# Faculty Position in Bioinformatics/Genome Informatics at the Bio-IT Centre of IBAB

IBAB seeks to appoint a faculty in the area of bioinformatics with a focus on genome informatics and quantitative genomics at its Bio-IT Centre. Ideally the candidate should have strong research programmes in quantitative genetics/genomics, epigenomics, transcriptomics, genome informatics. Selected candidate will work with diverse genomic data sets including but not limited to human diseases such as cancer, obesity, diabetes, metabolic and immune disorders, and play a critical role in the development of personalized and predictive medicine in these disease areas. The selected candidate will also take part in providing training and service in genomic data analysis to the user community. The position is funded by a core grant from the Government of Karnataka for a period of 5 years.

**Responsibilities:** Primary responsibilities: (i) Develop strong, extramurally funded and collaborative research programmes in genomics/genome informatics, (ii) Conduct/support training programmes and workshops for students, researchers in genomic data analysis, (iii) Provide service in data analysis, (iv) Teach relevant subjects in educational programmes of IBAB and (v) Share other responsibilities of institutional activities.

**Qualifications**
- Ph.D. in a scientific area relevant to Bioinformatics
- Minimum 5 years of appropriate post-doctoral/industrial experience
- Strong publication record in disciplines related to the position
- Experience in scripting and implementation of algorithms in programing languages including C/C++, Python, Java, R, etc.
- Good experience in the use of NGS analysis tools
- Good grasp of algorithms in bioinformatics
- Experience in UNIX/LINUX computing systems and relational databases
- Potential to initiate and sustain a strong externally funded research programme
- Ability to communicate effectively with multiple audiences
- Evidence of commitment to teaching and training

**Remuneration:** Remuneration will be commensurate with expertise and experience.

**How to apply:** Interested applicants can send their CV along with a cover letter and brief description of research programme they would like to initiate at IBAB to **The Director**, IBAB by e-mail (careers@ibab.ac.in). Last date for submission of application is **30 September 2017**. Short-listed candidates would be called for a presentation of their research programme, followed by a personal interview. Applicants should share their proposed research programmes, and also proposed date of joining and start of the activities.

**About Bio-IT Centre:** The Bio-IT research and training centre (Bio-IT Centre) has been established at IBAB in 2010 under a public–private partnership with grant-in-aid from the DeitY, Government of India and the Department of IT, BT and S&T, Government of Karnataka. Bio-IT Centre has state-of-art facility for NGS with the high throughput sequencer Hi Seq 2500, Hi-Scan (Illumina bead-array) for genotyping and Ion-torrent and other accessories such as Qubit, C-bot, Covaris, Tape-station, etc. for processing DNA and RNA samples. IBAB has recently taken full charge of the Centre and its operations.

**About IBAB:** The Institute of Bioinformatics and Applied Biotechnology (IBAB) is a unique institute engaged in education, research and entrepreneur support programmes and is based at Electronic City, Bengaluru. IBAB's mission is to catalyse the growth of the biotechnology and bioinformatics industries in India. IBAB offers a distinctive master's degree programme with dual specialization in bioinformatics and applied biotechnology, and an interdisciplinary Ph.D. programme. The institute has strong research programmes in various disciplines as evidenced by the publication track record of the faculty. It has excellent infrastructure and environment suitable for advanced research. For more details, please visit **www.ibab.ac.in**