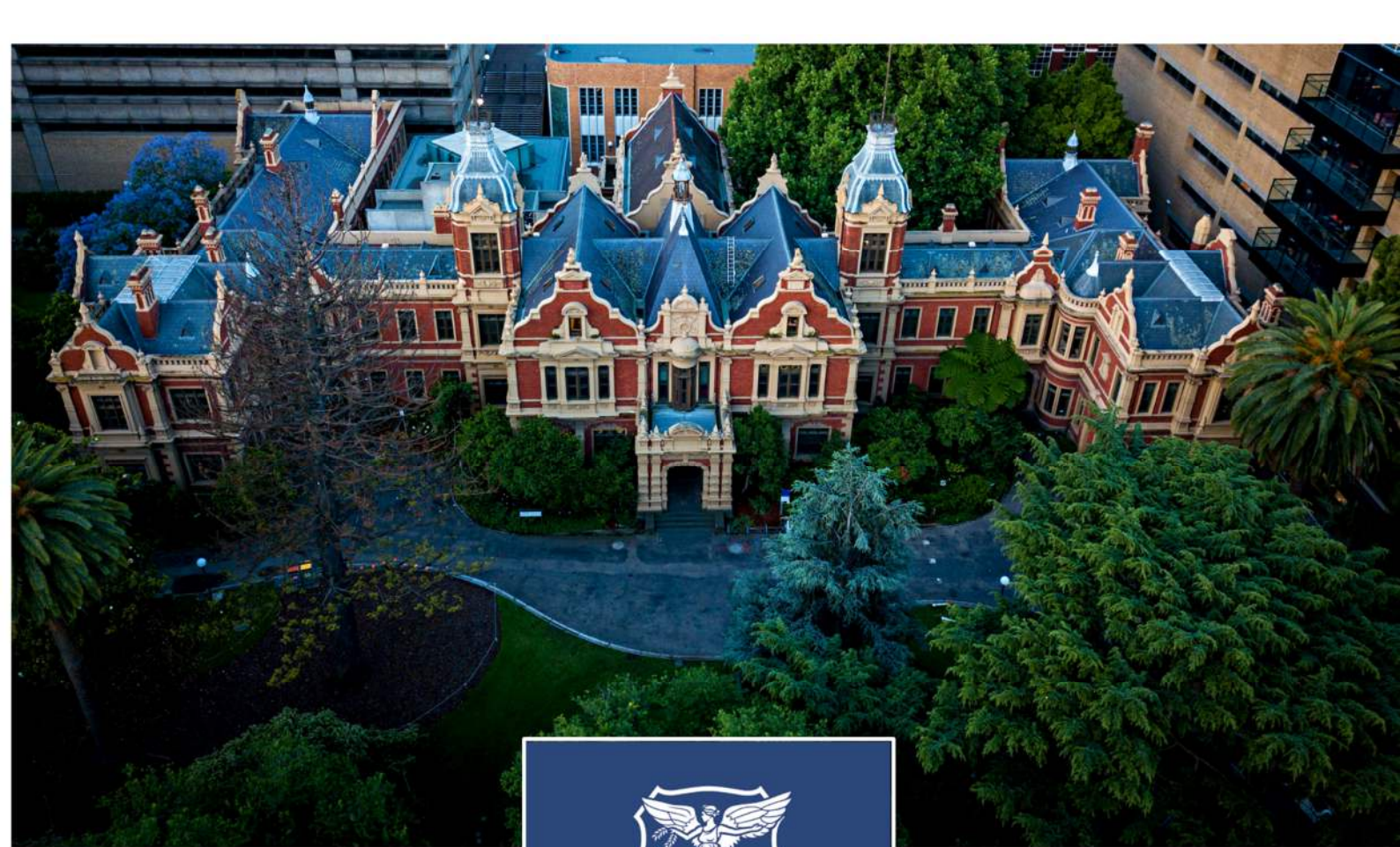




Melbourne India Postgraduate Academy (MIPA)





Message from the Director



It has been a true honour to serve as the Director of the Melbourne India Postgraduate Academy (MIPA). I feel deeply privileged to reflect on the extraordinary journey we've embarked on together—with our joint PhD candidates and the esteemed academics from both the University of Melbourne and our partner institutions in India.

MIPA stands as a shining example of the impact that meaningful collaboration can have. From the outset, our mission has never been about numbers; it has always centred on fostering exceptional research talent. MIPA offers graduate researchers a unique opportunity to access world-class expertise and facilities at two leading institutions, expand their professional networks, and engage in research that challenges traditional boundaries to address some of the world's most urgent issues.

It has been truly inspiring to witness the program's remarkable growth and accomplishments, even in the face of challenges such as the global pandemic. Our academic communities remained connected virtually, and today, our graduates are making valuable contributions across academia, industry, research, and government—not only in Australia and India, but around the world. The partnerships that MIPA has cultivated, the bright minds it has supported, and the impactful research we've undertaken together are creating a lasting difference.

As Director, I am deeply thankful for the unwavering support from leadership across the University of Melbourne and all our MIPA partner institutions. I would also like to express my sincere appreciation to my academic colleagues, whose dedication and collaboration have been instrumental to the program's success.

Looking ahead, I am excited about MIPA's future and the continued strength of our partnerships with Indian institutions. I am confident that we will keep pushing boundaries, pioneering solutions, and driving impactful change. Together, we can address the world's most complex challenges and contribute to a more sustainable and equitable future.

Associate Professor Jagannath Aryal

Director, Melbourne India Postgraduate Academy (MIPA)

Messages from Leadership at The University of Melbourne



International collaboration is a strategic priority for the University of Melbourne, and our partnerships with universities and research organisations around the world contribute enormously to the quality, output and impact of our research. The Melbourne India Postgraduate Academy (MIPA) is a wonderful example of collaboration and a demonstration of the power of working together for impact. Since its creation, the MIPA program has facilitated important ongoing international collaborations by engaging talented PhD candidates in a joint program with the University of Melbourne, and one of our five partners from India. Through this deep engagement, the program empowers our next generation of outstanding research talent to join international networks and gain experience in two cultures, while working on critical projects in the fields of science and technology. Participants have the benefit of a true global experience, contributing to their disciplines in a way that reflects the very best of collaborative practice. The biannual MIPA conference is an important element of the program and provides an opportunity to showcase the success of these partnerships and the many ways in which they advance research and teaching worldwide. PhD researchers are the key to a thriving University, and I am excited to see their contributions grow in the years to come.

