





# TOHA BONZ

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# **ABOUT US**



Sandip Foundation was established with the core objective of rendering selfless, dedicated and yeomen service to higher education in Engineering branches, Management, Arts, Science, and Paramedical Sciences.

The trustees of Sandip Foundation have been involved in the field of higher education from the past fifteen years. During this gestation period the trustees have rendered valuable services to thousands of students. In our endeavor to supplement the cause of professional education, we have instituted multi-dimensional courses spread in various fields with its roots established at Nashik. We believe in offering education that is converted to knowledge with high end infrastructure and a pleasant atmosphere.

## **SANDIP INSTITUTE OF TECHNOLOGY & RESEARCH CENTRE:**

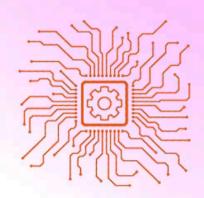


The flagship Institute of Sandip Foundation, 'Sandip Institute of Technology and Research Centre' was established in the year 2008-2009, initially with four Engineering courses. Approved by All India Council for Technical Education, New Delhi and recognized by the State Government while being Affiliated to University of Pune.

The institution is decked up with world class infrastructure which includes State-of-the-Art Laboratories with modern equipment's, Library having books twice than the norms by AICTE, National and International Journals (including e-journals), ample reference books of various authors to cater the student needs and provide knowledge beyond the syllabus. Class rooms with ceiling mounted LCD Projectors, AC seminar halls, laboratories, Amphitheatre to cater the need of all sorts of college festivals, sports facilities, Hostels with well crafted rooms and a clean and energetic canteen for rejuvenating breaks.

The modern infrastructure standards are complimented with lush green lawns and trees around the campus which make the atmosphere in and around the institution a pleasant place to learn, gain and apply the knowledge. The highly efficient faculty boosts the morale of the students and makes them go a step beyond the ordinary and also harness campus placements.

#### **DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING:**



Electronics and Telecommunication Engineering Department have separate building with spacious laboratories. The department of E&TC built on 1000 sq.meter area with 3 story building having lower ground, upper ground & first floor. Department have PG course in VLSI and Embedded Systems. Special research lab is allocated to students for their research activities. Major equipments available for experimentation are DSO, OTDR, High Configuration CRO, Spectrum Analyzer, Logic Analyzer and High End computers. Department has 10 Laboratories having cost of Rs. 80 Lacs. All laboratories are facilitated with latest software such as MATLAB, TRITON, PROTEUS, CADENCE, ALTERA etc. Also department has well developed library apart from college central library. Apart from college central library, dept. Also has a very well developed library.

Classrooms are equipped with latest teaching aids like LCD Projector. All the computers in department are connected through networking with internet facility. Department has got the UPS & generator back up.

Department is much serious about students placement. Different companies visited to department are Syntel India Pvt. Ltd., Pune, Core Technologies, Kolhapur, Wipro Technology, Pune, Shivannad Electronics, Nashik etc.



# From the CHAIRMAN'S Desk

Sandip Foundation was established in 2005 with a vision of creating an education system from which the leaders of tomorrow emerge. Since our inception we have been aware of our strengths, motives and goals which we have set out to achieve.

Whejourney, athroa Hachwasa dream and the tools of foresight and strategy. We combined these forces to pave a path of growth towards excellence and merit.

# DR. SANDIP KUMAR JHA

Sandip Foundation was established in 2005 with a vision of creating an education system from which the leaders of tomorrow emerge. Since our inception we have been aware of our strengths, motives and goals which we have set out to achieve. When we embarked on this journey, all we had was a dream and the tools of foresight and strategy. We combined these forces to pave a path of growth towards excellence and merit.

# Vision & Mission of the Institute

#### VISION

To be acclaimed institution for learning and research.

#### **MISSION**

- To impart in-depth technical knowledge.
- To create conducive environment for research, innovation and entrepreneurship.
- To instill the social and cultural values.

# Vision & Mission of the Department

#### VISION

To be a preferred department, offering contextual relevant education emphasizing on the research and innovation.

