

Fabrication laboratory 'Sandbox' inaugurated

Vasco: Prof G Raghurama, director, BITS Pilani KK Birla Goa Campus inaugurated fabrication laboratory 'Sandbox' on Saturday.

The lab supports students to develop their innovative ideas into products. The knowledge acquired from class rooms and practical skill achieved through experiments can be made into new innovative products here. The initiative aims to motivate project based learning among students and provide opportunity to work with modern equipment.

In the lab, students will get access to work with basic workshop tools to the most advanced scientific instruments.

The 3D Printer, 3D Scanner and Laser Cutter are the major attractions of the lab. The lab inventory also has

advanced sensors, integrated chips, and prototyping boards.

The 3D Printer in the lab can manufacture objects using computer drawings and 3D Scanner can convert real objects in to computer designs. The Laser cutter can engrave and slice wood, glass and different polymers. Highly precise cutting and measuring tools are also available in the Lab.

"Sandbox" offers the facility to do projects in all science and engineering disciplines and opens the window for students to work inter-disciplinary. The lab will be opened 24X7 for students.

A team including faculties as well as students is formed to oversee functioning of the lab, to mentor students on the use of equipment and to guide their projects.



Prof G Raghurama cuts the ribbon to mark the inauguration of fabrication laboratory 'Sandbox' at BITS Pilani KK Birla Goa campus on Saturday.