

## **PSG COLLEGE OF TECHNOLOGY, COIMBATORE**

### **Y20 BRAINSTORMING SESSION: FUTURE OF WORK – INDUSTRY 4.0, INNOVATION AND 21<sup>ST</sup> CENTURY SKILLS**

#### **REPORT**

The Global Leaders' Forum (GLF) and the Institution's Innovation Council (IIC) of PSG College of Technology organized the Y20 brainstorming session on the theme "Future of Work: Industry 4.0, Innovation and 21<sup>st</sup> Century Skills" on June 28, 2023 from 9:30 am to 1:30 pm. Ministry of Youth Affairs and Sports, GoI organizes Y20 Brainstorming Sessions across 50 cities of India and Coimbatore is one city selected and the Y20 session was hosted by PSG College of Technology, Coimbatore. Dr. L. S. Jayashree, Convener-IIC welcomed the gathering and highlighted the need for such brainstorming sessions to enrich the youth, who form the future of the workforce. Dr. K. Prakasan, Principal, PSG College of Technology in his presidential address emphasized that young people across the globe are more innovative and adaptive to advanced technologies, which make their work simpler and more efficient. Brainstorming sessions and discussions like the Y20 initiated by the Research and Information Systems for Developing Countries (RIS) will drive the incorporation of youthful perspectives into the global agenda, with the aim of being promoted and acted upon by the G20 members.

Delivering the keynote address, Mr. Sreekanta Aradhya, Global Head of Practice – Industry 4.0, Bosch Software and Digital Solutions, explained the impact of AI, IoT, Additive Manufacturing, 3D Printing, Augmented Reality, and Big Data Analytics on the manufacturing processes and to drive home the point that one has to keep reinventing to remain relevant to the changes fostered by technology. From the social perspective technological changes bring about an impact on the market, fulfillment of individual requirements, shortened delivery time, and shortened product cycle and therefore industry 4.0 necessitates changing the way one works and lives. Mr. Sreekanta gave insights into the advantages inherent in human-machine collaboration and how innovation drives the conceptualization of new business models in the days to come.

The panel discussion was moderated by Mr. Sreekanta Aradhya with key presentations by Mr. Nithin Jaganathan, Founder and CEO, Schnell Energy, Coimbatore; Mr. Vivek Suriyamoorthy, Co-Founder and CTO, Everstage Technologies Pvt Ltd., Chennai; Dr. Aishwarya Arjun, Co-Founder, Atre Healthcare, Coimbatore; Ms. Hanushree Murali, Director, Jananom Natural Nutrition, Coimbatore; and Mr. Navaneeth Malingan, Founder,

Nunnari Labs, Coimbatore. The brainstorming panel discussion included the following key takeaways:

- Curation of Business models using IOT and entrepreneurship in the IOT area
- Happy engineering is not the end game.
- Funding is not a measure of success, getting your customer to pay you money is a success.
- B2B startups try to join a product startup to understand the product and market
- B2C startups require funds where unit economics is important.
- Making AI models autonomous.
- AI's role in triage and the boundaries which need to be set in decision-making.
- Owning a startup gives an edge in the on-field first-hand exposure and adds various skills to one's personality.
- AI is the new electricity in the world where technology is shaping society.
- Need for academia to change to enable engineers to be prepared for the paradigm shifts caused by technology.
- Academia focuses on basic research rather than applied science in this era of AI.

An interactive question and answer session was facilitated by the speakers who addressed the queries of the participants. Dr. K. P. Radhika, Faculty Advisor, Global Leaders' Forum, PSG College of Technology proposed the vote of thanks.

## Event Photos



## Pre-event Press Release

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# Y20 Brainstorming Session on Future of Work: Industry 4.0 Innovation and 21st Century Skills

24th June 2023

PSG College of Technology cordially invites you to the

## Y20 BRAINSTORMING SESSION

### Future of Work: Industry 4.0, Innovation and 21st Century Skills

**SENTHILKUMAR RAJAPPAN**  
 Senthilkumar Rajappan is the Founder Blogger of YourCimbhatore.com. He is...

**M**inistry of Youth Affairs and Sports (MoYS), Government of India has tasked Research and Information Systems for Developing Countries (RIS), an autonomous body of Ministry of External Affairs to organise 50 brainstorming sessions in 50 cities on selected themes of this year's Youth 20 process. The objective of brainstorming sessions is to collect inputs for the Youth 20 communique which will feed in to the G20 Delhi leader's declaration.

## Post-event Press Release

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# Y20 Brainstorming Session in Coimbatore lays emphasis on reskilling, upskilling

June 28, 2023 06:10 pm | Updated 06:10 pm IST - COIMBATORE

THE HINDU BUREAU



Sreekanta Aradhya, Global Head of Practice - Industry 4.0, Bosch Software and Digital Solutions, speaking at the Y20 Brainstorming Session in the city on Wednesday. | Photo Credit: S. Siva Saravanan

The Imperative need for perennial reskilling and upskilling of job-seekers as also industry workforce to sustain relevance, against the backdrop of rapidly evolving technologies like Artificial Intelligence and Big Data Analytics was highlighted by speakers at the Y20 Brainstorming Session on 'Tuture of Work: Industry 4.0, Innovation and 21st century skills' hosted by the PSG College of Technology, here on Wednesday.

The impact of AI, IoT, Additive Manufacturing, 3D Printing, Augmented Reality and Big Data Analytics on the manufacturing processes was explained by Sreekanta Aradhya, Global Head of Practice - Industry 4.0, Bosch Software and Digital Solutions, to drive home the point that one has to keep reinventing to remain relevant to the changes fostered by technology.