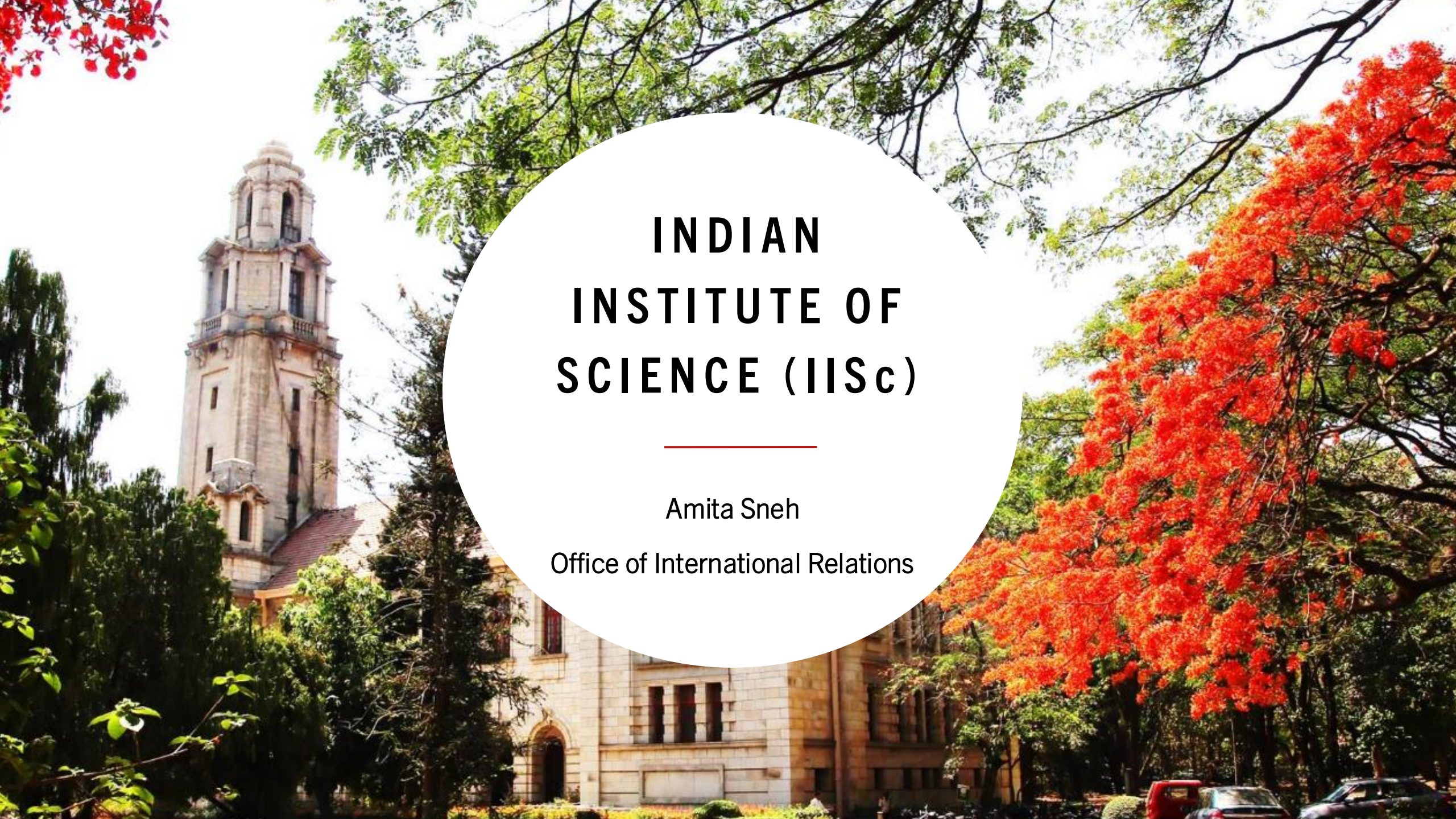