Professor Emma Johnston | Vice-Chancellor, The University of Melbourne

Messages from Leadership at The University of Melbourne



The Faculty of Medicine, Dentistry and Health Sciences has strong ties with India through research, clinical training, teaching, and leadership programs. By collaborating on key global health challenges, we enhance our impact and benefit the health and wellbeing of our global community. We are delighted to now expand our work through the Melbourne India Postgraduate Academy program. We look forward to welcoming our first cohort of joint PhD candidates, to nurture their ideas and together with our MIPA partners prepare them to drive transformative outcomes in health research in their communities.

Professor Mike McGuckin | Acting Dean, Faculty of Medicine, Dentistry and Health Sciences



The Melbourne India Postgraduate Academy (MIPA) is a flagship joint PhD program which showcases the power of collaboration to drive impact across multiple dimensions. The program brings together PhD candidates from the University of Melbourne and one of our five elite partners in India. Through MIPA, recruited PhD researchers tackle critical engineering, science and technology challenges in a scalable manner – ranging from infrastructure resilience to climate change impacts utilising state-of the-art planetary data and analytical capabilities. MIPA empowers our next generation of outstanding research talents to scale up diverse institutional climate and cultural experiences, while working on co-designed projects that deepen our understanding of our earth system and processes. I am immensely proud that the MIPA initiative of the University of Melbourne is being led from the Faculty of Engineering and Information Technology by our MIPA Director, Associate Professor Jagannath Aryal. MIPA plays a vital role in strengthening international collaboration, advancing research and teaching, and fostering cultural intelligence.

Professor Ampalavanapillai Nirmalathas | Dean, Faculty of Engineering and Information Technology



The world is facing many great challenges, and many of these challenges require the expertise of scientists as part of the solution. From climate change, growing health needs, and the essential work to conserve ecosystems and biodiversity. Solving these challenges will require the commitment of the most talented PhD candidates and academics, regardless of where they reside. It is for this reason, partnerships with Indian institutions, including through MIPA, are a high priority for the Faculty of Science. As proven by history, such partnerships have been extraordinarily successful. It is also a great joy and honour to work with such talented Indian colleagues.

Professor Moira O'Bryan | Dean, Faculty of Science



The Australia-India relationship is a key international relationship for the University of Melbourne. MIPA serves as one of the key platforms to foster Transnational Research (TNR) partnerships between the University of Melbourne and lead research institutions in India. As the former Director of MIPP/MIPA and Deputy PVCI, I am proud to see the continuing role MIPA plays in internationalising high-quality research and research training by engaging future research leaders to find sustainable solutions to challenging problems benefiting the global community. I wish for the continuing success of MIPA as one of the flagship programs for University of Melbourne-Global TNR partnerships.

Professor Muthupandian Ashokkumar | Director, Melbourne Global Centre - Delhi

Messages from MIPA Partners



The need for internationalization of higher education and research to prepare our students for today's fast-transforming global landscape is more crucial than ever. Melbourne-India Postgraduate Academy facilitates this by fostering collaborations amongst researchers and joint PhD candidates from the University of Melbourne and a group of India's research universities. As a long-term partner institute of the University of Melbourne, IIT Kanpur greatly values our ongoing collaborative activities. I am confident the 5th Melbourne India Postgraduate Academy Conference (MIPAC-25) will provide an excellent platform for further strengthening the internationalization of high-quality education and research.

Professor Mahindra Agarwal | Director, Indian Institute of Technology Kanpur



The partnership between IIT Madras and the University of Melbourne through MIPA program will enable faculty from both the institutions to pursue world-class research and train joint PhD candidates to be future leaders in their fields.

Professor V Kamakoti | Director, Indian Institute of Technology Madras



It is with great admiration that I acknowledge the University of Melbourne's unwavering commitment to the internationalisation of high-quality education and research. In an era where global challenges transcend borders, from climate change to health inequities and digital transformation, the role of universities in fostering transnational knowledge ecosystems has become ever more vital. The Melbourne-India Postgraduate Academy stands as a shining example of how academic bridges can be built between continents to serve not just individual nations, but the collective aspirations of humanity. By creating a structured pathway for collaborative doctoral research between Australia and India, this initiative has not only advanced critical scientific inquiry but also nurtured a generation of globally minded scholars capable of addressing shared societal needs with empathy, excellence, and innovation. At IIT Kharagpur, we place a high premium on such global partnerships that transcend transactional engagement and lead to enduring academic and human capital development. We believe that the convergence of diverse perspectives, particularly through co-created research and joint mentorship, is foundational to the creation of knowledge that is inclusive, impactful, and globally relevant. The University of Melbourne's vision to serve the world, India included, through research-led education resonates strongly with us. Let this be a reaffirmation of our shared belief: that education and research, when internationalised with purpose and responsibility, can become the most powerful instruments of positive change.

Professor Suman Chakraborty | Director, Indian Institute of Technology Kharagpur



Indian Institute of Science (IISc) highly appreciates its long-standing collaboration with the University of Melbourne (UoM). Since the inception of our Joint PhD Program agreement in 2021, facilitated by MIPA, we now have five students from IISc engaged in the program, and we are delighted to share that our inaugural JDP student has recently completed her degree. We look forward to the active enrolment of UoM students in this program in the future and are optimistic that these emerging scholars will further our collaborative efforts.

Professor Govindan Rangarajan | Director, Indian Institute of Science Bangalore



IISER Tirupati cherishes its partnership with the University of Melbourne. The MIPA (Joint-PhD) program cultivates a scientifically enriching and culturally diverse environment that nurtures the academic growth of young researchers. As faculty and students from both institutions advance in their collaborative efforts, we believe their research will play a vital role in tackling global challenges. The ongoing synergy between IISER Tirupati and the University of Melbourne inspires us to pursue innovative solutions and elevate scientific knowledge across various fields.

Professor Santanu Bhattacharya | Director, Indian Institutes of Science Education and Research Tirupati

Message from the Faculty Leads



The Faculty of Science and our university highly value our many interactions with scientists and mathematicians in India. We have in common a shared passion for science and shared commitment to innovate through science to solve global challenges. Additionally, we benefit from the shared mentoring and scientific fostering of joint PhD candidates through the MIPA program. This is a highly valued program which will help to develop future scientific leaders for both countries, and it has been a pleasure to be involved in the initiative.

