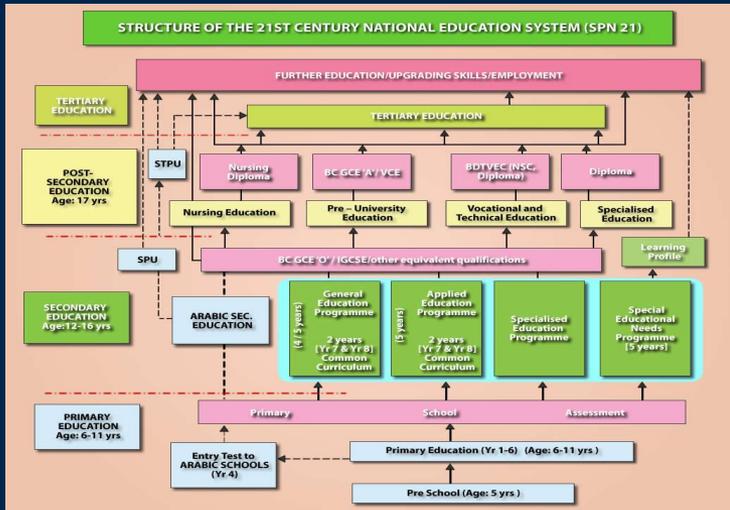


Technical and Vocational Education and Training in Brunei



Education Structure

SPN 21

SPN 21 is the acronym for Sistem Pendidikan Negara Abad Ke-21, The National Education System for the 21st Century. This system makes provision for several major educational changes (National Education System for the 21st Century, Ministry of Education, 2013)

SPN 21 aims to:

- Meet the social and economic challenges of the 21st Century
- Realise the Ministry of Education's vision and mission
- Equip students with 21st Century skills
- Fulfil Strategic Themes as outlined in the Ministry of Education Plan (2012-2017)

Institute of Brunei Technical Education

- Institute of Brunei Technical Education (IBTE), the recently transformed technical education, is one of the three pillars of SPN 21, the 21st Century National Education System that plays an integral role in complementing the schools and recognizes the diversity of talent and value in every individual especially to those who respond better in a more hands-on and practical teaching and learning environment. It is aimed to reposition Technical Education as a choice post-secondary education capable of producing highly skilled workforce in line with the needs of the industry (Transforming Technical and Vocational Education: White Paper, Ministry of Education, 2013).
- The new TVET system is constituted as a statutory board under the purview of the Ministry of Education. It is the principal provider of Technical and Vocational Education, including full-time courses, apprenticeships and part-time Continuing Education and Training (CET) in the country, and is the national agency for the development of occupational standards (Transforming Technical and Vocational Education: White Paper, Ministry of Education, 2013).

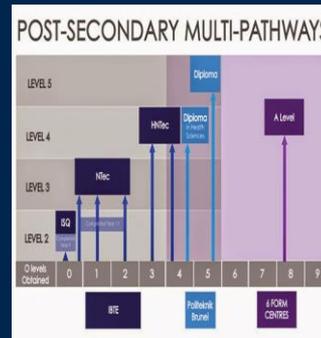
New Initiatives under IBTE

The new TVET system under IBTE offers two levels of programmes: the **NTec** (National Technical Education Certificate) and the **HNTec** (Higher National Technical Education Certificate), as shown in the figure.

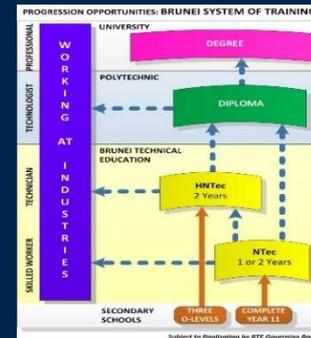


In the new Qualification Framework, the two levels of courses offered by IBTE will be based on completion of Year 11. Students with a minimum of 3 'O' levels are eligible to apply for HNTec courses which are more specialised (skilled workforce) than NTec courses, which are for basic skilled workforce. NTec level programmes are designed for students who have completed year 11, regardless of their results.

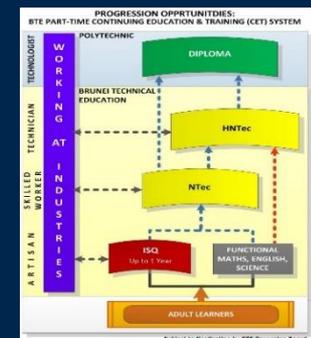
Another programme being introduced by the new TVET system is the **Industrial Skills Qualification (ISQ)** programme which is under Continuing Education and Training (CET) pathway. Introduced and conducted in collaboration with industries, ISQ is based on the needs and requirements of respective industries, that is expected to produce graduates that are ready for employment at artisan levels and will be trained for up to one year. The entry requirement for ISQ programmes include those that have attended at least 9 years of education and with the minimum age of 16 years old. (Upgrading Plan Brunei Technical Education 2013-2018, Ministry of Education, 2013).



