



ICTS Million Dollar Drive

Inaugural Endowment Raise
November–December 2019

Partnering in excellence



About ICTS

Founded in 2007, and located in Bangalore the International Centre for Theoretical Sciences (ICTS–TIFR) is a unique, transdisciplinary centre in India. It carries out high quality research in the theoretical sciences; acts as a science hub for the best scientists worldwide to come to India and collaboratively work on the most challenging questions in the natural sciences and mathematics; involved in science outreach to invite young minds and members of civic society to a journey into the fascinating world of science.

ICTS Research

Our academic community comprises 20 faculty (2 will join in 2020), 3 visiting professors, 31 associated faculty, 30 postdocs, 60 PhD students and 20 visiting undergraduate students.

- Critical contributions to the discovery of gravitational waves.
- Novel interdisciplinary mathematical approach to the Indian monsoon system, involving mathematicians, engineers, physicists and computer scientists.
- Statistical Physics of Turbulent Flows, Exact and Numerical Solutions of Low Dimensional Systems, Open Quantum Systems, Novel Topological Phases of Matter and Physical Biology.
- Dynamical Systems and PDEs, Data Assimilation, Probability Theory and Geometry.
- Foundational issues in the Theory of Quantum Black Holes and Dualities in String Theory.

ICTS Programs, Discussion Meetings and Schools

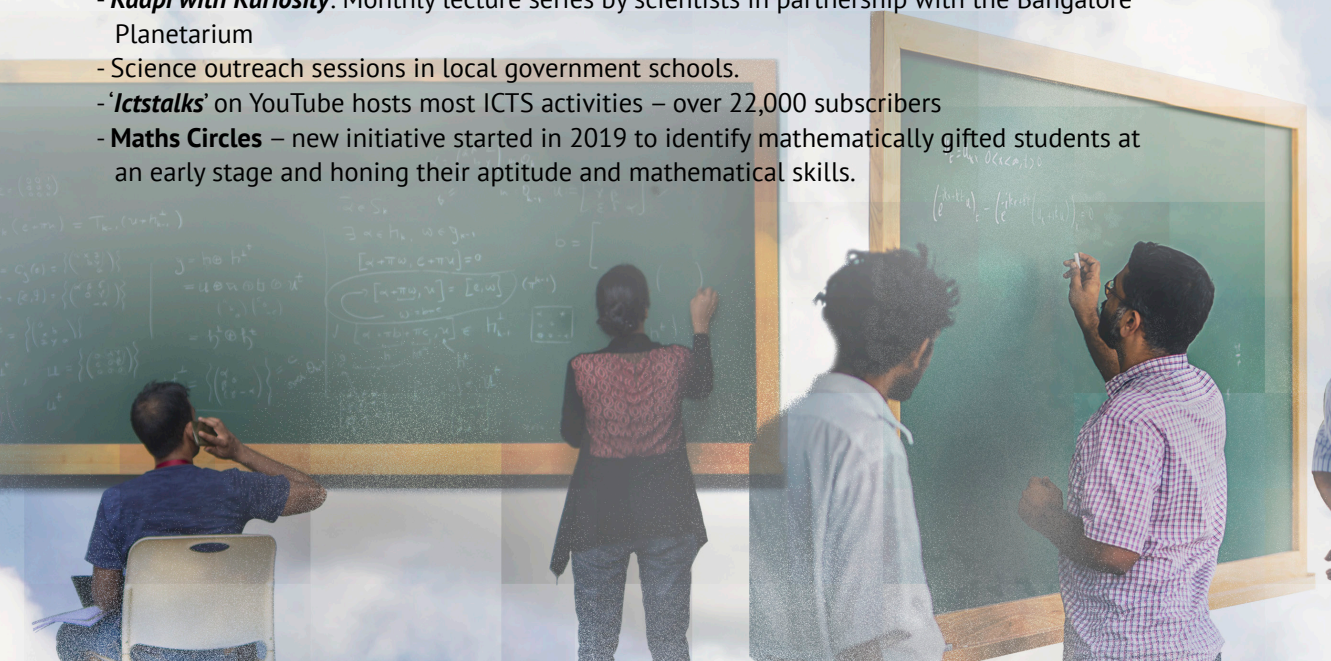
Programs bring together researchers and scientists from diverse and interdisciplinary domains such as neuroscientists, physicists, computer scientists, biologists, etc to collaborate on topics like Machine Learning, Future of Gravitational Waves etc.

- over **230 programs** so far
- approx. **15,000 participants** (30% from abroad)
- currently **30 programs annually**
- approx. **2000 participants per year** (above 50% junior researchers)

ICTS Science Outreach

ICTS has one of the most vigorous science outreach programs for an institution of its size.

- **Kaapi with Curiosity:** Monthly lecture series by scientists in partnership with the Bangalore Planetarium
- Science outreach sessions in local government schools.
- **'Ictstalks'** on YouTube hosts most ICTS activities – over 22,000 subscribers
- **Maths Circles** – new initiative started in 2019 to identify mathematically gifted students at an early stage and honing their aptitude and mathematical skills.



ICTS Million Dollar Drive

Where your gift will make a real difference

Research

TWO Chair Professorships

\$60,000 per Chair per year

TWO Visiting Chair Professorships for 'Paired Research'

\$60,000 per Chair per year

THREE Early Career Fellowships

\$15,000 per fellowship per year

TEN Undergraduate Fellowships

\$7,000 per fellowship per year

Outreach

Kaapi with Kuriosity

\$20,000 per year

Maths Circles

\$5000 per year

Science Outreach in Schools

\$5000 per year

Chair for Science Popularization

\$30,000 per year

Programs

THREE Faculty Research Collaborations

\$8,000 per collaboration per year

Thematic Research Programs (eg. on the Indian monsoon, Data Science etc)

\$30,000 per program

Infrastructure & Facilities

Computing Resources

\$70,000 per year

Library and Scientific Information Resources

\$30,000 per year

Visit www.icts.res.in/support/endowment



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International Centre for Theoretical Sciences (ICTS-TIFR) is a Centre of the Tata Institute of Fundamental Research (TIFR), an autonomous institute under the aegis of the DAE, Government of India.

All donations received within India are eligible for 100% deduction under Section 80G of the Income Tax Act.

For international foundations, ICTS-TIFR is registered under the Foreign Contribution Regulation Act (FCRA) and is certified as equivalent to a U.S. public charity.

All individual donations received from the US are eligible for tax exemption under 501(c)(3).

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