



MONASH University



भारतीय सांकेतिक विज्ञान संस्थान हैदराबाद  
भारतीय प्रौद्योगिकी संस्थान हैदराबाद  
Indian Institute of Technology Hyderabad



immi




# AUSTRALIA-INDIA CRITICAL MINERALS RESEARCH HUB (AICMRH)

A Australia-India Consortium




# AICMRH – Second Australia-India CM Symposium cum Workshop

che.iith.ac.in/aicmrh-2025 Australia-India Critical Minerals Research Hub Symposium and Workshop



**REPORT ON  
TWO-DAY CRITICAL MINERALS  
SYMPOSIUM AND WORKSHOP**



January 3-4, 2025 | IIT Hyderabad

**KEY CONTACTS**

<b>Professor B S Murty</b> Director Indian Institute of Technology Hyderabad Email: bsm@iith.ac.in; director@iith.ac.in Phone: +91-40-2301 6002; +91-83310 36001	<b>Professor Mohan Yellishetty</b> Monash University Co-founder, Critical Minerals Consortium Co-Founder, Australia-India Critical Minerals Research Hub Email: Mohan.Yellishetty@monash.edu
<b>Professor Narasimha Mangadoddy</b> Professor of Chemical Engineering Indian Institute of Technology Hyderabad Tel: +91 (0) 40 2301 6207 Email: narasimha@che.iith.ac.in	<b>Dr Ashok Kamaraj</b> Materials Science and Metallurgical Engineering Indian Institute of Technology Hyderabad Phone: 040 23016568; +91 97905 04570 Email: ashokk@msme.iith.ac.in



Date: 2-4 January, 2025  
Venue: IIT Hyderabad

<https://che.iith.ac.in/aicmrh-2025/AICMRH2025Report.pdf>



# Second Australia-India CM Symposium Recommendations



[The Hon. Batti Vikramarka Mallu Garu MLA](#)  
Dy Chief Minister of Telangana



Hon. [Revanth Reddy Garu](#)  
Chief Minister of Telangana

# Second Australia-India CM Symposium Recommendations



[H.E. Mr Philip Green AO](#)  
Australian High Commissioner to India



H.E. Sh [Gopal Baglay](#)  
High Commissioner of India to Australia  
Amb. Dr Sushil Kumar,  
Consul General of India, Melbourne



# Second Australia-India CM Symposium Recommendations



[Prof Abhay Karandikar](#)

Secretary

Department of Science of Technology

## Key Recommendations:

- Establishing a joint **Centre of Excellence (CoE)**, modeled after our CRCs
- Creating a **joint corpus fund** that is exclusive to Australia-India and picking winners for collaboration, such as EVs, Batteries, Electrification, Semiconductor, Defense and strategic applications



[Mr V L Kanta Rao](#)

Secretary Mines

Government of India



# Presentation of AICMRH to the Hon'ble Kishan Reddy Gangapuram Union Minister for Mines and Coal, Government of India

Date: Friday, 12 July 2024

Venue: Hyderabad, India



[https://www.linkedin.com/posts/mohan-y-9261512b\\_criticalminerals-india-mining-activity-7217704464864985088-Pw3t?utm\\_source=share&utm\\_medium=member\\_desktop](https://www.linkedin.com/posts/mohan-y-9261512b_criticalminerals-india-mining-activity-7217704464864985088-Pw3t?utm_source=share&utm_medium=member_desktop)



## Signing of MoU in presence of

**Hon'ble Dharmendra Pradhan, Minister of Education and the Hon. Jason Clare MP, Minister for Education, Australia**

**Shri K Sanjay Murthy, Secretary Higher Education and the H.E. Philip Green OAM, Australian High Commissioner to India**



**Prof Susan Elliott AM, Vice Chancellor, Monash University  
and  
Prof B S Murty, Director, IIT Hyderabad**

**Date: 6<sup>th</sup> November, 2023  
Venue: IIT Gandhinagar**



# Presentation of AICMRH to

The Hon. [Dr Andrew Charlton](#) MP  
Chair, Australia-India Parliamentary Network



The Hon. [Cassandra Fernando](#) MP  
Member for Holt, House of Representatives



Date: Thursday, 16 November 2023  
Venue: Parliament House, Canberra ACT



Presentation of 1<sup>st</sup> India-Australia joint workshop report and recommendations on  
“Critical Minerals Research for Sustainable Transition to Green Energy”  
to **Sh. Pralhad Joshi**, Hon’ble Minister for Mines  
in the presence of Prof Subhasis Chaudhuri, Director, IIT Bombay

**29th MAY, 2023**

**IIT BOMBAY, Mumbai**



# CM Centres of Excellence



**75 Azadi Ka Amrit Mahotsav** **G20**

**INDIA-AUSTRALIA JOINT WORKSHOP ON CRITICAL MINERALS RESEARCH FOR SUSTAINABLE TRANSITION TO GREEN ENERGY**

AICMRH

*Critical Minerals - Driving the new Future*

Organized by  
Department of Earth Sciences  
IIT Bombay  
(3-4 March 2023)

Monash University

**Conveners**  
Prof. Sakthi Saravanan Chinnasamy  
Department of Earth Sciences  
Prof. Harish Chandra Phuleria  
Environmental Science and Engineering

## Key recommendations to the Government of India, including:

- "Critical Minerals National Taskforce"
- CM centers of excellence
- bilateral PhD scholarships I-A, and
- "Indo-Pacific Critical Minerals Supply Chains for Green Energy Transition Symposium"



## CRITICAL MINERALS FOR INDIA



Report of the Committee on Identification of Critical Minerals

Ministry of Mines  
June 2023



# Presentation of AICMRH to: Senator the Hon Penny Wong, Minister for Foreign Affairs and the Hon Tim Watts MP, Assistant Minister for Foreign Affairs



Date: Wednesday, 12 April 2023

Venue: Melbourne Commonwealth Parliamentary Offices, Melbourne

[https://www.linkedin.com/posts/tim-watts-0aabb04\\_the-indian-australian-diaspora-is-the-key-activity-7052070270332768256-CG0a?utm\\_source=share&utm\\_medium=member\\_desktop](https://www.linkedin.com/posts/tim-watts-0aabb04_the-indian-australian-diaspora-is-the-key-activity-7052070270332768256-CG0a?utm_source=share&utm_medium=member_desktop)  
<https://instagram.com/stories/senatorpennywong/3079163040201710399?igshid=YmMyMTA2M2Y=>



# India-Australia Joint Workshop on Critical Minerals Research for Sustainable Transition to Green Energy March 3-4, 2023, IIT Bombay



## Presentation of AICMRH to the Hon'ble Kevin Hogan Shadow Federal Minister for Trade & Tourism, Australia



Date: Tuesday, 13 December 2022

Venue: Candela Nuevo, Melbourne

<https://www.linkedin.com/feed/update/urn:li:activity:7008602511255228416/>



**Presentation of AICMRH to the Hon'ble Dharmendra Pradhan**  
Minister for Education and Skill Development, Government of India  
**H. E. Manpreet Vohra, High Commissioner of India to Australia.**



Date: Wednesday, 24 August 2022

Venue: University of Melbourne  
Australia

Date: Monday, September 5, 2022

Venue: Minister's Office, New Delhi.