Pathways in Post-secondary Education



Full-Time



CET

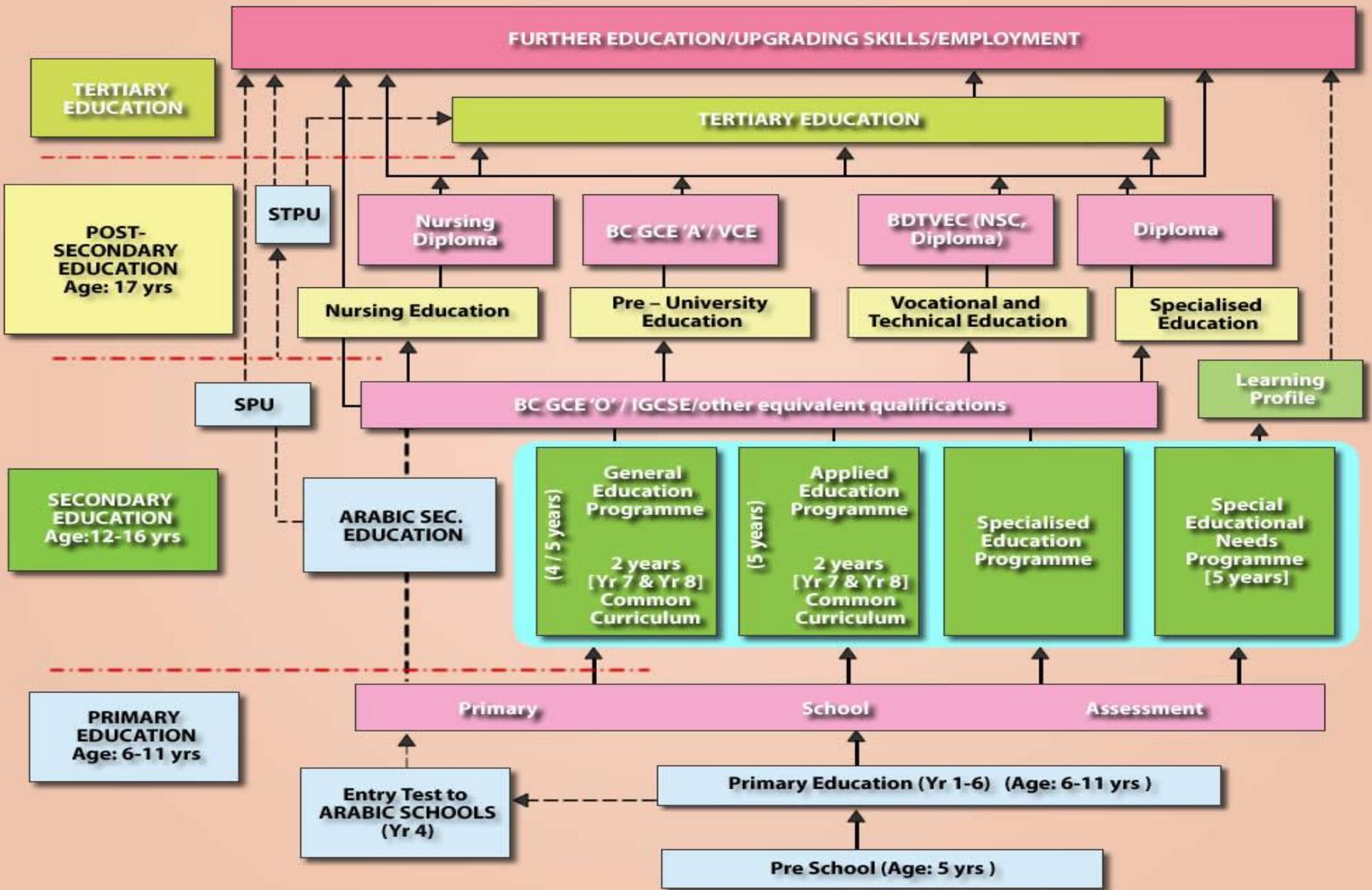
Issues and Challenges

- Maintaining relevancy of the curriculum
- Access, capacity, and quality
- Effectiveness of delivery
- Inculcate life-long learning skills
- Promote research and development
- Correspond well to the newly developed Brunei Darussalam Qualification Framework (BDQF)

Sources:

- Paryono, (2015), International Training Needs in SEA Region. SEAMEO VOCTECH
- DTE, (2013). Upgrading Plan for Technical Education, Brunei Darussalam 2013-2018

STRUCTURE OF THE 21ST CENTURY NATIONAL EDUCATION SYSTEM (SPN 21)



POST-SECONDARY MULTI-PATHWAYS