Professor Willa Huston

Faculty Lead, Faculty of Science



It has been an honour and a deeply fulfilling journey to serve as the Academic Lead for the Melbourne-India Postgraduate Academy (MIPA) on behalf of the Faculty of Medicine, Dentistry, and Health Sciences (FMDHS). MIPA provides a unique and valuable platform for University of Melbourne academics and researchers to collaborate with their Indian counterparts in the joint mentorship of exceptional PhD candidates. Since its inception, MIPA has emerged as a catalyst for transformative, cross-disciplinary research, uniting minds across borders to tackle some of the most pressing challenges facing our world today. It has fostered a rich exchange of ideas, knowledge, and innovation, while nurturing a truly global community of emerging scholars whose work is shaping the future of science, engineering, health, and society. We are thrilled that FMDHS has recently joined MIPA and recruited its first cohort of students. We are excited to be part of this remarkable program and eagerly anticipate its continued growth and success.

Associate Professor Debnath Ghosal

Faculty Lead, Faculty of Medicine, Dentistry and Health Sciences

Elevating Research Excellence: The MIPA Way

The Melbourne-India Postgraduate Academy is a pioneering initiative jointly established by The University of Melbourne and premier Indian research institutions, including the Indian Institutes of Technology Madras (IITM), Kanpur (IITK), Kharagpur (IITKGP), Indian Institutes of Science Education and Research (IISER), Tirupati, and the Indian Institute of Science Bangalore (IISC). Focused on nurturing research collaboration and academic excellence, MIPA serves as a beacon of international collaboration between Australia and India.



Signing of MIPA MoU with IIT Kharagpur in April 2018

MIPA provides a unique opportunity for joint PhD candidates enrolled in both programs. These candidates benefit from an enriching international joint-training experience within an elite research community. Key highlights include:

- Exposure to diverse cultural and research environments.
- Guidance and mentorship from field experts.
- Access to cutting-edge facilities and equipment at two esteemed institutions.
- Establishment of robust international networks, promoting research exchange and facilitating high-quality publications.

In 2014, the University of Melbourne established a jointly supervised PhD program called Melbourne India Postgraduate Program (MIPP). This was superseded by the current jointly awarded program, the Melbourne India Postgraduate Academy (MIPA), from April 2018. Continuous investment is pivotal to uphold the excellence of MIPA and achieve its intended outcomes. In addition to supporting 32 MIPP candidates, the University of Melbourne has invested over AUD 10 million to fund 37 MIPA PhD living stipends, fee remission scholarships, and support for research exchange with our Indian partners and collaboration and bi-annual conferences. Simultaneously, our Indian partners have contributed significant resources and talent through their respective PhD scholarship, annual workshops, and research support programs.

The returns from these substantial investments continue to be highly favourable, including:

- Attract exceptional candidates to the University of Melbourne and Indian partner institutions and marked increase in both quantity and quality of research engagement between Melbourne & India.
- Development and sustenance of research collaborations among participating academics, leveraging complementary skills, world-class expertise, and state-of-the-art infrastructure.
- Establishment of a more competitive and impactful platform from which to address critical scientific questions and global challenges.

MIPA has served as a conduit for several long-term networks and collaborations between the University of Melbourne researchers and MIPA partners leading to new research projects and Industry engagement through several initiatives including SPARC (Scheme for Promotion of Academic and Research Collaboration), Projects funded by Government of India, Australia India Strategic Research Fund AISRF Grant, Global Initiative for Academic Network (GIAN) Fellowships for the University of Melbourne faculty, Visiting Advanced Joint Research Faculty Scheme (VAJRA) Fellowship.

MIPA stands as a testament to the unwavering commitment of The University of Melbourne and its Indian partner institutions to foster international research collaboration and cultivate the next generation of global researchers. This initiative not only empowers the joint PhD candidates but also propels academic supervisors towards addressing the most pressing scientific inquiries and global challenges of our time through shared expertise and resources.



MIPA Candidates

Within the realms of our collaborations with our MIPA partners, we have enrolled 44 exceptional joint PhD candidates since its inception in 2018.

The first MIPA candidate between University of Melbourne and IIT Kanpur, Dr. Salil Goel graduated in 2018 and is now working as Assistant Professor, Department of Civil Engineering at IIT Kanpur. Salil is currently collaborating with his Melbourne counterparts and jointly supervising his own MIPA candidates. Several other MIPA candidates (both alumni and current) have inspiring stories to tell. The growing cohort of MIPA alumni is a significant resource for our current and future MIPA candidates to tap into for guidance, mentoring and networking.

This is a cohort that embodies India's rich diversity, representing the diversity across the country. While we take immense pride in this diversity, our commitment to growth and innovation remains unwavering. As MIPA continues to evolve, the University of Melbourne is steadfast in its mission to broaden the horizons of this exceptional cohort. We aspire to motivate more of our domestic PhD cohort to embrace the opportunity to engage with our esteemed Indian partners, enriching their academic journeys with unparalleled global knowledge exchange.

Hand in hand with our esteemed Indian collaborators, we share a vision that transcends borders. MIPA is a testament to our shared commitment to nurturing the next generation of researchers, innovators, and entrepreneurs in both India and Australia. Together, we are forging pathways to unparalleled research and training opportunities in both nations, ultimately shaping the future of academic collaboration and innovation. MIPA is not just an academic initiative; it's a transformational journey that's redefining the landscape of academic excellence, one visionary joint PhD candidate at a time.

