

**Track 6- Education, Rehabilitation Sciences, Fashion Technology, Fine Arts, Architecture & Design and Journalism & Mass Communication**

**Session No.: 6.1**

**Panel Discussion Session Topic: Sports Entrepreneurship: Emerging Business Opportunities in VUCA Environment**

**Day & Date: Thursday, 20<sup>th</sup> January 2022**

**Time: 12:00 PM – 1:30 PM**

**Overview:**

It is considered that sports to be accessible, engaging, entertaining as well as be economically viable, entrepreneurship is the key answer. Entrepreneurship is an act that drives an entrepreneur towards creating an enterprise and adding value to the new socio-economic order. On the other side, Universities have become a breeding ground or a hatchery for these incumbent entrepreneurs by providing education in sports and allied areas that nurtures creativity and innovation to the new breed of so-called entrepreneurs. These educational hubs or entrepreneurial universities intend to provide a good environment, culture, opportunities, and practices that enhance student entrepreneurship. We can term this as a golden age where the world is passing through turbulence, thereby giving enough chance to be entrepreneurially innovative. Implying, being creative, understanding an opportunity and translating it into a business proposition. The role of Higher Educational Institutions (HEIs) and the Physical Education department is critical in promoting a culture of entrepreneurship in the sports sector. The traditional model is over with the rising challenges in building the economy. We must understand that the traditional operating model of a university cannot produce sufficient productivity gains to cover the gap in creating wealth creators. Therefore, HEIs need to embed an entrepreneurial approach to the present sports education systems.

**Session Objectives:**

The objectives of the sessions are as follows:

- To examine the sports education systems and discover the transformations required in the sports coaching and teaching programmes and Higher Education curriculum for enabling students to acquire entrepreneurial skills needed for the future.
- To gain perspectives on the approaches to integrate entrepreneurship education into the curriculum of higher education.
- To explore the Entrepreneurial ecosystem initiatives and best practices developed in universities with the collaboration of sports industry, associations and federations, to encourage students to choose the career of a sports entrepreneur.

**Key Questions to be explored:**

The idea of introducing entrepreneurship into sports education has gained significance in the last few decades. However, there are host of challenges in promoting sports entrepreneurship in universities and higher education curriculum. Therefore, this panel discussion will examine questions such as:

- How are the HEIs responsibly maneuvering and shaping young minds to be an important part of leveraging the economy?
- Are there different pedagogies/teaching methods for entrepreneurship education to influence the entrepreneurial intentions of students?
- How can all stakeholders to HEIs be engaged to promote entrepreneurship education within students?
- How can governments / Ministry of Education develop coherent policies for entrepreneurship education in Physical Education and Sports?
- What are the various priority action areas to be immediately addressed to encourage entrepreneurial education in physical education and sports?

**Session No.: 6.2**

**Panel Discussion Session Topic: Innovations in Indian Sports**

**Day & Date: Thursday, 20<sup>th</sup> January 2022**

**Time: 2.00 PM to 3.30 PM**

**Overview:**

It is considered that sports to be versatile and economically active, innovation and entrepreneurship is the key answer. Innovation in sports, health, fitness and allied areas has the potential and need to add value to the new socio-economic order. Sports associations, federations, clubs, academies and organizations are exploring new areas of innovation in sports through various technological advancements, management systems and processes. On the other side, Universities must play an important role of becoming a breeding ground or a hatchery for these innovations by providing education that nurtures creativity and technological advancements to the new breed of so called sports entrepreneurs. These educational hubs or universities intend to provide a good environment, culture, opportunities, and practices that enhance sports innovation. We can term this as a golden age where the world is passing through turbulence, thereby giving enough chance to be entrepreneurially innovative. Implying, being creative, understanding an opportunity and translating it into a business proposition. The role of Higher Educational Institutions (HEIs) and the Physical Education department is critical in promoting a culture to innovate in the sports sector. The traditional model is over with the rising challenges in building the economy. We must understand that the traditional operating model of a university cannot produce sufficient productivity gains to cover the gap in sports innovations and creativity. Therefore, universities need to embed an innovative approach to the present physical education and sports education systems to promote an effective ‘University – Industry’ relationship in the sports sector.

