

**Collaboration Between  
Energy Research Centre, CIIT Lahore  
and  
Pakistan Council of Renewable Energy Technologies (PCRET), Islamabad**

Mr. Khalid Saeed, Head Energy Research Centre welcomed the Director General PCRET and thanked him for sparing time to visit Energy Research Centre, CIIT Lahore. He told that this meeting has been arranged on DG PCRET and Rector COMSATS initiative to develop collaboration between the two organization for undertaking joint research projects on Renewable Energy Technologies and promote these RE systems /products in the country. He also briefly explained the establishment of Energy Research Center, its objectives and research activities being planned for the center.

1. Director General PCRET apprised the meeting about the mandate, achievements and expertise of PCRET. He said that there is wide scope for development and utilization of solar, biomass, biogas, wind and micro hydel energy in Pakistan. Since many RE technologies are mature and cost effective, therefore, may be promoted through collaborative effort by PCRET and ERC. He also mentioned the renewable energy technologies and products /systems which can be developed and promoted jointly.
2. Dr Saleem Farooq Shoukat informed the house about the labs facilities, faculty staff and energy research projects i.e. Fuel cell, solar cell, plasma technology etc., in Physics Department. Dr Sobia told that Electrical Engineering Department is working on smart grids, energy efficiency, on line power monitoring and plan for enhancing the use of smart grids and energy efficiency measures including collaboration with the industry. It was proposed that students internship programs may be offered by both the organizations. Dr Robina told that Chemical Engineering Department is working on bio gas, biomass energy, bio fuel cells and they have the required faculty staff and labs facilities.
3. After deliberations on every aspect of RE Technologies and nature of collaboration the participants agreed to the following(s):.

1. Energy Research Center and Pakistan Council of Renewable Energy Technologies shall collaborate to work on research, development and commercialization of renewable energy technologies. In this regards an MoU shall be signed by both the organizations.
2. Experts groups from both the organizations shall be constituted to further deliberate and identify proposals and develop joint projects and their modalities in Bio gas, Biomass, Solar PV, Solar Thermal, Micro hydel.
3. PCRET shall provide renewable energy systems/models developed by the council to Energy Research Center CIIT Lahore for testing and hands on experience by research students.
4. Internships programs for COMSATS students shall be offered and students be allowed to work in labs of both organizations.
5. Joint workshops, Seminars and Conferences on RE technologies shall be held for training and awareness campaigns.