MIPA Candidates and Academic Supervisors

MIPA Graduate Research Candidate	The Univeristy of Melbourne		Partner Institution in India	
	Dept.	Supervisor(s)	Institute	Supervisor(s)
Salil Goel	FEIT	Prof Allison Kealy	IIT Kanpur	Prof Bharat Lohani
Pooja Pandey	FEIT	Prof Greg Martin	IIT Kharagpur	Prof Hari Niwas Mishra
Padma Naveena Ganapam	FEIT	Prof Marcus Pandy	IIT Madras	Prof Sujatha Srinivasan
Mayank Bahsin	SCIENCE	Prof Trevor Smith	IIT Kharagpur	A/Prof Pawan Goyal
Shreshtha Kumar Gupta	FEIT	Dr Robert Gordon	IIT Kanpur	A/Prof Vaibhav Arghode
Shubham	FEIT	Prof Richard Sandberg	IIT Kanpur	Prof Abhijit Kushari
Joydip Mondal	SCIENCE	Prof Muthupandian Ashokkumar	IIT Kharagpur	Dr Parthasarathi Gosh
Abhisek Mondal	FEIT	A/Prof Meenakshi Arora	IIT Kharagpur	Prof Brajesh K Dubey
Dibbendu Roy	FEIT	Prof Tansu Alpcan	IIT Kharagpur	Prof Goutam Das
Chinglen Meetei Tensubam	FEIT	Prof Alexander Babanin	IIT Kharagpur	A/Prof Mihir Kumar Dash
Arunjunai R. S. S. Kumar	SCIENCE	Prof Muthupandian Ashokkumar	IIT Kharagpur	Prof Nikhil K. Singha
Snigdha Sarita Mohapatra	FEIT	A/Prof Meenakshi Arora	IIT Kharagpur	Dr Manoj Kumar Tiwari
Soumendu Sarkar	SCIENCE	Prof David Phillips	IIT Kharagpur	A/Prof Sujoy Kanti Ghosh
Ananth Sivaramakrishnan Malathi	FEIT	Prof Richard Sandberg	IIT Madras	Dr Vadlamani Nagabhushana Rao
Subhajit Chakraborty	SCIENCE	Prof Trevor Smith	IIT Kanpur	Prof Debabrata Goswami
Sourav Ghosh	FEIT	Dr Christian Brandl	IIT Kanpur	Dr Rajdip Mukherjee
Ankit Bhadouriya	FEIT	A/Prof Bishakhdatata Gayen	IIT Kanpur	Prof Rakesh Kumar
Asif Ahmed Sardar	FEIT	Prof Mariumuthu Palaniswami	IIT Kharagpur	Prof Goutam Das
Anirban Ghosh	SCIENCE	Prof Andy Martin	IIT Kharagpur	Prof Sonjoy Majunder
Joydeep Baral	SCIENCE	A/Prof Elizabeth Hinde	IIT Kharagpur	Prof Amit Kumar Das
Chesta Chesta	SCIENCE	A/Prof David Jones	Indian Institute of Science - Bangalore	Prof Sampath Srinivasan
Kunwar Abhishek Singh	FEIT	A/Prof Meenakshi Arora	IIT Kharagpur	Prof Manoj Kumar Tiwari
Mehdi Alam	FEIT	A/Prof Mahdi Miri Disfani	IIT Kanpur	Prof Arghya Das
Aditya	FEIT	Prof Jagannath Aryal	IIT Kanpur	Prof Bharat Lohani
Sri Priyanka	FEIT	Prof Dongryeol Ryu	IIT Kanpur	Prof Bharat Lohani
Ashwani Kumar	FEIT	Prof Kourosh Koshelham	IIT Kanpur	Dr Salil Goel
Sai Keertana Kappagantula	SCIENCE	A/Prof Alex Idnurm	IISER Tirupati	A/Prof Sreenivas Chavali
Zain Torres	FEIT	Prof Alexander Babanin	IIT Madras	Prof Sannasiraj S A
Dhiren Swain	FEIT	Dr Serene Ho	IIT Madras	Prof Benjamin Soly

Shubham Verma	FEIT	Prof Greg Qiao	IIT Kharagpur	Prof Nikhil Kumar Singha
Shilpa Koyyan	FEIT	Prof Dongryeol Ryu	Indian Institute of Science - Bangalore	Prof D Nagesh Kumar
Sai Vikas Kona	FEIT	Prof Andrew Western	Indian Institute of Science - Bangalore	Dr Rajarshi Das Bhowmik
Poornima Chandra Lekha Posa	FEIT	Dr Conrad Wasko	Indian Institute of Science - Bangalore	Dr Rajarshi Das Bhowmik
Hema Jha	FEIT	Prof Kathryn Mumford	IIT Kharagpur	Prof Brajesh Dubey
Nimisha Kattumunda	FEIT	Prof Tai Thai	IIT Kharagpur	Prof Damodar Maity
Vivek Kumar Yadav	FEIT	Dr Murray Peel	Indian Institute of Science - Bangalore	As/Prof Bramha Vishwakarma
Santanu Soe	SCIENCE	Dr Matthew K Tam	IIT Madras	Prof Vetrivel V
Pradeep Ramesh	SCIENCE	Prof Giovanni Turchini	IIT Kharagpur	Dr Dibyendu Kamilya
Subham Saha	FEIT	Dr James Bullock	IIT Kharagpur	Prof Samit K Ray
Susithra Sureshkumar	FEIT	Prof Amanda Ellis	IIT Kharagpur	Dr Swambabu Varanasi
Shruti Agnihotri	FEIT	Prof Andrea O Connor	IIT Kanpur	Prof Kantesh Balani
Srujan Shetty Kundapura	MDHS	Dr Debnath Ghosal	IIT Kanpur	Prof. Sandeep Verma
Saurav Mandal	FEIT	Prof Alexnder Babanin	IIT Madras	Prof. Trilochan Sahoo
Indranil Bhattacharya	FEIT	Prof Gregory Martin	IIT Kharagpur	Prof Ramkrishna Sen

44 candidates have enrolled through Melbourne India Postgraduate Academy (MIPA) and 18 MIPA candidates have now graduated and making significant contributions in academia, industry, and government organisations.

MIPA Candidates



Salil Goel
Unimelb and IIT Kanpur
(Graduated: 2018)



Dibbendu Roy
Unimelb and IIT Kharagpur
(Graduated: 2022)



Joydip Mondal
Unimelb and IIT Kharagpur
(Graduated: 2022)



Pooja Pandey
Unimelb and IIT Kharagpur
(Graduated: 2022)



Ananth S. Malathi
Unimelb and IIT Madras
(Graduated 2023)



Padma N. Ganapam
Unimelb and IIT Madras
(Graduated 2023)



Pawan Kumar
Unimelb and IIT Kharagpur
(Graduated: 2023)



Shreshtha K. Gupta
Unimelb and IIT Kanpur
(Graduated: 2023)



Mayank Bahsin
Unimelb and IIT Kharagpur
(Graduated 2023)



Abhisek Mondal
Unimelb and IIT Kharagpur
(Graduated: 2024)



Shubham
Unimelb and IIT Kanpur
(Graduated: 2024)



