AGRICULTURE:

Agriculture is the backbone of our economy. Growing demand of innovative and improvised methodologies in the agricultural sector has fostered the production yield of our country. Our incubation centre offers unparalleled technical and business mentorship, network of industry experts as well as access to government grants and funding platforms. We focus on building an ecosystem that incubates & nurtures innovation and entrepreneurship in agriculture. Our incubation programme provides ample opportunities to promote innovative agro-based start-ups and allow them to prove their mettle for setting up the Green Revolution 2.0 with their profound skills and technology.

HEALTHCARE:

The primary objective is to catalyse the transformation of the healthcare industry for accelerated and sustained growth, in order to captivate new business opportunities and markets, and to build solutions for real-world challenges. We focus to build a robust ecosystem to harness emerging technologies and nurture start-ups in the field of medical equipments and healthcare informatics. We promote and facilitate any start up willing to work for improvisation in medical facilities through automotive advance technologies. TBI assures and dispenses all possible certainties for the start-up to get a place to try out its new technology.

IoT:

IoT facilities in TBI VSSUT provide a wide range of skill development programs and hardware implementation guidance. Numerous modules and microcontrollers are provided in order to implement their knowledge. It helps gardening practical experience, which helps start-ups to know the exact demands in this sector. They are introduced to numerous communication methods and embedded systems, and get access to hands-on-sessions and workshops to upgrade their skills. They get full support and funds to prepare their own IoT based projects and convert them to complete products. They are motivated to pitch innovative solutions regarding problems which can be later modelled on this basis. In lieu of technical demands, we not only give access to instruments but also guide on how to implement it for solving problems. Due to the continuous efforts toward innovative creation, this facility is greatly admired.

SPACE:

The vision of this facility is to provide adequate knowledge about model rocketry and space innovation to the techno-enthusiasts. Under this facility, many model rockets have been launched year after year successfully which is acknowledged by both centre and the state. It showcases the creative side of the young entrepreneurs towards the development of space programme. With its guidance and instrument facilities, it is providing perfect platform to make space vehicles and satellites to observe various phenomena. With its overwhelming efforts and indomitable spirit, this facility has become an awe-inspiring focus for the start-ups in space sector.

BIOPROCESS LAB:

Bioprocess Lab provides facilities for research based on vital parts of biotechnology that deals with processes combining the complete living matter or its components with nutrients to make special chemicals, reagents, and bio-therapeutics, thus offering a conducive ecosystem to promote the innovation capacity of the start-ups. Equipped with hi-tech laboratory equipments, it provides ample opportunities for the innovative entrepreneurs to unravel the hidden world of bio-science and provides hands-on experience on industrial bioprocess systems.

R&D LAB FACILITY:

The efficacious R&D Lab facility provides platform for numerous R&D activities, with the vision to seek interest among students towards research and understanding technical instruments. It provides analytical instruments and facilities, which are freely accessed by students under the guidance of expert teachers and scientific personals. The budding start-ups are provided new and advanced instruments, along with efficient training and mentorship. Rendering technical support and promoting research culture has become its motto since it was established. Attired with resources and instruments, it has become a favourable perk for the growing start-ups.