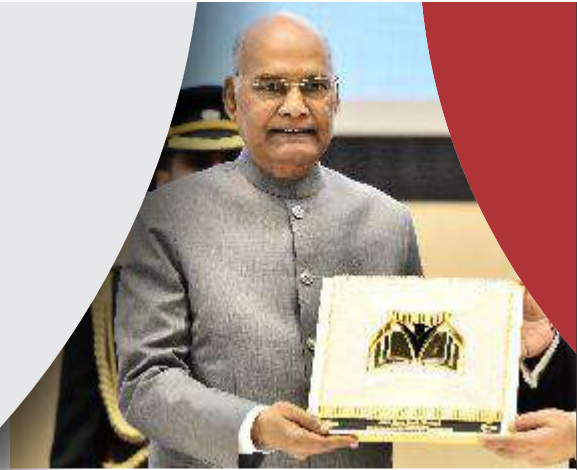




**Creative Economy • Nation Building
Higher Education as the Catalyst**

**Nov. 27-29, 2019
Vigyan Bhawan | New Delhi**



Post Show Report

Glimpses



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About HES 2019

FICCI organized the 15th edition of its global Higher Education Summit with the support of Ministry of Commerce & Industry (MoCI) and Ministry of Human Resource Development (MHRD), Government of India on November 27-29, 2019 at Vigyan Bhawan, New Delhi on the theme '**Creative Economy. Nation Building: Higher Education as the catalyst**'. Creative Economy is an interplay between knowledge, technology and design thinking and is fundamental to a robust economy. Considering India's accelerating economic growth, multi-disciplinary inclusive solutions and value generation are the key to nation building process. Against this backdrop, the Summit witnessed deliberations on the catalytic role of Higher Education in bringing about this transformation.

This year's Summit was inaugurated by **The Hon'ble President of India, Shri Ram Nath Kovind**. The other dignitaries who graced the Inaugural session were **Shri Ramesh Pokhriyal 'Nishank'**, Union Minister for HRD; **Mr R Subrahmanyam**, Secretary- HE, MHRD; **Dr Vidya Yeravdekar**, Chair- FICCI HE Committee & Pro Chancellor, Symbiosis International University; Prof **Rupamanjari Ghosh**, Co-chair, FICCI HE Committee & Vice Chancellor, Shiv Nadar University and **Mr Sekar Viswanathan**, Co-chair, FICCI HE Committee & Vice President, VIT University. A fireside chat session of **Gurudev Sri Sri Ravishankar Ji** with **Mr T V Mohandas Pai** was

a special highlight of the Summit. **Dr K Kasturirangan**, Chairman, Drafting Committee of the National Education Policy 2019 and Former Chairman- ISRO, delivered the Valedictory address.

The Summit brought together all stakeholders from the government, industry and academia to have engaging and effective deliberations to strategically adopt futuristic, disruptive and creative processes and technologies to build an educational environment for the creative economy of tomorrow. It was widely agreed that as the primary producer of the skilled manpower and the key driver of innovation, the higher education system needs to prepare itself for the transformation in the skillsets needed to drive India's economy to achieve the target of USD 5 trillion by 2025.

The two days of the conference received an overwhelming response, with participation of around 1500 delegates that included 350 foreign delegates (including 326 hosted delegates) from 76 countries. The exhibition showcased 160 exhibitors and had a footfall of about 5000 visitors. More than 8000 B2B meetings were conducted over the three days. Other key events during the summit were the **6th FICCI Higher Education Excellence Awards, Master Classes, Vice Chancellors' Roundtable and Poster Presentation**.

Summit Overview



Knowledge Papers



Exhibition Overview



RBSM Overview

Key Highlights of RBSM during 15th FICCI Higher Education Summit 2019

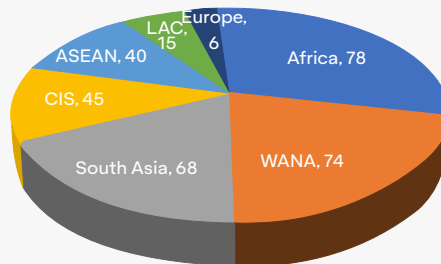
With over 8000 B2B meetings conducted over the 3 days of the summit, there have been significant takeaways for the participants and stakeholders. The foreign delegates gained insights of the Indian education sector and have developed linkages to establish partnerships with Indian Higher Education Institutions (HEIs).

8307
B2B meetings

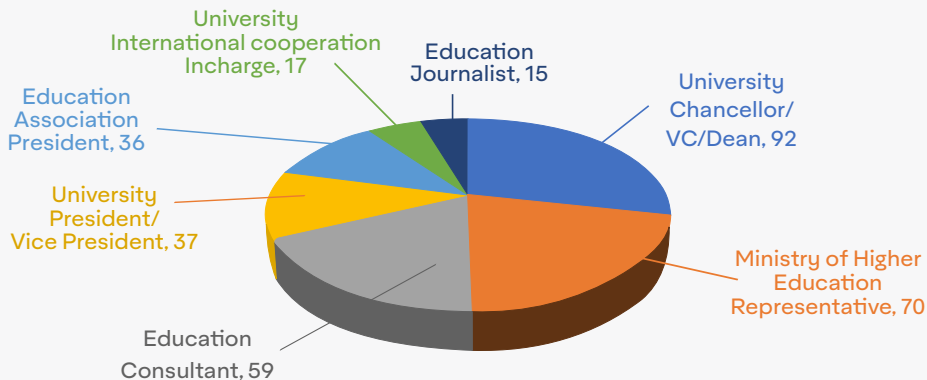
80+
MoU signed

326
Hosted Foreign Delegates

Hosted Foreign Delegates - Regionwise



Hosted Foreign Delegates - Profile

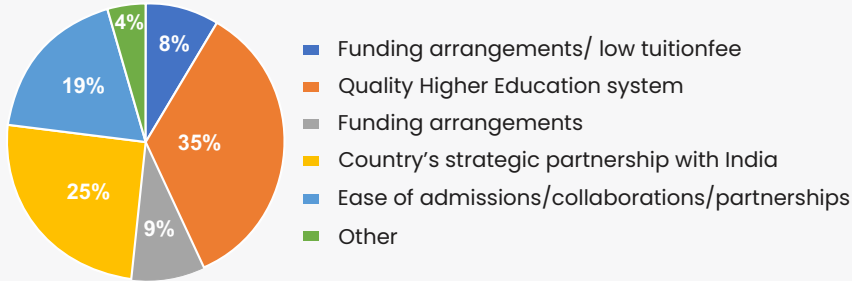


B2B Meetings:

