



XYMA Analytics is a spin-out from Centre for NDE, IIT Madras and incubated by IIT Madras Incubation Cell. We provide novel ultrasonic sensors and Industrial-IoT solutions to industries using high-temperature processes such as refineries, power plants, steel plants and other manufacturing industries. Our sensors provide dense measurements across a unit, improving performance and asset life, which is coupled with AI-powered physical models for intelligent support.

### Founders

**Dr KRISHNAN BALASUBRAMANIAN**

[Chair Professor-IITM]

**Dr PRABHU RAJAGOPAL-**

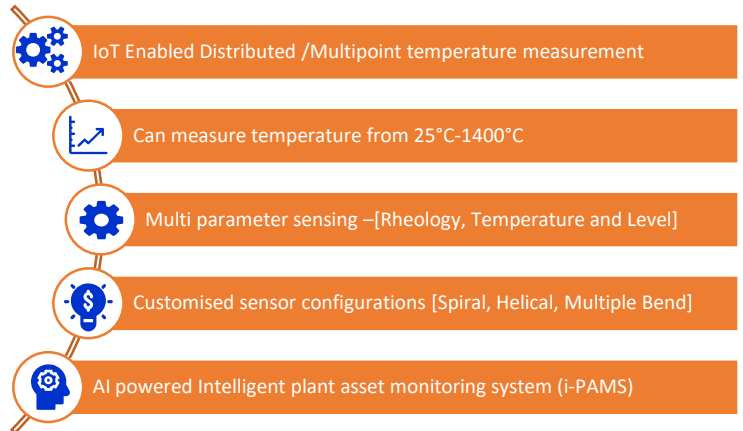
[Professor-IITM]

**Dr. NISHANTH RAJA- CEO**

[PhD- Anna Univ]

**ASWIN KUMAR KATHIRVEL -CTO**

[B.Tech- IITM]



### OUR PRODUCTS



**PoRTS**

**PoRTS** stands for Portable Rheology and Temperature Sensor that can simultaneously measure the Viscosity, Temperature and Level of a fluid with high reliability and precision.



**I-PAMS**

I-PAMS is our Industrial-IoT based asset monitoring system for industries. It provides real-time data visualization and detailed analysis delivering complete process control to the operator.



**Ztar**

**Ztar** is our waveguide based ultrasonic level sensor which provides accurate level measurement even at higher temperatures. It is compatible with any hostile environment such as corrosive fluids due to the wide range of waveguide materials.



**µTMaps**

**µTMaps** ( Multi-Point Temperature Sensor) and **µSTMaps** (Multi-Point Skin Temperature Mapping Sensor) are robust high-temperature sensors capable of multi-point measurement in a single waveguide. Combined with our AI-powered Soft Sensors, they provide 3-D temperature profiles of an asset.

### OUR CLIENTS/TRACTIONS

