



# RICH COMMUNIQUÉ

Oct - Dec 2025



## COVER STORY



### » Advancing S&T, Showcasing Clusters' Strength

The first S&T International Conference was held on 4th and 5th December in Delhi. The Conference brought together International partners from across the globe to learn about the S&T Clusters in India and share insights from their respective countries about similar model of work.



» Workshop on Chemical Application Protocols



» LoA issued to CII for Greening of MSMEs under RAMP.

# COVER STORY



## » ADVANCING S&T, SHOWCASING CLUSTERS' STRENGTH

The International Science & Technology (S&T) Clusters Conference 2025, held on 4–5 December at the Dr. Ambedkar International Centre, New Delhi, marked a significant milestone in India's science-led collaboration agenda. Organised by the Office of the Principal Scientific Adviser (PSA) to the Government of India, the conference brought together all eight S&T city clusters, international organisations, policymakers, industry leaders, researchers, and startups on a single platform.

Designed to strengthen global connectivity and cross-border collaboration, the conference showcased how demand-driven, technology-led solutions emerging from India's regional clusters are addressing real-world challenges. Across two days, expert-led panels, exhibitions of scalable innovations, and structured dialogues highlighted progress across sectors such as healthcare, sustainability, industry, livelihoods, and agriculture.

On Day 1, RICH co-hosted the Smart Agriculture panel with the BeST Cluster, focusing on how digital and precision technologies are reshaping Indian agriculture. The session explored AI-driven analytics, IoT-enabled irrigation, data-led soil health management, and sustainable agri-value chains, underscoring the role of technology in improving productivity, resilience, and climate-smart food systems. The panel reinforced the importance of international research partnerships in accelerating adoption and farmer impact. RICH also showcased smart agritech solutions through a curated video, featured eight startups at the exhibition stalls, and contributed to a compendium of agritech startups operating at advanced readiness levels.

On Day 2, RICH co-hosted the Industry Automation & Startups panel with AMTZ, continuing conversations on India's shift toward technology-led industrial growth. Discussions centred on intelligent automation, AI-enabled optimisation, sensor-based monitoring, and startup-friendly industrial ecosystems. The session highlighted how advanced manufacturing and automation can strengthen industrial resilience and competitiveness. RICH also formalised two international collaborations to advance knowledge exchange and innovation-led industrial growth.

For more details, Click on the link: [Day 1](#), [Day 2](#)



# SECTOR-SPECIFIC HIGHLIGHTS

## FOOD & AGRICULTURE

### » Hands-on Workshop on Chemical Application Protocols | Siddipet

On 6 November 2025, RICH, in collaboration with Syngenta and Siddipet Kisan Agro Processing Ltd FPO, organised a hands-on workshop on protocols for chemical application to reduce MRL (Maximum Residue Levels) in Siddipet, Telangana.

The workshop brought together 100+ vegetable farmers and sector officials and included a live demonstration on safe chemical application practices, led by Syngenta experts, supported by a drone-spraying demonstration. Startup showcases by Temperate Technologies and Navariti Innovation (HELIOT.AI) were also featured.

For more details, Click on the link: [Syngenta - Siddipet](#)



## » Academic and Research Interaction with Prof. Michael Friend

RICH hosted Prof. Michael Friend, Pro Vice Chancellor, Research (Performance and Governance), Charles Sturt University, Australia, during his visit to Hyderabad.

The visit included interactions at ICRISAT, P. V. Narasimha Rao Telangana Veterinary University, AgHub – PJTSAU, and the PJTSAU Drone Academy, focusing on agricultural research, animal health, international collaboration, and digital agriculture initiatives.