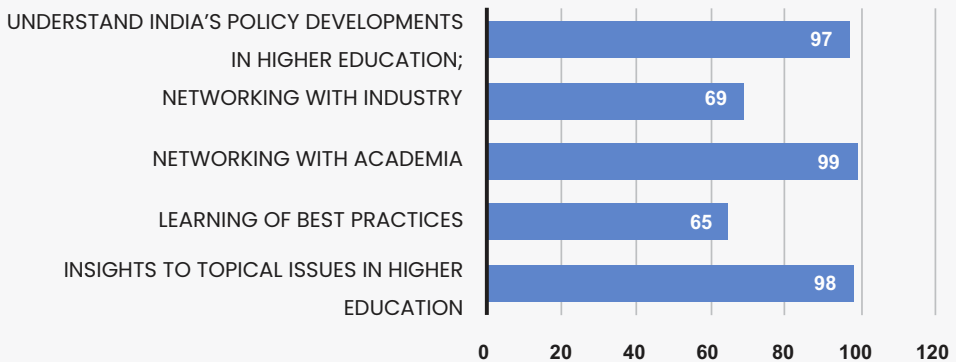
An analysis of the feedback received from 173 hosted foreign delegates and 67 Indian exhibitors shows that the FICCI HES 2019 has served as a platform to establish partnerships, especially around student mobility and institutional engagements.

Analysis of Feedback from Hosted Foreign delegates

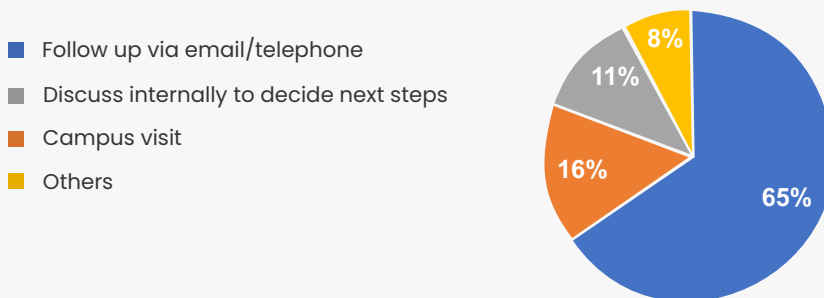
Why does India market attract you ?



Purpose Of attending FICCI HES 2019

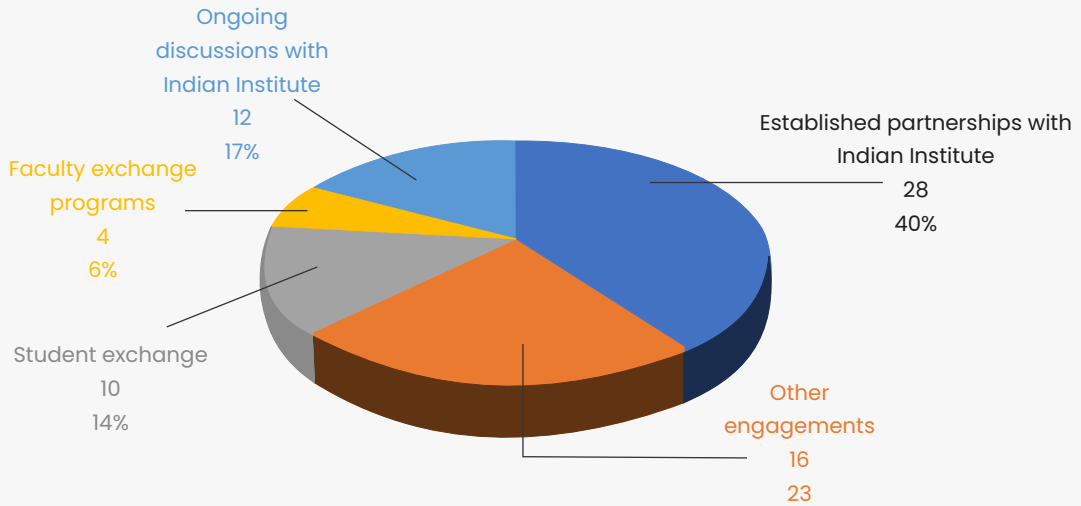


Next Steps to the B2B Meetings



Of the 173 hosted foreign delegates (who have shared the feedback), 32 have attended the FICCI HES previously. The developments from attending previous years' FICCI HES is as below :

Developments from attending previous FICCI HE Summits



Hosted Foreign Delegates*



More than 80 MoUs have been signed at the Summit this year, some of the key MoU's are mentioned below :

Milestone International Education (MIE), Qatar and Savitribai Phule Pune University (SPPU), Pune, India

MoU for academic exchange and to open a branch of SPPU in Qatar.

Indira Gandhi National Open University (IGNOU) and CAIIDE, International University of Kyrgyzstan, Kyrgyzstan

MoU to offer IGNOU's academic programs(online and distance learning) to students of Kyrgyzstan

Sharda University and International University of Kyrgyzstan (IUK), Kyrgyzstan

MoU around exchange of students, faculty, offer special short- term academic programs and establish and develop an information technology institute at IUK

Poornima University and American University of Technology, Lebanon

MoU to offer short term certificate courses, faculty ans student exchange and collaborative research

Jamia Millia Islamia University and Tashkent State University of Oriental Studies, Uzbekistan

MoU for collaborative research, academic and scientific publications and writing co-supervised post doctoral thesis

Gujarat University and Tashkent State University of Oriental Studies, Uzbekistan

MoU for collaborative research, publications and exchange of faculty, organizing joint conferences andsymposia

Andhra University(AU) and Maxway International Education, Nepal

MoU signed to send students from Nepal to study at AU

Key subjects for partnerships have been :

Engineering with specialization in computer science, AI etc

Medicine, microbiology and pharmacy

Management and business administration

Forensic Sciences

Leadership and governance

Circular economy and Green growth

फिक्की की ओर से आयोजित एजुकेशन समिट में इंटरनेशनल एडमिशन और पार्टनरशिप के लिए हुए एमओयू



AU inked MoU with Kathmandu-based Maxway Int'l Education on Tuesday



Keynote Speakers



Shri Ram Nath Kovind
Honourable President of India

“

Let us together create that university, that classroom, that curriculum, that culture which allows our students to realize their fullest potential as a human being, in service of our people, our nation and the world

”

Addressing the 15th FICCI Higher Education Summit, The President highlighted the primacy of higher education as a public-policy issue across the world. He mentioned that the world of tomorrow will be driven by knowledge, machine-intelligence and digital pathways and India, in its journey of transformation, will have to leverage its limitless opportunities, recast the higher education with new courses and deeper research-orientation giving significant importance to Ideation, Innovation and Incubation.