<https://www.linkedin.com/feed/update/urn:li:activity:6968067570876772352/>



# Presentation of AICMRH to the Hon'ble Pralhad Joshi Minister for Parliamentary Affairs, Coal & Mines, Govt of India, India



Date: Thursday, July 7, 2022

Venue: Four Seasons Hotel, Sydney.

Date: Monday, September 6, 2022

Venue: Minister's Office, New Delhi.

[https://www.linkedin.com/posts/australia-india-chamber-of-commerce-aicc\\_india-supplychain-australia-activity-6951689885644648448-G37e/?utm\\_source=linkedin\\_share&utm\\_medium=member\\_desktop\\_web](https://www.linkedin.com/posts/australia-india-chamber-of-commerce-aicc_india-supplychain-australia-activity-6951689885644648448-G37e/?utm_source=linkedin_share&utm_medium=member_desktop_web)



# Presentation of AICMRH to the Hon'ble R K Singh Minister for Power, New and Renewable Industry, Government of India, India



Date: Thursday, 14 July 2022.

Location: MinterEllison, Melbourne

[https://www.linkedin.com/posts/australia-india-chamber-of-commerce-aicc\\_australia-india-university-activity-6954578677082845184-U6Sm/?utm\\_source=linkedin\\_share&utm\\_medium=member\\_desktop\\_web](https://www.linkedin.com/posts/australia-india-chamber-of-commerce-aicc_australia-india-university-activity-6954578677082845184-U6Sm/?utm_source=linkedin_share&utm_medium=member_desktop_web)



# Presentation of AICMRH to the Hon'ble Dan Tehan, Minister for Trade, Tourism and Investment Hon'ble Piyush Goyal, Minister for Commerce and Industry, India



Date: Wednesday, 6 April 2022

Venue: Melbourne Cricket Ground  
Melbourne



## Presentation of AICMRH to

Mr [K Sanjay Murthy](#), IAS, Secretary, Higher Education Government of India along with Mr Tim Thomas, CEO, Centre for Australia India Relations



Date: Friday, 25 August 2023

Venue: Shastri Bhawan, New Delhi

[Prof T G Sitharam](#), Chairman  
All India Council of Technical Education (AICTE)



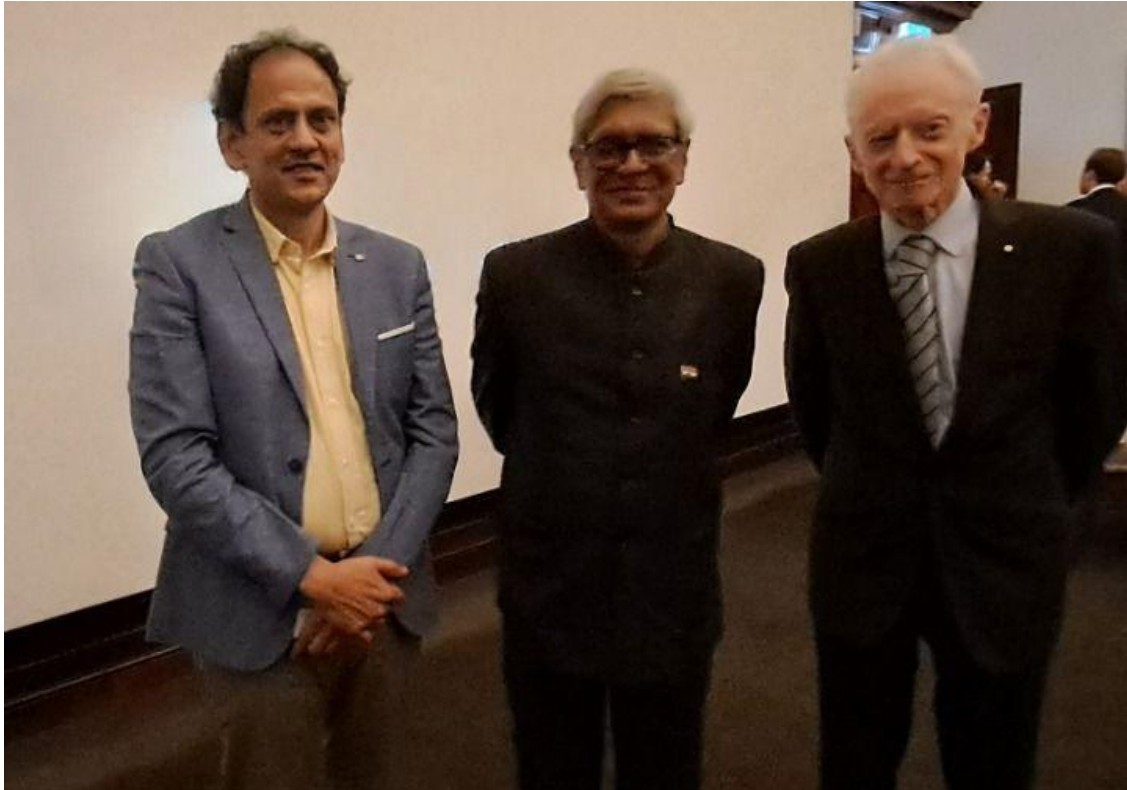
Date: Friday, 25 August 2023

Venue: Office of the Chairman, New Delhi



## Presentation of AICMRH to

Professor Bibek Debroy  
Chair, Economic Advisory Council to the Prime Minister  
Government of India



