

# AI:10



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**Y:WAIT**

Young Women in AI & Technology

## HEADLINE NEWS IN A FLASH

- IBM Freezing Hiring for Roles AI Could Replace
- Chatbot 'journalists' found running almost 50 AI-generated content farms
- Code.org helping launch TeachAI to guide integration of artificial intelligence in education
- Rise of artificial intelligence is inevitable but should not be feared, 'father of AI' says
- How Artificial Intelligence is Transforming the Healthtech Industry and Enhancing Investment Opportunities in Hong Kong
- AI, Machine Learning Improve Patient Care, Can Empower Health Care Professionals May 6, 2023

## INDUSTRY FOCUS

**ASHTON KUTCHER SAYS**

**YOUR COMPANY WILL PROBABLY  
BE 'OUT OF BUSINESS' IF YOU'RE  
'SLEEPING' ON AI**

# ASHTON KUTCHER SAYS YOUR COMPANY WILL PROBABLY BE 'OUT OF BUSINESS' IF YOU'RE 'SLEEPING' ON AI

Source: [Forbes](#)

- During a panel, Ashton Kutcher said that companies not using AI tools like ChatGPT will shutter.
- The actor and investor said AI like ChatGPT has the "power" and "potential" to benefit humanity.
- Sound Ventures, his VC firm, launched a \$240 million AI fund this month.

Stars, they're just like us — they have been taken aback by AI tools like [OpenAI's ChatGPT](#). In fact, actor-turned-investor Ashton Kutcher is so impressed that he thinks businesses that aren't using AI tools will suffer.

"If you're a company, and you're sleeping on this, you're probably going to be out of business," he said about ChatGPT during a panel at the Milken Institute's Global Conference on Monday. "It's that good and that powerful from a utilization standpoint."

Kutcher is [the cofounder of Sound Ventures](#), a venture capital firm that has [backed companies like Airbnb and Uber](#).

He said that AI has the "promise" and "potential" to benefit a range of industries. Education, for instance, will be revolutionized by AI, Kutcher said. Large language models, he added, are excellent at the analogies and metaphors, "which means they can break down complex concepts like "homomorphic encryption" — or the process of performing tasks on encrypted data — in an easy, digestible way.

"The ability to have an always-on tutor that is personalized to you is an extraordinary advantage....We're going to have students and kids and people across the world that are going to be able to use this to learn about something in a way that they've never learned about it before.," Kutcher says.

It's not just students. Kutcher thinks that AI can make professional services accessible to all.

"We're going to have personalized medicine; we're going to have personalized law; we're going to have personalized education; we're going to personalize everything," Kutcher said.

Personalized law, for example, would mean that the people who "can't afford" legal services will finally be able to access them at a lower price: "One paralegal can have 1,000 AI agents working underneath them," he said.

"I look at AI as an equity and inclusion play that is massive," he says.

