

INDIAN INSTITUTE OF SCIENCE (IISc)



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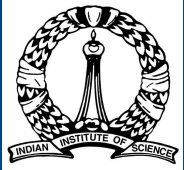
<https://oir.iisc.ac.in>

- Origins/Brief Overview of IISc
- IISc Ph.D. Program - brief overview
- Eligibility - Interviews - Admission
- Stipend/Scholarship/Fees
- After Ph.D.

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- Inputs/Slides from Prof. Anurag Kumar
- Office of Communications, IISc, Bangalore
- Dr. Amita Sneh (International Relations Officer)
- Dr. Rashda Zafar (International Student Advisor)

ORIGINS



Established in 1909

Government
of India



Maharaja of
Mysore



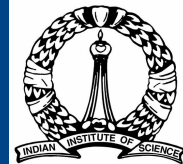
Jamsetji N.
Tata

Higher education and research *in science and in engineering*

First two departments: Chemistry and Electrotechnology

First batch of students admitted in 1911

IISc TODAY: NUMBERS



42 DEPARTMENTS &
CENTRES

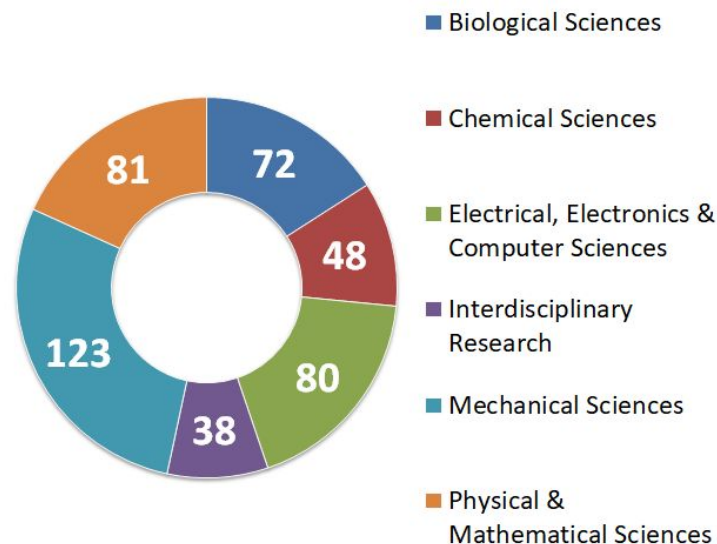
510 ACADEMIC (442) +
SCIENTIFIC STAFF (68)

4186 STUDENTS
2688 PhD/Int. PhD
1134 in Sci + 1554 in Engg

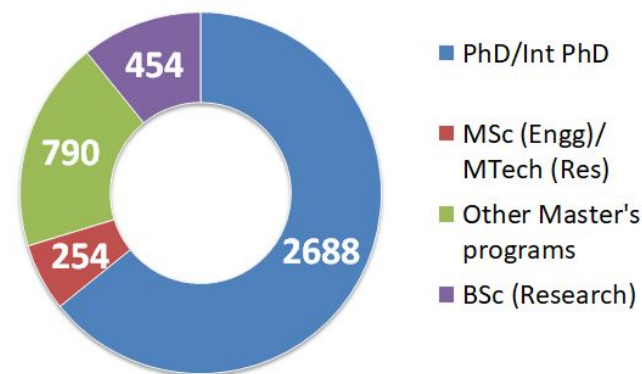
13,000 PUBLICATIONS
in the last 5 years

No.1
in the country
in research performance

ACADEMIC FACULTY MEMBERS

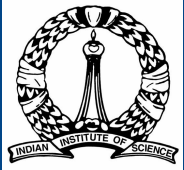


STUDENTS ON ROLL



Data: December 2019

RANKINGS



#1 university (2016, 2017, 2018, 2019, 2020)

#1 institute overall (2017, 2018), **#2** (2019, 2020)



#301-350 (2020)

#91-100 in World Reputation Rankings (2018) -
only Indian inst. in top 100

#14 in Emerging Economies (2019)

16 in Emerging Economies (2020)



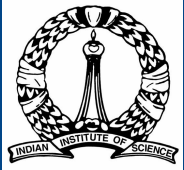
#184 (2020)

#2 in citations per faculty (2020)

Selected by Government of India as an **Institution of Eminence (IoE)** in July 2018

Will provide more autonomy in academic programs

**Rs. 1000 crores (~US \$150 million) additional funding over 5 years,
as a matching grant**



A Comprehensive University for Science and Engineering



6 Divisions, 42 Departments/Centres

WORLD-CLASS FACILITIES



“SahasraT”

