One Day Workshop on
"Scilab in collaboration with IIT Bombay" on
4th May 2019

Human Resourse Development Centre (HRDC), Integral University one of the Remote Centre of IIT Bombay organised a one day workshop on Scilab on May 4, 2019, for faculty members from all domains (engineering, sciences), and polytechnic colleges, and PGT of schools, members of Integral University and institutes around the surrounding areas of the University.

The participants were invited for registration on NMEICT website (https://www.it.iitb.ac.in/nmeict/) by circulation of messages and notice. The workshop received overwhelming response and was conducted in hybrid mode with synchronous live interaction from experts at IIT Bombay, followed by demonstration and hands on session by workshop coordinators Mr. Anup K Sir baiya and Mr. Ranjan Kumar. The event started with welcome of participants by Remote center Coordinator Dr Satya Prakash Singh, followed by live interactive session with experts from IIT Bombay, lead by Prof. Kannan Moudgalya, Professor, Indian Institute of Technology Bombay. This was followed by post lunch session with hands on workshop where participants learnt that Scilab is a high-level, numerically oriented programming language. The language provides an interpreted programming environment, with matrices as the main data type. By using matrix-based computation, dynamic typing, and automatic memory management, many numerical problems may be expressed in a reduced number of code lines, as compared to similar solutions using traditional languages, such as Fortran, C, or C++. This allows users to rapidly construct models for a range of mathematical problems. While the language provides simple matrix operations such as multiplication, the Scilab package also provides a library of high-level operations such as correlation and complex multidimensional arithmetic.

Workshop had total 44 participants from within and outside Integral University and institutes around the surrounding areas of the University.To keep the participants actively engaged and post workshop followup, a whatsapp group was created for all the participants and coordinators. In all 30 participants completed the workshop by passing the required activities and assignments.

Post workshop feedback was collected using online google form: https://forms.gle/GE8TPtCFHMohyT257

The responses were motivating and inspired HRDC us to conduct such workshops in future.