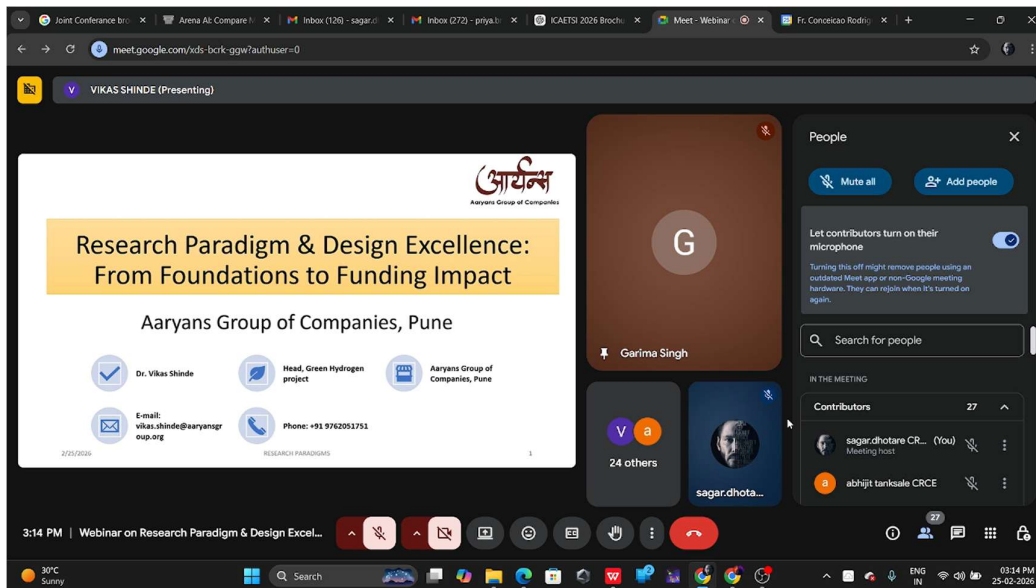


Webinar on Research Paradigm & Design Excellence: From Foundations to Funding Impact

A webinar titled “**Research Paradigm & Design Excellence: From Foundations to Funding Impact**” was organized by the R&D Cell in association with the Institution’s Innovation Council at Fr. Conceicao Rodrigues College of Engineering on **25th February 2026**. The session was delivered by **Dr. Vikas V. Shinde**, Project Head – Green Hydrogen at Aaryans Group of Companies, who shared insights on research methodologies, design excellence, and funding opportunities. The webinar guided participants on developing impactful research ideas, maintaining research ethics, and preparing strong proposals for research grants. Faculty members, researchers, and students actively participated and gained valuable knowledge about the research and development process.




Joint Conference br... Arena AI Compare... Inbox (126) - sagar.d... Inbox (272) - priya.b... ICAETSI 2026 Broch... Meet - Webinar... Fr. Conceicao Rodri...

meet.google.com/xds-bcrk-ggw?authuser=0

VIKAS SHINDE (Presenting)

Hydrogen Products

- SOHAM_Hydrogen Production Plant
- Hydrogen Electrolyzer – PEM and AEM
- Hydrogen Fuel cells – PEM
- Green Hydrogen Production Plant
- Portable Hydrogen re-fuelling station
- Fuel Cell EV
- Digital Twins
- Management of Aaryans Hydrogen Inventory (MAHI)
- **Hydrogen Innovations Lab (COE)**
- Liquid Oxygen and Nitrogen Plants
- Oxygen and Nitrogen Gas Plants



Aaryans Group of Companies

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2026-02-25 15-18-16

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Someone wants to join this call

30°C Sunny

Search

ENG (IN)

03:19 PM 25-02-2026

VIKAS SHINDE (Presenting)

Design Philosophy

- We as industry look into market demand and supply gaps
- We look into areas where solutions doesn't exist or are limited
- We look at futuristic trends and government policies, missions
- We look into market trends and new needs, customer behavior
- We do **research to create products and services** which can payback us now or in future
- It can be **Product or service for customers or Patent or Copyrights of Technology**
- We **invest in people to do research** who has a track record for above areas



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2/25/2026 RESEARCH PARADIGMS 8

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VIKAS SHINDE (Presenting)

What is research?

2/25/2026

RESEARCH PARADIGMS 12

- Activity
- Time-bound / Short or Long
- Bounded by discipline or inter-disciplinary
- Based on Need Or Problem to Solve
- Goal/Object or Target Oriented
- Outcome based – New knowledge, Product or Process
- Outcome assessment – Quality and Impact
- Individual or Team based Work
- Journey could be known to Unknown or Unknown to Known
- Finding something which is not obvious yes or no

आर्यन्स
Aryans Group of Companies

VIKAS SHINDE

Sushma Nag...

Garima Singh

abhihit tanksa...

Jeet Ruia

das CRCE

25 others

sagar.dhotare CRCE

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