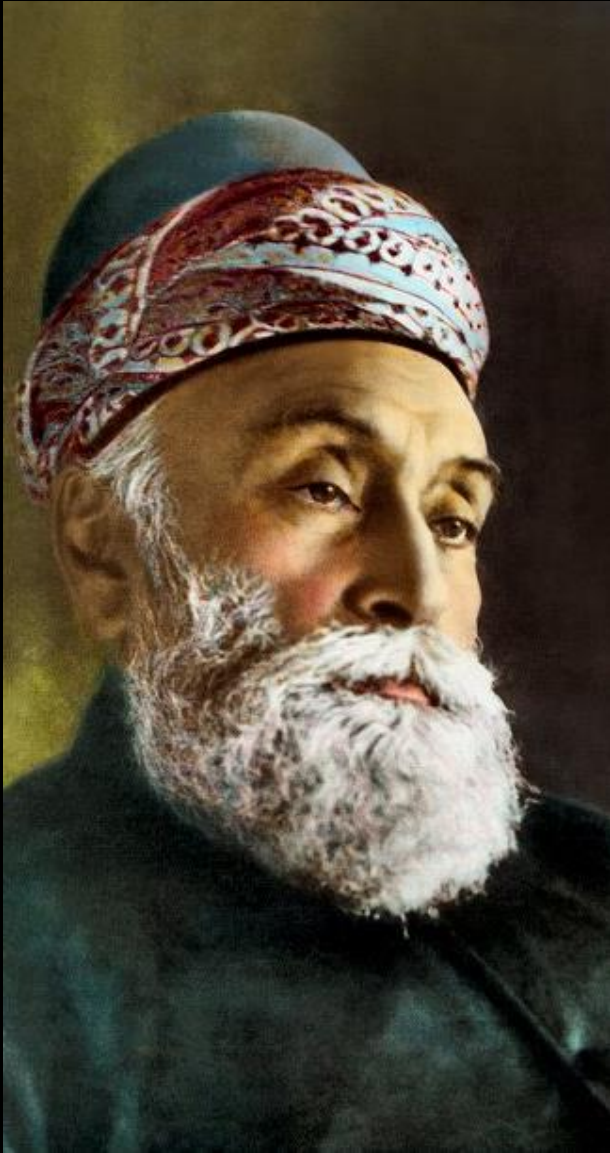