**Session Objectives:**

The objectives of the sessions are as follows:

- To examine the sports education systems and discover the transformations required in the academic programmes and Higher Education curriculum for enabling students to acquire sports innovation skills needed for the future
- To gain perspectives on the approaches to integrate technology, management education into the curriculum of physical education and sports

· To explore the sports ecosystem initiatives and best practices developed within universities aimed to encourage students to choose a career in sports, health and fitness.

### **Key Questions to be explored:**

The idea of introducing sports into education has gained significance in the last few decades. However, there are host of challenges in promoting sports education and physical education in the higher education curriculum. Therefore, this panel discussion will examine questions such as:

- How are the HEIs responsibly maneuvering and shaping young minds to be an important part of leveraging sports science in India?
- Are there different pedagogies/teaching methods and technological knowledge for sports science and physical education to influence the innovation in sports?
- How can all stakeholders to sport education be engaged to promote innovation and creativity within students?
- How can governments / the Ministry of Education develop coherent policies for advancements in sports?
- What are the various priority action areas to be immediately addressed to encourage technological, managerial and pedagogical advancements in sports sciences and physical education in universities?

### **Session No.: 6.3**

#### **Panel Discussion Session Topic: Indian Ed-Tech entrepreneurs: A Futuristic View**

**Day & Date: Thursday, 20<sup>th</sup> January 2022**

**Time: 3:45 PM- 5:30 PM**

#### **Overview:**

The digital revolution has impacted nearly every facet of our world, and education is certainly no exception. EdTech opens up prospects for customized learning based on a learner's knowledge, skills and interests, making learning more interesting and exciting for them. Disrupting traditional education like never before, fostering better learning experiences, creativity and collaboration among students, EdTech entrepreneurs are empowering educators with an ever-growing assortment of high-tech tools, enabling powerful breakthroughs in the way students learn and achieve more. The role of Higher Educational Institutions (HEIs) is critical in promoting a culture of entrepreneurship. New path to be navigated to achieve educational excellence in accordance with skilled and digital India. We must understand that the traditional operating model of a university cannot produce sufficient productivity gains to cover the gap in creating wealth creators. Therefore, HEIs need to embed an entrepreneurial approach to the present education systems.

#### **Session Objectives:**

The objectives of the sessions are as follows:

· To understand the changes and challenges in the field of Education for enabling future teachers to acquire entrepreneurial skills needed for the future

- To develop an insight about the integration of entrepreneurship education into the curriculum of teacher education
- To discover the avenues for Edu Entrepreneurs and best practices developed within universities aimed to encourage future teachers to choose them

### **Key Questions to be explored:**

The idea of introducing entrepreneurship into education has gained significance in the last few decades. However, there are lots of challenges in promoting entrepreneurship in the teacher education curriculum. Therefore, this panel discussion will examine questions such as:

- How are the Teacher education institutes responsibly maneuvering and shaping young minds to be an important part of leveraging the economy?
- Are there different pedagogies/teaching methods for entrepreneurship education to influence the entrepreneurial intentions of students?
- How can all stakeholders to HEIs be engaged to promote entrepreneurship education within students?
- How can governments / the Ministry of Education develop coherent policies for entrepreneurship education?
- What are the various priority action areas to be immediately addressed to encourage entrepreneurial education?

### **Session No.: 6.4**

### **Panel Discussion Session Topic: Continuity of Learning and Innovations in an era of Digital Transformation**

**Day & Date: Thursday, 20<sup>th</sup> January 2022**

**Time: 5:30 PM- 7:00 PM**

### **Overview:**

COVID-19 pandemic has proved to be a major transformational time in the history of educational setup. It has given us an entirely new panorama of the teaching-learning process where the combination of pedagogical literacy and digital literacy played a major role. Though this pandemic can never be considered a fruitful event but the innovations and digital transformations it has given, can prove to be a boon for us. These digital transformations maintained continuity in the teaching-learning process for teachers as well as for learners. All educational stakeholders used a variety of digital applications to provide seamless, continuous and comprehensive education to learners during the pandemic.