Date: Monday, 14 November 2022

Venue: Melbourne, Australia

<https://www.linkedin.com/feed/update/urn:li:activity:6998523153639501824/>

Dr Vijay K Saraswat  
Member, NITI Aayog, Government of India



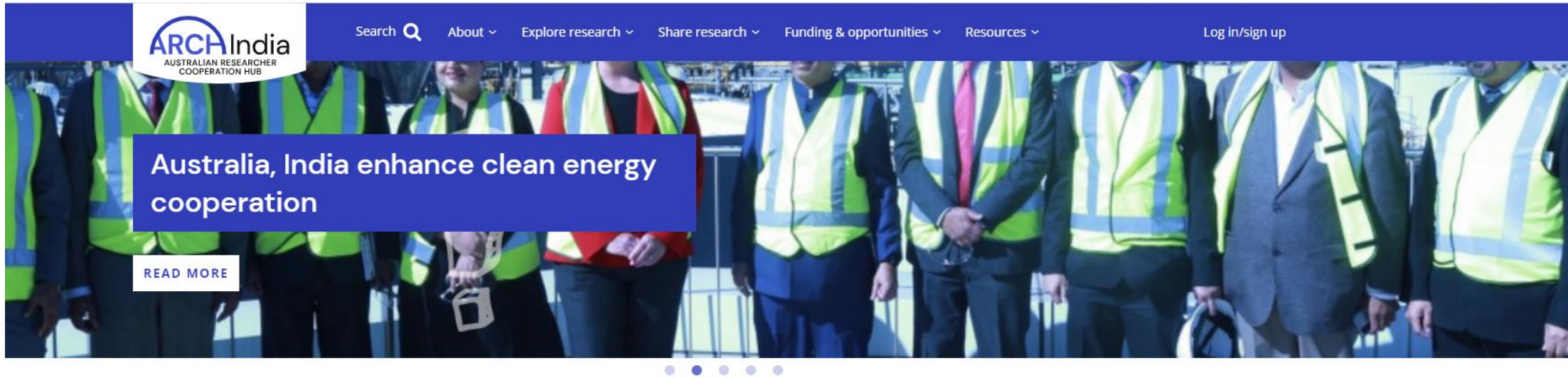
Date: Wednesday, 28 September 2022

Venue: NITI Bhavan, New Delhi

[https://www.linkedin.com/posts/mohan-yellishetty-9261512b\\_aibx-australia-india-activity-6980926225028452352-lj9r?utm\\_source=share&utm\\_medium=member\\_desktop](https://www.linkedin.com/posts/mohan-yellishetty-9261512b_aibx-australia-india-activity-6980926225028452352-lj9r?utm_source=share&utm_medium=member_desktop)

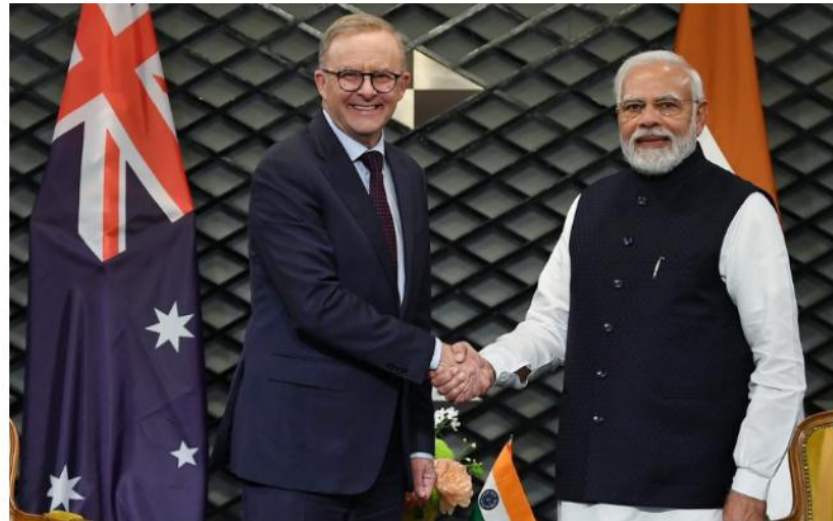


# Motivation 1



The Australian Researcher Cooperation Hub India (ARCH-India), established in 2021, supports researcher engagement between India and Australia. Its primary aim is to strengthen and increase bilateral research collaboration and showcase the research excellence of both countries.

[LEARN MORE](#)



<https://arch-india.org/>



# Motivation 2

## Supply Chain Workshop Series Critical Minerals

Report and Recommendation



MinterEllison

### Key Takeaways/Recommendations:

- Establishment of Critical Minerals International Alliance
- Establishment of the 'Australia-India Critical Minerals Research Hub' with Indo-Pacific participation
- Formation of National Industry Working Group (Critical Minerals)
- Critical Minerals Round Tables and Workshops



# Motivation 3

“**The Chinese Society of Rare Earths (CSRE)** founded in 1980:

“The CSRE is a **scientific and technological researchers’ organization** There are more than 100,000 registered experts in CSRE, which is the biggest **academic community on rare earth in the world**.

Besides serving for the government and researchers on the science and technology of rare earths, CSRE provide a stage for rare earth scientists to exchange their research ideas, propose scientific and technical plans on fundamental and applied fields on rare earths, as well as rare earth R&D plans for the industry. CSRE is, therefore, the most important social force in developing the rare earth science and technology in China. It organizes the International Conference on Rare Earth Development and Application once every four years, and Annual Meeting once every two years periodically. There are 15 subcommittees in CSRE, which cover almost every R&D field on rare earth.”

Source: [http://metalpedia.asianmetal.com/metal/rare\\_earth/organization.shtml](http://metalpedia.asianmetal.com/metal/rare_earth/organization.shtml)

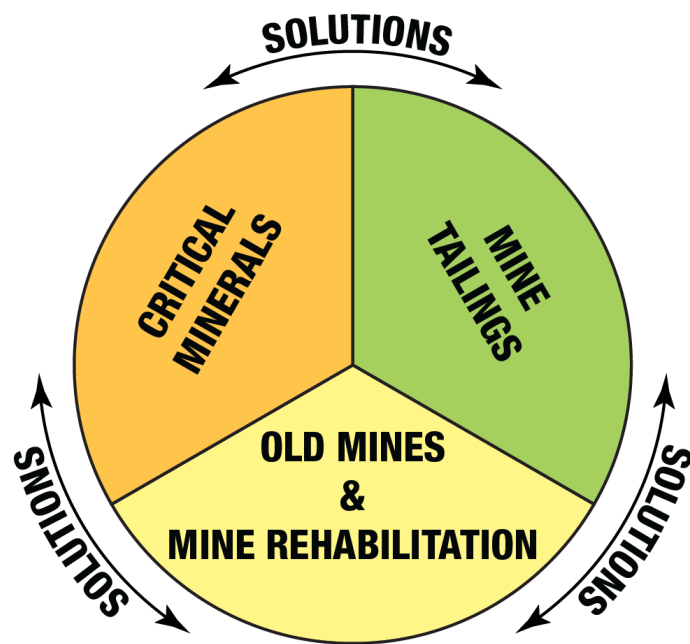
“When you think that **between 2015 and 2019**, China filed more than **11,000 patents in critical minerals extraction and processing**, five times more than the second largest filer, 10 times more than Australia” - [The Hon Dr Jim Chalmers MP](#)

<https://ministers.treasury.gov.au/ministers/jim-chalmers-2022/speeches/address-australian-critical-minerals-summit-sydney>





[Prof Mohan Yellishetty](#)  
Monash University



[Prof Budaraju Srinivasa Murty](#)  
IIT Hyderabad



[Prof Brajesh K Dubey](#)  
IIT Kharagpur



[Prof Sapna A. Narula](#)  
Nalanda University



[Professor David Whittle](#)  
Monash University



[A/Prof S S Chinnasamy](#)  
IIT Bombay



[Prof Y C Sharma](#)  
IIT (BHU) Varanasi



[A/Prof A K Verma](#)  
IIT Patna

## MINING

- How to get ore in a safe, stable & sustainable way
- How to get ore cheaper and purer
- Valorising the mineral wastes