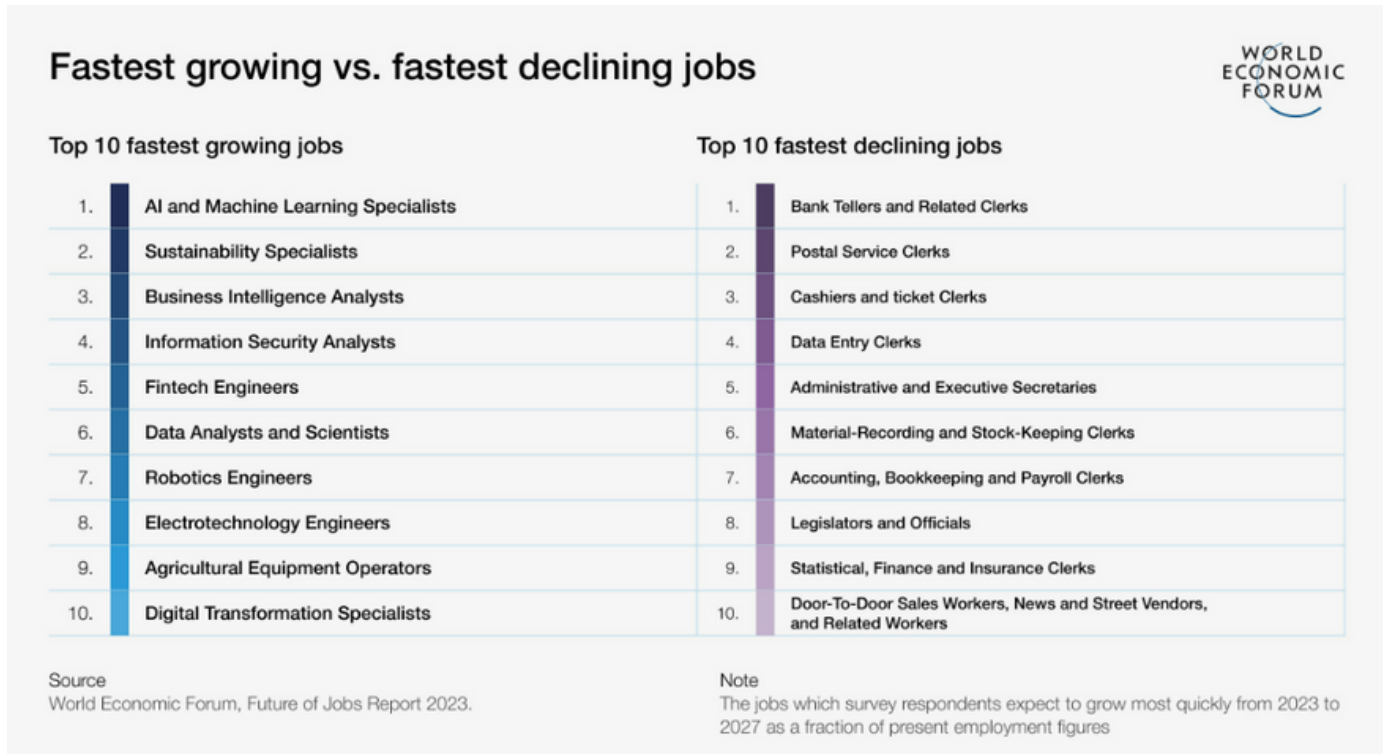
Kutcher's thoughts on AI come in response to the [meteoric rise of generative AI tools](#). ChatGPT attracted [over 100 million users two months after it launched last November](#), inspiring people to use the chatbot [to boost their productivity and make their lives easier](#). Some are even using it to [start their own businesses](#).

The buzz around these AI tools could be why Kutcher's venture capital firm launched a \$240 million AI fund this month that already has investments in major AI companies like [OpenAI](#), [Anthropic](#), and [Stability AI](#), [Variety reported](#). He said that his firm will continue to support AI startups for the long haul.



# AI IS HELPING TO IDENTIFY SKILLS GAPS AND FUTURE JOBS. AN EXPERT EXPLAINS HOW

Source: [WEForum.org](https://www.weforum.org)



- 6 in 10 workers will require training before 2027, according to the [World Economic Forum's Future of Jobs Report 2023](#).
- But finding ways to upskill and reskill workers to fill job gaps and keep up with the pace of emerging new technologies can be difficult.
- Erik Brynjolfsson, Professor at the Stanford Institute for Human-Centred AI, explains how AI can be harnessed to work out skill adjacencies that can help to close the gaps.

“Believe it or not, if you take a forensic accountant and teach them some cyber, they can become a cybersecurity expert,” says [Erik Brynjolfsson, Professor at the Stanford Institute for Human-Centred AI](#).

“There's a lot of skill overlap in those two professions, even though you wouldn't have thought of it without looking at the underlying data.”