Digital learning has enabled learners to maintain a continuum in their learning. Their learning was never stopped rather it was enriched by various e-learning tools and applications. They were able to excel in their domains using different learning and evaluation tools. They were able to find out their capacities, hidden talents and interest areas by utilizing numerous learning portals available for them. This transformation is still giving enough options to our learners to learn, relearn and unlearn. Since the offline mode of teaching-learning has already started, yet a number of loopholes still exist for quality education. Learners are still interested in using various portals to supplement their offline classes. It clearly shows that digital literacy has now

very well embedded in our educational setting. No doubt, technology can never replace a teacher but for sure it always supplements the teaching-learning process.

The theme of the session is proposed to discuss the never-ending impact of technology on teaching-learning. It is supposed to highlight the application of digital platforms and other innovative transformations in maintaining the continuum of learning.

### **Session Objectives:**

The objectives of the sessions are as follows:

- To gain a perspective about the status of learning using the digital platform in post-pandemic phase.
- To explore the best economical innovative digital platforms that can assure continuity of learning for students especially disadvantaged sections.
- To propose a strategical plan for training teachers in digital learning for maintaining continuity in learning.

### **Key Questions to be explored:**

The idea of introducing innovation into education has gained significance since the world has encountered a pandemic. However, there are number of challenges in promoting and using digital learning platforms. Therefore, this panel discussion will examine questions such as:

- How can Governments / the Ministry of Education develop a policy that ensures equality of educational opportunity to each section of society if any situation like COVID-19 occurs in the future?
- How can public schools manage to teach students through the digital platform?
- What can be the action plan for overcoming challenges faced by teachers and learners during a pandemic?
- What are the challenges in ensuring continuity of learning through digital platforms?
- How can we strengthen online learning if schools get closed due to any unforeseen reasons?
- What are the issues which are to be immediately addressed to encourage innovative practices for continuity of learning?

### **Session No.: 6.5**

### **Panel Discussion Session Topic: Social and Sustainable Entrepreneurship: Empowerment of Persons with Disabilities**

**Day & Date: Friday, 21<sup>st</sup> January, 2022**

**Time: 10:15 AM – 11.45 AM**

### **Overview:**

Social entrepreneurship is a growing trend, reflecting a shift in contemporary policy towards entrepreneurship as viable employment options especially for individuals with disabilities. Entrepreneurship is intended to promote empowerment, support autonomy, reduce dependence on entitlement-based services, and reduce employment disparities while stimulating business and job creation. The percentage of Persons with Disabilities (PWDs) is undergoing a steady increase due to rising urbanization, health challenges, emerging disease burden, rising pollution

levels etc. Despite having pathbreaking legislation and policies, little work is done in the area of providing suitable and sustainable employment opportunities for those with a handicap. They are often stigmatized, regarded as unproductive citizens, who are considered a misfit for mainstream society. They are under-represented in the workforce, often facing discrimination by employers, not served and protected effectively. The development of entrepreneurship programs for people with disabilities is needed to combat these barriers, support empowerment and facilitate economic independence for people with disabilities. At the same time, sustainable development is an over-arching principle for meeting human development goals, and social entrepreneurship can act as an excellent supporting vehicle for promoting sustainability. It has the potential to positively impact the society through the creation of employment opportunities, start-up companies, entrepreneurs, in which they develop, fund, implement innovative and sustainable solutions to challenges spanning social, cultural, environmental issues. Sustainable social enterprises will protect their rights and provide opportunities for full and equal participation. Thus, a strong need is felt for social and sustainable entrepreneurship for empowering Individuals with Disabilities (IWDs).

