translational research in healthcare.

This joint program seeks to stimulate pioneering research, promote technological advancement, and support impactful, interdisciplinary projects that address pressing challenges in areas such as biomedical systems, assistive technologies, telemedicine, digital health, and related healthcare domains.

Eligibility and Participation:

All VTU-affiliated engineering institutions, including regional centres and constituent colleges, are invited to submit proposals. Faculty-led, interdisciplinary teams—especially those incorporating student researchers—are highly encouraged to apply.

Priority will be accorded to proposals that demonstrate:

- Strong interdisciplinary collaboration
- Technological innovation with practical scalability
- Alignment with national and global healthcare priorities
- Potential for societal and clinical impact

Indicative Thematic Areas:
(Please note: the following themes are illustrative and not exhaustive)

- Mental health technologies and stress monitoring systems
- AI/ML applications for diagnostics and clinical decision support
- Cost-effective technological interventions for routine healthcare challenges
- Assistive, rehabilitative, and geriatric technology solutions
- Public health data analytics, rural healthcare innovations, and digital health ecosystems

Proposal Structure:

Submissions should adhere to the following format:
1. Title and Executive Summary
2. Problem Statement and Objectives
3. Technical Methodology and Research Framework
4. Team Composition and Role Distribution
5. Expected Deliverables and Societal Relevance
6. Project Timeline with Defined Milestones
7. Estimated Budget (If applicable)

Submission Details:
- **Deadline: *15ᵗʰ September 2025***
- **Mode of Submission: Email the proposal to: rnddirector@vtu.ac.in**
- Subject Line Format: *"Healthcare Proposal – [Institution Name]"*

Review and Support Mechanism:

Submitted proposals will undergo a rigorous technical evaluation. Selected proposals may qualify for:
- Expert mentorship
- Access to shared infrastructure and collaborative resources
- Seed funding support
- Further incubation for translational research or pilot implementation

This initiative is designed to harness the engineering and technological capabilities of VTU-affiliated institutions to drive meaningful advancements in healthcare and public welfare. We urge all eligible institutions to actively participate and contribute to this impactful endeavour.

For further information, please contact:

Director, Research & Development Visvesvaraya Technological University
Email: rnddirector@vtu.ac.in

Sd/-
REGISTRAR

To,
1. The Principals of Constituent/Affiliated/Autonomous Engg. Colleges of VTU
2. The Chairpersons and Program Coordinators of VTU Departments.
Copy to:
1) The Hon'ble Vice-Chancellor, through his Secretary, VTU, Belagavi for information.
2) The Regional Director (I/c), VTU Regional office, Belagavi, for information.

REGISTRAR