## MATERIAL SCIENCE

- New alloys and materials for optimum performance
- Metal substitutes

## GEOCHEMISTRY

- Understanding mineralogic signatures
- Delineation of refractory and non-refractory mineral phases

## MODELING & MINERAL ECONOMICS

- Scenario models
- Forecast future material requirements
- Mineral criticality

## GEOLOGY

- Reserves estimates
- Providing better understanding of grades and gangue minerals

## EXTRACTIVE METALLURGY

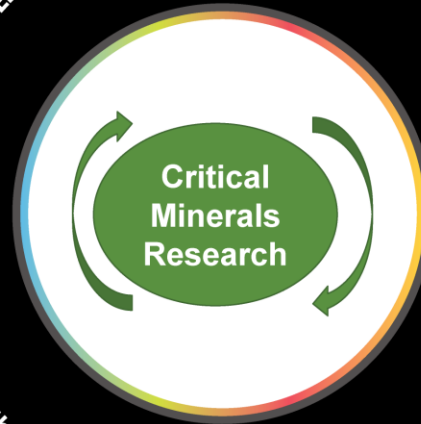
- Recovery of critical metals from wastes and tailings
- Value adding and coproduct recovery

## POLICY / GOVERNANCE

- Environmental, Social and Governance Standards
- Securing supplies
- Prices, Taxation and royalties
- How and where to secure from

## ADVANCED MANUFACTURING

- Value-addition Analysis innovation
- Substitutions, metal alloys and performance



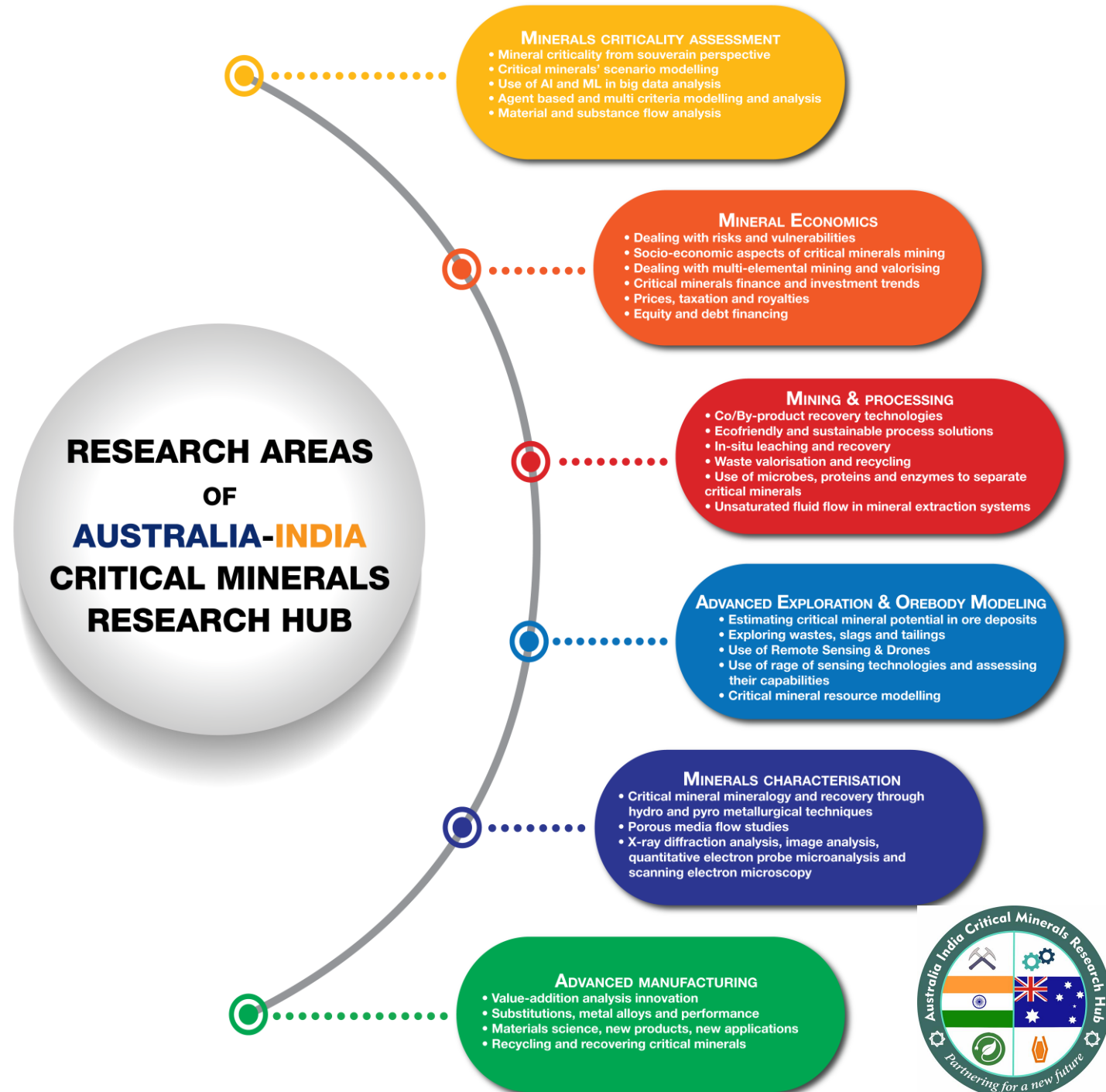
# Vision, Mission and Scope

## Vision

Empowering mineral security for the acceleration of a low carbon economy.

## Mission

- Establish research partnerships with leading entities within our quad network focused on addressing mineral security.
- Establish a future talent development program on resources trinity to enable the renewable energy transition.
- Progress advocacy and thought leadership initiatives to elevate our partnerships and research recognitions.