He highlighted the following aspects in his Inaugural address:

- Establish robust academia-industry linkages with an aim to become the R&D capital of the world
- Give equal importance to liberal arts and humanities along with STEM courses as the fast-paced technological evolution must be ultimately made relevant to people, communities and cultures
- Spirit of inquiry, critical thinking and an overall culture of looking at what, how and why of issues and perspectives need to be nurtured and included in the pedagogy
- To bring about the educational renaissance, there is a need of attitudinal adjustments and

openness about new concepts on several fronts-at the level of academic leadership, at the level of student-teacher engagement and technology integration

- Programmes for vocational education, apprenticeship and internship should be developed along with creating an open learning culture in the Higher Educational institutions (HEIs)
- Given the socio-economic reality of our country, there is a need to attend to the urban-rural divide and the regional imbalance in delivery of quality education. Public institutions along with quality private institutions jointly will play a primary role in addressing this issue

Having put forth his ideas on higher education, the President asked FICCI to galvanize larger participation in strengthening the higher education system and urged all stakeholders to devise a way forward for the inclusive growth. He also highlighted the fact that the ancient Indian system that produced Panini, Aryabhat, Charaka and Kautilya, must have been robust and that we must use modern tools to reopen the wisdom stored in our countless knowledge traditions, even as we optimize the opportunities of a machine-intelligence age and create a world class education system in India



Shri Ramesh Pokhriyal 'Nishank'

Union Minister for HRD, Gol

Congratulating FICCI for organizing the Summit that has become a global platform and brings together all stakeholders to have serious deliberations on the topical issues in Higher Education, the hon'ble HRD Minister pressed upon the theme of conference that aligns well with the Government's agenda of becoming a USD 5 trillion economy by 2025. He further highlighted that higher education would play a catalytic role in bringing about this transition. He mentioned that the final version of the draft National Education Policy (NEP) 2019, after undergoing rigorous consultations and receiving over 2 lakh suggestive

inputs, will soon be released. He, while acknowledging FICCI's proactive role in policy advocacy for education sector, also specifically highlighted the FICCI inputs submitted to the Ministry on the draft NEP 2019, which according to him was quite comprehensive. He further mentioned that the NEP, that is being brought-in after 33 years, will be futuristic, technology-intensive, innovative, employment-oriented and India-centric.

Highlighting India's Higher Education system that has over 1000 universities, 39931 Colleges, 10725 standalone institutions and 34.6 million students, he stressed upon the need for all stakeholders to work together in making the Indian higher education as one of the preferred global destinations. He also highlighted some of the government's recent initiatives viz: Study in India, Scheme for Promotion of Academic Research Collaboration (SPARC), Global Initiative of Academic Network (GIAN), GIAN PLUS, Leadership of Academicians Programme (LEAP), Annual Refresher Programme in Teaching (ARPIT) and Rashtriya Uchchatar Shiksha Abhiyan (RUSA) all of which aim to promote research, innovation and entrepreneurship in the country.

Speaking at the 6th FICCI Higher Education Excellence Awards, Mr Gadkari mentioned that the government should have minimum interference and play a facilitative role in augmenting Indian higher education sector. He further talked about the innovative financing models adopted in his Ministry and urged the higher education leaders to think creatively about the alternate financing option for the growth of the sector. He stressed on the fact that the future of the country in terms of wealth creation would largely depend on how effectively we are able to harness the existing knowledge.



Mr Nitin Gadkari

Union Minister for MSMEs, Road Transport & Highways and Shipping, Gol



Dr K Kasturirangan

Chairperson – Drafting Committee of the NEP 2019

In his Valedictory address, Dr Kasturirangan spoke about the rigor and the efforts that went into, in

developing the draft NEP 2019. He talked about the serious engagements and consultative meetings undertaken with all the key stakeholders of the country in ensuring that NEP has a futuristic vision and encompasses all the relevant elements into it.

Talking about the futuristic approach adopted in the NEP, he highlighted the key transformational elements proposed, viz. setting up of National Higher Education Regulation Agency (NHERA), National Research Foundation (NRF), focus on Liberal Arts, focus on Early Child Care Education, Adult and Vocational Education, lifelong learning, creation of a National Education Technology Forum (NETF). He further mentioned that the policy envisages a strong and continued industry participation in the implementation of the reforms suggested.

Mr Somany, in his welcome remarks, said that in today's era of knowledge economy, human capital will have the greatest impact on socioeconomic growth for decades to come. Hence, to become a \$5 trillion economy by 2025, India must transform its higher education institutions and universities to meet the 21st century needs. Quoting the UNCTAD 2019 report, which states that the rapid growth of the creative and cultural industries will drive the next wave of human creativity and employment, he highlighted the interdependence of education in economic growth. He further talked about FICCI's initiatives towards this transformation and the contribution to bring about domestic reforms and international partnerships.



Mr Sandip Somany
President, FICCI



Dr G Viswanathan

Founder & Chancellor, VIT

Dr Viswanathan, in his Special Address at the Valedictory session, emphasized on improving three important aspects of higher education, viz access, affordability and quality. Some of the important aspects, according to him, that would augment quality in higher education include grant of autonomy , promoting an ecosystem of self -regulation and encouraging more foreign collaborations. He also felt the need for Ministry of External Affairs (MEA) and MHRD to jointly work and identify the job roles required in foreign countries and how could Indian students be accordingly taught and trained.