Brynjolfsson and his colleagues at the Stanford Digital Economy Lab are using AI to sift through millions of job postings and identify skills gaps and skill “adjacencies” that can help companies retrain team members to meet the demands of the future of work.

The [World Economic Forum's Future of Jobs Report 2023](#) says that 60% of workers will require additional training by 2027, with the biggest priority being analytical thinking.

Technology-related roles dominate the report's list of fastest-growing jobs, with AI and Machine Learning Specialists coming top. And LinkedIn research conducted for the Future of Jobs Report 2023 identifies the 100 "Jobs on the Rise" – those that have grown "fastest, consistently and globally" over the past four years – with technology and IT-related roles making up 16 of these.

## What impact is AI having on jobs – and will it ever completely replace them?

We're in the early days of a real revolution in terms of how AI is affecting work and employment. The technology's growing exponentially, but our skills, our organizations and our institutions are not adapting nearly as quickly.

About 10 years ago, I started looking at this more closely. One project involved coming up with a set of criteria for the types of tasks that are suitable for machine learning. It's clear that while AI is very powerful at human level or even superhuman level for many tasks, there are many other things where humans continue to have a big advantage, and that's going to continue to be true for quite some time.

I don't predict any sort of a job apocalypse or mass unemployment, but I do think there's going to be massive restructuring of work as AI starts doing more tasks that previously were only done by humans.

## What did you learn from that first project?

We came up with a set of criteria for which tasks were most suitable for machine learning and which ones were not. We wrote that up in an article in Science magazine, and then we applied that rubric to about 18,000 tasks in the US economy from a dataset called O\*NET.

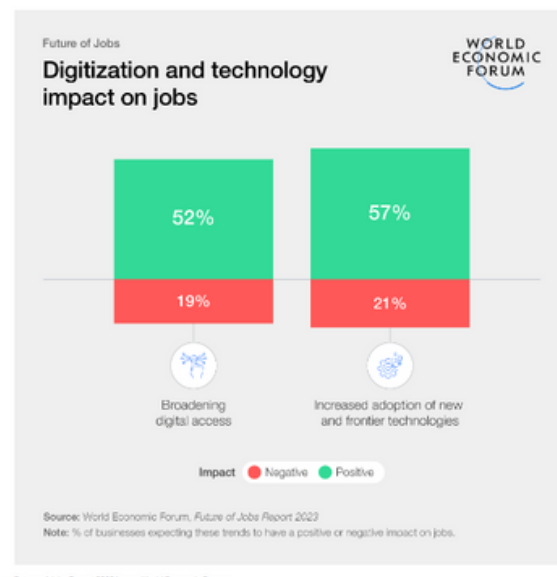
Most jobs have many distinct tasks in them. For instance, if you are a radiologist, you don't just look at medical images, you also consult with patients and you coordinate care with other doctors and so forth. Radiologists do about 26 distinct tasks, and what we found was that machine learning could affect many of those tasks.

But in none of the 950 occupations we looked at did machine learning turn the table and do all of the different tasks.

In each case, there were parts of the job that were best done by humans and others where machines could help out. For instance, in the case of radiologists, machine learning was very good at looking at medical images and increasingly good at diagnosing different pathologies. However, it's not good at consoling patients or talking to them after a diagnosis, or coordinating care with other doctors. So that was what we found for bus drivers, for economists, for nurses, cashiers – every job. There were parts of them that machine learning could do more of and others they could do less of. So going forward, I think we'll continue to see some significant restructuring of work, but not mass unemployment due to AI.

## Of the tasks that couldn't be done by machine learning, were they more on the soft skills side?

Exactly. A lot of the tasks that were not well done by machines included some of the softer skills – relationships, emotional intelligence, also creativity, coming up with new questions to work on, new kinds of innovations that scientists or creative people or artists or entrepreneurs work on. So there are a broad scope of things where humans continue to have an advantage.