### **Session Objectives:**

- To understand the various aspects of social and sustainable entrepreneurship, its needs, aims with special relevance to Empowerment and Employment generation for those with special needs.
- To help PWDs identify sustainable opportunities and mobilize resources.
- To support agencies, individuals, NGOS and employment sectors/ organizations to initiate entrepreneurial opportunities for employing Persons with Disabilities or cater to their dreams of assisting in various employment forms such as sheltered, self or supported forms of employment.
- To explore the impact of this approach on the holistic and sustainable development of a suitable environment, positive self-growth among PWDs, social skill development, soft skill training and independence of PWDs will also be deliberated and discussed.

### **Key Questions to be explored:**

- What do we mean by sustainable social entrepreneurship in context of PWDs?
- How sustainable development goals can be used to promote job creation, retention and vocational success for PWDs?
- How to promote offices/industries/ centres to employ Persons with Special Abilities, create and meet supply chain needs or even address the very basic quest of being an entrepreneur?
- How to effectively cater to the need of PwDs as employees or entrepreneurs in their quest for financial freedom and self-development through financial opportunities available, schemes of government?
- What are the priority areas to be addressed for promoting social and sustainable entrepreneurship for the empowerment of Persons with Disabilities?

**Session No.: 6.7**

**Panel Discussion Session Topic: Thinking and Practicing Art in New World**

**Day & Date: Friday, 21<sup>st</sup> Jan'22**

**Time: 2.00 pm - 3.30 pm**

**Overview:**

Artist speaks about self and shares the experience of being an artist. The construction and execution of ideas through art starts with an aim, dream, and aspiration. The journey of the artist's venture and contributions is widely observed. The characteristics exhibited by the artists' creation reflects the significant aspects of practices with the art. Influences and individual styles may refer to ancient and traditional art forms. There are challenges in developing one's language for expression and execution. Exhibiting the art nationally or internationally, honours, encourages and inspires the artist. Drawing inspiration, the learners tend to gain confidence while engaging in the field of art. The scholarly interactions with experts and art practitioners intend to provide a conducive environment, culture, opportunities, and practices that enhance the student's professional practices. Therefore, it is very important for HEIs to embed a creative approach to leverage thinking and practicing art in a new world. Practicing any form of art is a struggle and it goes deeper when these artists undergo a pandemic-like situation.

**Session Objectives:**

The objectives of the sessions are as follows:

- To understand the perception and concepts of artwork executed by the artist
- To explore the education, which leads to inspiration, practice and professionalism
- To acquire knowledge for enhancing skills and creativity for pursuing as an artist
- To inculcate integrated skills required for the future with a career as an artist

**Key Questions to be explored:**

The idea of sharing work experience along with achievement will inspire future generations, who intend to build careers in the field. How an artist faces the pandemic situation while continuing his/her art practice is a thought? Therefore, this panel discussion will observe questions such as:

- What are the influences reflected in your artworks?
- Are there different pedagogies, teaching methods for art education that influence the artist?
- How does an artist's childhood affects his/her life and art?
- How you have dealt with the pandemic situation as a professional artist?
- What is your experience in your online exhibitions and art events have taken over by you?
- Does success bring happiness?
- What are the various guidelines for future careers addressed to encourage creative practice?