(Petaflop compute performance)

Applications of national relevance in materials research, weather forecasting, aircraft design, astrophysics, energy research and drug discovery



National Nanofabrication & Characterization Facility

(housed in the Centre for Nano Science and Engineering)

Sophisticated Analytical Instruments Facility

(DST supported National NMR facility)



National Facility for Analytical Electron Microscopy

Advanced Facility for Microscopy & Microanalysis

(includes India's only submicron X Ray CT facility with nanoscale resolution)



- Flagship program of IISc
- 70% of students are enrolled in Ph.D. program
- Offered in Faculty of Science and Faculty of Engineering
- Faculty of Engineering
 - Direct Ph.D.: Joining with B.E./B.Tech./M.Sc. (after 10+2+4/5)
 - Regular Ph.D.: Joining with M.S./M.E./M.Tech.

- Structure of Ph.D. program
 - Within 1-1.5 years: Research Training Program (RTP): minimum of 12 credits (~ 4 courses) and maximum of 28 credits (~8 courses)
 - Within 2 years: Comprehensive exam
 - Passed for PhD candidature/downgraded for masters program/termination
 - Within 5 years: Thesis colloquium and thesis submission
 - Thesis examination/Defense
- Average Time of Completion: 5 years
 - Minimum Residency: 2 years

- Eligibility (International Students)
 - Should hold an non-Indian passport (should NOT be an OCI card holder)
 - Should have completed minimum of 10+2+4 years of formal education
 - Education should have been in the medium of English
- Desirable
 - have at least one valid Standard Test (GRE/GRE Subject/GATE) score

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Application Process



- Website: <https://admissions.iisc.ac.in/international/>
- Register with your email (preferably gmail) address and a password to start the online application process by creating a new user account. Email ID used to register cannot be changed later. Detailed instructions are available in the [document](#).
- Log in to the [website](#) to fill the application form.
- You will need information about/from the following documents, so have them handy:
 - 1.Certificate/Mark sheets of: High School, Undergraduate Degree or Postgraduate Degree. Details (Registration/Roll Numbers, Paper Code and Score etc.) of GRE/advanced GRE/IELTS/TOEFL/GATE (if applicable)
 2. A scanned image of your passport size photograph. (to be uploaded)
 3. A scanned image of your passport front and back page. (to be uploaded)
 4. A scanned image of consolidated marks/ degree certificate of the latest degree. (to be uploaded)
- *All the documents to be uploaded in jpeg, gif, tiff, png or pdf