Dr Vidya Yeravdekar, in her Theme Address, impressed upon the significance and relevance of higher education in shaping the future of society, work and economy. Citing examples of global economies that have grown by channelling the creativity and innovation in their higher education institutions, she called upon the government and the academia to work cohesively to further strengthen the Indian higher education ecosystem. She also highlighted FICCI's role in policy advocacy and the work it does in bringing about the requisite reforms in the higher education sector.



Dr Vidya Yeravdekar

Chair- FICCI HE Committee & Pro Chancellor,
Symbiosis International University



Prof Rupamanjari Ghosh

Co-chair, FICCI HE Committee and
Vice Chancellor, Shiv Nadar University

Prof Ghosh highlighted FICCI's proactive role in leading discussions on topical issues in higher education, viz Education 4.0, Universities of the Future, and Role of Higher Education in Creative Economy and Nation Building. She talked about the need for the universities and HEIs to go beyond the physical boundaries and look at their contribution and impact on cultural regeneration and local communities, not just in the urban but also in the rural sector.

Ms Ghosh, while welcoming the key dignitaries to the Summit, talked about FICCI's initiatives over the past one and a half decade towards policy advocacy, suggesting reforms and collectively working with the government and the industry. She emphasized on the fact that higher education is one of the key building blocks towards India's journey to become a USD 5 Trillion economy.



Ms Shobha Mishra Ghosh

Assistant Secretary General

Fireside Chat

Gurudev Sri Sri RaviShankarji with Mr T V Mohandas Pai

Gurudev Sri Sri Ravishankarji

Giving a holistic picture of the Indian education system and highlighting its rich historical background, Gurudev Ravishankarji talked about the role of the society in creating an individual and the contribution of an individual in developing the society and the nation. He further said that the human touch required in the process of learning not only brings information to students but also builds up their personalities. He added that a complete human being is one whose intellect is sharp and developed, value systems are high, and who is practically useful for the society as well as for himself or herself. He highlighted the critical role of educators in building up intuitive skills, innovation and intelligence in the youth. He further said that by creating a sense of belongingness and responsibility among young people, one can dream of giving a better future to the coming generation.

Mr Mohandas Pai

Against the backdrop of dynamically changing global scenario, Mr Mohandas Pai presented a comprehensive analysis of the state of higher education in India. He mentioned that in this decade, global power structures, global financial systems and global geopolitics are going to change tremendously and thus, one must focus on harnessing India's strength, which is the human capital. He pressed upon the need to understand and analyze India's geographical, political and economic variations and then devise policies and regulations, that will collectively lead to the nation's growth.



Key Foreign Speakers

Speaking about the Higher Education system of Gabon and the predominant focus of the Gabonese government in promoting the sector, Mr. Iwangou extended invitation to the Indian government and the Indian universities to partner with the universities and higher educational institutions of Gabon for research, technology transfer, student and teacher mobility and investment to develop the infrastructure.



Mr Mokagni Iwangou
Minister of Education, Gabon



Prof Peter Stoicheff
President, University of Saskatchewan,
Canada

Presenting a Canadian perspective on the crucial role of Universities in Innovation, Prof Stoicheff mentioned about the 6 C's that will be most needed today, to prepare the students for the future: Collaboration, Communication, Creativity, Cultural competencies, Critical thinking, Complex problem solving. He highlighted that Universities in Canada are proven generators of higher economic growth and increasing innovation- an enterprise worth USD 35 billion and contributes 40 % of the country's R&D. He impressed upon the need to further strengthen the India-Canada partnership in higher education.

Ms Ye-Her, in her address talked about the School of Continuing and Lifelong Education (SCALE)- an NUS's initiative for promoting continued and lifelong education especially for the ageing population. Highlighting the objectives of SCALE, she emphasized on the efforts put in by the Singapore government and NUS to offer continued education to its people and provide them with the most relevant future skills. She further said that NUS SCALE works very closely with the Singapore government and is committed to support its initiative called 'Skills Future'. She also highlighted that based on the future skill sets requirements, SCALE has created a skill map with a focus on 8 skills, viz Data analytics, Finance, Tech-enabled services, Digital Media, Cyber Security, Entrepreneurship, Urban Solutions and Advanced Manufacturing.



Ms Wu Ye-Her
Executive Director, SCALE-Global,
NUS SCALE, Singapore

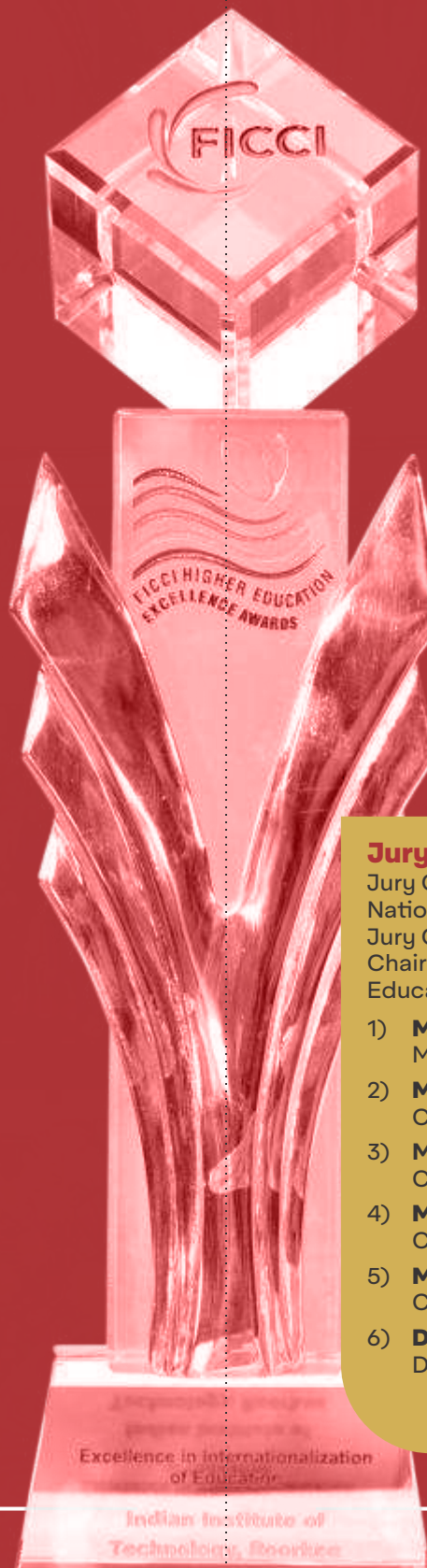
6th FICCI Higher Education Excellence Awards 2019

The 6th FICCI Higher Education Excellence Awards 2019, were held on 27th November, 2019 at Hotel Lalit, New Delhi. Instituted in 2014, the Awards recognize the efforts of higher education Institutions exhibiting excellence in various spheres. Powered by an impeccable jury and following a very transparent and methodical process, the Higher Education Awards have received an overwhelming response and witnessed active participation from both public and private sector universities and higher educational institutions (HEIs).