**Session No.: 6.8**

**Panel Discussion Session Topic: Fashion Industry in VUCA world: Industry 5.0**

**Day & Date: Friday, 21<sup>st</sup> January 2022**

**Time: 3:45 PM- 5:30 PM**

## **Overview:**

The current fashion world has become more uncertain, complex and volatile in a highly competitive fashion market with limited business opportunities. In this scenario, entrepreneurship has emerged as a new avenue for risk takers. However, the process to be an entrepreneur and approach to operating a business in VUCA situations needs to be explored, especially in the Indian fashion industry. The fashion consumer has become more conscious post-pandemic and it brings to a fundamental realisation that a bare minimum consumable were required to survive and offset needs. Due to these low sentiments among consumers, it is likely possible the demand for essentials among fashion consumers will loom for a long time. The only way to survive for the fashion industry is to accept this harsh reality and start adapting to this change by tweaking their business model. To deal with this uncertainty in apparel demand, lean manufacturing intends to provide a solution to the problems of increased production and inventory in the fashion industry. At the same time responsible consumerism because of the pandemic has brought digitalisation and innovation to the forefront in a fashion-based business. Adapting to complex situations has opened doors to newer opportunities. The next leap of entrepreneurship in fashion must work towards adaptive leadership, integrated with innovative yet sustainable approaches towards fashion. The ability to innovate and reflect flexibility in a volatile business environment has offered new horizons to explore for homegrown fashion entrepreneurs.

## **Session Objectives:**

The objectives of the sessions are as follows:

- To discuss the challenges and opportunities for fashion entrepreneurs in the current volatile business environment
- To explore the new approaches towards data-driven, sustainable and digital fashion
- To examine the viability of simplified approach from fast fashion to slow fashion post-pandemic

## **Key Questions to be explored:**

Entrepreneurship in the fashion industry is evolving newer dimensions in thriving a competitive business environment. However, in the current scenario of ambiguous and uncertain consumer demands, one needs to address these questions before dwelling into the fashion business

- How do you plan your fashion business in a VUCA world?
- Will AI-based data-driven fashion be the future of the fashion industry?
- How can entrepreneurs attain sustainable and profitable fashion businesses?
- Will the trend towards simplified and slow fashion remain in the long term?

## **Session No.: 6.9**

**Panel Discussion Session Topic: Identifying entrepreneurial opportunities in sustainable solutions like eco-innovation and clean technology: cohesion of diverse disciplines in design**

**Day & Date: Friday, 21<sup>st</sup> January 2022**

**Time: 5.30 PM to 7.00 PM**

**Overview:**

Today's world faces several obstacles. This covers environmental issues, such as climatic change caused by man-made greenhouse gas emissions, as well as societal issues, such as growing economic disparity and other kinds of social injustice. Businesses are reacting to these difficulties in a variety of ways. Some organisations have unfortunately accepted deteriorating environmental, economic, and social situations and are coping by adjusting to constraints. Other groups emphasize the importance of choosing between doing what is good for the environment and society and doing what is good for the economy. Addressing environmental and social issues can lead to economic possibilities that benefit both the economy and society. This is one of the fundamental concepts of sustainable business operations also. We can term this as a golden age where the world is passing through turbulence, thereby giving enough chance to be entrepreneurially innovative. Implying, being creative, understanding an opportunity and translating it into a business proposition. We must recognise that a university's conventional operating model cannot provide substantial productivity increases to close the gap in developing wealth creators. As a result, it is critical for Higher educational institutions (HEIs) to inculcate an entrepreneurial mindset into the current education system pertaining to sustainable solutions in a variety of design disciplines.

**Session Objectives:**

The objectives of the sessions are as follows:

- To examine the educational systems and discover the transformations required in the academic programmes and Higher Education curriculum for enabling students to acquire entrepreneurial skills needed for diverse disciplines of Design
- To gain perspectives on the approaches to Identifying entrepreneurial opportunities in sustainable solutions like eco-innovation and clean technology
- To explore the Entrepreneurial sustainable ecosystem initiatives and best practices developed to achieve the highest sustainable economic growth and employment.

**Key Questions to be explored:**

The idea of introducing entrepreneurship into education has gained significance in the last few decades. However, there are host of challenges in promoting entrepreneurship in the higher education curriculum. Therefore, this panel discussion will examine questions such as:

- How can we improve the present situation by using sustainable solutions and processes?
- How do we understand the synthesis of sustainable solutions in design?
- How can architecture and design graduates in diverse disciplines build their vision for the future using sustainable design solutions?
- What kind of government support does the industry and design graduates get in applying sustainable solutions in varied projects?
- At what point do the real constraints, such as budgets, come into the process?
- What role does sustainable design play in online/digital learning's evolution?

