

## Harnessing Green Energy - Solar Panels



Smt.Kapila Khandvala College has been promoting and practicing environment conservation and sustainability in all its practices. As a part of its endeavor in this direction the college has taken a big leap by shifting from conventional energy to solar energy use, by installing a roof top solar power generation plant at its premises. The college is the first institution in Mumbai to have received the funding from UGC.

As a part of the allocation under the additional grants of the XIIth plan the college faculty proposed the installation of a solar generation unit. This was due to the firm belief that going solar was not so much a choice but inevitability for all institutions, with the increasing use of technology in education raising the demands for energy consumption on one hand and rising cost of conventional sources of energy on the other. By utilizing the large potential for solar energy, we believed as an institution we could drastically reduce our dependency on external power sources as well as its vulnerability to power cuts due to load shedding.

After calling for quotations from a number of solar generation unit providers and after a study of the same, Mahindra EPC Pvt Ltd. a part of Mahindra Partners was entrusted to set up the state of the art Solar Power roof top generation unit at KKCE. This solar power generation unit has a 15KW capacity and is capable of meeting the energy requirements to run the entire college . The unit has been commissioned in the month of November 2013 and has been generating to its capacity.

Thus KKCE has embarked on a journey of green energy production and utilisation and has taken measures to reduce its carbon footprints on the planet. We hope to inspire other institutions to emulate us and join hands with us in this noble cause of protecting our planet.