# HEADLINE NEWS IN A FLASH

## IBM FREEZING HIRING FOR ROLES AI COULD REPLACE

IBM is reportedly planning to suspend hiring for jobs artificial intelligence (AI) could someday do. In an [interview](#) Monday (May 1) with Bloomberg News, CEO [Arvind Krishna](#) said the technology company will freeze or slow hiring for around 26,000 back-office roles. "I could easily see 30% of that getting replaced by AI and automation over a five-year period," said Krishna. According to Bloomberg, that would translate to around 7,800 jobs. An IBM spokesperson said the company would reach that number in part by not hiring for vacant roles. IBM is making this move at a time when a number of observers are concerned about the potential of AI to [disrupt the working world](#). As Bloomberg notes, the company's plan is one of the largest strategies in response to the growth of AI. In this case, it would mean automating human resource functions like moving workers between departments, said Krishna. However, some HR duties, like employee evaluations, would likely not be immediately replaced. This news follows a recent study by [Goldman Sachs](#) that found that 7% of American workers are in jobs where AI could automate at least half of their duties, and [therefore replace them](#).

Source: [pymnts.com](#)

## CODE.ORG HELPING LAUNCH TEACHAI TO GUIDE INTEGRATION OF ARTIFICIAL INTELLIGENCE IN EDUCATION

Seattle-based computer science education nonprofit [Code.org](#) is helping to launch [TeachAI](#), a new effort aimed at guiding governments and educators on teaching with and about artificial intelligence. The initiative, announced Tuesday, comes as the rapid rise of generative AI and chatbots such as OpenAI's ChatGPT is poised to [upend teaching and learning](#) at all levels of education. TeachAI will convene tech leaders from companies including Amazon, Microsoft, Cisco and OpenAI, as well as numerous education associations in the U.S. and abroad. Along with Code.org, TeachAI's steering committee includes [Educational Testing Service \(ETS\)](#), [International Society for Technology in Education \(ISTE\)](#), [Khan Academy](#), and [World Economic Forum](#). The goal is to help authorities integrate AI into primary and secondary curricula worldwide while protecting student safety, respecting privacy rights, and addressing issues of bias and misinformation.

Source: [GeekWire](#)

## HOW ARTIFICIAL INTELLIGENCE IS TRANSFORMING THE HEALTHTECH INDUSTRY AND ENHANCING INVESTMENT OPPORTUNITIES IN HONG KONG

Hong Kong, the premier biotech fundraising capital in Asia, has returned to normalcy but three years of Covid-19 Pandemic seismically changes the way people live and becomes catalyst that accelerate usage of technology in healthcare sectors. Investment landscape shifts but it also drives a wellspring of business opportunities in the post-pandemic era. The Hong Kong Trade Development Council (HKTDC) has been providing a resourceful platform to stimulate business connectivity. The second "International Healthcare Week" (IHW), driven by the HKTDC, will return from 16 to 31 May bringing together over ten health-related events in Hong Kong, creating synergy in global partnership of healthcare leveraging Hong Kong's strategic role as an innovation and investment hub for the healthcare industry in Asia, including two flagship events — the third Asia Summit on Global Health (ASGH) and the 14th edition of the HKTDC Hong Kong International Medical and Healthcare Fair.

Source: [SCMP](#)

## CHATBOT 'JOURNALISTS' FOUND RUNNING ALMOST 50 AI-GENERATED CONTENT FARMS

Chatbots pretending to be journalists have been discovered running almost 50 AI-generated "content farms" so far, according to an investigation by the anti-misinformation outfit NewsGuard. The websites churn out content relating to politics, health, environment, finance and technology at a "high volume", the researchers found, to provide rapid turnover of material to saturate with adverts for profit. "Some publish hundreds of articles a day," [NewsGuard's McKenzie Sadeghi and Lorenzo Arvanitis](#) said. "Some of the content advances false narratives. Nearly all of the content features bland language and repetitive phrases, hallmarks of artificial intelligence." In total, 49 sites in seven languages – English, Chinese, Czech, French, Portuguese, Tagalog and Thai – were identified as being "entirely or mostly" generated by AI language models. Almost half the sites had no obvious record of ownership or control, and only four were able to be contacted.