**Session No.: 6.10**

**Session Topic: Indian Film Production, Exhibition & Distribution During the Pandemic: The Challenges, Innovations & Future**

**Day & Date: 22<sup>nd</sup> January 2022, Saturday**

**Time: 10:15 AM to 11:45 AM**

**Overview:**

The session aims to discuss how the Covid-19 pandemic has created a historic low in the production of Entertainment products while, simultaneously, the consumption of content is at a historic high. The challenges towards production have compelled the Indian film industry to re-think, re-work and revise the older modes of functioning, especially in terms of the distribution and exhibition of films. It has created the need to find innovative ways to distribute and exhibit audio-visual content to meet the high demand among audiences. The session will delve into the entrepreneurial scope provided by the presence of new or changing exhibition and distribution opportunities. The expert panellists will provide significant insight into what the future of content creation, distribution and exhibition might look like in these transformative and challenging times. Additionally, the proliferation of OTT platforms and social media content consumption have also transformed smartphones into virtual screen spaces. In such an environment it is essential to try and decipher the impact of increased content demand and accompanying production limitations from the perspectives of leading industry practitioners.

**Session objectives:**

- To enable students, faculty and related stakeholders to understand the various dimensions of the everchanging production, distribution and exhibition structures through the professional experiences, opinions and learned perspectives of our expert panellists.
- To decipher the future of media content creation and its opportunities for new professionals.
- Debate and analyse a holistic, in-depth and thorough understanding of the topic.

**Key Questions to be explored from the theme**

- Has the increase in demand for content led to a revival of classic or previously successful TV or film content? (Nostalgic value)
- Can it be said that pandemic restrictions on film and tv productions are becoming responsible for more efficient, cost-effective and streamlined productions and crew selection? Are smaller production teams and setups more productive? (Are entry costs coming down?)
- How has the distribution of content been impacted due to the pandemic? Would you consider that these changes are beneficial in the long run? (If everyone is making films, who is watching them?)
- Would you consider the massive proliferation of exhibition platforms due to the pandemic a boon or bane? (Does cream rise to the top? How local / localized is the popularity of content?)

**Session No.: 6.11**

**Panel Discussion Session Topic: Disruptive Innovations in Media Industry**

**Day & Date: Saturday, 22<sup>nd</sup> January 2022**

**Time: 12.00 PM – 1.30 PM**

**Overview:**

The Media industry ecosystem has undergone major transformations due to the emergence of disruptive innovations. When industry ecosystem incumbents have dynamic organizational capabilities, making necessary strategic changes could additionally exploit disruptive innovations. New-age technologies have made a major impact in the media industry, allowing it to transform and become more sophisticated. Innovations in the media industry, content, and the entire delivery process have ensured that media is engaging, exciting, and accessible anywhere, anytime. Such technologies are still evolving and will continue to enhance the audience experience.

**Session Objectives:**

The objectives of the sessions are as follows:

- To examine the media industry and ascertain the disruptive innovations for benefit of media students to acquire innovative approaches and entrepreneurial skills needed for the future.
- To explore the innovative ecosystem of the media sector and best practices developed within organizations aimed to encourage students to choose the career of a media entrepreneur
- To gain perspectives on the approaches to integrate entrepreneurship and innovation into the curriculum of education.
- To understand how new disruptive innovations in media are being exploited for success in Media entrepreneurship.

**Key Questions to be explored:**

The idea of media entrepreneurship has gained significance in the last few decades with the use of AI, 5G wireless technology, AR/VR and Big Data. However, there are discussions on the right use of these technologies and the transformation of the media ecosystem. Therefore, this panel discussion will examine questions such as:

- How are the media organizations responsibly using these disruptive innovations and technologies to leverage the economy?
- Examine how can media entrepreneurs/students exploit disruptive innovations to build their careers?
- Analyse how can governments / Ministry of Information and broadcasting develop coherent policies for entrepreneurship in media?
- How can media giants help students and entrepreneurs to use disruptive innovations and be a part of the media ecosystem?