For more details, Click on the link: [Prof Michael Visit](#)



## LIFE SCIENCES

### » Immersion visit for the selected start-ups under Cohort 8 of Acceleration Initiative for Devices, Diagnostics and Digital Health

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RICH successfully concluded immersion program for the selected start-ups under the Cohort 8. The purpose of these immersions was to provide an in-depth understanding of patient-centric workflows and highlight the importance of empathy-driven design in developing effective brain health solutions. Through immersive engagements like these, our aim is to help startups design innovations that address the needs of both patients and clinicians. Participants got an opportunity to interact with clinicians from Manaha Clinic, Atharv Ability, Argala Revive, Kamineni Hospitals and KIMS Kondapur

For more details, Click on the link: [Please Visit](#)



### » 3rd Edition – ABCs of Medical Devices & IVDs Commercialisation Journey

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RICH successfully concluded the 3rd Edition of the “ABCs of Medical Devices & IVDs Commercialisation Journey”, a structured programme designed to demystify the end-to-end pathway from concept to market for medical devices and in-vitro diagnostics.

## The programme was delivered as a multi-intervention series and included:

### » Foundational Virtual Sessions

Sessions focused on startup incorporation, DPIIT recognition, and Intellectual Property Rights (IPR), providing participants with an understanding of formal venture structuring and innovation protection.

### » Product Design & Manufacturing Immersions

In-person interventions introduced participants to design thinking principles, prototyping approaches, material selection, and manufacturing considerations relevant to medical devices and IVDs.

### » Regulatory Workshop

A hands-on workshop addressed India's medical device regulatory framework, covering device classification, documentation requirements, and compliance pathways based on industry practices.

### » Clinical Validation Immersion

The programme concluded with a clinical validation immersion, offering insights into study planning, ethical considerations, clinician engagement, and the importance of clinical evidence for regulatory and market adoption.

Participants included students, researchers, early-stage startups, MSMEs, and ecosystem stakeholders working in the MedTech and diagnostics space.

For more details, Click on the link: [Please Visit](#)



# SUSTAINABILITY

## » Hydrogen Dialogue Series – First Edition

RICH launched the first edition of the Hydrogen Dialogue Series on World Green Hydrogen Day, marking the start of a focused knowledge-sharing initiative in the green hydrogen space.

### Webinar on Green Hydrogen Ecosystem (with JSW Steel)

As part of the Hydrogen Dialogue Series, RICH organised a webinar on the Green Hydrogen Ecosystem in collaboration with JSW Steel. The session was attended by over 100 participants and featured expert perspectives from Deloitte, L&T & GIZ, and JSW Steel, addressing challenges across the green hydrogen value chain.

For more details, Click on the link: [Please Visit](#)



The banner features a background image of wind turbines and hydrogen storage tanks. The tanks are labeled with 'H<sub>2</sub>' and 'HYDROGEN ZERO EMISSION CLEAN ENERGY OF THE FUTURE'. The text on the right side of the banner reads: 'CELEBRATES WORLD HYDROGEN DAY WITH 1ST EDITION OF HYDROGEN DIALOGUE SERIES', 'JOIN US FOR AN EXCLUSIVE WEBINAR', 'GREEN HYDROGEN IN INDIA ADDRESSING CHALLENGES IN THE VALUE CHAIN THROUGH INNOVATION AND COLLABORATION', '08<sup>TH</sup> OCTOBER 2025 | 3:00PM TO 4:30PM', and a QR code with the text 'SCAN TO REGISTER'.

**RICH**  
Research and Innovation  
Centre of Excellence

IN ASSOCIATION WITH  
**JSW**  
JINDAL STAINLESS

CELEBRATES  
**WORLD HYDROGEN DAY**  
WITH 1ST EDITION OF HYDROGEN DIALOGUE SERIES

JOIN US FOR AN EXCLUSIVE WEBINAR

**GREEN HYDROGEN IN INDIA**  
ADDRESSING CHALLENGES IN THE VALUE CHAIN  
THROUGH INNOVATION AND COLLABORATION

08<sup>TH</sup> OCTOBER 2025 | 3:00PM TO 4:30PM

SCAN TO REGISTER

## » LoA issued to CII for Greening of MSMEs under RAMP.

During the quarter, a Letter of Award (LoA) was issued to CII for the Greening of MSMEs project under the RAMP scheme, marking a documented programme milestone within the sustainability vertical.