Source: [amp.theguardian.com](#)

## RISE OF ARTIFICIAL INTELLIGENCE IS INEVITABLE BUT SHOULD NOT BE FEARED, 'FATHER OF AI' SAYS

The man once described as the father of artificial intelligence is breaking ranks with many of his contemporaries who are fearful of the AI arms race, saying what is coming is inevitable and we should learn to embrace it. Prof Jürgen Schmidhuber's work on neural networks in the 1990s was developed into language-processing models that went on to be used in technologies such as Google Translate and Apple's Siri. The [New York Times](#) in 2016 [said](#) when AI matures it might call Schmidhuber "Dad". That maturity has arrived, and while some AI pioneers are looking upon their creations in horror – calling for a handbrake on the acceleration and proliferation of the technology – Schmidhuber says those calls are misguided. The German computer scientist says there is competition between governments, universities and companies all seeking to advance the technology, meaning there is now an AI arms race, whether humanity likes it or not.

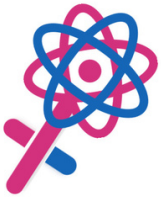
Source: [TheGuardian](#)

## AI, MACHINE LEARNING IMPROVE PATIENT CARE, CAN EMPOWER HEALTH CARE PROFESSIONALS MAY 6, 2023

In addition to improving the quality of care that health professionals can deliver to patients, a recent article published in The New England Journal of Medicine argues that artificial intelligence (AI) and machine learning will make it possible for health professionals to spend more time on essential human-to-human interactions. Throughout the 1990s and early 2000s, computer researchers were rapidly improving the ability of machines to perform some repetitive medical tasks, which typically would have been prone to human error. Over recent decades, computer reading of electrocardiograms and white-cell differential counts, analysis of retinal photographs and cutaneous lesions, and other image-processing tasks have become a reality, largely accepted and incorporated into clinical practice. "Scientists are building massive grids of connected data to tease out new findings, using AI and machine learning," the authors write. "...these advances have allowed the emergence of computers that can help you perform tasks that previously had been tedious."

Source: [PharmacyTimes](#)





# Y:WAIT

Young Women in AI and Technology

## Who are we?

Y:WAIT is a student-led organisation built to support young women in STEM involved in the application of AI, Sciences and Technology in the work we do.

## What can you expect?

- Global mentorship and advisory network
- Company visits catered to young students interested in pursuing careers in the technology industry
- Seminars and webinars with esteemed speakers from all over the globe
- Nationwide & Gglobal competitions/hackathons designed to encourage innovation in AI, especially for female youths