Soumendu Sarkar
Unimelb and IIT Kharagpur
(Graduated: 2024)



Arunjunai R. S. Kumar
Unimelb and IIT Kharagpur
(Graduated: 2024)



Snigdha S. Mohapatra
Unimelb and IIT Kharagpur
(Graduated: 2024)



Chinglen M. Tensubam
Unimelb and IIT Kharagpur
(Graduated: 2025)



Sourav Ghosh
Unimelb and IIT Kanpur
(Graduated: 2025)

MIPA Candidates



Anirban Ghosh
Unimelb and IIT
Kharagpur
(Graduated: 2025)



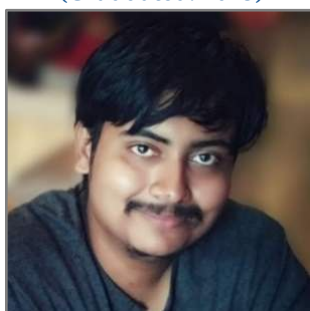
Chesta
Unimelb and IISc
(Graduated: 2025)



Asif Ahmed Sardar
Unimelb and IIT Kharagpur
(Graduated: 2025)



Ankit Bhadouriya
Unimelb and IIT Kanpur
Commenced: Sep-2020



Subhajit Chakraborty
Unimelb and IIT Kanpur
Commenced: Jun-2020



Joydeep Baral
Unimelb and IIT
Kharagpur
Commenced: May-2021



Aditya
Unimelb and IIT Kanpur
Commenced: Mar-2022



Ashwani Kumar
Unimelb and IIT Kanpur
Commenced: Apr-2022



K. Abhishek Singh
Unimelb and IIT
Kharagpur
Commenced: Jan 2022



Mehdi Alam
Unimelb and IIT Kanpur
Commenced: Feb 2022



Sri Priyanka
Unimelb and IIT Kanpur
Commenced: Mar 2022



Zain Torres
Unimelb and IIT Madras
Commenced: July 2022



Nimisha Kattumunda
Unimelb and IIT
Kharagpur Commenced:
2023



K Sai Keeratana
Unimelb and IISER Tirupati
Commenced: 2023



Shilpa Koyyan
Unimelb and IISc Bangalore
Commenced: 2023



Sai Vikas Kona
Unimelb and IISc Bangalore
(Commenced: 2023)



Poornima Lekha Posa
Unimelb and IISc Bangalore
Commenced: 2023



Santanu Soe
Unimelb and IIT Madras
Commenced: 2023



Hema Jha
Unimelb and IIT
Kharagpur Commenced:
2023



Dhiren Swain
Unimelb and IIT Madras
Commenced: 2024



Shruti Agnihotri
Unimelb and IIT Kanpur
Commenced: 2024



Pradeep Ramesh
Unimelb and IIT Kharagpur
Commenced: 2024



Shubham Verma
Unimelb and IIT
Kharagpur Commenced:
2024

MIPA Alumni Sharing Their Experiences



Asif Ahmed Sardar
MIPA Graduate (2025)

The dual PhD experience through MIPA allowed me to work closely with mentors and peers across India and Australia. It shaped my research outlook and taught me the value of collaboration, adaptability, and global perspective in science.



Pooja Pandey
MIPA Graduate (2022)

Graduating in December 2022, I embarked on this academic adventure, harnessing the knowledge and expertise from two distinguished institutions – University of Melbourne and IIT Kharagpur, India. The know-how and hands-on skills acquired during my PhD has helped me getting my dream job at Phaslo Global, Brisbane, where I am at the forefront of formulating a Phase Change Formula (PCF) that is fully recyclable and food-safe, presenting a superior alternative to dry ice and polystyrene.



Joydip Mondal
MIPA Graduate (2022)

I am currently doing my postdoc assignment with CSIRO, Melbourne, working in the field of multiphase flow relevant to the biomedical and energy sectors. in Melbourne.

MIPA offered me the extraordinary opportunity to draw from the combined strengths of two esteemed universities, fostering a global perspective and facilitating groundbreaking research. This greatly helped to shape my career goals in Australia.

The groundbreaking partnership between the University of Melbourne and leading Indian institutions unites world-class expertise, forging a vibrant cross-continental hub for pioneering research and innovation.

Current MIPA Candidates Sharing Experiences



My decision to convert to the MIPA Joint Ph.D. between IISc Bangalore and the University of Melbourne has been the most impactful choice of my research career. It provides authentic global exposure through the

exceptional dual mentorship system. MIPA also ensures comprehensive additional resources and support, fundamentally shaping and enriching my entire academic journey. Furthermore, sharing a workspace within a vibrant multi-cultural community has transformed my adaptability, broadened my professional network, and fostered significant personality development.

Sai Vikas Kona | PhD Candidate, MIPA



I am grateful to be a MIPA student between IIT Kharagpur and the University of Melbourne. This journey has been incredible in terms of exposure, learning, and personal growth. Working in diverse lab

environments and receiving kind guidance and support from my mentors have been invaluable in learning research skills. During this time, I have developed a global perspective on academia, which helps me understand research environments more deeply. Living in the beautiful city of Melbourne and building connections across cultures have enriched my worldview and inspired me to grow both personally and in my career.

Hema Jha | PhD Candidate, MIPA



Being part of the MIPA program has been a truly enriching experience in both my academic and personal journey. The collaboration between the University of

Melbourne and IIT Kharagpur continues to provide me with valuable exposure to diverse research environments and global perspectives. It has helped me build strong professional relationships, broaden my perspective on research, and offered deeply fulfilling opportunities to learn, grow, and collaborate within a diverse academic environment. The MIPA program continues to strengthen my academic foundation.

Nimisha Kattumunda | PhD Candidate, MIPA



Participating in the Melbourne India Postgraduate Academy (MIPA) 2025 has been transformative. As a joint PhD candidate in Land Policy and urban issues, I bridged IIT Madras's innovation with

Melbourne's cutting-edge solution oriented scientific research, tackling community oriented urban solutions. Cross-cultural collaborations, expert mentorship, and global conferences honed my research skills, fostering lifelong networks. This experience ignited my passion for Indo-Australian partnerships, propelling evidence-driven impact worldwide.

