

Universities have a key role to play in the process of socio-economic growth, as both a source of new knowledge and a trainer of scientists and engineers who work in industrial laboratories. Department of EEE is currently in the process of converting its existing 'Project Lab' into 'Advanced Project and Research Lab' so as to make it a center for advance research both for faculty members and students. With this regard, the department has already started the process of buying different cutting edge instruments which will help the faculties and students to conduct cutting edge research. The university authority already approved a budget of 43,00,000 taka to purchase equipment for the improvement of different laboratories. For example, department of EEE has already acquired a 3D printer with necessary materials to print. Department also takes initiatives and implemented a high level simulation laboratory with heavy duty computers along with software. Department also arranges project exhibition in collaboration with IEEE UAP student branch along with the other students to encourage them and have a vision to organize such fair nationally.

- **Policy and Program**

In addition to perform teaching responsibilities, faculties at the department EEE are engaged in various types of research activities based on their field of expertise. The results of which is clearly visible from the number of papers published in different reputed conferences proceedings and journals.

To facilitate more conducive research environment, the University of Asia Pacific has established the [Institute of Energy, Environment, Research and Development \(IEERD\)](#). The objective of IEERD is to undertake and promote research and teaching in the fields of energy with emphasis on new and renewable energy development, energy conservation and energy management, assessing quality of materials, environment, water resources, water management, development and to develop human resources in the relevant fields.

Under this institute, faculties receive fund for their innovative research program and also get financial support for completing the registration in a conference or seminar. Moreover, final year students are required to complete a project/thesis under the supervision of a departmental faculty member. Every student submitting their thesis report needs to appear before a board consisting of at least three senior faculty members where the student has to present their work. Besides, students are required to complete projects and make presentations as parts of various Theory/Sessional courses.

Innovative students irrespective of semester are allowed to perform research work in IEERD depending on the merit of research material which must be approved by IEERD Advisory Council. The IEERD bears the cost of publication fee of papers in peer reviewed Journals and Registration fee for attending or presenting paper in recognized conferences. Recently, IEERD has increased its budget for students to enhance the research initiatives from the students.

- **Fund and Facilities**

The central fund for research is dispersed via Energy, Environment, Research and Development (IEERD). Faculty members and students are always encouraged to submit their project to IEERD and after scrutinizing the merit of the proposal the project is allocated required money for the research. In addition, IEERD also provides funding in form of publication charge for publishing research article in reputed journal. Fund are also available for paying registration fee, transportation and accommodation cost required for presenting article in national and international journal.

In addition to the funding provided by the IEERD, the department also has its separate funds for faculties and student. Each year, all the final year students are eligible to get fund up to 20,000 taka and for special cases this grant can be extended to higher amount based on the merit of the work and recommendation from the committee. Moreover, additional funds are available for arranging seminar and workshops. Moreover, department also has fund for different clubs including project club and IEEE student branch which also arranges number of seminar and workshop around the year.

• Fund Hunting and Collection

It is already mentioned that faculties and students are eligible for funds from IEERD for their projects. Moreover, a number of faculties of the department are in active pursuit for fund from sources outside of the university. Even though currently the department does not have significant outside funding, several faculties and students received small amount of funding from outside source such as different NGO and industrial organizations. In addition, the university administration always encourages the students and faculties to arrange funds and conduct research using university resources.

• Dissemination of Research Findings

To disseminate the research findings, the department of EEE regularly arranges seminars and workshops to encourage students to be more engaged in research activities. Moreover, the university publishes a newsletter in regular interval which includes the news regarding research works such as publication of papers in reputed journals, receiving awards from different prestigious national or international entity .