



## Capital University of Science and Technology

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### **Report on Half Day Seminar on HOUSE CONSTRUCTION FROM A NEW DIMENSION: Development and Engineering Evaluation of Recycled Plastic Building Products**

A half day seminar (i.e., 0.5 CPD activity) titled “House Construction From A New Dimension: Development and Engineering Evaluation of Recycled Plastic Building Products” was conducted under NRPU Project No. 16643 on April 21, 2025 at 04:00 PM in the conference room F-block. The Dean FoE office facilitated the registration of the seminar as a 0.5 CPD activity (recognized by Pakistan Engineering Council). The administrative and managerial support was provided for the conduct of seminar by the ORIC and Admin offices. The seminar commenced with the recitation of the Holy Quran and the national anthem, followed by a welcome address delivered by the Principal Investigator (PI), Engr. Prof. Dr. Majid Ali. In the first session, Engr. Prof. Dr. Majid Ali (PI) enlightened the audience with the details on HEC NRPU project and highlights of the previous seminar. The second session, led by Engr. Shehryar Ahmed (Research Associate on the NRPU project and PhD student) presented the development and engineering investigation of recycled plastic interlocking hollow blocks. In the third session, Engr. Aaroon Joshua Das talked on the manufacturing of plain rebars from recycled plastic, development of ribs on plain rebars and their engineering assessment. In the last session, Engr. Aaroon Joshua Das presented the development of corrugated tiles from recycled plastic and their testing results. The seminar concluded with closing remarks by Dr. Majid Ali, who expressed appreciation for the participants’ active engagement. An e-certificate distribution ceremony was held followed by dinner. The seminar officially concluded at 08:00 PM.





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