

# Smart move to save power

## OUR CORRESPONDENT

**Bhubaneswar, Aug. 3:** Smart Grid, a new concept of electricity generation and distribution technology, can ensure greater consumer participation in the future.

Through distributed or local power generation consumers will get an opportunity to reduce their electricity bill by sending back the home grown electricity to the local power distribution company.

"The Smart Grid concept has a two-way digital system that can ensure judicious use of power at the consumer-level, taking into account the power generated by consumers through small grids at their end i.e. from alternative sources like solar, wind, tidal and biomass," said Prof. R.K. Dash, Director Research and Consultancy, Siksha O Anusandhan (SOA) University today, while delivering a talk called Grid of the Future: Smart Grid.

Prof. Dash was speaking at the inaugural session of the three-day Fifth National Symposium on Frontiers of Engineering (NatFOE-5) by the In-

dian National Academy of Engineering at SOA varsity here.

"The concept of Smart Grid is good for development as it can ensure creation of more job opportunities. It also helps resolve the looming requirements for additional energy and the need for new centralised generation and transmission assets. It reduces emissions of carbon dioxide through increased use of renewable energy sources," he said.

He added that apart from the themes like the social importance of smart grids, the NatFOE-5 will also discuss subjects like material science, signal and image processing, intelligent computing, sensor networks and bio-medical signal and image processing.

Former vice-chancellor of Biju Patnaik University of Technology, Prof. Omkar Nath Mohanty, director IIT Kharapur, Prof. Damodar Acharya, SOA University deputy chairman, B.K. Sarap, dean (Academic Affairs) IIT Bhubaneswar Prof. Ganapati Panda and head, Infosys, Bhubaneswar Abhijit Sen also attended the inauguration.