FICCI Higher Education Excellence Awards 2019 – Winners

- Excellence in Internationalization of Education**
Winner—Indian Institute of Technology (IIT), Roorkee
Special mention —JSS Academy of Higher Education & Research
- Excellence in Employability through Industry Engagement**
Winner—Birla Institute of Technology and Science (BITS), Pilani
Special mention —Prin. L. N. Welingkar Institute of Management Development & Research (WeSchool)



- Excellence in Enabling Research Environment**
Winner —Vellore Institute of Technology, Vellore
Special mention —Bombay College of Pharmacy
- Excellence in Faculty**
Winner—Jagan Institute of Management Studies
Special mention—JIS College of Engineering
- Excellence in Institutional Social Responsibility**
Winner—S P Jain Institute of Management and Research, Mumbai
- Creative & Performing Arts (New Category)**
Winner —Whistling Woods International Limited, Mumbai
Special mention—Hans Raj MahilaMaha Vidyalaya
- University of the Year (In existence for 11 to 30 years)**
Winner—SRM Institute of Science and Technology, Chennai
- University of the Year (In existence for more than 30 years)**
Winner—University of Hyderabad
- TRANSFORMATIONAL LEADER IN SKILL DEVELOPMENT**
Mr Sanjib Kumar Rout, Chairman, CV Raman College of Engineering
- PERSONALITY OF THE YEAR 2019**
Mr Achyuta Samanta, Founder, Kalinga Institute of Industrial Technology (KIIT)
- LIFETIME ACHIEVEMENT AWARD**
Mr T V Mohandas Pai, Chairman, Manipal Global Education and Aarin Capital

Jury List

Jury Chair : **Dr. R. A. Mashelkar**
National Research Professor
Jury Co-Chair : **Prof. Anil Sahasrabudhe**
Chairman, All India Council for Technical Education

- Mr. M. S. Unnikrishnan**,
MD & CEO, Thermax India Ltd
- Mr. Sudheesh Venkatesh**,
CPO, Azim Premji Foundation
- Mr Chetan Kapoor**,
COO, Tech Mahindra Foundation
- Mr. Ajay Bohora**,
Co-Founder & MD, HDFC-Credila Finance
- Ms Mamta Saikia**,
CEO, Bharti Foundation
- Dr. Darlie Koshy**,
Director General, IAM & ATDC
- Ms. Veena Swarup**,
Former Director-HR,
Engineers India Limited
- Mr. Anand Sudarshan**,
Founder-Director, Sylvant Advisors
- Mr D V Shastry**,
ED-HR, Gail India
- Mr Mayank Kumar**,
Co-Founder & MD, Upgrad
- Ms Rupa Chanda**,
Professor of Economics, IIM Bangalore
- Dr Mahesh Verma**,
VC, Indraprastha University
- Mr. Ajay Batra**,
Director – CIE, Bennett University
- Mr Arvind Pachhapur**,
South Asia Head, Clarivate Analytics
- Ms Pervin Malhotra**,
Director, Career Guidance
India (CARING)

Vice Chancellors' Roundtable

The round table had enriching deliberations and witnessed the participation of more than 60 higher education leaders that included Vice Chancellors, senior government officials and industry leaders. The discussion was focused around on how higher education institutions could play a beacon role in promoting innovations, thereby helping in developing a creative economy and society.

As per the UNCTAD 2019 report – “Creative Economy is an evolving concept which builds on the interplay between human creativity and ideas and intellectual property, knowledge and technology.” The discussion was split into specific key issues, viz. role of universities in the creation of Knowledge Society and local economy development; innovative solutions adopted to address socio-economic challenges and how to create a conducive ecosystem to attract students to India.

The key highlights/takeaways on each of the above issue, is as follows:

Creation of a Knowledge Society / Knowledge Economy:

- Bring in creative learning pedagogies, teaching and assessment methods should imbibe problem solving, critical thinking and analytical skills in students
- Develop a strong research environment in universities and HEIs by ensuring strong industry linkages, community immersions and effective foreign collaborations
- Encourage and develop an ecosystem of innovation and entrepreneurship at the student, faculty and leadership levels
- Adopt the approach of knowledge fragmentation. For instance, R&D should be balanced between 'Multidisciplinary' (that is required in large industries to address global issues) and 'Superspeciality' (that may be more relevant to address a specific MSME/SME and regional issues)
- Co-locate industry with universities and HEIs as this has proven to be effective in addressing issues that are socially/industry relevant, world over
- Create more platforms such as hackathons, bootcamps etc, where students can showcase their innovation and create more ideas
- Focus on effective integration of vocational skills in the universities and HEIs (the draft NEP 2019 has focused on the same)

Branding India as a Higher Education Destination:

- Streamline and standardize the visa application process instituting a single process of application and a nominal uniform application fee for all international students. Create short video tutorials explaining the step by step application process in addition to conducting webinars and guidance workshops on the visa application process, FRRO registration process and HEI application process. Also introduce “Trainee Visa category” that will help to easily keep track of the foreign students who come to India as trainees/interns

