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**GC 2012-5660: INAE ACTIVITIES FOR PROMOTING INTERNATIONAL  
COLLABORATION IN S&T AND INNOVATION**

**Ms. Baldev Raj, Indian Society for Nondestructive Testing (GEEP)**

## **Nurturing Students for Next Generation Challenges**

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Next generation challenges are to improve sustainability and equity. The students need to be taught foundations of multidisciplinary science and technology, ethics and finer aspects of different cultures, in addition to improved curricula and innovative experimentation. Teachers and ecosystems of learning shall form the core resource to realise these objectives. It is clear that international collaborations, hybridising of digital and real life teachings forums to enable conceptualisation and implementation of changes shall foster changes and enhance successes. The paper discusses visualisation of changes and implementation strategies.