# The Team Australia (1/2)



[Dr Ignacio Gonzalez-Alvarez](#)  
CSIRO Mineral Resources



[Prof Suresh Bhargava](#)  
RMIT University



[Prof Katy Evans](#) (tbc)  
Curtin University



[Prof Michael Goodsite](#)  
University of Adelaide



[A/Prof Gavin Mudd](#) (tbc)  
RMIT University



[Prof Joel Brugger](#)  
Monash University



[Prof Nigel Cook](#)  
University Adelaide



[A/Prof Anita Parbhakar-Fox](#)  
Queensland University



[Dr Mahdokht Shaibani](#)  
RMIT University



[A/Prof Vanessa Wong](#) (tbc)  
Monash University



[Dr Stuart Walsh](#)  
Monash University



[Dr Tim Werner](#)  
University of Melbourne



[A/Prof Carl Spandler](#)  
University of Adelaide



[Dr Richmond Asamoah](#)  
Uni South Australia



[Dr Nawshad Haque](#)  
CSIRO Energy



[Dr Rahul Ram](#)  
Monash University



[Dr Bhuvana Shanbhag](#)  
La Trobe University



[A/Professor Craig Priest](#)  
Uni South Australia



[A/Prof Vinod Mishra](#)  
Monash University



[A/Prof Shivakumar Karekal](#)  
University of Wollongong



[Dr Simit Raval](#)  
UNSW



[Dr Sunil Aryal](#)  
Deakin University



[Dr Andrés Muñoz-Acosta](#)  
University of Melbourne

# The Team Australia (2/2)



[Prof Edward Buckingham](#)  
Monash University



[Prof Sankar Bhattacharya](#)  
Monash University



[A/Prof Steven Micklethwaite](#)  
University of Queensland



[Prof Jacques Eksteen](#) (tbc)  
Curtin University



[Dr Mark Pownceby](#)  
CSIRO Mineral Resources



[A/Prof Will P Gates](#)  
Deakin University



[Prof Andrew Tomkins](#)  
Monash University



[Prof M A Rhamdhani](#)  
Swinburne University



[Dr Harpreet Singh Kandra](#)  
Federation University



[Prof Prashant Sonar](#)  
Queensland University  
of Technology



[Dr Cristina Pozo-Gonzalo](#)  
Deakin University



[Dr Saman Ilankoon](#)  
Monash Malaysia



[Prof Travis Beddoe](#)  
LaTrobe University



[Dr Girish Choppala](#)  
The University of Newcastle



[Dr Mahesh Potdar](#)  
Monash University



[Prof Brajesh Singh](#)  
West Sydney University



[Dr Manoj Khandelwal](#)  
Federation University



[Dr Rohitash Chandra](#)  
UNSW



[A/Prof Mukesh Garg](#)  
Monash University



[A/Prof Ayon Chakraborty](#)  
Federation University



[Prof Raman Singh](#)  
Monash University

# The Team India (1/2)



[Dr Bhagyadhar Bhoi](#)  
CSIR-IMMT Bhubaneswar



[A/Prof Harish Phuleria](#)  
IIT Bombay



[A/Prof Ajay Kumar Shukla](#)  
IIT Madras



[Prof R Munukutla](#)  
IIT Bombay



[Prof K S Rajan](#)  
IIIT Hyderabad



[Prof Prasenjit Mondal](#)  
IIT Roorkee



[Dr P K Banerjee](#)  
CSIR-CIMFR



[Dr Kali Sanjay](#)  
CSIR-IMMT Bhubaneswar



[Prof N Mangadoddy](#)  
IIT Hyderabad



[Prof Ajay Kalamdhad](#)  
IIT Guwahati



[Prof Aruna Tiwari](#)  
IIT Indore



[A/Prof Neelima Satyam](#)  
IIT Indore



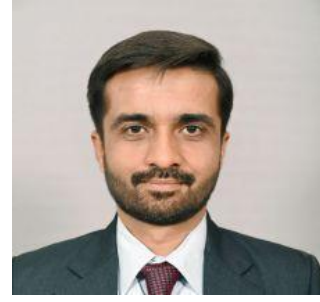
[A/Prof Sheeja Jagadevan](#)  
IIT (ISM) Dhanbad