INDIAN INSTITUTE OF SCIENCE (IISc)

Amita Sneh

Office of International Relations



FOUNDING

JN Tata

Mysore
Royal
Family

British
Govt of
India

1909



ACADEMICS

PhD

Integrated PhD

MTech

MTech (Online)

MTech (Res)

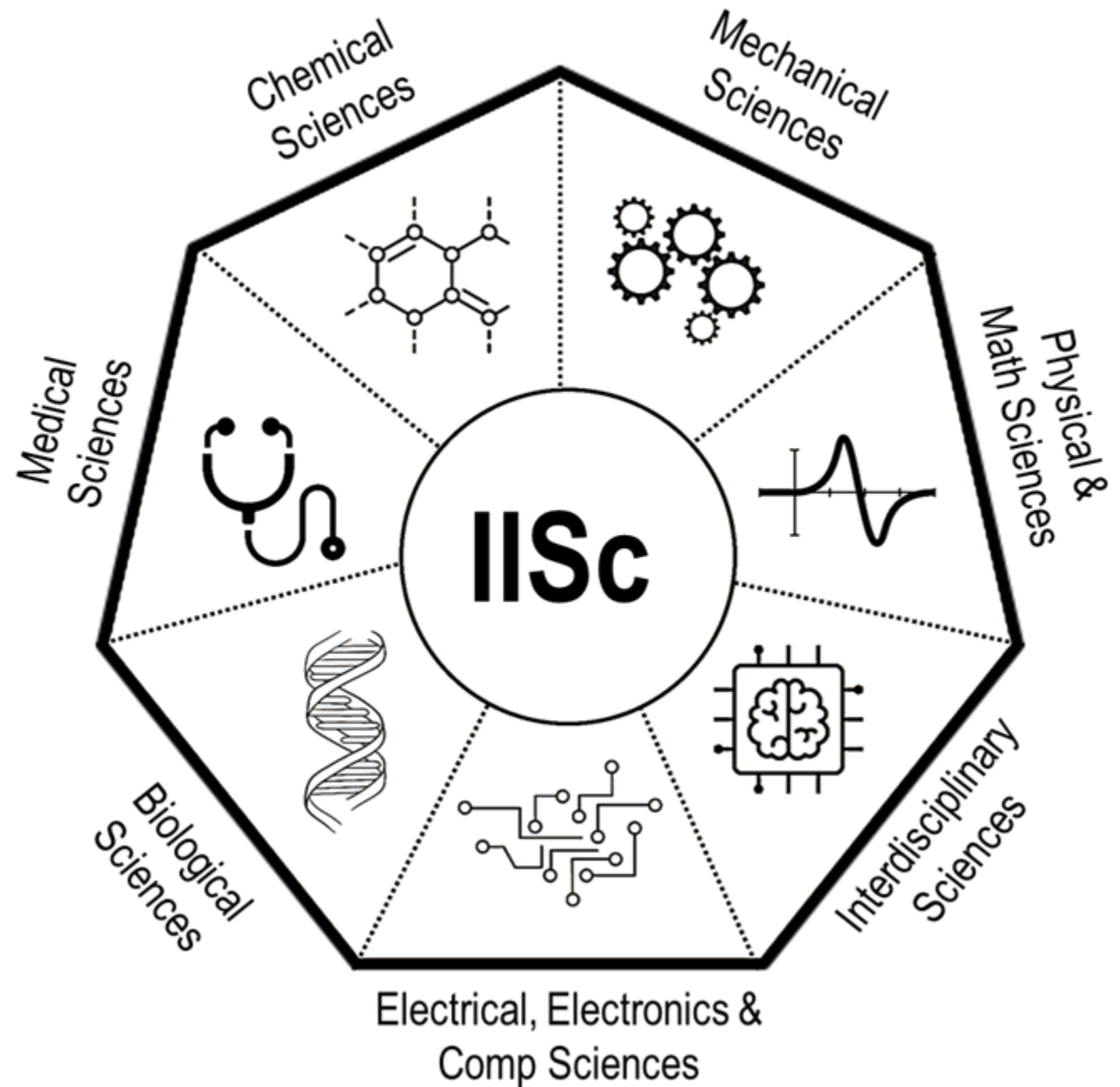
MDes

MMgmt

MSc

Bachelor of Science (Research)

BTech



ACCOLADES

India's #1 University & Research
Institute (NIRF)

World's #1 in Citations per Faculty
(QS 2022, 2023)

Institution of Eminence (MoE)