- To attract quality foreign students from the targeted countries, create a standardized test like the Scholastic Assessment Test (SAT) and the Graduate Management Admission Test (GMAT). (Finance Minister in her Budget speech 2020-21 has announced that under Study in India program, Ind-SAT examination will be conducted for benchmarking Asian and African countries)
- Have a mechanism to create an online repository of certificates for foreign students, that is in line with the 'National Certificate Repository' for the Indian students
- Allocate funding for public education institutions in order to develop course specific infrastructure as well as institutional infrastructure such as hostels for international students. Further, allocate separate funds for public HEIs/ universities in order for them to carry out promotional activities such as digital and social media marketing or attending global education fairs
- Appoint a guidance counselor/education attaché at every Indian embassy/mission abroad in order to help promote India higher education, the benefits of studying in India, and guide international students in their applications for an Indian student visa, work-study visa, etc. or even the general admission process for Indian HEIs
- Develop " student cities" with the mission of making the cities safer along with adequate infrastructural and logistical support. These cities could be those which already attract a reasonable number of international students such as Pune, Hyderabad, Manipal, Mumbai, Delhi, Bengaluru, Chennai, etc.
- A joint Central Working Group should be created under the chairmanship of Cabinet Secretary with members from the Ministries of Human Resource Development, Ministry of Home Affairs, Ministry of External Affairs, and Ministry of Commerce and Industry. Members from concerned city departments, public and private universities, and any other stakeholder deemed critical from an internationalization perspective should be invited as members. This Working Group would be responsible to develop a road map for developing these chosen cities into Education Hubs

Leveraging new-age technologies:

- Technology is the biggest disruptor today. It democratizes availability of opportunity and acts as a great leveler .Flexibility must be granted by paving way for leveraging online instructions and submissions, 'anytime' and 'anywhere,' thereby increasing access within safe and protected cyber learning environments
- National Framework to integrate technology' should be created at various stages of 'teaching and learning' processes and its smooth adoption by HEIs The National Educational Technology Forum (NETF) as recommended in the draft NEP 2019 must be made an autonomous body to facilitate integration of edtech into education policy framework
- Institutional leadership and faculty should be trained and capacitated to adopt new-age technologies. It is crucial to lay focus on Blended Learning with equal emphasis on traditional method of teaching and at the same time leveraging technology in classroom to prepare 21st century students. (FICCI Future X initiative is one such initiative in this direction.)
- Technology should be leveraged to address regional/rural issues and the focus should be totake campuses to communities by effective use of technology
- Ethics and values should be ensured, while using technology in everyday lives

Masterclasses

DATA ANALYTICS FOR INSTITUTIONAL EFFECTIVENESS AND EXCELLENCE

Convened by: **QS Quacquarelli Symonds**

This masterclass explored how their institutions can respond effectively to massive institutional and external changes by leveraging the use of data in an efficient manner. It provided case studies for universities to be more innovative, competitive and enable better decision-making abilities based on the use of data which will bring about institutional data mindset, and support benchmarking, ratings and rankings.

Facilitators:



L to R:

Mr Samit Lotlikar, Manager – Institutional Research, Strategy & Future Department, Zayed University, Dubai | Dr A K Nassa, Member Secretary, NBA | Mr Ashwin Fernandes, Regional Director – MENA & South Asia, QS Quacquarelli Symonds & CEO of QS IGAUGE Indian College & University Ratings | Dr Habib Fardoun, Professor, Faculty of Computing and Information Technology & Advisor of Vice-President for International Rankings, King Abdulaziz University (KAU), Saudi Arabia

COLLABORATIVE INTERNATIONAL LEARNING

Facilitators/Presenters:

Convened by: **EAIE and SIU**

This interactive session provided participants with the opportunity to explore issues of collaborative international learning from a variety of perspectives, ranging from the 'conceptual' to the more practical and hands-on. The discussion touched on institutional, national, and systems-level considerations in relation to building and sustaining collaborative international learning activities. Insights and examples from both Europe and India were included to provoke thinking about the important variables of national and regional context.



L to R:

Dr Anita Patankar, Director, Symbiosis School for Liberal Arts and Deputy Director, Symbiosis Centre for International Education | Mr Leonard Engel, Executive Director, EAIE | Dr Laura Rumbley, Associate Director, Knowledge Development & Research, EAIE | Dr Vidya Yeravdekar, Pro Chancellor, SIU and Executive Director, Symbiosis Centre for International Education | Dr Neeta Inamdar, Head, Manipal Centre for European Studies & Jean Monnet Chair

Poster Presentation

The poster presentation competition, on the theme “Higher Education – the Catalyst to a Creative Economy” was organized, that showcased the multi-disciplinary nature of solutions and the value generation of such solutions as an important aspect of a modern, futuristic society. A total 62 abstracts for the poster presentation were received, out of which 33 were shortlisted by the Jury for the final round of evaluation. The winners were awarded with a certificate by Dr K Kasturirangan, Chairperson – Drafting Committee of the NEP2019.

Jury Members



L to R: Mr Ajay Batra, Director-Centre for Entrepreneurship Education, Bennet University | Ms Nandita Abraham, Chief Executive Officer, Pearl Academy | Mr Lokesh Mehra, R & D Head, Sector Skills Council, NASSCOM

Winner



Ms DhritiDhaundiyal
Indian Institute of
Technology, Bombay

Ms Shruti Dhaundiyal
Cambridge University

First Runner up

Dr Atul Patil
College of Engineering, Pune

Dr UttamChaskar
College of Engineering, Pune

Second Runner up

Dr Shweta Sinha Deshpande
Symbiosis School for Liberal
Arts

Ms Khushi Bajaj
Symbiosis School for
Liberal Arts



Conference Sessions & Recommendations

Systems Thinking for Education

To move towards Education 4.0, one not only has to change what exists, but also needs to change the beliefs, approach and perceptions. There is a need to shift towards creating a “System of Systems For Education”, that will form a continuous basis for optimization of resources, energy and economy.

Systems Thinking is about thinking through a process, its complexities and opportunities to create a solution which may have multiple outcomes for varied stakeholders. It is also about a seamless integration of immersive learning and design thinking to arrive at a desired outcome.

