

DRIVING INNOVATION IN CATALYSIS

CATALYSIS GROUP

A research group in the Centre for Advanced Materials and Industrial Chemistry (CAMIC) at RMIT University committed to heterogeneous catalysis with industrial applications and computational materials design.

CURRENT PROJECTS

Our research projects include determining a rational design of new and improved catalysts based on fundamental mechanistic insights, production of clean and low carbon emission fuels, investigating endothermic hydrocarbon fuels for high speed flight vehicles, natural gas reforming to produce syn gas and hydrogen and additive manufacturing in catalysis reactor design and many more.

RESEARCH HIGHLIGHTS OF LAST 5 YEARS

01

47 Peer-reviewed journal articles

03

5 Higher Degree Research completions

02

4 Current Higher Degree Research students

04

\$2 million in funds

THE TEAM

- Distinguished Professor Suresh Bhargava
- Dr Selvakannan Periasamy
- Dr James Tardio
- Dr Jampaiah Deshetti
- Roxanne Hubesh (PhD)
- Ben McMahon (PhD)

COLLABORATORS

- CSIRO Australia
- UNSW and University of Melbourne
- SABIC Research and Technology
- Defendtex
- ICT Mumbai, India
- IICT Hyderabad, India
- University of Malaya

