An Institute of

NANYANG TECHNOLOGICAL UNIVERSITY SINGAPORE
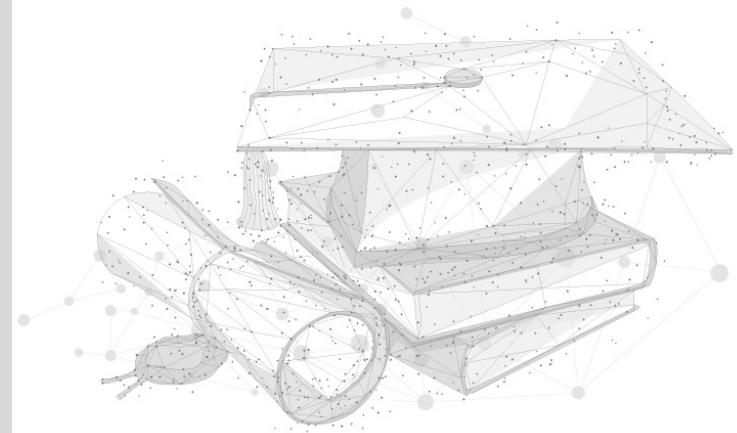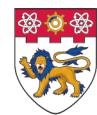
Area of Research

MATHEMATICS & MATHEMATICS EDUCATION

Research Domains	Scope of Research	Faculty Members (Potential Supervisors)
Mathematics	Analysis	Assoc Prof Toh Tin Lam Dr Ng Wee Leng
	Computational Mathematics	Assoc Prof Ang Keng Cheng Assoc Prof Toh Pee Choon Assoc Prof Ho Weng Kin
	Computer Modelling of Discrete System	Dr Paul Shutler
	Discrete Mathematics	Assoc Prof Dong Fengming Assoc Prof Tay Eng Guan Assoc Prof Toh Pee Choon Asst Prof Hang Hao Chuien
	Domain Theory and Topology	Assoc Prof Zhao Dong Sheng Assoc Prof Ho Weng Kin
	Graph Theory	Assoc Prof Dong Fengming Assoc Prof Tay Eng Guan Asst Prof Hang Hao Chuien
	Mathematical Modelling	Assoc Prof Ang Keng Cheng

Research Domains	Scope of Research	Faculty Members (Potential Supervisors)
Mathematics	Number Theory	Assoc Prof Toh Pee Choon
	Operations Research	Dr Paul Shutler
	Statistics	Asst Prof Zhu Tianming
		Dr Zhu Ying
Mathematics Education	Activities and Programmes for Low Achievers	Assoc Prof Leong Yew Hoong
		Assoc Prof Toh Tin Lam
		Dr Cheng Lu Pien
		Prof Berinderjeet Kaur
		Assoc Prof Choy Ban Heng
	Ancient Chinese Mathematics	Dr Ng Wee Leng
	Assessment and Testing	Assoc Prof Choy Ban Heng
		Dr Ng Kit Ee Dawn
		Prof Berinderjeet Kaur
	Cognition and Metacognition	Assoc Prof Lee Ngan Hoe
		Dr Ng Kit Ee Dawn
	History of Mathematics	Assoc Prof Ho Weng Kin
		Dr Paul Shutler
	ICT	Dr Ng Wee Leng
		Dr Yeo Boon Wooi Joseph
	Innovations in Teaching	Assoc Prof Ho Weng Kin
		Dr Cheng Lu Pien
		Dr Paul Shutler
		Dr Yeo Boon Wooi Joseph
		Assoc Prof Choy Ban Heng

Research Domains	Scope of Research	Faculty Members (Potential Supervisors)
Mathematics Education	Inservice and Professional Development	Assoc Prof Leong Yew Hoong Assoc Prof Toh Tin Lam Assoc Prof Choy Ban Heng Dr Cheng Lu Pien Prof Berinderjeet Kaur Dr Ng Kit Ee Dawn
	Mathematical Applications and Modelling	Assoc Prof Ang Keng Cheng Dr Ng Kit Ee Dawn
	Mathematics Curriculum (School)	Assoc Prof Lee Ngan Hoe Prof Berinderjeet Kaur Assoc Prof Choy Ban Heng
	Mathematics Curriculum (Undergraduate)	Assoc Prof Ho Weng Kin Assoc Prof Tay Eng Guan Assoc Prof Toh Pee Choon Dr Teo Kok Ming
	Mathematics Teacher Education	Assoc Prof Leong Yew Hoong Assoc Prof Tay Eng Guan Assoc Prof Toh Tin Lam Assoc Prof Choy Ban Heng
	Problem Solving and Investigation	Assoc Prof Tay Eng Guan Assoc Prof Toh Pee Choon Assoc Prof Toh Tin Lam Dr Yeo Boon Wooi Joseph Dr Yeo Kai Kow Joseph Assoc Prof Choy Ban Heng

For further information, you may visit the Mathematics and Mathematics Education (MME) Department webpage.

🔍 Research Domains	🎯 Scope of Research	👥 Faculty Members (Potential Supervisors)
Mathematics Education	Reasoning and Justification	Assoc Prof Toh Pee Choon Assoc Prof Choy Ban Heng
	Reflective Practice	Dr Cheng Lu Pien Dr Ng Kit Ee Dawn Assoc Prof Choy Ban Heng
	Research in Classroom Practice	Assoc Prof Leong Yew Hoong Assoc Prof Choy Ban Heng Dr Cheng Lu Pien Dr Ng Kit Ee Dawn Prof Berinderjeet Kaur
	Task Design and Analysis	Assoc Prof Leong Yew Hoong Assoc Prof Choy Ban Heng Dr Cheng Lu Pien
	Teaching and Learning of Statistics	Dr Yeo Boon Wooi Joseph
	Teacher Noticing	Assoc Prof Choy Ban Heng
	Computational Thinking	Assoc Prof Ho Weng Kin Assoc Prof Tay Eng Guan