Dhiren Swain | PhD Candidate, MIPA

MIPA Academic Supervisors' Experiences



Professor Andrew Western

Chair of Hydrology and Water Resources, Department of Infrastructure Engineering, University of Melbourne

I supervise Sai Vikas Kona with Dr Rajarshi Das Bowmick and Dr Murray Peel. I also supervise Shilpa Koyyan with Prof Nagesh Kumar and Prof Dongryeol Ryu. Both students are joint with IISc. MIPA has been a fantastic opportunity to develop collaborative relationships and, also for me to learn more about India and the commonalities and differences in water issues between Australia and India. I feel it has also provided a great opportunity for the graduate researchers to develop a broader understanding.



Dr Serene Ho

Department of Infrastructure Engineering, University of Melbourne

I currently supervise Mr Dhiren Swain with Assoc. Prof. Alice Kesminas (FEIT), and Prof. Solomon Benjamin and Asst Prof. Santhosh Abraham from IIT Madras. Without MIPA, this team of supervisors would not have come together to collaborate on this project that draws on the land and GIS expertise of FEIT, and the sociology and archival expertise of IITM improves community agency and reshape how negotiation takes place between vulnerable communities and states to secure right of occupation.

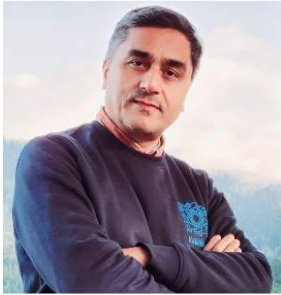


Professor Giovanni Turchini

Head of School of Agriculture, Food and Ecosystem Sciences, University of Melbourne

The MIPA program has been an excellent platform to foster meaningful international collaboration. Through this initiative, I had the privilege of co-supervising one of my best PhD students, Mr Pradeep Ramesh from the Indian Institute of Technology Kharagpur. The program not only enabled this outstanding academic exchange but also led to the development of a strong partnership with Associate Professor Dibyendu Kamilya. Together, we have already applied for several competitive grants and continue to build our joint research collaborations.

MIPA Academic Supervisors' Experiences



I have been collaborating with colleagues at the University of Melbourne for quite some time. Our close interaction began nearly a decade ago

when Dr. Stephan Winter visited IIT Kanpur, initiating a rich exchange of research ideas and discussions. This engagement soon evolved into joint PhD supervision under the MIPA program. My student, Dr. Salil Goel, became the first MIPA joint PhD student from IIT Kanpur, jointly supervised by me and Dr. Allison Kealy. Following this, my recent students Aditya and Priyanka successfully completed their PhD research under joint supervision with A/Prof Jagannath Aryal, Prof Dongryeol Ryu, and Prof Stephan Winter. Over the years, we have also exchanged visits between our research groups, further strengthening our partnership and paving the way for continued collaboration between our institutions.

Professor Bharat Lohani

Department of Civil Engineering, Indian Institute of Technology Kanpur



As a supervisor of a student from IIT Kharapur I have been delighted with their academic prowess and quality of their work. My interactions with their supervisor in Indian have

been very rewarding and our proactive collaboration has been truly invaluable. We regularly meet to discuss student progress, research outcomes, current and future papers and also have submitted grant applications. Overall, it has proven to be an excellent program.

Prof Amanda Ellis

School of Chemical and Biomedical Engineering, University of Melbourne



We have been largely involved in delineating the impact of protein segments with compositional bias on the physiology of individual species such as yeast and humans. The MIPA

program has provided us with an opportunity to expand our horizons and investigate the role of such protein segments in inter-species interactions, specifically fungal pathogenesis in humans. MIPA has facilitated joint supervision of a graduate researcher by me and Dr. Alexander Idnurm, University of Melbourne, opening new avenues to understand and tackle deadly fungal diseases.

A/Prof Sreenivas Chavali

Biology, Indian Institute of Science Education and Research (IISER), Tirupati



MIPA has created exciting opportunities to work with some of the brightest minds from the partner institutions of India with diverse interests, skill sets, and backgrounds. I feel privileged to work with four MIPA PhD

candidates who brought talents and energy to Melbourne. As a member of strong international collaborative team, they tackle four significant challenges to lift barriers in achieving sustainable water use and management using innovative remote sensing techniques at global coverage.