Recommendations for Government:

- For transition to a USD 5 trillion economy, there has to be a focus on human capital development and a systemic approach to develop a quality higher education system integrated with the society
- Build a governance model that is independent of individuals, is more systems-driven, focuses more on self-regulation and is futuristic
- Devise frameworks to support inter-operability and inter-dependency of HEIs, economy and society. This would entail understanding of ground realities and accordingly devising mechanisms to address the socio-economic issues through university research and entrepreneurial activities

Recommendations for the Universities/HEIs:

- HEIs should engage and collaborate more amongst themselves, and also with the local community and industry
- To enhance cross cultural and cross border student mobility and lifelong learning, create integrated student lifecycle management systems – from admissions to the alumni engagements
- Given India’s regional, cultural and socio-economic diversity, HEIs should develop bridge courses to create a level-playing field
- Effective Faculty Development Programs is the first and foremost step to make the students ‘future ready’. Faculty should be trained to use new age technologies that facilitates innovation, entrepreneurship and creative thinking

Key takeaways:

- Create a network of Universities, in line with the Ivy League of USA, C9 of China etc., to ensure sharing of best practices and collaborative transformations.
- Focus on developing robust and futuristic frameworks for the human capital development, that will be a key enabler for India’s transition to a Knowledge Economy.



L to R: **Mr Ravi Panchanadan**, MD & CEO, Manipal Global Education Services | **Dr N V Varghese**, Vice Chancellor, NIEPA | **Ms Nandita Abraham**, President, Pearl Academy | **Dr Natalie Brett**, Pro – VC, University of the Art, London | **Dr Rajan Saxena**, Vice Chancellor, NMIMS | **Mr Pramath Sinha**, Founder | MD, Harrappa Education

Universities as Knowledge Economy Incubators

The role of the university goes beyond teaching and conducting primary research. It incorporates the high demand for science, technology, and innovation as the foundations of a knowledge-based economy. The universities of the future will have to strategically collaborate with the business sector and the public sector to exchange knowledge and use research findings and research-based education to develop and maintain the competitive advantage of the country's trade and industry.

Recommendations for Government:

- Increase public spend on Research and Innovation from the current 0.67% to 1.5% of GDP. The draft NEP 2019 that suggests creation of National Research Foundation (NRF) with an annual grant of INR 20,000 crores should be effectively and urgently implemented
- The public funding for research should be based on competitive merit and be made available for private sector universities and HEIs and not be heavily tilted towards public HEIs. As suggested in the draft NEP 2019, it should be effectively implemented in letter and spirit
- In addition to increased public spend, the private sector should be incentivized to both undertake R&D projects and support STEM research through CSR funds
- Set up 200 more Research and Tech parks in select Univs/HEIs to propel innovation through incubation and R&D
- There are a large number of privately-owned research centres mostly established by MNCs in India. There should be a provision in the NRF framework for Indian Universities collaborating with such research centres. Sharing of expenditure and revenue through IPR should be part of such arrangement
- Develop a robust IPR regulation policy to promote and encourage research by the faculty members

Recommendations for the Universities/HEIs:

- Work towards trans- disciplinary and transnational research that can address the societal issues while contributing to nation's growth. A dual approach for ultra specialization along with inter and multi-disciplinary research should be adopted rather than focusing on either one
- HEIs must facilitate ideation, cross-disciplinary experience, adopt dynamic curriculums and industry partnerships for both the faculty and students
- HEIs need to think disruptively to foster R&D that could address the issues of tomorrow. Faculty and students have to be prepared to be more enterprising and build tolerance towards failure
- Each HEI should identify its bandwidth, position, strength, cultural/regional context and strategically define the research and innovation areas to work upon. A 'one size fits all' approach will not work

Key takeaways:

- Frame and effectively implement a facilitative IPR policy.
- The NRF as proposed in the NEP 2019 should be urgently implemented.



L to R: **Prof Sharmila Katre**, Dean, Academic Development and Innovation, Pearl Academy | **Prof Pramod Nayar**, Director-Institution of Eminence, University of Hyderabad | **Prof Rupmanjari Ghosh**, Co-chair, FICCI HE Committee & Vice Chancellor, Shiv Nadar University | **Dr Sandeep Sancheti**, Vice Chancellor, SRM Institute of Science and Technology | **Prof Souvik Bhattacharya**, Vice Chancellor, BITS Pilani | **Mr Sahil Chalana**, Founder, Collegedunia

Academia : Economic Actors/Nano Enterprises Engagement

The rural economy contributes 46% of India's GDP and about 70% of India's population lives in rural areas. Further, about two thirds of rural income is now generated in non-agricultural activities and more than half of the value add in manufacturing sector in India is contributed by rural areas. The rural economy witnesses many of the small enterprises (called nano-enterprise) operating in a fairly informal manner in the remote areas. Given their significant contribution to the Indian economy and their potential to scale-up, it is extremely important to look at how universities/HEIs can work towards formalizing them and providing them the impetus to leapfrog

Recommendations for Government:

- In line with UN's SDG goals, there should be a strong focus on developing 'Sustainable Economic Zones', rather than 'Special Economic Zones'. A mechanism needs to be created for financing the nano-enterprises and scaling them up
- Create an enabling ecosystem, where all stakeholders, (including the central and state governments, district administrations, gram panchayats and the industry,) work together and each one is apprised of the benefits of enabling the nano enterprises
- Create an affordable, yet a quality higher education system in rural parts of the country.
- Leverage technology to create wider outreach of the HEIs with the rural enterprises and connect them to the global industries

Recommendations for the Universities/HEIs:

- Develop an entrepreneurial mindset amongst students and prepare them to face the roadblocks and the possible failures on their entrepreneurial journey
- Develop a systemic approach for community internships and community-based research to use the university's knowledge and expertise to address the issues within the communities, especially in the rural areas
- Focus on experiential learning, continuous learning and developing transferrable skills to prepare the students for real life challenges

Key takeaways:

- Strong focus for HEIs to effectively integrate vocational education and create lifelong learners who can contribute to the society's and nation's growth
- Create a strong and cohesive governance mechanism that should include industry, academia, communities and state and regional govt agencies



L to R: **Dr Dan Rycroft**, Chair-India Dialogue, University of East Anglia, UK | **Mr Diptiman Das**, Chairman & MD, EdCIL
Dr Achyuta Samanta, Founder, KIIT | **Prof Ms Rajita Kulkarni**, President, Sri Sri University | **Prof Partha Mukhopadhyay**, Senior Fellow, Centre for Policy Research | **Dr R K Shevgaonkar**, Vice Chancellor, Bennett University
Mr Michael Klemm, Regional Director- South and South East Asia, Minerva Schools

Leadership in Higher Education

Leadership in higher education is one of the most dynamic components in ensuring that the university/HEI continues to operate from the top down with integrity. Amidst rapid technological disruption and radical changes in the conventional format of teaching-learning, it is imperative that the capabilities of leaders in higher education should completely fit into the required framework. Effective leadership with futuristic approach is the key to take the higher education sector to the next pedestal.

