



AWARENESS IN ACTION

A Symposium on

Emerging Technologies:

Curriculum, Industry and Policy

- August 2, 2019, Friday
- UGC Auditorium, JNTUH

One of the fast-growing economies in the world, India has to face the challenge of keeping its growth story alive for the next few decades and yet meet the domestic social needs. One of the key areas that determine the future of such a growth story would be the quality of the technologically skilled manpower it can generate through its vast network of educational institutions. Undoubtedly, there is an ever-expanding higher education institution infrastructure in India. Nevertheless, there are two major problems. On the one side, technology higher education is unable to keep pace with the rapid developments at the global level in Science and technology R&D. In other words, the technological institutes seem to be slower in adapting themselves to the rapidly changing technological world and they appear to lack the futuristic vision. Consequently, the employability of this technologically skilled work force is under scanner. Second, there is serious doubt on the quality of the technological education. In this background, on the one hand, we have a vast infrastructural space for production of technologically skilled work force in the country but on the other hand, due to its low adaptability and quality, the utility of such work force is at stake.

This situation warrants building a climate of the cutting-edge

technology ecosystem. Further, we have to take stock of the situation of the existing state of Infrastructure and its future for the next 3 to 4 decades. It appears that such a status review is not fully available at hand today.

In order to respond to this crisis, **Awareness in Action (AiA)** has initiated a dialogue between various stakeholders in the technical education sector, Industry and the Research and development sectors through series of symposia titled “**Emerging Technologies**”. In the first symposium, we debated the future of ‘*Information technology and the allied service sector*’ then we continued the same dialogue by focusing our attention towards ‘*Manufacturing Industry*’ and then we assessed the potential in the ‘*Infrastructure*’, which includes a range of things from urban infrastructure to connectivity. Through the symposia, we have a status review of the emerging technologies in most of the domains of technological science today.

Awareness in Action (AiA) is a non-profit registered organisation, which is keen on achieving social transformation by bringing awareness and knowledge about our social world into action. From the past 16 years, awareness in action has been actively involved in bringing



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common people, experts, policymakers together to ensure that brilliant ideas are put to use for the betterment of the world. As a part of our ongoing initiative of bringing various stakeholders in different domains of society to see tangible outcomes for social change.

AiA wishes to continue this initiative to reflect on the existing technologies in India on a wider platform with all the available stakeholders i.e. core industry, manufacturing sector, academicians, students etc. Therefore, we now intend to continue this dialogue in order to communicate the real policy gaps and ground level initiatives required to the concerned stakeholders and the policymakers. Given the dire need of such a dialogue, the fourth part of the symposium titled **“Emerging Technologies: Curriculum, Industry and Policy”** is scheduled to be held at JNTUH, Hyderabad on **August 2, 2019, Friday**.

After a thorough review at this symposium, experts who were part of earlier symposia and representatives from the industry would reveal as to what is expected from technologically

trained manpower and how state agencies like AICTE to University and colleges can think of reorienting their curriculum in order to match the Industry demands.

The next step would be to seek a policy change that reduces the regulatory function of the state agencies on the curriculum of institution, move towards a higher autonomy to an academic institution and build a climate where there is the enriching and nurturing of Industry to Institution and vice versa relationship in order to provide the best outcome.

The outputs of the **AiA** symposium would certainly focus on bridging the gap between academia and industry. Our further focus is to support/encourage research and development along with connecting students and industrialists, as we believe that their combination would boost the research sector and in turn would facilitate Nation’s Development.

For registrations please visit
www.awarenessinaction.in

Raghunatha Rao Chakkilam
Founder

B.G. Rajeswar
Founder

Buchibabu Tungam
President

M. Madhavi
Secretary

Swapna Balla
Treasurer

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Glimpse of symposia



Educate & Lead

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info@awarenessinaction.in | www.awarenessinaction.in

Flat no 109, Seshadri Block, SVRS Brindavanam, Saroor Nagar, Hyderabad-500035

Ph: 9849362682, 8885504282