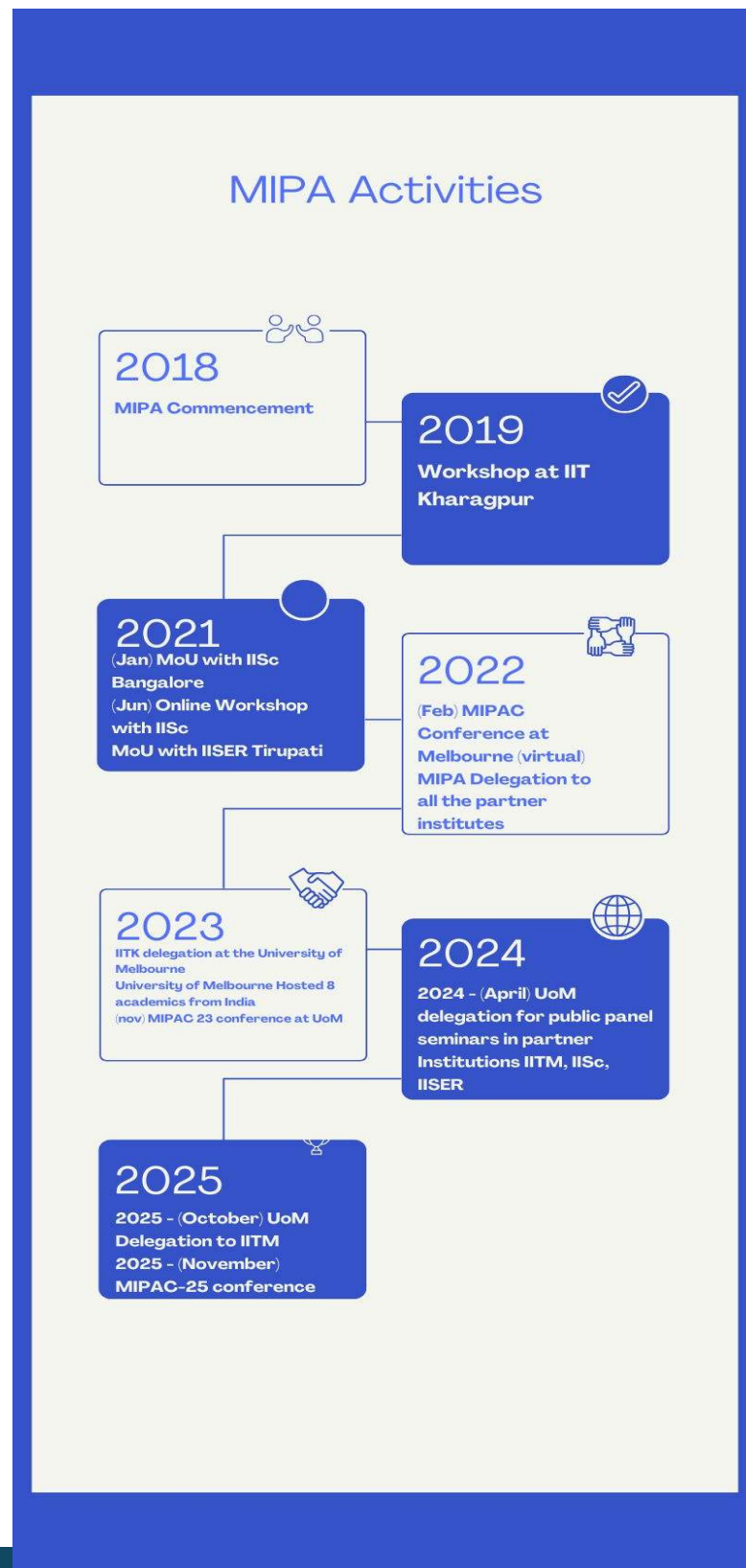
Professor Dongryeol Ryu

Department of Infrastructure Engineering, University of Melbourne

The MIPA program stands as a beacon of collaboration between two academic powerhouses, fostering the exchange of knowledge and innovation. Working with Indian talents and premier research organizations has enriched our research landscape, paving the way for transformative breakthroughs.

MIPA Activities

Since commencement, MIPA has been actively collaborating with partner Indian institutions and producing high quality research., MIPA has organised various workshops – in person as well as online, and hosted delegates from partner institutions. Through MIPA conferences, MIPA has provided a platform for research collaborations without boundaries.



MIPA Activities



FEIT Dean and the MIPA Director in the industry roundtable at IIT Madras, 2025



AI and Ethics Panel discussion at IIT Madras, 2024



University of Melbourne delegation visit to IISER Tirupati 2024



University of Melbourne delegation visit to IIT Kharagpur in 2024



University of Melbourne delegation visit to IIT Delhi in 2024



Professor Sujatha Sreenivasan from IIT Madras, Professor Arghaya Das from IIT Kanpur and Professor Bharat Lohani from IIT Kanpur visiting University of Melbourne in 2023



Visit to IISER Tirupati in September 2022



Visit to IIT Madras in September 2022



University of Melbourne delegation visit to IISC Bangalore in September 2022

MIPA OUTREACH

Indian Institute of Technology Alumni, Victoria (IITaV)

IIT Alumni of Victoria (IITaV) is the premier professional and social network for alumni of India's prestigious Indian Institutes of Technology (IITs) in the state of Victoria, Australia. Established in Melbourne around 2006 as a chapter of the broader IITians Association of Australia (IITAA), IITaV fosters connections among over 500 members, including engineers, researchers, entrepreneurs, and academics. Its mission emphasizes professional development, cultural preservation, and community service, bridging the IIT legacy with Australia's innovation ecosystem.

A cornerstone of IITaV's impact is its synergy with the University of Melbourne's Melbourne India Postgraduate Academy (MIPA). As a Gold Corporate Member of IITaV, UniMelb engages through the joint PhD program with IITs (Kanpur, Madras, Kharagpur), IISc Bangalore and IISER Tirupati, hosting over 40 IIT alumni as staff or PhD candidates. IITaV collaborates on MIPA's annual conferences (MIPAC), providing networking mixers, mentorship for joint scholars, and alumni integration events. This partnership amplifies Indo-Australian research ties, spawning collaborations in biotechnology, renewable energy, and data science evident in joint publications and startup incubations at Melbourne Connect.

Beyond academia, IITaV champions STEM outreach, partnering with schools for coding workshops and inspiring the next generation of IITians down under. With a newsletter highlighting member spotlights and policy advocacy, IITaV embodies resilience and excellence, empowering IIT graduates to thrive globally while honoring their roots. As Victoria's IIT diaspora grows, IITaV remains a vital hub for innovation and belonging.



MIPA GR's and Staffs enjoying Diwali celebration with IITaV, 2025.

INGRES

The Indian Graduate Researchers Society (InGReS) at the University of Melbourne is a vibrant social and professional network for research scholars of Indian heritage. Established under the Graduate Student Association, it builds community through events, workshops, and cultural exchanges, addressing challenges like cultural adaptation and career navigation for over 200 members. InGReS promotes Indo-Australian academic ties by organizing seminars on research ethics, funding, and interdisciplinary collaboration.

It serves as a networking platform for research scholars. With a mission to foster a strong sense of community and to promote cohesive bonding among Indian students, InGReS hosts a variety of cultural and professional events throughout the year that facilitates regular interaction among our members. These events also provide opportunities for academic and professional development, contributing to the long-term success of our members.



Current executive committee of INGRES



Independence Day celebration by INGRES in 2025.

Past MIPA Conferences

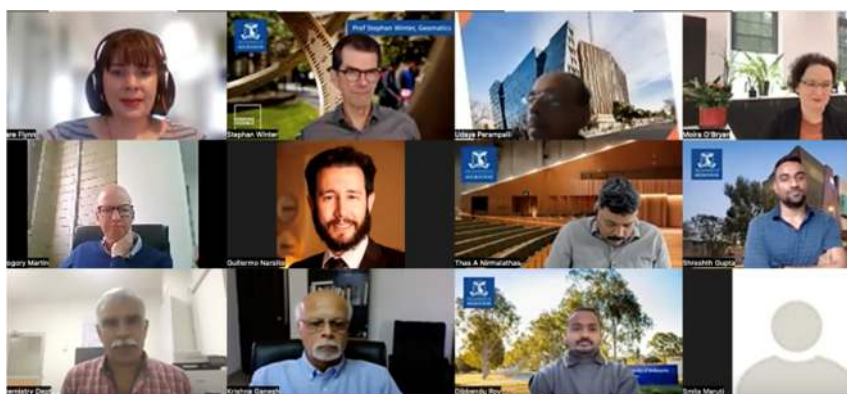
MIPA Conference is held in Melbourne every two years to provide all MIPA candidates an opportunity to present their joint research to peers and broader academy. The conference also brings the Indian supervisors from partner institutions to Melbourne for further networking and research exchange with the Melbourne academics, meeting new colleagues, visiting facilities and delivering seminars in respective departments. The MIPA conferences have been very well supported by University of Melbourne leadership, Melbourne Consul office and members of IITaV. The 2022 conference was held fully online due to COVID-19 lockdowns.

