

IIT-K, Moser Baer deal for green energy technology

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Technology and electronics manufacturer Moser Baer India (MBI) has joined hands with the Indian Institute of Technology, Kanpur (IIT-K) to institute a research & development programme in advanced clean energy technologies.

The project will focus on efficient energy generation using solar photovoltaic and organic solid state lighting.

While, the research will be conducted at IIT-K, MBI will extend a fund of ₹25 lakh annually towards the initiative. A memorandum of understanding (MoU) was signed between Moser Baer and IIT-K recently.

IIT-K faculty and students have research partnerships with international companies, including Chevron, Intel, Boeing.

"Our joint research programmes in solar photovoltaic and solid state lighting technologies will be relevant to India's future energy needs in grid-connected and off-grid segments," MBI group chief technology officer G Rajeswaran said Moser Baer said.

IIT-K Director Sanjay G Dhande said scientists and technologists drawn from various disciplines at the Institute would support the collaborative works with Moser Baer.

"It is time that Indian institutions and companies joined hands for developing innovative ideas which are converted into successful economic ventures," he said.

IIT-K has established a centre for research on Organic Electronics and Large Area Electronics, a knowledge area, which continues to evolve globally.

"The centre, which is well supported by government funding, will endeavour to bring industry-academia-government on one platform towards a common goal to develop inexpen-

sive, clean and green technologies for the country's energy needs," Dhande said.

Organic photovoltaic (OPV) technology is an important research area for harnessing solar energy, especially for low-cost power generation. This is particularly beneficial for smaller size, off-grid applications. MBI has diversification in areas like blank optical media, solar photovoltaic, home entertainment and IT peripherals & consumer electronics.

IIT-K is engaged in carrying out cutting edge research and technology development since its inception in 1960. It awards bachelors, masters and doctoral degrees in various branches of technology and science.