For more details, Click on the link: [Please Visit](#)



## WOMEN IN STEM

Office of the Principal Scientific Adviser  
to the Government of India

ICRCH  
Institute of Chemical Research  
Council of Scientific and Industrial Research

**Industry-Ready Skills:  
Shaping the Future of Careers  
in Life Sciences, Pharma & Biotechnology**

“ You know yourself best. Never stop being creative. Once you choose a path, stay focused on it. In life, focus is extremely important, many professionals tend to shift from one field to another. First, determine where your passion truly lies, have patience, and things will definitely work in your favor. Focus is the key to success. ”



**Prof. Vandana Patravale**  
Professor of Pharmaceuticals at the  
Institute of Chemical Technology (ICT), Mumbai

## » Women in STEM Session

A session under the Women in STEM programme was conducted during the quarter, The session formed part of ongoing engagement activities with students and stakeholders associated with the programme. The session featured Prof. Vandana Patravale, Professor of Pharmaceuticals at the Institute of Chemical Technology (ICT), Mumbai, and addressed skills, perspectives, and preparation relevant to students aspiring to build careers across life sciences–related domains.

For more details, Click on the link: [Please Visit](#)

## STARTUP SPOTLIGHT

### » **Proleri Technologies Pvt. Ltd. | Food & Agriculture**

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Proleri Technologies received its first patent for its technology during the quarter. The startup was also selected for funding support under the DBT–BIRAC Joint Call for Proposals on “Smart Proteins” under the BioE3 Policy, supporting high-performance biomanufacturing.



### » **Kuppismart Solutions Pvt. Ltd. | Food & Agriculture**

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Kuppismart Solutions secured a paid pilot with Suguna Foods Pvt. Ltd., one of India’s leading poultry conglomerates, marking a documented milestone for the startup during the quarter.



### » **Gudlyf | Sustainability**

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Gudlyf is working on Type 4 composite cylinders for high-pressure storage of industrial gases, particularly hydrogen. During the quarter, the startup initiated work on paid pilots and secured a grant from MeitY. Gudlyf has also received Rs. 10 lakh under NIDHI PRAYAS and Rs. 30 lakh from RICH under SISF, and was recognised as a winner of the Carbon Zero Challenge.



## » Pavakha Energy | Sustainability

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Pavakha Energy is developing novel thin-film solar paint technology capable of converting surfaces into solar panels. During the quarter, the startup progressed with field trials and initiated steps towards setting up a manufacturing facility. The startup has received Rs. 10 lakh in funding from RICH under SISF and was shortlisted for CCD funding of Rs. 50 lakh from IIT Hyderabad.



## » Ambiator | Sustainability

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Ambiator, which is working on energy-efficient cooling technologies for commercial, industrial, and large built environments, was selected for the TiE 50 Cohort Programme during the quarter.



## » ROPODS | Life Sciences

ROPODS was selected for MeitY's SAMRIDH Accelerator Programme 2025, marking a key milestone for the startup in the life sciences sector.

# ROPODS

## » TiE Hyderabad – Top 50 Startups Recognition

Startups associated with Research and Innovation Circle of Hyderabad (RICH) were selected among the Top 50 Startups by TiE Hyderabad.

The recognition highlights startups supported by RICH that were featured in TiE Hyderabad's Top 50 Startup cohort.

Selected Startups - Achala Health Services Private Limited, Ambiator Private Limited, Avinya NeuroTech, PMX Health, Proleri, Samyama.AI





## » WEBINAR ON BIRAC BIG – 25TH CALL | 17 NOVEMBER 2025

RICH supported A-IDEA NAARM, in collaboration with TGIC, in organising a webinar on the BIRAC BIG 25th Call. The webinar witnessed participation from over 70 startups, researchers, innovators, and students, and focused on creating awareness about the call and application process.