#### **MISSION**

- Promoting contextual relevant curriculum.
- Enabling OBE based effective teaching learning practices
- Promoting industry relevant modern education tools
- Nurture innovation and creativity through experiential learning.
- Inculcating ethics and soft skills leading to the overall personality

# PRINCIPAL'S

# message



#### DR. MILIND M. PATIL

It gives me immense pleasure to welcome you to Sandip Foundation's SITRC. Our aim is to impart top-quality technical and managerial education in a multicultural environment with the best facilities and a dedicated teaching staff to bring you the best of knowledge.

The modern infrastructure, an exemplary set of dedicated teaching professionals and the exhilarating atmosphere of the campus will surely take you to enviable heights in your intellectual development and help you achieve your future endeavors. To impart training we have a team of individuals with in-depth knowledge and industrial experience in the latest technical fields. Our sole purpose is to develop high quality technical personnel with sound knowledge on basic engineering & managerial principles who are able to adapt themselves to the ever changing business environment along with the highest ethical and moral values.



desk



DR. MRS. G. M. PHADE

We believe, our acts and omissions in our day to day life should be screed and channelized in the broader framework of these core values of San ap Foundation. I am confident; this will enable us to achieve the desired unity with appropriate synergy of Diversity

I congratulate all the contributors and the editorial board for bringing out such a beautiful magazine.

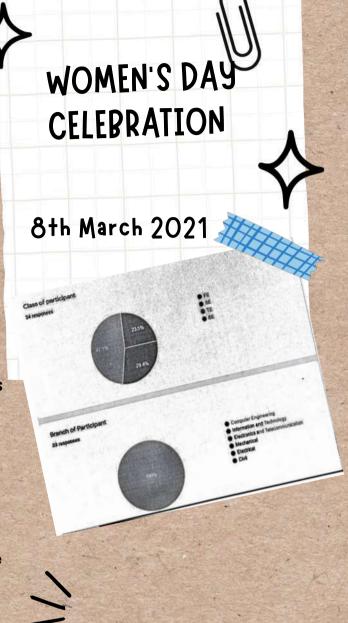
With best wishes and blessing for the upcoming issue.



# About the event

:- International Women's Day (March 8) is a global day for celebrating the social, economic, cultural and political achievements of women. The day also marks a call to action for accelerating gender parity. Sandip Institute of Technology and Research Centre, Nashik also celebrated International Women's Day in association with the Women's in Engineering (WIE), and the Institution's Innovation Council (IIC) on 8th March 2021. This year, the theme for International Women's Day is, "Women in leadership: Achieving an equal future in a COVID-19 world," celebrates the tremendous efforts by women and girls around the world in shaping a more equal future and recovery from the COVID-19 pandemic and highlights the gaps that remain.

Women's Grievance committee and WIE in association with the Department of Electronics and Telecommunication Engineering has organized Quiz competition for students. More than 35 students participated this online activity.





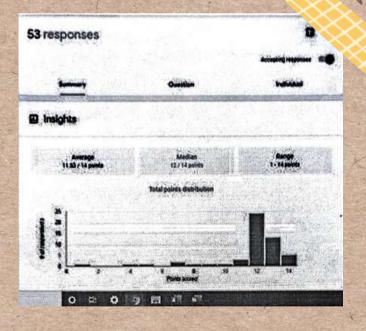


National Science Day

28th February 2021

# About the event

Sandip Institute of Technology and Research Centre. Nashik's, department of Electronics & Telecommunication Engineering celebrated the National Science Day-2021 on 28th Feb. 2021 in online mode, the event was organized by Members of Womens' Grivance Committee and Members of WIE, SF IEEE student chaper.



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Science Day is celebrated in India as a powerful advocacy tool to raise public awareness about science and for popularizing science among the masses. This year's Science Day theme is "Future of Science, Technology and Innovation: Impacts on Education, Skills and Work". IE in association with the Department of Electronics and Telecommunication Engineering has organized a Quiz competition for students. More than 50 students participated this online activity.

# About the event

World Telecommunication and Information Society Day (WIISD) has been celebrated annually every 17 May since 1969 to mark the founding of ITU and the signing of the first International Telegraph Convention in 1865. Women's Grievance committee, Women's in Engineering (WIE), Engineers Without Border (EWB) and Association for Students of Electronics and Telecommunication (ASET) in association with the Department of Electronics and Telecommunication Engineering has organized a Quiz competition for students and faculties 41 students, faculty from various colleges participated in this online activity through which we tried to create awareness of national technology and its importance.