**Session No: 6.11**

**Panel Discussion Session Topic: Disruptive Innovations in Media Industry**

**Day & Date: Saturday, 22<sup>nd</sup> January 2022**

**Time: 12.00 PM – 1.30 PM**

**Overview:**

The media industry ecosystem has undergone major transformations due to the emergence of disruptive innovations. When the industry ecosystem incumbents have the dynamic organizational capability and integrate necessary strategic changes, they could exploit disruptive innovations. New-age technologies have made a major impact in the media industry, allowing it to transform and become more sophisticated. Innovations in the media industry, content, and the entire delivery process have ensured that media is engaging, exciting, and accessible anywhere, anytime. Such technologies are still evolving and will continue to enhance the audience experience.

### **Session Objectives:**

The objectives of the sessions are as follows:

- To examine the media industry and ascertain the disruptive innovations for benefit of media students to acquire innovative approaches and entrepreneurial skills needed for the future.
- To explore the innovative ecosystem of the media sector and best practices developed within organizations aimed to encourage students to choose the career of a media entrepreneur
- To gain perspectives on the approaches to integrate entrepreneurship and innovation into the curriculum of education.
- To understand how new disruptive innovations in media are being exploited for success in Media entrepreneurship.

### **Key Questions to be explored:**

The idea of media entrepreneurship has gained significance in the last few decades with the use of AI, 5G wireless technology, AR/VR and Big Data. However, there are discussions on the right use of these technologies and the transformation of the media ecosystem. Therefore, this panel discussion will examine questions such as:

- How are the media organizations responsibly using these disruptive innovations and technologies to leverage the economy?
- How can media entrepreneurs/students exploit disruptive innovations to build their careers?
- How can governments / Ministry of Information and broadcasting develop coherent policies for entrepreneurship in media?

How can media giants help students and entrepreneurs to use disruptive innovations and be a part of the media ecosystem?

### **Session No: 6.12**

### **Panel Discussion Session Topic: Architecture and Computational Design Aligned with Industry 5.0 and Beyond**

**Day & Date: Saturday, 22<sup>nd</sup> January 2022**

**Time: 02:00 PM- 3:30 PM**

### **Overview:**

Industry 5.0 is aspiring the field of Architecture and Design towards a paradigm shift through continuous technological interventions and advancements. It poses a challenge of

synchronising human creativity and design complexities with state-of-the-art automation. At the same time, Computer-Aided Design (CAD) is being rapidly replaced by Computational Design tools, envisaged as the future for design. In the present form of architecture, computational design has facilitated architects to set a new benchmark in design, which can be termed as “Parametricism with the parameters that matter”. The conventional ways of architectural representation through three-dimensional visualisations are expected to be replaced by ‘Virtual Reality and Augmented Reality technology. This session is aimed to congregate experienced panellists, sharing knowledge for collaborative formulation and understanding of the concepts, their scope, relevance, and applications intended for the professionals, scholars, and students. Thus, orienting themselves with the opportunities of Industry 5.0. The outcome of the session is also to harness entrepreneurship prospects in this field.

### **Session Objectives:**

The objectives of the session are as follows:

- To associate with the most recent innovations, trends, and concerns in Computational Design.
- To articulate the concept, scope, relevance, and myriad applications of Computational Design.
- To relook the pedagogies/teaching techniques and appraise the transformations required in the academic programmes to acquire knowledge of computational design and to make them industry-ready.

### **Key Questions to be explored:**

- How can computational design provide the desired cutting edge to the aspiring entrepreneurs in the field of architecture and design?
- How has Computational design contributed towards enhancing the quality of design and execution of the projects?
- What are the ways for reducing the gap between academia and industry to implement the application of Computational design in pedagogies/teaching methods?
- What are the required skills sets in architecture and planning studios for developing cognitive learning on account of the rapidly changing entrepreneurial ecosystem?