 IoBM’s College of Engineering and Sciences (CES) with Dr. Syed Irfan Hyder as its Dean and Ms. Seema Ansari, Head of its Electrical Engineering Department, has been working unstintingly towards making engineering education in Pakistan an inspiring and relevant exercise for future engineers. According to IoBM Public Affairs, IoBM CES, in collaboration with Pakistan Engineering Council (PEC), held a “Workshop on Outcome-Based Education (OBE) System” titled “Improving Education Deliverance and Attainment Standards” at the Entrepreneurship and Management Excellence Center (EMEC) on Saturday, May 13, 2017.

At the IoBM Workshop on Outcome-Based Education (OBE) System, such specialized workshop speakers/trainers from the Electrical Engineering Department of Bahria University as Dr. Haroon Rasheed, Professor and HoD and Engr. Muhammad Khalid, Senior Assistant Professor highlighted the workshop with their illustrious presentations.

Mr. Talib Karim, Rector IoBM, graced the workshop with his inspiring presence and gave souvenirs on this occasion. Dr. Syed Irfan Hyder commended distinguished speakers/trainers for setting the stage for fresh ideas, insights and initiatives in Outcome-based Learning and requested participants to introduce them academically and professionally to add further value to the workshop. Ms. Seema Ansari, shared about Dr. Haroon Rasheed being her illustrious student at Dawood Engineering College, expressed gratitude to both speakers/trainers and all participants, especially including those from DHA Suffa University, Bahria University and Sir Syed University of Engineering and Technology.

In the first session of the workshop, Dr. Haroon Rasheed delved into such priorities of the OBE as Introduction to OBE System, Development of PEO (Program Educational Objectives), Development of PLO (Program Learning Outcomes), Moving from PLOs to CLOs (Course Learning Outcomes), Mapping of PLOs and CLOs and Bloom’s Taxonomy Lower and Higher Level. Top priority was attached to such aspects of learning outcomes as to comprehend, align and apply learning outcomes using the correct format. While focusing on the objectives and outcomes of motivation in outcome-based education, Dr. Haroon Rasheed emphasized on such education to be student-centric rather than teacher-centric.

In session two of the workshop featuring Engr. Muhammad Khalid presented the final points of CLO Development Techniques, Course Outlines with CLO Mapping, Quizzes, Assignments, Mid and Final Term Exam Mapping with CLOs, Final Result Development, Student Report Development summing up with CLO Evaluation Activity. It was left for suggestions: a graduate passing all CLOs but falling short in just one CLO need improving in it rather than totally failing and undoing the overall pass grade criteria!? It is imperative our youth understand the world they live in to positively alter their attitudes, values and perceptions to develop pertinent skills in order to contribute to their environment and communities productively. Outcome-based education, which is the need of the hour in principle and in practice, is an educational theory that bases each part of an educational system around goals or outcomes. In this regard, outcome-based methods have been adopted in education systems around the world, at multiple levels.