The Melbourne India Postgraduate Academy Conference 2023 (MIPAC-23), hosted by the University of Melbourne, convened on November 16-17, 2023, following a pre-conference workshop on November 15. This fourth annual event united joint PhD candidates and researchers from the University of Melbourne and elite Indian institutions like IIT Kanpur and IISc Bangalore. Key highlights included interdisciplinary presentations on scalable solutions for global challenges, networking sessions, and professional development workshops. Attendees shared innovations in fields such as engineering, biotechnology, and sustainable technologies, fostering Indo-Australian academic ties. The conference underscored MIPA's role in cultural exchange and collaborative research, with over 100 participants engaging in panel discussions and poster sessions at UniMelb's innovation precinct. Outcomes featured new partnerships and publications advancing cross-border knowledge.

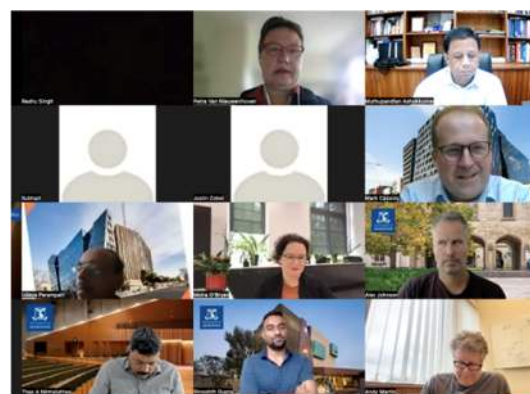
The MIPA Conference (MIPAC-25) is scheduled to be held during 12-14 November 2025 in Melbourne, with a pre-conference academic workshop on 15 November.



Conference and Supervisor workshop from 2023



Snippets of MIPAC 2022



Snippets of MIPAC 2019

MIPA Conference 2025

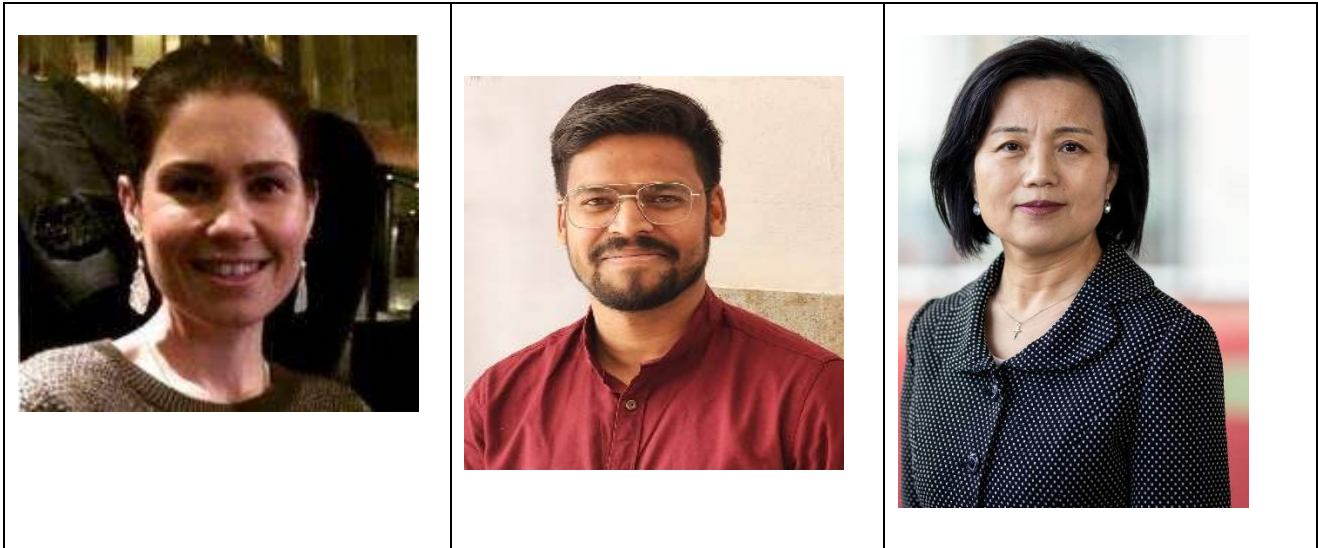
The fifth MIPA Conference (MIPAC-25) is scheduled to be held during 13-14 November 2025 in Melbourne, with an academic workshop on 12 November.

MIPAC-25 will be held at the Melbourne Business School, on the Parkville Campus, University of Melbourne. The two-day conference will provide an excellent platform for graduate researchers to expand their academic networks and share research with the community from the University of Melbourne and the collaborating Indian Institutes of Technology: Kharagpur (IIT-KGP), Kanpur (IIT-K), Madras (IIT-M), the Indian Institute of Science Bangalore (IISc) and the Indian Institute of Education and Research Tirupati (IISER). This diverse program offers an enriching environment for the exchange of ideas and multi-disciplinary collaborations. We look forward to seeing you all in Melbourne in November.

Due to the joint nature of MIPA, we have joint PhD candidates at various Indian partner institutions at any given time, therefore the conference will be organised in a hybrid mode, with delegates attending in-person at the University of Melbourne and some joint PhD candidates and partner institutions' academics via online from India.

Organising Committee





From the top row (left to right): [MIPA candidates Hema Jha, Shilpa Koyyan, Nimisha Kattumunda]

Second row (left to right): Bridget Nardella, Dhiren Swain

Third Row (left to right): Associate Professor Debnath Ghosal, Prof. Jagannath Aryal and Sai Vikas Kona

Fourth Row: (left to right): Rebecca Whitsed, Subham Verma, Maria Han

Publications from Partner Institutions

Partner Institutions	MIPA Publications (2018–2025)
IIT Kharagpur	114
IISc Bangalore	82
IIT Kanpur	69
IIT Madras	318
IISER Tirupati	4

Publications from MIPA Candidates 2019-2025

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