

INFRACHIP

Research Accelerator Programme – Tyndall

March 5-7, 2025

Day 1 (5th March 2025)

10:00 – 10:30	Welcome -and Overview of RAP, INFRACHIP and RisEnergy INFRACHIP and RisEnergyTeam
10:30 – 11:30	Introduction to MEMS Technology Dr. Veda Sandeep
11:30 -11:45	Tea / Coffee break
11:45 – 13:00	Overview of Quanscient Multiphysics tool Team from Quanscient
	<i>Lunch Break</i>
14:00 – 15:30	Hands-On Session on Quanscient Multiphysics tool Team from Quanscient and Tyndall team
15:30 -16:00	<i>Tea / Coffee break</i>
16:00 – 17:00	Hands-On Session on Quanscient Multiphysics tool Team from Quanscient and Tyndall team continuation

Day 2 (6th March 2025)

10:00 – 11:00	Overview of research from MEMS group Dr. Sambuddha Khan
11:00 - 11:30	<i>Tea / Coffee break</i>
11:30 – 12:30	Overview of research in Micromagnetics group Dr. Ranajit Sai
12:30 – 13:30	<i>Lunch break</i>
13:30 – 14:30	Overview of research in Thermo Electric Devices Dr. Kafil Razeeb
14:30 - 15:30	Overview of research in nanomagnetics Prof. Saibal Roy
15:30 – 16:00	<i>Tea / Coffee break</i>
16:00 – 17:00	Overview of research in Energy for IoT group Details of access through INFRACHIP and RisEnergy Mike Hayes

Day 3 (7th March ½ day)

10:00 - 11:00	Tyndall fab and characterization facilities tour
11:00 – 12:00	OACF lab and other lab tour