

Press release

IIT Dharwad permanent campus project declared First Runner Up in Exemplary Performance Awards by GRIHA under Passive Architecture Design Category



IIT Dharwad is building a green and smart eco-friendly permanent campus. Energy Consumption is being minimized by designing buildings to minimize air-conditioning requirements and maximize daylight with use of solar passive architecture, effective insulation, effective use of glass, shading devices etc. The lighting loads are further decreased by use of energy efficient light fixtures both inside and outside buildings. The minimum efficiencies of utility equipment are chosen and designed to comply with ECBC 2017 standards. Timers are planned for outdoor lighting to optimize lighting power. It is proposed to provide shuttle service onsite. Electric charging stations are planned for cars & two-wheelers. Total solar PV installation is set at a target of approx. 3.5 MWp from 100% building rooftops, surface parking covers & campus boundary. The entire solar plant installation/commissioning will be under the RESCO model.

Based on the above, Compliance Design Basis Document was submitted to GRIHA Council for consideration of Exemplary Performance Award under the category of Passive Architecture Design in October 2021. Mrs Mala Singh (Founder and Director) of M/S PEC Solutions Green Designs Pvt Ltd is the associated consultant for GRIHA Certification of IIT Dharwad Project- Phase-1A development. The jury constituted by the GRIHA Council selected the entry of IIT Dharwad under the category of 4-star Large Development Project for Passive Architectural Design as the First Runners Up among the several nominations received.



At a formal function organised by the GRIHA Council held on 10th December 2021 at New Delhi, the Award was received by Prof. P. Seshu, Director and Prof. Nagesh R. Iyer, Dean(IPS) from Shri Bhupender Yadav, Hon'ble Minister for Environment, Forest & Climate Change, who was the Chief Guest.