Institution Innovation Council (IIC)

Report on

India First Leadership Talk Series Episode 4

By

Prof. Anil D. Sahasrabudhe,
Chairman All India Council for Technical Education

On 22 April 2019

Organized

in collaboration with IIC MHRD

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MHRD'S INNOVATION CELL
(GOVERNMENT OF INDIA)
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Talk on Future of Technical Education in India

The resource person has an experience of 4 years and has developed AICTE positively with the enhancement in technical education. The reach towards higher education has been vast development both in government and private institutions. In this talk various questions were categorized such as importance of technical education, teacher training, infra structure, curriculum, emerging technology in pedagogy and innovation and start up. Firstly, the discussion started with the reports on unemployment, here there were several aspects what an employment actually need, and he explained details that 50% of our students are placed in industries due to their technical skills that means there are employable. Secondary smart India Hackthon has been introduced, was successful like students have challenged and given their ideas for solving the problems for industries governments. But for some industries their requirements have not been taught, in educational institutions the concepts, principles, fundamentals taught greater details and ability to learn on their own, lifelong learning these were introduced in the curriculum such their they will be more engage and will be more innovative then with the past employees.

From past 2 years the curriculum has been revised and modernized as according to 21 century with the help of IITs professors and Industries. Project based learning is part of model curriculum where the students earn 160 credits instead of 200 credits. In this, the students visit industries where a mandatory internship with credits to be earned, students goes to industries practices will learn and enhance their knowledge and held to resolve the industries problems. He also explain about Unnat Bharat Abhiyan where students goes to nearby villages (health care, agriculture, water resources) and with the help of technology how an intervene takes place in developing the villages. The examination reforms, which is blooms taxonomy, in which how the student will answer or describe applying, innovation etc. To transform culture they introduce workshops, development programs inculcating knowledge to transform in curriculum, teaching learning methodology. In technical education sector is teacher certification course which has 8 modules where the teacher go through gain knowledge and practices through one complete semester and is flip class room learning or blended learning.

The AICTE introduced teacher training manual, internship manual exam reform manual and student induction program. In accordance with this, he also mentioned how the education will enhance and introduce master courses, working in teams are very important learning during campus training. Workshops are organized to make the faculty learn new technology. Teachers need to be empowered; Teachers need to be constant learner first. Every college should have entrepreneur cell, students today have freedom of space to experiment with their ideas. India is progressing its rank at international global
The event was conducted in association with MHRD at the institute online and students attended the talk in various sections.