

MBM standing for Education for Technological Literacy and Inclusion now from Panaji

A Panaji based Architectural and Urban Planning Firm MBM Associates Planning and Sustaining Private Limited (MBM) has been the first Indian Company in its sector to be part of an European Union Project: E4TLI, which stands for "Education for Technological Literacy and Inclusion" is funded by the European Commission. Its main goal is to educate non-technological researchers from the partner institutions, their students, and society as a whole in enhancing their digital skills and capabilities while also bridging the digital divide.

In addition to the MBM Associates Planning and Sustaining Private Limited (MBM), the following partners are involved in the project: the University of the Basque Country (UPV/EHU), the Polytechnic Institute of Porto (IPP), The University of Navarra(UNAV), the Estonian Academy of Music and Theatre (EMTA) and Tajik State University of Commerce (TAJIK). These six institutions will conduct research on data science, augmented reality, virtual reality, cybersecurity, coding & Programming Software etc.

MBM researchers participating in the project include its founders Maria Belen Mendizabal, and Gayle G. Henriques along with Jency Johny and Shipra Sharma. MBM aims at being a leading business association providing architecture, infrastructure and planning professional services looking forward to ongoing innovation, progress and sustainable collaborates with various colleges with internship programmers such as School Planning and Architecture (New Delhi), School Planning and Architecture (Bhopal), Goa College of Architecture (Panaji), School of Planning and Architecture (Delhi) and Gateway College of Architecture and Design (Sonipat) and Acharya's NRV School of Architecture (Karnataka) in India to align students' work with the interests of cities.



MBM Representative among E4TLI Researchers in Guimaraes (Portugal) while attending a Seminar on Augmented and Virtual Reality

APPLICATION OF 4.0 TECHNOLOGIES

Apart from instructing members, students, mentors, and administrators without a technological background, the partners aim at gathering practical recommendations for the implementation of 4.0 Technologies within public administrations and private companies. These recommendations are intended for use within their respective professional environments. Moreover, the universities and institutions involved will disseminate knowledge about 4.0 Technologies among educational and non-technological training entities.

The main area of current research, where students and young professionals, guided by senior staff are involved is the area of learning the use and practical application in the field and relevant sectors of coding and programming software in order to identify areas of technology implementation, AI and robotics, and data analysis in traditional city planning and city management approach and maximize operational performance by harnessing technology to deliver urban services in an efficient manner and ensure that technologies can support the delivery of local and regional sustainability targets. MBM will apply the knowledge acquired of these Disruptive 4.0 Technologies to the internship's programmes conducted with local and international students. There is a specific synergy between MBM and UNAV as they can both benefit from the theoretical and practical complementarities on the Urban Planning field they both work. Similarly, MBM and UPV/EHU can complement each other in the field of Urban Economics.



Maria Belen Mendizabal from MBM along with Dr Beatriz Plaza , Project Leader and Maria Ines Pinho organizer of the E4TLI Virtual and Augmented Reality Event held in Porto from 4 to 6 October 2023