WORLD-CLASS RESEARCH FACILITIES

3.3 PF supercomputer



BSL-3 lab



3T MRI





CHALLAKERE CAMPUS

1500 acres abutting BARC, ISRO, DRDO campuses

220 km from Bengaluru

Teacher training

Skill development

Climate change research

Sustainable tech



LARGE-SCALE INITIATIVES



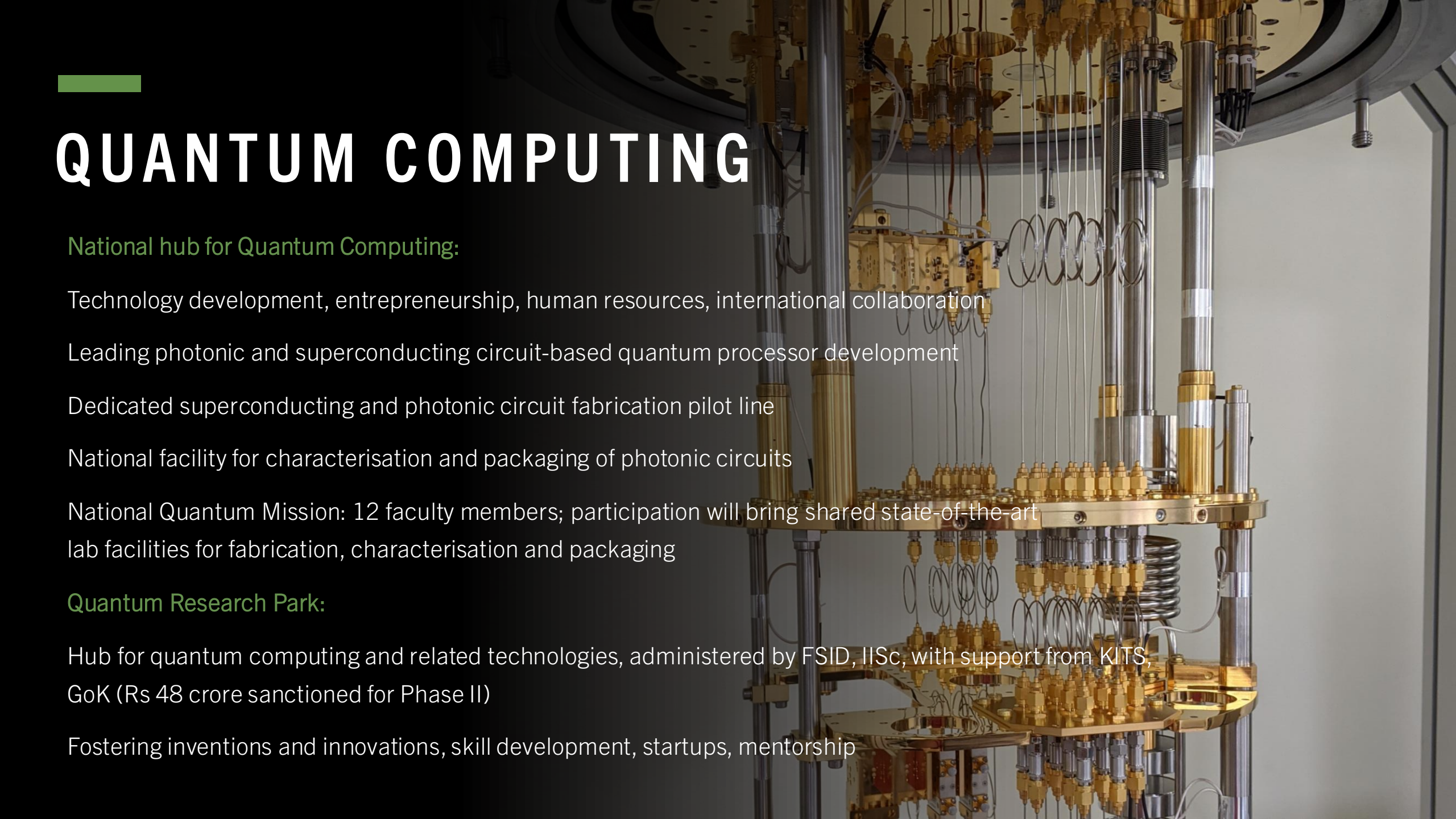
MEDICAL SCHOOL & HOSPITAL

New Frontier for Next Century

Vision: Excellence in clinical research and medical technology

MD/MS/DM/MCh/MPH combined with PhD or MTech
(Research) to form PG dual degree

Quality and affordable healthcare for all

A detailed photograph of a quantum computing system, likely a superconducting qubit setup. It features a complex arrangement of gold-colored metal components, including a central circular platform with numerous small, intricate structures. The system is supported by vertical stainless steel pillars and is surrounded by various wires and connectors. The background is dark, emphasizing the metallic components.

QUANTUM COMPUTING

National hub for Quantum Computing:

Technology development, entrepreneurship, human resources, international collaboration

Leading photonic and superconducting circuit-based quantum processor development

Dedicated superconducting and photonic circuit fabrication pilot line

National facility for characterisation and packaging of photonic circuits

National Quantum Mission: 12 faculty members; participation will bring shared state-of-the-art lab facilities for fabrication, characterisation and packaging

Quantum Research Park:

Hub for quantum computing and related technologies, administered by FSID, IISc, with support from KITS, GoK (Rs 48 crore sanctioned for Phase II)