[A/Prof Deep Mukherjee](#)  
IIT Kanpur



[Dr Abhilash](#)  
CSIR-NML, Jamshedpur



[Prof Jayesh Ruparelia](#)  
Nirma University



[Dr Ramesh Nayaka](#)  
IIT Dharwad



[Mr Pravas R Behera](#)  
CSIR-IMMT  
Bhubaneswar



[Dr Tushar Gupta](#)  
NIT Rourkela



[Dr Chandra Sekhar Tiwari](#)  
IIT Kharagpur



[Dr Nikhil Dhawan](#)  
IIT Roorkee



[Prof Ulhas G Sawaiker](#)  
Goa College of Engineering



[Dr Vipin Kumar](#)  
IIT (ISM) Dhanbad



[Dr Avi Dutt](#)  
IIM Ahmedabad

# The Team India (2/2)



[Dr Ashok Kamaraj](#)  
IIT Hyderabad



[Prof K Ram Chandar](#)  
NIT Surathkal



[Dr Radhika Krishnan](#)  
IIIT Hyderabad



[Prof Upendra D. Patel](#)  
Maharaja Sayajirao University  
Baroda



[Mr Abdul Rauf Sheik](#)  
CSIR-IMMT  
Bhubaneswar



[Prof Biswajit Paul](#)  
IIT (ISM) Dhanbad



[Dr Vinod Kumar](#)  
IIT Indoor



[Dr Biplob Bhattacharya](#)  
IIT Roorkee



[Dr Priyanka Rajput](#)  
CSIR-IMMT Bhubaneswar



[Dr Amritendu Roy](#)  
IIT Bhubaneswar



[Ms Barsha Marandi](#)  
CSIR-IMMT  
Bhubaneswar



[Prof Himanshu B Sahu](#)  
NIT Rourkela



[Dr Amit Kumar Gorai](#)  
NIT Rourkela



[Dr Muneer Magray](#)  
Nalanda University



[Dr Shashi Biliangadi](#)  
TREE Green Solutions



[Dr Suvamay Jana](#)  
IIT Dharwad



[A/Prof Pallavi Bhange](#)  
Sanjay Ghodawat University



[Dr Suraj K. Tripathy](#)  
KIIT Bhubaneswar



[A/Prof Anand D Sawant](#)  
Sanjay Ghodawat University



[A/Prof Anil Kumar Mishra](#)  