### KEY HIGHLIGHTS- BIRAC BIG WEBINAR

- » Organised on 17 November 2025
- » Conducted with A-IDEA NAARM and TGIC
- » Participation from 70+ startups, researchers, innovators, and students



## » Ag-Hub PJTSAU – Steering Committee Meeting | Food & Agriculture

RICH participated in the second Steering Committee meeting organised by Ag-Hub, PJTSAU on 7 October 2025, focused on reviewing progress for ACRAT. RICH was represented by Ravi Kiran G, Director – Food & Agriculture, and Maneesha Nangunoori, Project Manager – Food & Agriculture, who contributed to discussions on startup engagement and ecosystem development.



## » WOTR–GIZ Workshop on Soil–Water–Food Nexus | Food & Agriculture

RICH participated in a workshop organised by WOTR and GIZ on 14 October 2025, focusing on the collective stewardship of the soil–water–food nexus under climate uncertainty. The discussions highlighted the role of soil health, community-led approaches, and data-driven technologies such as AI-based soil analysis and remote sensing in strengthening food security and climate resilience. The session underscored the importance of farmer-friendly, real-time soil testing solutions for sustainable and informed agricultural practices.



## » TiE Hyderabad – HEEC MoU Signing & Ecosystem Engagement

RICH participated in an ecosystem engagement organised by TiE Hyderabad on 31 October 2025, marking the signing of the Hyderabad Entrepreneurial Ecosystem Collective (HEEC) MoU. The engagement brought together startups, investors, academia, industry bodies, and government stakeholders to strengthen collaborative frameworks for entrepreneurship in Telangana. RICH was represented by Ravi Kiran G, Srinivas Cherla, Naga Babu, and Maneesha Nangunoori.



## » Food A'Fair 2025 – Panel Discussion | Food & Agriculture

RICH participated in Food A'Fair 2025, organised by Blitz Exhibitions and HITEK in collaboration with TGFPS, Telangana Chefs Association, and ICC, held from 14–16 November 2025. Ravi Kiran G, Director – Food & Agriculture, represented RICH as a panel member and contributed to discussions on trends, opportunities, and innovation within South India's food and beverage retail and modern trade ecosystem.



## » Earth Summit 2025–26 | Rural Transformation & Climate Action

RICH participated in Earth Summit 2025–26, organised by IMAI and NABARD on 20 November 2025, a platform focused on rural transformation and climate action. Represented by Rashmi Pimpale, CEO, Ravi Kiran G, Director – Food & Agriculture, and Maneesha Nangunoori, Project Manager – Food & Agriculture, RICH engaged in discussions on leveraging technology, finance, and Digital Public Infrastructure to enable inclusive and sustainable rural growth. The engagement reinforced RICH’s commitment to advancing innovation that reaches communities at the grassroots level.



## » FTCCI Seminar on Dairy Entrepreneurship | Food & Agriculture

RICH participated as an Associate Partner in the seminar on “Innovations & Opportunities in Dairy Entrepreneurship: From Farm to Market”, organised by FTCCI on 12 December 2025. Ravi Kiran G, Director – Food & Agriculture, moderated the session on Dairy Technology and Digital Transformation, while Maneesha Nangunoori, Project Manager – Food & Agriculture, represented RICH at the event. The engagement highlighted emerging opportunities in technology-led dairy value chains.



## » Telangana Rising Global Summit 2025 | Agriculture & Rural Transformation

RICH participated in the Telangana Rising Global Summit 2025, organised by the Government of Telangana on 13 December 2025 at Bharat Future City. Ravi Kiran G, Director – Food & Agriculture, was invited as a panel member for the session “Bridging RARE & CURE: Integrating Rural Telangana to Urban Opportunities”, under the theme Agriculture & Rural Transformation (Farmers Rising). The session focused on strengthening rural–urban linkages and enabling inclusive growth through agriculture-led development.



## » Turmeric Value Chain Summit 2025 | Food & Agriculture

RICH participated in the Turmeric Value Chain Summit 2025, organised by the National Turmeric Board and CII Telangana on 17 December 2025. Maneesha Nangunoori, Project Manager – Food & Agriculture, represented RICH and engaged in discussions on strengthening the turmeric value chain through advanced production technologies, crop and soil management, processing and value addition, quality standards, and innovation-led business models. The summit highlighted the importance of policy and industry linkages in enabling farmer-centric growth.