Fostering inventions and innovations, skill development, startups, mentorship



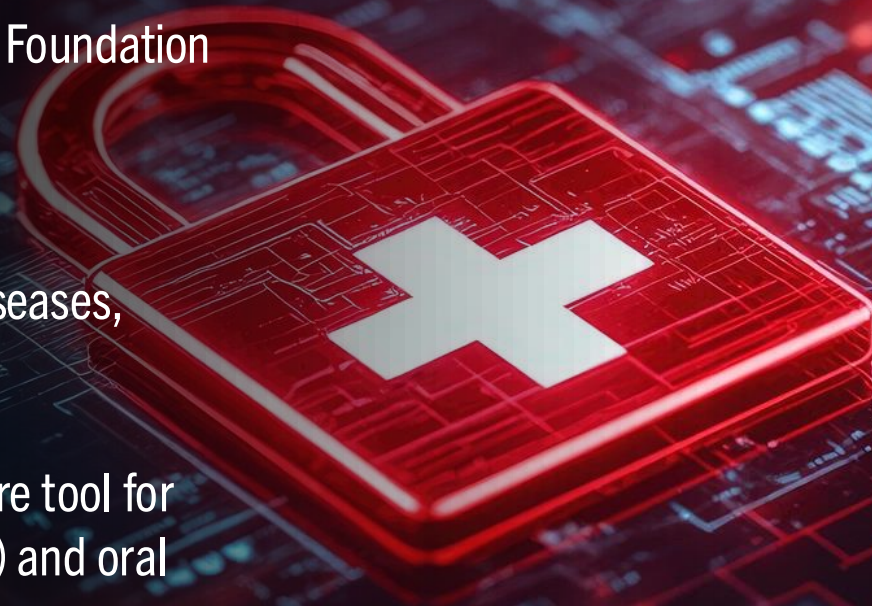
AI IN HEALTHCARE

Translational AI for Networked Universal Healthcare (TANUH) Foundation
established by MoE

AI-driven tools for early detection, risk prediction, monitoring
and personalised solutions for oral & breast cancer, retinal diseases,
diabetes, mental health

Aarogya Aarohan: Award-winning AI-empowered point-of-care tool for
early detection of oral potentially malignant disorders (OPMD) and oral
cancers

Unrestricted grant of \$2 million from Google





INNOVATION INCUBATION & COLLABORATIONS

INNOVATION & ENTREPRENEURSHIP

FOUNDATION FOR SCIENCE, INNOVATION & DEVELOPMENT (FSID)

500+ Industry partnerships

80+ Startups

MSME development

Incubation Hub being set up

TECHNOLOGY BUSINESS INCUBATORS

CPDMed: Medical tech & geriatric healthcare

INCeNSE: Nanotech and nanoelectronics

GEECI: GaN Devices



Strand Life Sciences: Acquired by Reliance Industries
Tejas Networks: Acquired by Tata Group

IISc's USP

Equal emphasis on science and engineering

Culture of fundamental and applied research

Unique interdisciplinary flavor

Thematic areas that cut across departmental and divisional boundaries

Focus on solving pressing societal challenges and global issues



Office of International Relations



- Support the international programs and activities to enhance the strength of international community
- Improve the global outreach of faculty and students
- Elevate the institutional connectivity through networking and strategic engagement



Models For Student Exchanges & Collaboration

MODE 1

Summer research
internships of
undergraduate
students
(short-term 1 to 3
months)

MODE 2

Student exchange
between institutions
for collaboration
(short-term 6 to 12
months)

MODE 3

Joint supervision of Ph.D.
students

Bilateral movement of
IISc and collaborating
institute graduate
students
(up to 18 months)

MODE 4

Joint degree of Ph.D.
students

Bilateral movement of
IISc and collaborating
institute graduate
students
(12-24 months)

INTERNATIONAL PARTNERSHIPS



JOINT PhD SUPERVISION

NTU (Singapore)

Thales-CNRS, Sorbonne and IRD
(France)

U of Queensland, U of Adelaide
(Australia)

Imperial, UCL (UK)

Rice University (USA)

JOINT PhD DEGREES

University of Melbourne (UoM)

Australian National University (ANU)

University of Manchester

(Jan-Dec 2025)

Mechanisms of Interaction for faculty

GOVERNMENT OF INDIA INITIATIVES

GIAN

SPARC

VAIBHAV (for Indian Diaspora)