Recommendations for Government:

- Government should focus and create dedicated funds for the capacity building of academic leaders in areas of new age technology and research. Senior faculty members who would potentially become university and HEI leaders in due course should also be looked into
- Develop a robust leadership recruitment process to ensure competent and disruptive leaders are inducted in the system. Experienced industry professionals having an academic bent of mind should also form part of the talent pool
- Government should bestow more financial autonomy to the higher education leaders so that they can expand feely and upgrade the infrastructure of institutions

Recommendations for the Universities/HEIs:

- Higher education leader, while displaying a transformational leadership, should be able to foster collaborative relationships within the institution, develop trust amongst stakeholders and work towards quality augmentation of the institution with a 'student-centric' approach
- Higher Education leaders should be mandated to promote start-ups, setup incubation centres, mentoring clubs, and undertake accelerator programs in the Universities and HEIs
- Faculty member should have the autonomy and be encouraged to undertake inter and multi-disciplinary research
- Every HEI and university should be encouraged to participate in the rankings and rating process
- The academic leader should identify the institution's strength, understand regional issues, and pool in resources and bandwidth and create a futuristic vision for the University and HEI

Key takeaway:

- Identify and cultivate academic leaders who understands the futuristic trends, strategies, and is able to implement best practices and ensure growth of the HEIs and the sector



L to R: **Prof Souvik Bhattacharya**, Vice Chancellor, BITS Pilani | **Dr C Raj Kumar**, Vice Chancellor, O P Jindal Global University | **Dr Vidya Yeravdekar**, Chair- FICCI HE Committee & Pro Chancellor, Symbiosis International University | **Dr N Saravana Kumar**, Secretary, Department of Agriculture, Bihar | **Prof Ramgopal Rao**, Director, IIT Delhi | **Mr Sachin Jain**, President, Bennett University Schools

Disruption in Higher Education

Shifting skills, digital transformation, and the industrial revolution has brought about a radical shift in higher education in terms of its structure and function. It is time to coherently create India's transformative story- one built on future foresight - as a driving force for disruptive change.

Recommendations for Government:

- Government should create policy framework that encourages disruptive innovation in higher education. The draft NEP 2019 must clearly state the government's vision and approach towards promoting an ecosystem of disruption in higher education
- Enabling ecosystem should be created for seamless transfer of credits and mobility of students between universities and HEIs
- Standalone HEIs must be encouraged and incentivized to adopt and practice disruptive/ innovative pedagogies

Recommendations for the Universities/HEIs:

- According to a report by the World Economic Forum, the top three skills required in 2020 are critical thinking, creativity and problem-solving. Universities and HEIs must develop and accordingly align to disruptive curriculum.
- Equip the faculty to adopt the new age technologies and keep abreast with the global trends and best practices and incentivize teachers who proactively engage in this.
- Develop strong Industry connect and create an ecosystem at the institution that ensures lifelong learning, experiential learning, and practices engaged research.

Key Takeaways:

- Robust and enabling ecosystem that encourages disruptive practices within HEIs and universities
- Effective and sustained industry-institute engagement leading to the adoption of good disruptive practices.
- Focus on experiential learning, continued learning and developing transferrable skills to prepare the students for life.



L to R: **Mr Vikas Gupta**, MD, Wiley Publications | **Dr Ajit K Chaturvedi**, Director, IIT Roorkee | **Dr Rajan Saxena**, Vice Chancellor, NMIMS | **Mr PrahladKakar**, Founder Director, Genesis Film Production | **Mr Raghav Gupta**, MD- India and APAC, Coursera | **Mr. Srinivas Garimella**, Director – Education, Microsoft India

Testimonials

“I would certainly treat this as a memorable experience. Thanks to all of you and FICCI.”

Dr K Kasturirangan
Chairman-Drafting Committee
NEP2019

“Great platform to showcase our brand globally.”

Manav Rachna
Educational Institution

“If you like to know about the latest developments in India's higher education sector as well as connect with decision makers from universities, government, industry bodies and other stake holders, this conference is the one you should attend. Thanks FICCI for organizing this important event bringing together the whole gamut of India's higher education sector.”

Minerva Schools
USA

“Thank you for the discussions and panels over the two days. We at the University of Hyderabad would be immensely delighted to partner, work with, collaborate on your Higher Education projects and ideas.”

University of Hyderabad

“The organized sessions were very interesting and full of useful crucial information. The participation of the President of India was very significant..”

Tashkent State
Pedagogical University
Uzbekistan

“This event has been an eye opener and a big networking possibilities for the upgradation of our School of Design.”

UNIVERSITI TEKNOLOGI
Brunei

“FICCI HES is indeed a valuable opportunity for educationists and institutions driven to cater student needs in Higher Education. It is a great platform to show case and meet people of diverse culture and nationality and have a glimpse of their academic practice”

SRM University

“We Have Gained A Lot Throughout This Summit. It Has Helped Us in exploring partnership opportunity and we look forward To Work Upon the agreements with the Indian Universities”

Sangeni Abroad Education
Tanzania

“Excellent platform to explore opportunities for higher education for our students”

Indian School Sohar
Oman

Media Coverage

Online

FICCI Higher Education Summit and Exhibition 2019 was promoted exclusively to industry, academia and government, both nationally and internationally through a carefully planned multi-media campaign. An extensive PR, advertisement, Email shots, Linked-in advertisement, magazines, effective follow-up, direct marketing campaign and road-show were executed.

Online media coverage

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Contact us

For Conference :

Rajesh Pankaj

Additional Director, FICCI
011-23487316, 9868475652
rajesh.pankaj@ficci.com

Nidhi Jain

Senior Asst Director, FICCI
011-23487362, 07838777088
nidhi.jain@ficci.com

Priyanka Upreti

Assistant Director, FICCI
011-23487246, 9871534108
Priyanka.upreti@ficci.com

For Exhibition

Mayank Rastogi

Deputy Director, FICCI
9717110799
Mayank.rastogi@ficci.com

Vivek Mishra

Assistant Director, FICCI
9015830574
vivek.mishra@ficci.com