

## The Genesis of Bhartiya Skill Development University Jaipur

India has the largest workforce in the age range below 35 years. This young workforce can be the biggest asset of the country if they are skilled properly. With this perspective, skill education is being given due importance for last few years. Different programs have been designed and implemented to upgrade the skills of Indian youth with varying success. Dr. Rajendra Kumar Joshi, mentor and Chairperson (Chancellor) of this University observed that several European countries such as Germany, Switzerland and Austria developed their economies with very low unemployment rate because of superior skill training available in these countries. With the urge to empower the Indian youth with Skill training, he conceptualized the Bhartiya Skill Development Campus in 2015 with Swiss Dual System of Skill Training.

Bhartiya Skill Development Campus (BSDC) was subsequently converted to Bhartiya Skill Development University (BSDU) through promulgation of an ordinance on 29 December 2016. The University was incorporated as an act, viz., The Bhartiya Skill Development University, Jaipur Act, 2017 (Act No. 3 of 2017) (Received the assent of the Governor on the 28<sup>th</sup> Day of March 2017) and notified vide Notification No. F.2(4) Vidhi/2017 dated 30<sup>th</sup> March, 2017. The University is working on the model of **Swiss Dual System of Training** with the concept of **One Machine—One Student**. It is committed to develop an efficient and flexible continuous evaluation system with emphasis on a high-quality skill learning process.

BSDU Model of Education is based on semester system and offers Certificate, Diploma, Advanced Diploma, Bachelor of Vocation (B.Voc), Master of Vocation (M.Voc) and Ph.D in various skill areas and the programs are in compliance with UGC Instructions for Vocational Programs and National Skills Qualifications Framework (NSQF) which is truly followed in letter and spirit. Multiple qualification packs (QP) pertaining to National Occupational Standards (NOS) have been embedded in the curriculum of all the B.Voc programs.

The programs of the University have two main components namely – Skill Component (roughly 60% of the content) and General Education Component (roughly 40% of the content). The students are assessed for these two components separately. The Skill Component is covered in two distinct forms. One is the hands on skills training in the state of the art workshops and laboratories in the University. The second is the hard core on-the-job training during the six-month industrial internship every alternate semester. A student thus spends 1<sup>st</sup>, 3<sup>rd</sup> and 5<sup>th</sup> semester in BSDU and 2<sup>nd</sup>, 4<sup>th</sup> and 6<sup>th</sup> semester in industry. The university allows multiple entry and exit options for the students. With such extensive skill training, the students become Industry-ready at every exit level.

To ensure proper delivery of the extensive training, the University follows 24 weeks-semester with over 800 hours contact per semester (as against 450 hours for normal BE/B.Tech. programs). The University has a rich pool of faculty members with faculty student ratio of 1:10 (as against 1:20 in Engineering Programs and 1:30 in Humanities Programs). The faculty comprises of Teachers and Trainers. The teachers are appointed as per the existing UGC guidelines with most of them possessing Ph.D. in relevant disciplines. A set of guidelines has been evolved for the qualifications of the trainers.

BSDU is emerging as the leader in imparting skill education in India and is extending help and cooperation to other Universities and Organizations interested in Skilling Indian youth force. In its brief journey of less than three years, BSDU has hosted several visitors who have expressed their pleasure and appreciation for the infrastructure and the model of education being followed in the University. These visitors include Smt. Vasundhara Raje, Former Chief Minister, Rajasthan, Mr. Rajiv Prasad Rudy, Former Union Minister of State, Skill Development and Entrepreneurship, Mr. Dharmendra Pradhan, Former Union Minister of State, Skill Development and Entrepreneurship, Mr. Ashok Chandna, Minister of State, Skill, Employment and Entrepreneurship, Govt. of Rajasthan, Prof. Anil D Sahasrabudhe, Chairman, AICTE, Prof. M P Poonia, Vice Chairman, AICTE, Dr. Andreas Baum, Ambassador of Switzerland, Yoshihiro Mineno, Senior Executive Officer, Daikin Industries Limited.

The University is undertaking this journey under the able leadership of Brig. (Dr.) Surjit S Pabla who administered the offices of Vice Chancellor of five Universities, out of which he was the founder Vice Chancellor for three of them including BSDU.