IIT Guwahati



[Dr Kavita Vemuri](#)  
IIIT Hyderabad



[Dr Prabhat Kumar](#)  
Indian Agricultural Research  
Institute

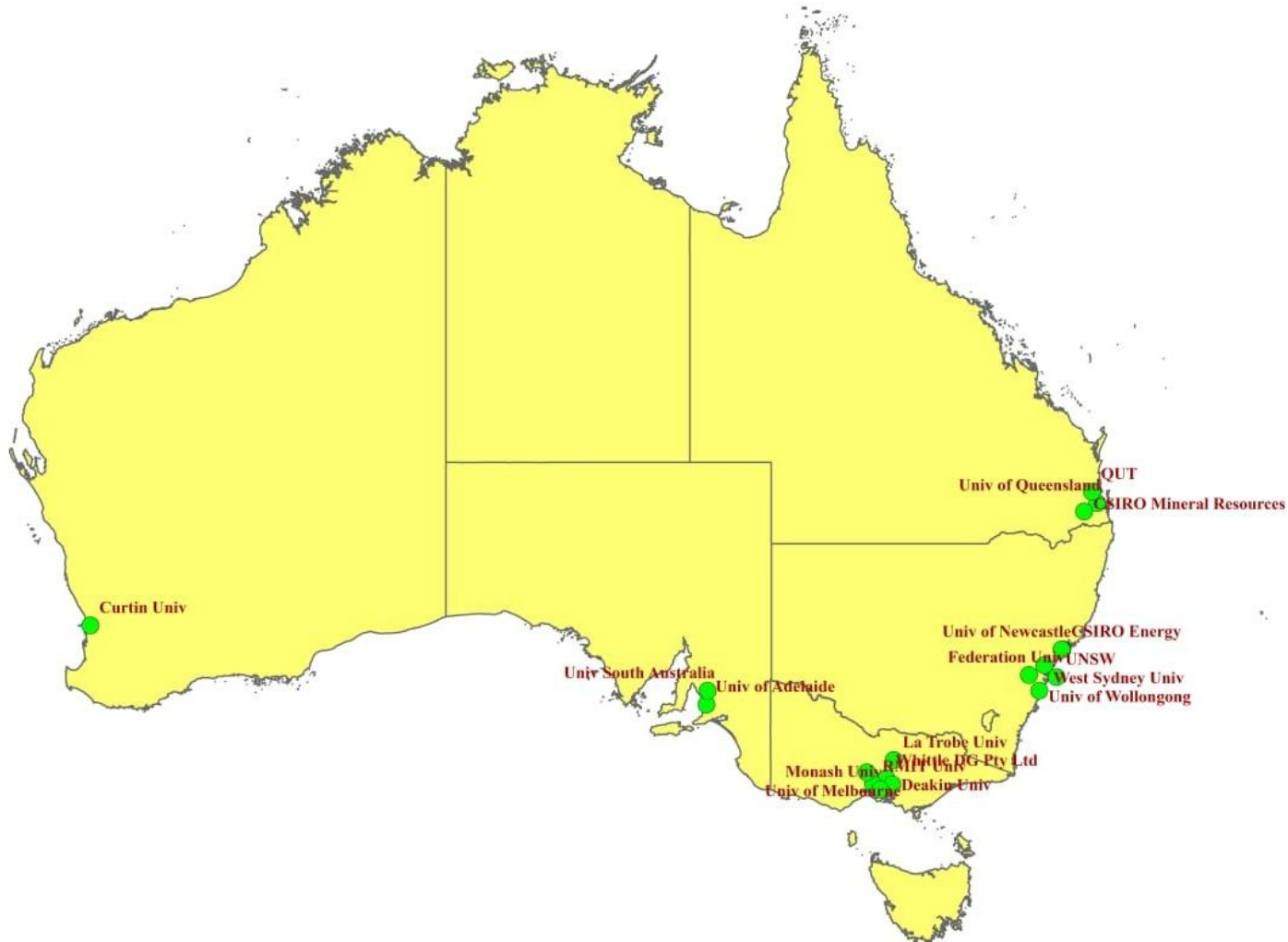


[Dr Anand Kumar](#)  
Nalanda University

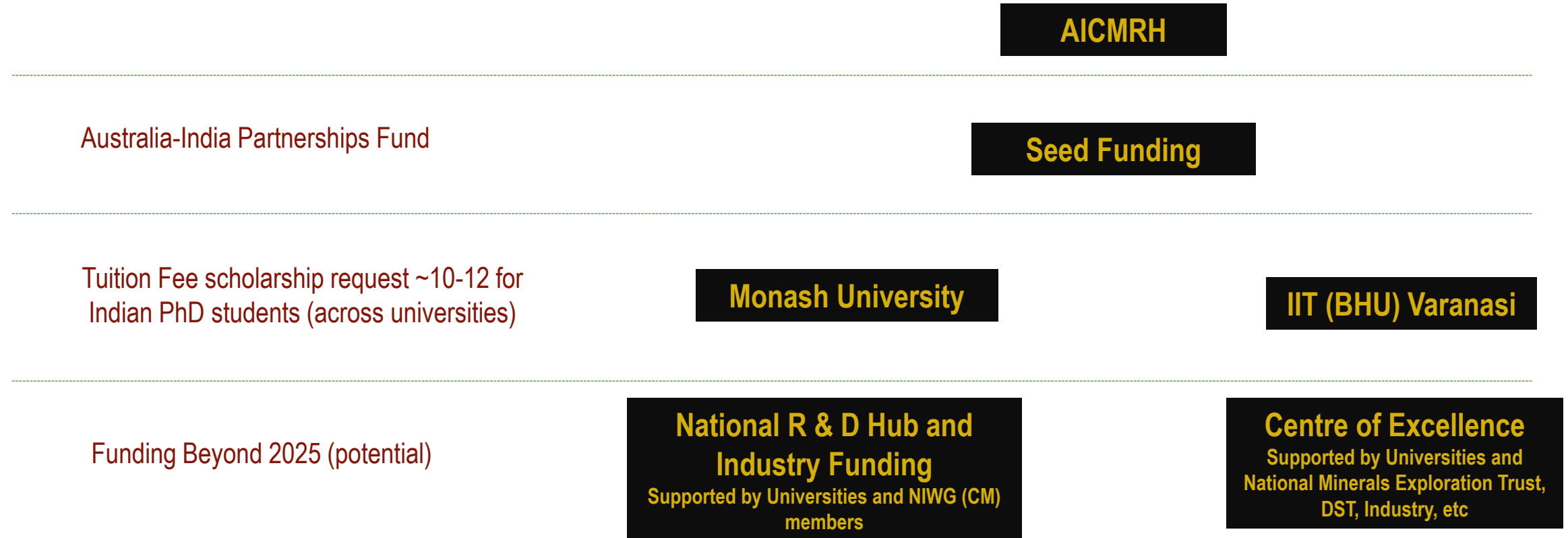


[Dr M V Ravibabu](#)  
NIRD&PR, Hyderabad

# Geographical Spread of the Participating Institutes



# Funding and Sustainability Plan



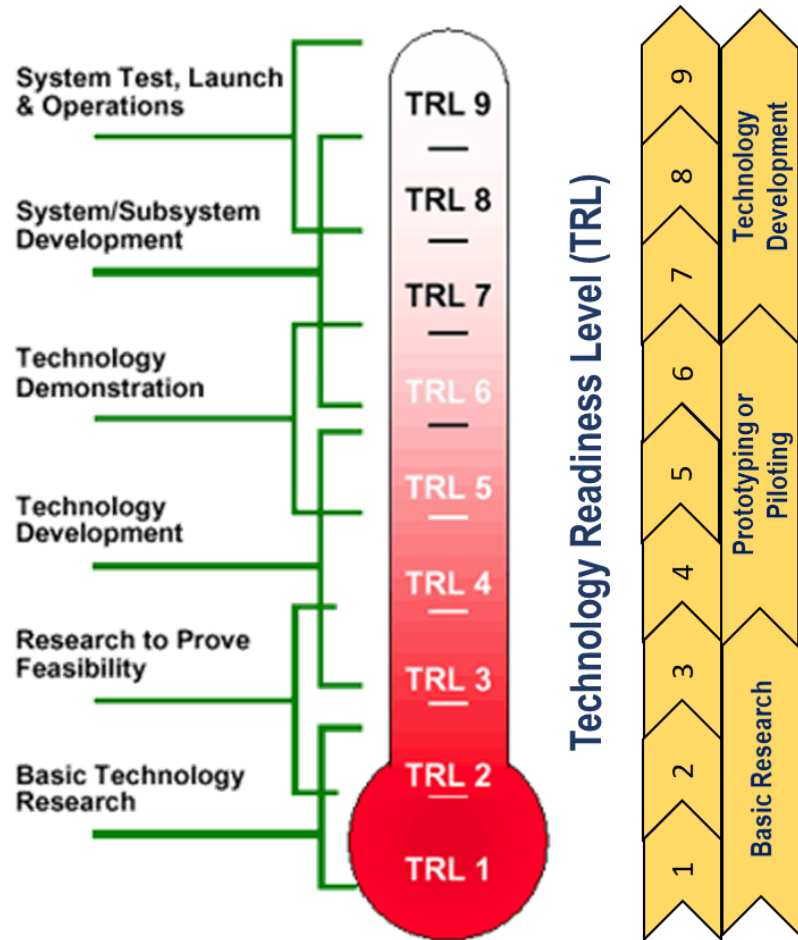
## Potential Industry Partners

Rio Tinto, Hindalco Industries, Tata Steel, Vedanta, Cobalt Blue Holdings, Fomento Resources, V M Salgaokar, Australian Vanadium Limited, Critical Minerals Group Ltd, Group 6 Metals Limited, Tablelands Mining Group, Australian Strategic Materials

Hutti Gold Mines, Coal India Limited, NTPC Limited, NMDC, Hindustan Copper, NLC India Limited, Gujrat Mineral Development Corporation, Odisha Mining Corporation, Singareni Collieries Company Limited

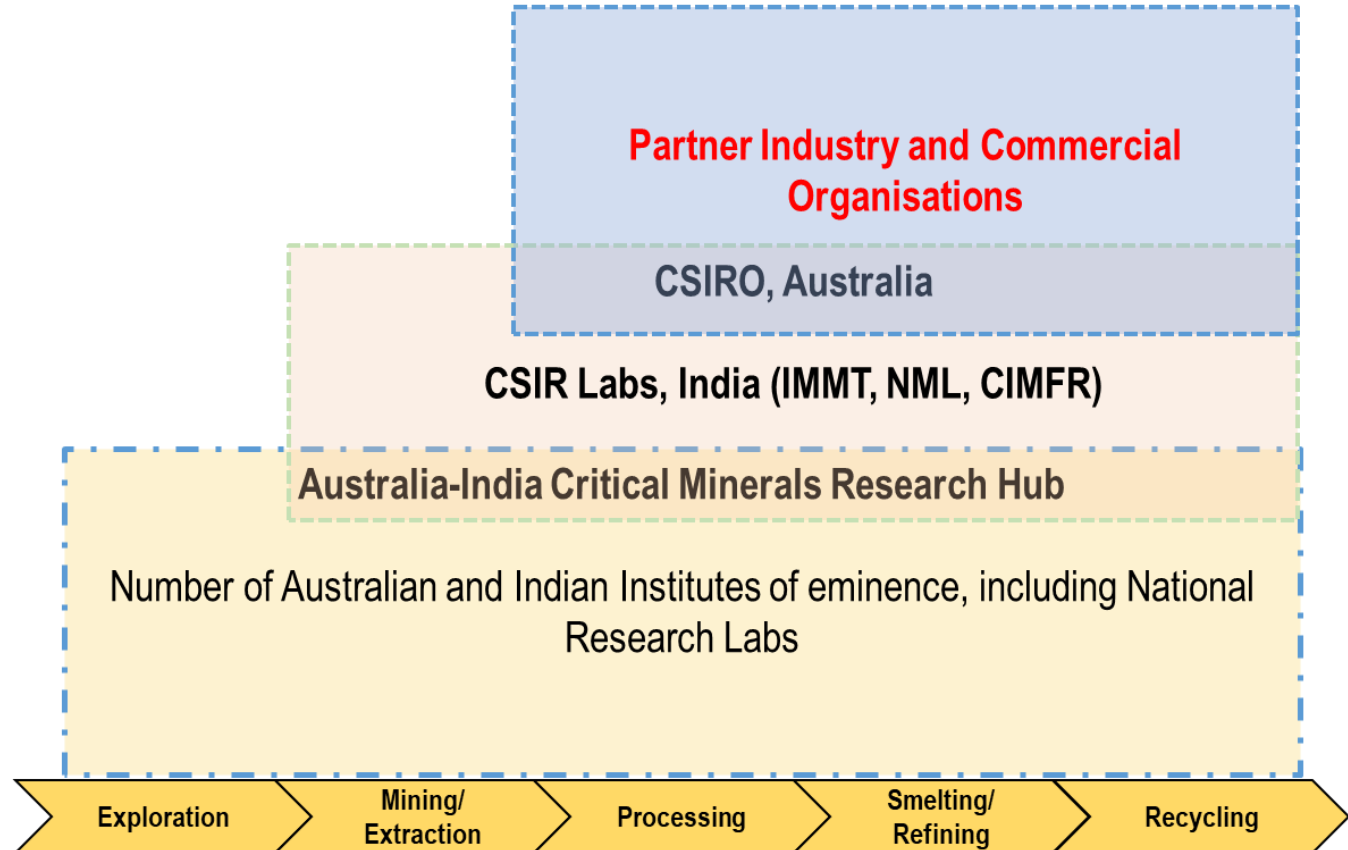


# Concept to Technology Roadmap



Source: [NASA TRL Meter.png](#)

Source: [NASA TRL Meter.png](#)



News / Education

### IIT Hyderabad and Monash University Join Forces to Establish Australia-India Critical Minerals Research Hub

IIT Hyderabad and Monash University collaborate to create the Australia-India Critical Minerals Research Hub, endorsed by India's Ministry of Education. This initiative fosters sustainable resource management and international collaboration, aligned with educational goals and the G20 agenda.

