

Background:

School Education Delegation to Australia (November 3-9, 2019)

- A 20-member high-powered delegation of top educationists and policy makers visited Sydney and Melbourne
- Visited both public and private schools with diverse models that mainstream vocational education, employ revolutionary teaching methods, ground-breaking curricula
- The 5 days visit was carefully planned to include visits to a wide range of institutions including State Education Depts, leading public and private schools, TVET institutions, Association of Independent Schools, Schools of Education of various Universities including DEAKIN, Western Sydney University and Melbourne University



Interaction with students of St.Mel's Catholic Primary School, Sydney



Interaction with the leadership of TAFE NSW



Interaction with Ms Sally Webster, Director, Business Systems at NSW Department of Education



Roundtable at the DEAKIN University on the changing landscape of education

STEM Strategy and Tech Schools: More investments towards funding students in disadvantaged schools and rural schools. Specialist training for teachers targeting year 7 and 8 students. Support professional development for teachers. As part of the Victorian Govt initiative on tech schools, building 10 new tech schools across the state and linking it to local industry, TAFE and University

Focused young leadership programs through immersions: With the aim to develop intercultural understanding, global citizenship, leadership and engagement with STEM through immersive learning

Women in School Leadership: Reciprocal professional development program for female principals in the State of Victoria and India is carried out to develop intercultural skills, leadership capacity and build long term partnerships between the two cohorts. An initiative that can be expanded both in terms of numbers and components

Victorian Certificate of Education (VCE): Provides high quality curriculum, assessment and reporting. It is a senior secondary qualification, completed over 2-3 years and is used to determine tertiary and further education entry and is eligible for Australian Tertiary Admission Rank. Countries such as China, Malaysia, Philippines etc. have this program running in some of their leading schools. In this model, VCE is delivered at the offshore school, supported by the Victorian school for professional development and provides quality assurance and oversight

Bastow Institute of Educational Leadership: Bastow delivers high-quality and evidence-based leadership professional learning to Victorian educators to improve student learning outcomes. Bastow is the professional learning arm of the Victorian Department of Education and Training (the Department). Opportunity to explore collaborations with the institute and Indian Counterparts can be tapped

Technical and Further Education (TAFE) NSW: TAFE NSW is Australia's largest vocational education and training provider, based in New South Wales. It is the leading provider of vocational education and training in Australia. Each year, more than 500,000 students enrol into nationally recognised courses and training. It provides a wide range of predominantly vocational courses, mostly qualifying courses under the National Training System/Australian Qualifications Framework/Australian Quality Training Framework. TAFE NSW works closely with global industry partners to deliver customised training that enhances productivity and success. From small businesses to multinational corporations and government agencies, TAFE NSW can provide quality training

for the whole workforce, from operational staff to senior management. An opportunity that India must seize for its bulging requirement for skilling workforce

Catholic Education Diocese of Parramatta: Catholic Education Diocese of Parramatta provides quality learning and teaching in a faith-centred environment in its 80 schools and five early learning centres in western Sydney. During our visit, using live data from 80 schools, they shared:

- What technology solutions they adopted and how they effectively use predictive data and intelligent analytics
- How outcomes are measured -enhance student learning and wellbeing, teacher and school performance
- Change management of digital transformation at school, resourcing and compliance

Something, every school in India whether public or private at district, state and national level must adopt.

Possible Areas of Collaboration between the Australian Govt. and FICCI

- Student Exchange Programmes/Global Immersion
- Faculty Development and Leadership Development
- Capacity building in Vocational Education (*Train the trainers*)
- Promoting Online Learning/ Distance Learning
- Joint research on Data Capturing on 'Future of Jobs'

Suggested Models

- ✓ **Student Exchange Programmes/Global Immersion**
 - This programme will aim to promote and strengthen the cooperation between higher education institutions in accordance with the purpose of improving quality in the internationalization process of the higher education system in both the countries (Study in India and Study in Australia)
 - FICCI to facilitate in bringing a cohort of Universities in Australia and India together
 - Every year partner institutions to cover two Sustainable Development Goals (SDG). Students and Faculty to select two areas of collaboration from the two SDGs.

✓ **Faculty Development and Leadership Development**

- Faculty Development Program and Leadership Development Program to help support the academia to deal with constantly changing technological advancements and be future ready. We aim to offer a centralized, cross discipline professional development program that facilitates and leverages industry partnerships to offer programming and training opportunities.

▪ **Broader Themes:**

Adapt Learning to the Global Needs: In line with the demands of the Global Knowledge Economy, proposed Capacity Building Program is expected to expose and empower the faculty members and the leadership with industry linked knowledge and dispositions related to new-age global innovation

Integrate labour market linked Pedagogy: Rapid expansion in HE, coupled with moderate growth in suitable employment opportunities, has resulted in considerable unemployment among recent graduates. Our program could aim to integrate 'industry need linked pedagogy' based on emerging job roles in India and Australia.

Promote effective and relevant research: The program could aim to promote empirical and data linked research ecosystem at the campuses through facilitating participating members with access to best practices

✓ **Capacity building in Vocational Education (*Train the trainers*)**

- In 2016-17, Australia's Technical and Further Education (TAFE) institutes conducted the third tranche of a program aimed at helping India upskill its vocational training leaders and support its target to train 400 million people by 2022.
 - It was designed to build the leadership and organisational capacity of Indian vocational training institutions.
 - Over 120 Indian leaders from community colleges, Pradhan Mantri Kaushal Kendras, industrial training institutes and polytechnics were part of the program.
 - The project also included a one-week professional development for up to 20 Indian leaders in Australian TAFE institutes in February 2017.
- FICCI can facilitate in implementing the same model. We can also work together on developing skills for international events like 'WorldSkills', starting from Schools itself.

- ✓ **Promoting Online Learning/ Distance Learning**
 - FICCI Future-x (concept note enclosed) platform could be a 'single point platform' for leading players in Australia and India to offer relevant online courses for students. There could be joint certification program.
 - Joint courses could also be developed to consider requirements for other international markets
 - Online Career Guidance programs through various online platforms

- ✓ **Joint Research on Data Capturing on Future of Jobs**
 - FICCI can take the lead in forming a consortium of Indian and Australian Institutions and Industry Players, which will undertake research projects on emerging technologies and their impact on institutions and labour market.