

INDO-KOREA SCIENCE AND TECHNOLOGY CENTER

Post-Doctoral Position

Indo-Korea Science and Technology (IKST) Centre, located at Bengaluru, is the Indian branch of Korea Institute of Science and Technology (KIST), Seoul, funded by Government of Korea. IKST was established in 2010 and is responsible for promoting collaboration between Indian and Korean research scientists and Institutes to work on problems of common interest and develop new technologies. Computational material science and data analytics (machine learning) are the areas of current interest for IKST, and topics of active collaboration with researchers in Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), Bengaluru and IIT Bhubaneswar.

Apart from collaborative research program, IKST also has a small internal R&D team working in the area of Computational Material Science and Computer Vision. Most of the material science work involves quantum calculations (based on density functional theory) or multi-scale simulations for diverse systems that includes catalysts, III-V semiconductors, and structural materials.

As part of expanding the research team, we have immediate opening for post-doctoral research fellows in the following two areas:

- ❑ Semiconductors - the candidate should have background in density functional theory (DFT) based calculations, analyzing band structure and calculating relevant electronic properties of the system. Candidate should also be aware of the state-of-the-art methods and techniques specific for semiconductors. The candidate will work closely with KIST researcher in the area of III-V semiconductors. The candidate should have a Ph.D. degree in Physics/Chemistry/Material Science (candidates who have submitted the thesis may also be considered).

Candidates for the above position is expected to have strong verbal and written communications skills, with good track record of scientific publications in reputed peer-reviewed journals.

Interested candidates can write, along with their CV, to: careers@ikst.res.in

To know more about us, visit: eng.kist.re.kr/kist_eng/main/, www.ikst.res.in