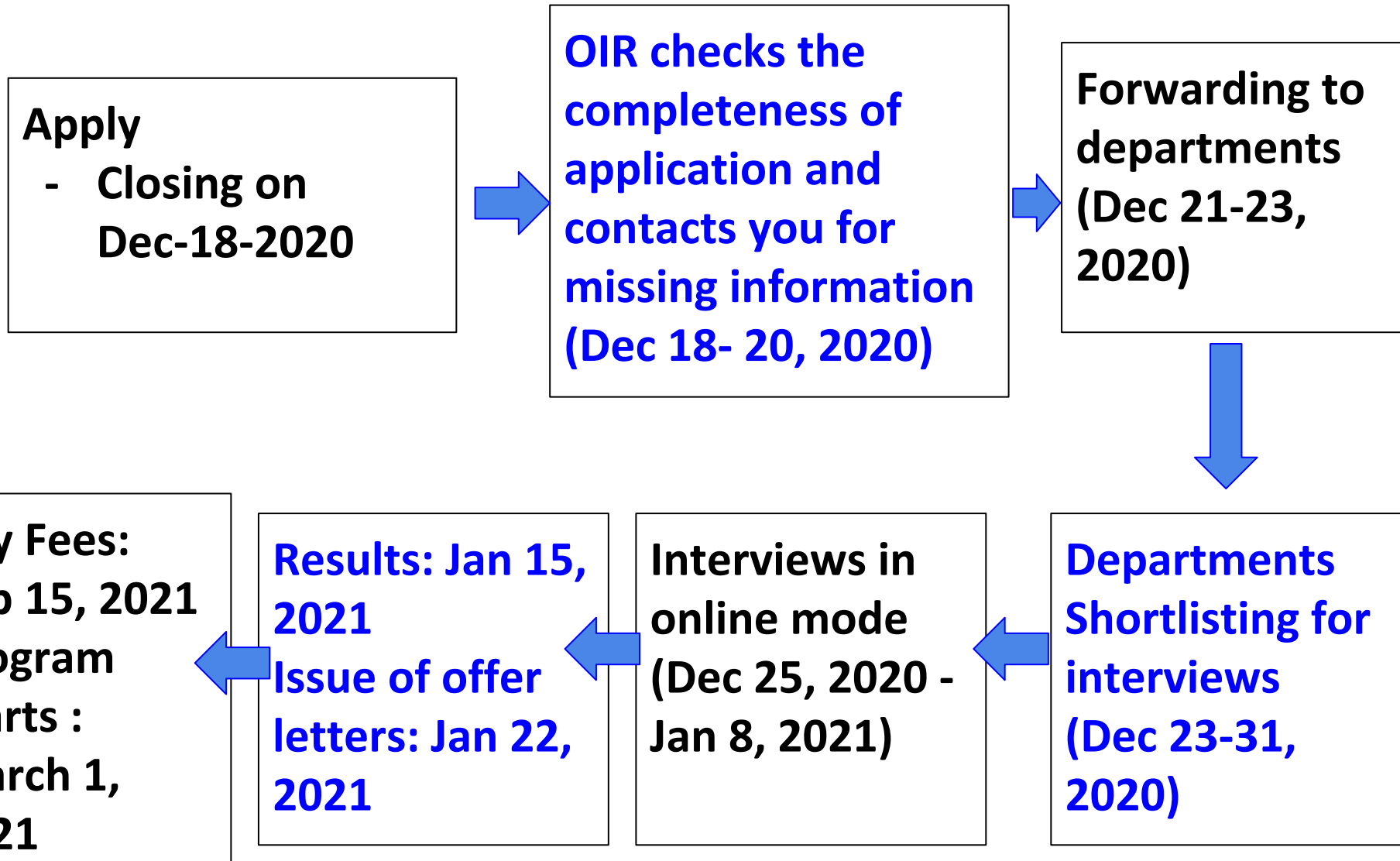
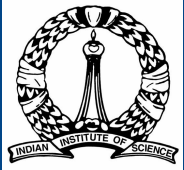
Important Dates

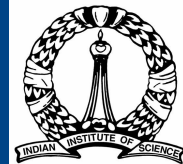


- Applications opening date: November 02, 2020
- Applications closing date: December 18, 2020 by 11:59 PM IST
- Interview dates: December 25, 2020-January 08, 2021
- Declaration of Results: January 15, 2021
- Start date of the Program: March 01, 2021

For any queries, please contact: admission.oir@iisc.ac.in

Admission Process (Tentative)





Applicable Fees

Fee structure (INR per annum)

Regular Students

Sponsored Students

Particulars	Ph D	MTech (Res)	Int. Ph D	MTech/ MDes	M.Mgt	M Tech
Tuition Fee (Annual)	15,000	9,000	9,000	9,000	1,00,000	14,000
Gymkhana Fee (Annual)	1,200	1,200	1,200	1,200	1,200	1,200
Other Academic Fees (Annual)	3,700	3,700	3,700	3,700	50,000	3,700
Statutory Deposit (Refundable)*	7,500	7,500	7,500	7,500	7,500	7,500
Library Deposit (Refundable)*	7,500	7,500	7,500	7,500	7,500	7,500
Students Emergency Fund (Annual)	300	300	300	300	300	300
TOTAL	35,200	29,200	29,200**	29,200	166,500	34,200

*

Hostel Fees: INR 45,000/-*

*subjected to variation

Ph.D. Scholarship/Stipend



- All Ph.D. students receive Rs. 31,000/- per month in the first two years (Rs. 35,000/- per month from third year till the end of fifth year)
- **TATA INTERNATIONAL RESEARCH FELLOWSHIP**
(very competitive)
 - **Two per year**
 - **Rs. 70,000/- per month**

What Departments to apply?

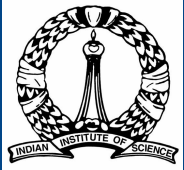


- Depending on your qualifying degree
- Check here:

<https://www.iisc.ac.in/admissions/research-programmes/>

- Which Research Advisor
 - Depends on department policy

After PhD?



- Academic Job (be a professor)
- Industry Job
- Join a service (Government job)

IISc Placement Cell: OCCAP

- Provides opportunities for internships during Ph.D.
- Placement service after Ph.D.

e-mail: admission.oir@iisc.ac.in

Thank You

Questions?

