

**MCT**  
**MANJARA CHARITABLE TRUST**  
**COLLEGE OF EDUCATION AND**  
**RESEARCH**

Recognized by NCTE and Affiliated to University of Mumbai

Sector 4, Airoli, Navi Mumbai -400708

[mctbedcollege.org](http://mctbedcollege.org)

**Under IQAC**

**Organizes**

***International Webinar***

**On**

***21st Century Skills for***

***Sustainable Development Goals***

**20th APRIL 2022**



**Eduskills**

Future Learning

Students' Learning

# About Us

Manjara Charitable Trust is a renowned trust in Maharashtra, founded by India's distinguished administrator, Shri Vilasraoji Deshmukh in 1988. It is a social welfare organization whose goal is economic, social, political, and cultural upliftment of the masses in Maharashtra by providing quality education.

In keeping with the ideals of the Trust, MCT's College of Education and Research has been for nearly four decades serving the needs and interests of the people. Manjara Charitable Trust (MCT) College of Education and Research has been in the forefront imparting high quality Teacher Education and is one of the best colleges in Navi Mumbai. The MCT's College of Education & Research, Airoli established in 2005, is affiliated to Mumbai University and approved by NCTE. Since its inception, College is experiencing remarkable growth both qualitatively and quantitatively.

The College is governed by the voice of the many, a shared responsibility of faculty, Academic staff, and students respectively. From a modest beginning and as a result of the judicious application of limited resources, College has grown into an established eminent Teacher Education Institution within one and a half decades. It stands in the midst of an ever-expanding revolution in communication, which influences fundamentally the technology and practices in Education.

# About the Theme

Twenty first century condition demand skills for healthy, peaceful, harmonious, meaningful, and full living under highly complex socio-cultural-political economic demographic and environmental conditions. In a swiftly and speedily changing technology-infused universal society, the students will need 21st century skills to succeed.

Educational scenario has dramatically changed. Education ought to be science based, skill based, and technology integrated. So, there is need to integrate skills in Education. There are numerous 21st century skills like life skill, techno-pedagogical skill, etc which various task demand like the Information age skills, system thinking skills. Education sector in India ought to have skill, scale, and speed to realize sustainable development. All Educational institution of India should work towards realizing skill sensitivity.

## Objectives

- To develop understanding of the 21st century Edu-Skills.
- To instil 21st century skills in context to information age skills, systems thinking skills to realize sustainable development goals.
- To encourage designed thinking and innovation in Education.
- To contemplate on the skill gap between the Industry and the Education system

# Resource Persons

## **PROF. DAVID WITTENBERG**

An innovator, an entrepreneur, and a teacher and also a mentor to innovators and entrepreneurs, Prof. David's career spans more than 40 years. Currently professor of Entrepreneurial Innovation at the Indian School of Management and Entrepreneurship, David specializes in Design Thinking. The author of *The Executive's Guide to Innovation*, David helps companies to apply Design Thinking to invent solutions worth hundreds or even thousands of crores. A lifelong innovator, David holds two patents, has written six books, is a published songwriter, and has created four business solutions that each generated more than one million dollars.

## **Dr K. THIYAGU**

Dr. K. Thiyagu's main areas of specialization are Descriptive Statistics, Inferential Statistics, Multivariate Data Analysis Techniques, and Educational Research Methods. He is also expertise in Learning Management Tools, Web Tools for Education, Online Assessment Tools, Mobile Apps for Education, Augmented Reality in Education, Artificial Intelligence in Education, Education 4.0, Free Open-Source Software, and Open Educational Resources. He had successfully completed more than 40 Massive Open Online Courses on different platforms such as Coursera, Udemy, and SWAYAM. He has published four books in the area of ICT in Education. He has developed seven modules (Four quadrants) for two of the NRC-ARPIT courses offered through SWAYAM platform.

## **Dr NARENDRA DESHMUKH**

Dr Narendra Deshmukh is working at Homi Bhabha Centre for Science Education, TIFR, Mumbai, India as Senior Scientific Officer-E since 1991. His research areas are Students' Conceptions and Misconceptions, Open Educational Resources, Activity Based Science Learning, Participatory Action Research, Topic Specific Pedagogical Content Knowledge and interested in Tribal & Rural Education, Health Education, Biology Education and Teacher Education. He shared his research experiences in many national and international conferences and published in journals. He is author of 6 books, participated in 4 books and 6 courses, 3 technical reports. He is associated with many national and international educational, biology education research associations.

# Programme Schedule

## **Inaugural Session**

10.00 am

### **Session 1 by**

**Prof. David Wittenberg**

**(Design Thinking in Education)**

10.30 am - 12.00 pm

### **Session 2 by**

**Dr K. Thiyagu**

**(Artificial Intelligence in Education)**

12.00 pm - 1.30 pm

### **Lunch Break**

1.30 pm to 2.00 pm

### **Session 3 by**

**Dr Narendra Deshmukh**

**(Understanding 21st Century Skills for**

**Sustainable Development Goals)**

2.00 pm - 3.30 pm

### **Report Reading and Feedback**

3.30 pm - 4.00 pm

**Concluding the Webinar with National Anthem**

4.00 pm

## **Who can Participate**

**Teacher Educators, Pre-service and Inservice Teachers.**

## **Guidelines for the Participants**

**Registration is free**

**E-certificate will be provided to all the Participants after filling the Feedback form.**

**Please click here for Registration**

**Please click here to join the WhatsApp group**

## **Contact**

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**Asst. Prof. Divya Belchada - 9594575469**

## **Organizing Committee**

**Convenor**

**Principal**

**Dr. Savita Sable**

**Co-ordinator**

**Mrs. Sindhu Thomas**

**IQAC Co-ordinators**

**Dr. Rachana Patil**

**Dr. Jyotirmayee Nayak**

**Organizing Committee**

**Mrs. Divya Belchada**

**Mrs. Bhavna Panchal**

**Mrs. Supriya Kabse**