## » National Agritech Hackathon | Food & Agriculture

RICH supported the National Agritech Hackathon, organised by RVR & JCCE STP Foundation and DST, held on 22–23 December 2025, as an ecosystem partner. Maneesha Nangunoori, Project Manager – Food & Agriculture, represented RICH as a panelist and jury member, highlighting support mechanisms for early-stage agritech startups and opportunities for student-led innovation. The engagement emphasised the need for adoptable, affordable, and accessible solutions to address on-ground challenges in agriculture.



## » CSR & Sustainability Conclave 2025 | Innovation Clusters & Inclusive Growth

RICH participated in the CSR & Sustainability Conclave 2025, organised by BCKIC, held on 21–22 November 2025. Aravind Kumar, Senior Project Manager – Life Sciences, represented RICH as a panelist in the session on “Innovation Clusters & Incubators: Building Regional Engines of Inclusive Growth.” The discussion highlighted the role of research excellence, incubation support, and S&T clusters in enabling deep-tech and biotech startups, strengthening industry–academia collaboration, and driving inclusive, region-specific innovation. Maneesha Nangunoori, Project Manager – Food & Agriculture, also represented RICH at the conclave.



## » IKMC 2025 – One Health Roundtable | Life Sciences

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RICH participated in IKMC 2025, organised by IKP Knowledge Park, on 27 October 2025. Aravind Kumar, Senior Project Manager – Life Sciences, represented RICH as a participant in the One Health Collaborative Roundtable, which brought together experts from across the ecosystem. The discussion highlighted collaborative efforts under the One Health framework, and RICH shared insights on national initiatives and its role in advancing One Health through research, innovation, and ecosystem building.



## » International Conference on Green Hydrogen 2025 | Sustainability

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RICH participated in the International Conference on Green Hydrogen 2025, organised by MNRE and the Office of the Principal Scientific Adviser, held on 11–12 November 2025. Srinivas Cherla, Director – Sustainability, represented RICH and engaged in discussions on green hydrogen initiatives and policy frameworks. The participation enabled collaboration-building with Bureau of Energy Efficiency (BEE) and MNRE to advance sustainability and clean energy initiatives.

## » MoU with ICRISAT

ICRISAT and RICH signed a Memorandum of Understanding to advance India's agri-innovation ecosystem through joint research, capacity-building initiatives, and the delivery of science-based solutions for farmers.

The MoU was formalised by Dr. Himanshu Pathak, Director General, ICRISAT, and Ms. Rashmi Pimpale, CEO, RICH, in the presence of senior leadership from both organisations.



## » MoU with Norway India Chamber of Commerce & Industry (NICCI)

RICH and the Norway India Chamber of Commerce & Industry (NICCI) formalised an MoU during the First International Science & Technology Clusters Conference at the Dr. Ambedkar International Center in New Delhi on 5 December. The MoU focuses on advancing Indo-Norwegian collaboration in clean energy, industrial decarbonization, and sustainability, including joint investment opportunities and cross-border innovation partnerships.



## » MoU with Grŵp Colegau NPTC Group of Colleges

During the same conference, RICH signed an MoU with Grŵp Colegau NPTC Group of Colleges (Wales). The partnership aims to advance collaboration in electric vehicle (EV) skilling and applied research, including the establishment of a Centre of Excellence in EV skilling, knowledge exchange programmes, and workforce training module development.



## » MoU with IIHMR Startups (RICH Partnership)

IIHMR Startups announced a partnership with RICH intended to strengthen support systems for founders working in healthcare and life sciences. The collaboration opens avenues for founders to access advanced research networks, specialised mentorship, technology validation, pilot opportunities, market linkages, and industry-investor connections, aligned with shared goals of supporting early-stage innovators.







## Research and Innovation Circle of Hyderabad

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