## What is our purpose?

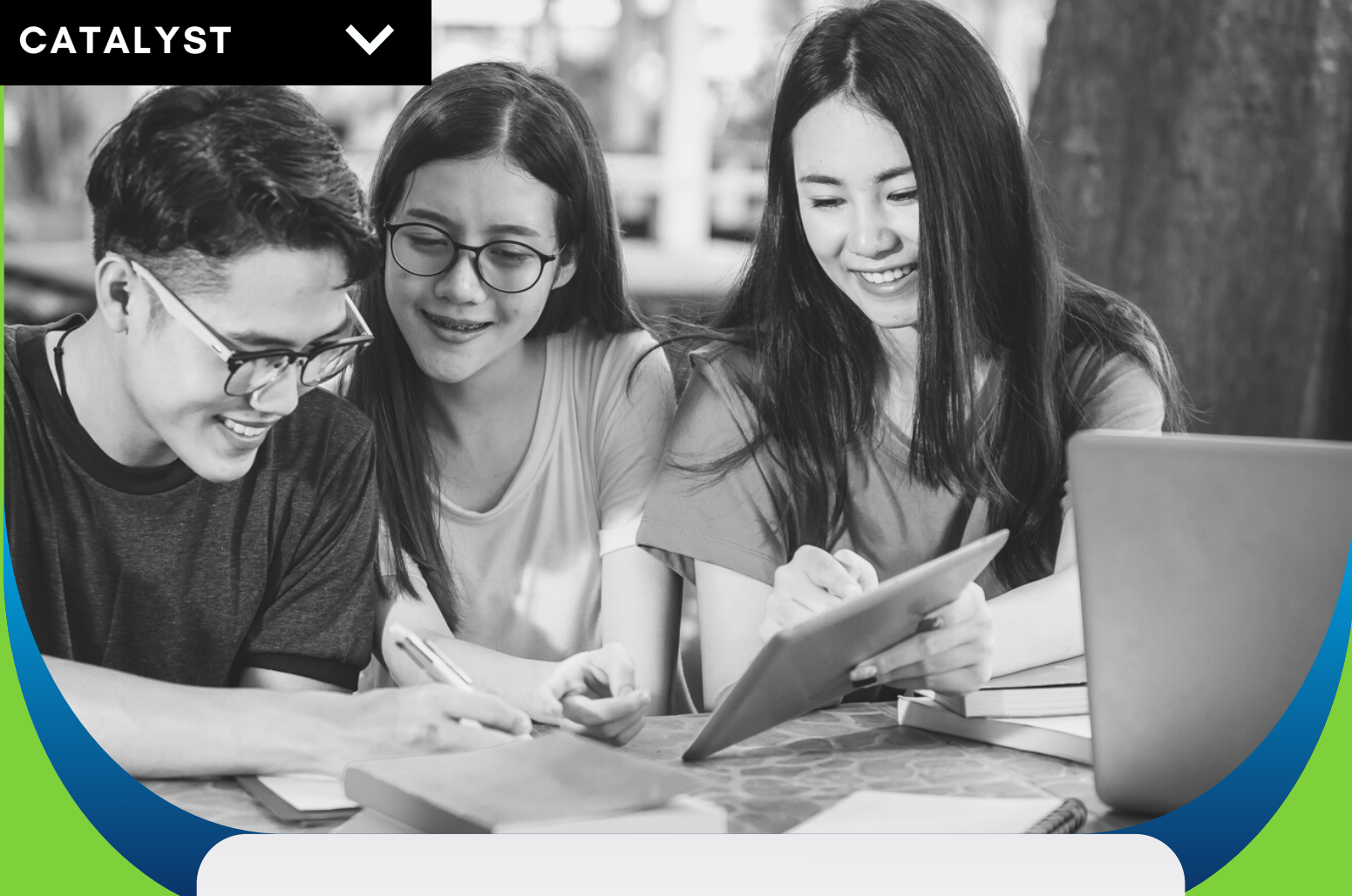
Raise awareness and promote interest about young women in STEM, create new and innovative ideas, build connections and partnerships within the industry and form new ventures that create impact; a movement that encourages the question: why wait?

<https://ceaiglobal.com/ywait/>



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**FOR MORE INFORMATION:**

**[HTTPS://CEAIGLOBAL.COM/2023/04/29/AI-WEEK/](https://ceaiglobal.com/2023/04/29/ai-week/)**

### **Track 3: AI: Live In Action!**

Wed, 10 May @3pm - 4pm Singapore, GMT +8

### **Track 4: Can AI Anticipate Management Actions & Help Investors Predict Direction of Share Prices?**

- Case Studies: Singapore, Malaysia, USA, India

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#### AIV50

AIV50 is a tech venture company with a portfolio of 50 AI assets in 10 key verticals. The special purpose company forms part of a joint incubation and venture building project by MyFinB Group (MFB) and VSC Portfolio Investments (VSCPI).