Animesh Bhardwaj | Updated May 31, 2024, 18:55 IST



<https://www.timesnownews.com/education/iit-hyderabad-and-monash-university-join-forces-to-establish-australia-india-critical-minerals-research-hub-article-110598628>



Advertisement

Home » Business

## India-Australia Alliance: Critical Minerals Research Hub Approved

Business

DC Correspondent

2 June 2024 3:03 AM



<https://www.deccanchronicle.com/education/india-australia-alliance-critical-minerals-research-hub-approved-896862>



# IIT Hyderabad, Monash University jointly launch Australia-India critical minerals research hub

*The AICMRH will provide expertise on critical mineral extraction, processing, and sustainable mining practices.*

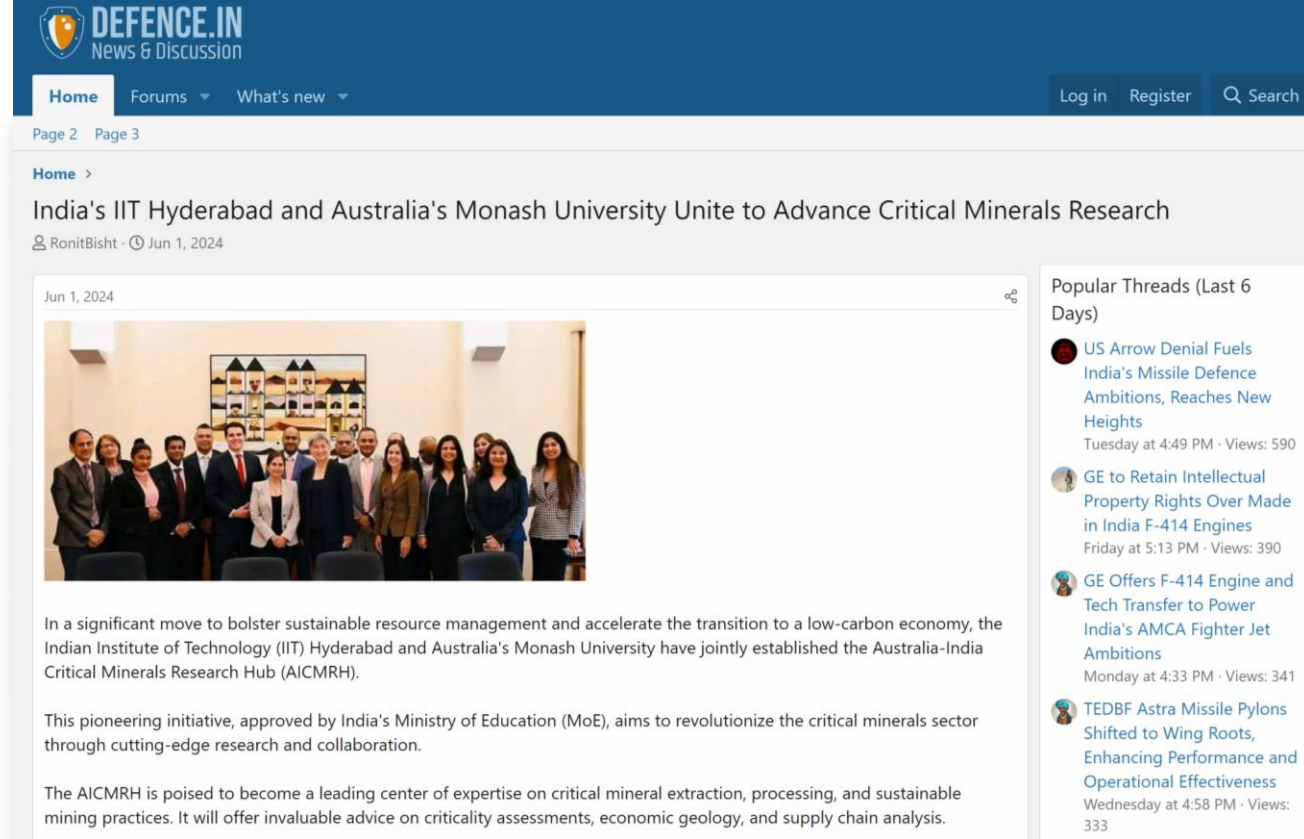


IIT Hyderabad (Image - Wikimedia Commons)

Yutukuri Sai Kiran | May 30, 2024 | 07:38 PM IST

NEW DELHI: Monash University and Indian Institute of Technology (IIT) Hyderabad have jointly established the Australia-India Critical Minerals Research Hub (AICMRH), approved by the ministry of education (MoE). This research hub accelerates a low-

<https://news.careers360.com/iit-hyderabad-monash-university-jointly-launch-australia-india-critical-minerals-research-hub>



**DEFENCE.IN**  
News & Discussion

Home Forums What's new Log in Register Search


Page 2 Page 3

Home >

## India's IIT Hyderabad and Australia's Monash University Unite to Advance Critical Minerals Research

Ronit Bisht · Jun 1, 2024

Jun 1, 2024



In a significant move to bolster sustainable resource management and accelerate the transition to a low-carbon economy, the Indian Institute of Technology (IIT) Hyderabad and Australia's Monash University have jointly established the Australia-India Critical Minerals Research Hub (AICMRH).

This pioneering initiative, approved by India's Ministry of Education (MoE), aims to revolutionize the critical minerals sector through cutting-edge research and collaboration.

The AICMRH is poised to become a leading center of expertise on critical mineral extraction, processing, and sustainable mining practices. It will offer invaluable advice on criticality assessments, economic geology, and supply chain analysis.

**Popular Threads (Last 6 Days)**

- US Arrow Denial Fuels India's Missile Defence Ambitions, Reaches New Heights  
Tuesday at 4:49 PM · Views: 590
- GE to Retain Intellectual Property Rights Over Made in India F-414 Engines  
Friday at 5:13 PM · Views: 390
- GE Offers F-414 Engine and Tech Transfer to Power India's AMCA Fighter Jet Ambitions  
Monday at 4:33 PM · Views: 341
- TEDBF Astra Missile Pylons Shifted to Wing Roots, Enhancing Performance and Operational Effectiveness  
Wednesday at 4:58 PM · Views: 333

<https://defence.in/threads/indias-iit-hyderabad-and-australias-monash-university-unite-to-advance-critical-minerals-research.7032/>

# Key Contacts

**Professor Mohan Yellishetty** PhD, FAusIMM CP (Min)

Co-Founder, [Critical Minerals Consortium](#), Monash University

Co-Founder, [Australia-India Critical Minerals Research Hub](#)

Honorary Academic Fellow, [Australia India Institute](#)

Co-Convener, [National Industry Working Group \(Critical Minerals\)](#),

Australia-India Chamber of Commerce (2021-23)

Department of Civil Engineering, Monash University, Australia

Phone: +61-3-9902 7143 (Australia)

eMail: [Mohan.Yellishetty@monash.edu](mailto:Mohan.Yellishetty@monash.edu)

<https://www.monash.edu/engineering/mohanyellishetty>

**Professor B S Murty**

Director, Indian Institute of Technology Hyderabad

Kandi, Sangareddy-502284

Email: [bsm@iith.ac.in](mailto:bsm@iith.ac.in); [director@iith.ac.in](mailto:director@iith.ac.in)

Phone: +91-40-2301 6002; +91-83310 36001

IIT Hyderabad: <https://www.iith.ac.in/>

**Assc Prof Sakthi Saravanan Chinnasamy PhD**

Associate Professor of Economic Geology

Department of Earth Sciences

Indian Institute of Technology Bombay

Powai, Mumbai-400076, India

Office: +91-22-2576-7262; Mobile: +91-7540878771

Email: [chinnasamys@iitb.ac.in](mailto:chinnasamys@iitb.ac.in)

