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#startup of the day 29 - proRITHM

13 October 2026 | Features

Enabling Smarter Patient Monitoring

Inception - 2020

Location - Ashburn, Virginia, USA (**India Locations**: Hyderabad and Bengaluru)

Industry domain - HealthTech, Remote Patient Monitoring (RPM), Medical Devices, Artificial Intelligence (AI), Internet of Things (IoT), Data Analytics, and Connected Healthcare.

Founders - Mr. Vamsi Karatam, Founder & CEO of DeepFacts Private Limited, the company behind proRITHM.

Total Team Strength - Approximately 47 employees and planned to add another 5–10 employees during 2026.

Total funds raised - The total funding amount has not been disclosed. proRITHM has received pre-seed funding and grants through ATMAN 3.0 from TIH, IIT Bombay; DISHA 2.0 grant from DRISHTI CPS, IIT Indore; and DST funding from GRTBIF.

Investors - The documents mention funding and grant support from:

- ATMAN 3.0, Technology Innovation Hub (TIH), IIT Bombay.
- DISHA 2.0, DRISHTI CPS, IIT Indore.
- GRTBIF, through DST funding.

Key Highlights / Achievements in 2025–26 -

1. Continued development of an AI- and IoT-enabled remote patient monitoring solution integrating a Bluetooth-enabled, multi-parameter wearable device with a remote patient monitoring platform.
2. Enables continuous monitoring of vital health parameters, including heart rate, ECG, blood pressure, oxygen saturation, respiratory rate, and temperature.
3. Facilitates real-time health data transmission to support early detection of health risks and timely clinical intervention.
4. Designed to support hospitals, home healthcare settings, and emergency services.
5. Focuses on predictive diagnostics, preventive healthcare, and improved patient outcomes through continuous monitoring.
6. Backed by regulatory approvals and aligned with global safety standards.
7. Received funding and grant support through healthcare technology and innovation programmes, including ATMAN 3.0, DISHA 2.0, and DST funding from GRTBIF. Specific achievements during 2025–26 are not separately detailed in the documents.

Founder Speaks -

We aim to strengthen continuous patient monitoring and predictive diagnostics to enable the early detection of potential health risks. We are also working towards developing scalable digital health solutions for chronic disease management, bridging the gap between patients and healthcare professionals regardless of geographical location. Through these efforts, we aspire to promote preventive healthcare and make healthcare delivery more accessible, efficient, and patient-centric.

- **Mr. Vamsi Karatam**