IISc INITIATIVES

CHAired VISITING PROFESSORSHIPS

Satish Dhawan Visiting Professorships

Infosys Visiting Professorships

Kris and Sudha Gopalakrishnan - Pratiksha Trust

(3 Chairs in Neuromorphic Computing and
Data Science)

Post-Doctoral Fellowship



Office of International Relations Programs



Visiting faculty program:

- ◆ Foreign/Overseas Citizens of India faculty
- ◆ Duration: 3 months – 1 year
- ◆ Monthly honorarium on par with IISc faculty
 - Assistant Professor: Rs. 100,000/- per month
 - Associate Professor: Rs. 150,000/- per month
 - Professor: Rs. 200,000/- per month
- ◆ Round-trip Economy airfare, Campus accommodation (on availability & payment basis)
- ◆ Direct applications to OIR or via Host Faculty at IISc
 - CV with selected publications, Visit plan, Passport copy

Visiting program for students & researchers:

- ◆ Masters | PhD | Researchers, enrolled at the international universities
- ◆ Duration: 3 months – 1 year
- ◆ Monthly fellowship on par with IISc Students:
 - Masters student: Rs. 12,400/-
 - PhD student: Rs. 37,000 to 42,000/-
- ◆ Campus accommodation (on availability & payment basis)
- ◆ Applications via Host Faculty at IISc:
 - CV, transcript, Research plan, Passport copy

Path to a Successful Partnership

Institutional survey to identify the areas of mutual interest



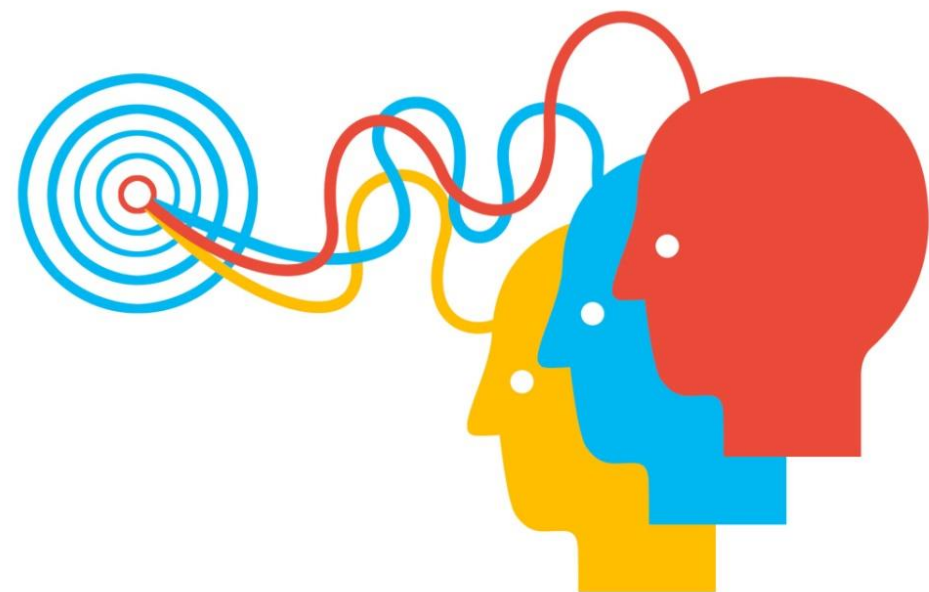
Joint Research Workshops on a focused themes
(Online, followed by In-person)



Joint Seed funds with selected partners



Bilateral Indo-X funds
Joint/Co-supervision of students



**A CHAMPION IN BOTH PARTNER
UNIVERSITIES/RESEARCH INSTITUTIONS**

Current statistics



Full-time Students

(106)

40-JSP/JDP

UG/PG/PhD programs – Fully funded

*Under Joint PhD supervision/degree programs – Funding available on reciprocal basis



MoU/Agreements

(150)

Academic/Research collaborations

Exchange of students/faculty/researchers



Meetings & Delegations

(170)

Academic/Diplomatic/Industrial visits

Seminars/Informative sessions

Joint Exploratory Workshops

THANK YOU

For additional queries/information:

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