Website: [www.aiv50.com](http://www.aiv50.com) Email: [ventures@aiv50.com](mailto:ventures@aiv50.com)



TAFGAI

#### THE ACCOUNTING AND FINANCE GROUP IN AI (TAFGAI)

TAFGAI is set up to help accounting firms and infuse their operations with our proprietary AI expert systems. The immediate goal is to transform their businesses, making them leaner, more tech-proficient and value adding to their clients using AI in 10 key areas. This will have the effect of positive revaluation of the firms, with healthy topline and bottomline along with a decent multiplier.

Website: [www.tafgai.com](http://www.tafgai.com)



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Sofinaa addresses the primary issue faced by social welfare agencies, public agencies and organisations that channel funds to help those facing socioeconomic challenges. Sofinaa provides analytical insights using AI to evaluate cases and measure how the funds have been effectively utilised – including the impact these have contributed to the beneficiaries' well-being. Sofinaa enhances transparency, accountability and generate insights relating to social return on investments.

Website: [www.myfinb.com/sofinaa](http://www.myfinb.com/sofinaa)



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Website: [www.globalchamber.org](http://www.globalchamber.org)



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Website: [www.knowledgechamber.org](http://www.knowledgechamber.org) Email: [info@knowledgechamber.org](mailto:info@knowledgechamber.org)



#### SURYADATTA EDUCATION FOUNDATION

The Suryadatta Education Foundation, SEF, is a charitable trust registered with the Registrar of Societies, Government of Maharashtra. The Suryadatta Group of Institutes was established in the year 1999, with the blessing of Late Smt Ratanbai & Shri Bansilalji Chordia in Pune – The Oxford of East.

Website: [www.suryadatta.org](http://www.suryadatta.org) Email: [info@suryadatta.edu.in](mailto:info@suryadatta.edu.in)



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Website: [www.ediindia.org](http://www.ediindia.org)



#### WOMEN ENTREPRENEURSHIP CELL

Women Entrepreneurship Cell under Kadi Sarva Vishwavidyalaya (KSV), managed by Sarva Vidyalaya Kelavani Mandal, Kadi and Gandhinagar, Gujarat, India, established in 2016, to ignite the spirit of Entrepreneurship amongst our students. In the current era, countries should create more support systems for encouraging entrepreneurship among students. At the same time, it is to foster gender equality to break away from stereotyped mindsets.

Website: [www.wecksv.org](http://www.wecksv.org)



#### KADI SARVA VISHWAVIDYALAYA

Kadi Sarva Vishwavidyalaya is a University established vide Gujarat State Government Act 21 of 2007 in May 2007 and approved by UGC (ref F. 9-18/2008(cpp-1) March 19,2009). The University has been established by Sarva Vidyalaya Kelavani Mandal to achieve the following objectives: To provide need-based education and develop courses of contemporary relevance. To be a University of excellence by providing research-based activities which would foster higher economic growth. To provide education to all irrespective of caste, creed, religion etc. The University has at present 19 Constituent Colleges/Departments at Gandhinagar and Kadi.

Website: [www.ksv.ac.in](http://www.ksv.ac.in)



#### BE PHENOMENAL

Dr. Rachana specialized in Cosmetic Dentistry from State University of New York. After rendering her services to the medical field and its beneficiaries for a decade, she decided to contribute to her family business when she did her MBA from Nirma University with Gold Medal. Furthering the growth of human centric business approach, she successfully completed her course in Executive Education in Design Thinking from Stanford University.

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The Centre for AI Innovation (CEAI) forms part of MyFinB Venture's portfolio of innovative, disruptive projects to guide and support the digital transformation initiatives by organisations and business innovators.



'The AI World Summit: Where Innovators & Disruptors Meet to Challenge Limits' brings together the global AI community from a range of businesses, science and tech to go beyond the buzz and hype, discuss the most burning AI issues, share their developments, successes, challenges, and the resultant impact on their businesses.

CONTACT US



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