IIID

INDRAPRASTHA INSTITUTE *of*
INFORMATION TECHNOLOGY
DELHI

Tenure Track Faculty Positions
Computational Biology
iiitd.ac.in/careers/faculty/2014

5 YEARS OF EXCELLENCE

IIIT-Delhi (www.iiitd.ac.in) is an autonomous institute created by Govt of Delhi with a mission to become a world class R&D led Institution in IT and allied areas. It offers one of the most vibrant and exciting academic environments in India and is an ideal place for a young researcher who wishes to work in India in these exciting times. It has recruited over 40 faculty members in 5 years, mostly holding PhD from US and Europe, and has built strong research groups in areas like Security, Biometrics, Mobile Computing, and Data Management. The Institute has a group in Computational Biology, which it aims to strengthen in the next two years.

How to Apply?

For applying, send an email with your CV along with names of at least three references, a research statement, and a teaching statement indicating the core and advanced courses of interest to: **faculty-applications@iiitd.ac.in**
Please put the subject as "Faculty position in CB at IIIT-Delhi". For further information about vision and plans for the group, please contact Prof. Srinivas Aluru, Mentor and Adviser for the group.

Areas of Interest

The institute is building a strong research group in Computational Biology which can become the leading group in the country, and perhaps evolve into a Center later. The group is being mentored and advised by Prof. Srinivas Aluru of Georgia Institute of Technology, and already has some fine faculty. To expand further, the Institute is looking for tenure-track faculty in diverse areas of Computational Biology that broadly includes bioinformatics, computational and functional genomics, metagenomics, systems biology and stochastics, algorithms in molecular biology, quantitative genetics, Biostatistics/biomedical statistics, structural biology and personalized medicine.

The ideal candidates that we look for is the one who is theoretically inclined and have strong interest in applying mathematical, statistical, algorithmic and programming skills to understand small and large scale biological systems. Candidates must have demonstrated to carry out independent research and have a good track record of publishing in high impact factor journals of international standing.

Research, Innovation, and Development

The Institute puts strong emphasis on research, innovation and development to create impact through published papers, projects, and technology development. It strongly focuses on graduate education via the PhD program (various policies to attract PhD students have already yielded nearly 70 scholars in four years). It also extends significant support for initial career development via initiation research grant, support for international conference travel, professional society membership, and encouragement of continuing collaborations with foreign partner institutions (with options for short-term leave support). It has implemented systems of yearly appraisal/feedback and a tenure process to help faculty members aim high and create an institute whose reputation is benchmarked against international standards.

Education

The institute also aims to provide excellent education. The BTech (CS & ECE) Program has many innovative concepts like starting with the CS & ECE courses, allowing long duration projects, streams providing limited specializations in CS/ECE as well as interdisciplinary areas, etc. In the MTech program, it has both thesis and non-thesis options, and possibility of specialization in areas like Security, Data Management, etc.

The Institute plans to start from 2014 a Masters and PhD program in Computational Biology, as well as a minor for CSE and ECE undergraduate students. in Monsoon, 2014.

Compensation and Quality of Life

The institute provides a compensation (CTC) of over ₹ 1.40 lac/month for a starting Asst. Prof., and allows a faculty member to supplement it through research grants, summer sabbaticals in R&D labs/companies, consultancy, etc. We are in our brand new campus at Okhla, with a Metro station within ½ km, with modern, good quality and spacious accommodation for faculty.

Eligibility

The ideal candidate will have a PhD from a top Institution in India or abroad, perhaps some post doc experience, good research and publication track record, and show future potential.

We seek candidates grounded in some of the core areas of Computational Biology, who are driven by emerging systems applications, have the capability to independently drive a research program, and provide innovation and quality teaching at both the undergraduate and graduate levels.

Important Dates

1. **For applying**: Anytime (till **April 15** for next round of Interview)
2. **Seminars:** On a mutually convenient date
3. **Interaction with Selection Committee**: Held regularly (next is in **March-May 2014**)