# CELEBRATION OF WORLD TELECOMMUNICATION DAY

17th may 2021



has participated in onune Quiz competition on the occasion of **worso selecommunication Day 20** organized by Department of Electronics & Telecommunication Engineering. An online Quiz competition on the occasion of World Teleco Sandip Institute of Technology & Research Centre, Nashik on 17th May 2023.















World Environment Day 2023 is a reminder that people's actions on plastic pollution matters. The steps governments and businesses are taking to tackle plastic pollution are the consequence of this action. It is time to accelerate this action and transition to a circular Economy. Theme of World Environment Day It is time to #Peat Plastic Pollution



# About the event

A certainday for yoga was introduced to raise awarenessworldwide about the importance and impact of yoga on the healthof people. The term 'yoga' is derived from Sanskritword "Yuja" which means to unite representing the unification of body and consciousness. It isan ancient formof physical, mental and spiritual exercise which helps achieve mental and physical fitness. The practice of yoga originated in India and dates back to pre-Vedictimes. Mr. Rajendra Bhandari, from hasya yoga club, Nashik and Mrs. Mimansha Romel from life Style Academy was invited as a guest for Yoga Day celebration and to conduct the session of hasya yoga and chair yoga for working professionals.







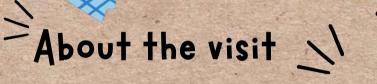
20th & 21st June 2021



Session started at 7:30 am with some meditation music. Mr. Rajendra Bhandari explained that the yoga is performed without any humorous reason to laugh. Laughter yoga sessions started with gentle warm—up techniques which include stretching, chanting, clapping, eye contact and body movement, to help break down inhibitions and encourage a sense of playfulness. Mrs. Mimansha Rome explained few yoga that can be performed on chair, which can be helpful for working people. More than 30 students and staff participated this online activity of Session ended with happy note and national anthem. Department of Electronics and Telecommunication Engineering has organized a Quiz competition for students. More than 50 students and staff participated this online activity.







4th November 2022

Department of Electronics & Telecommunication Engineering Department of Electronics And Telecommunication. SITRC. Nashik arranged one day Industrial Visit for 3rd and 5th Semester Degree students to "eSmart Energy Solutions Pvt Ltd". Nashik. Maharashtra dated 4th November. 2022 for better technical knowledge enhancement of students. Visit is important especially important in the field of Engineering as the practice of engineering has an inherent (and unavoidable) impact on society. These programs can be a powerful tool to constitute a positive industrial climate and can range from basic manufacturing system programs for students. Overall, the aim of all these visit to trains the students to adapting to changing scenario of technology. After visit students can identify their own efficiency and performance which important for their career, improving work efficiency and confidence.



INDUSTRIAL VISIT TO SIVANANDA ELECTRONICS

4th November 2022

# About the visit

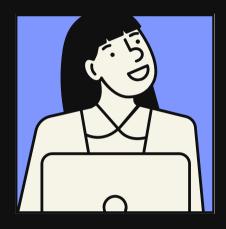
Department of Electronics & Telecommunication Engineering Department of Electronics And Telecommunication, SITRC, Nashik arranged one day Industrial Visit for final year students to "Sivananda Electronics", Deolali Nashik, Maharashtra dated 4th November, 2022 for better technical knowledge enhancement of students. Visit is important especially important in the field of Engineering as the practice of engineering has an inherent (and unavoidable) impact on society. These programs can be a powerful tool to constitute a positive industrial climate and can range from basic manufacturing system programs for students. Overall, the aim of all these visit to trains the students to adapting to changing scenario of technology. After visit students can identify their own efficiency and performance which important for their career, improving work











# SEMINAR & WORKSHOP











# Automation Masterclass Webinar

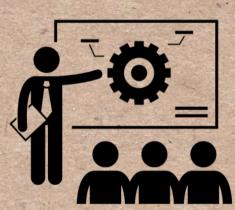
7th November 2020

# About the visit

Sandip Foundation's Sandip Institute of Technology and Research Centre, Nashik, Department of Electronics &

Nashik. Department of Electronics & Telecommunication organized a webinar on "Automation Masterclass" (Industry 4.0 Bootcamp webinar Series) on 7th November 2020. The main objective of the webinar was To gain knowledge about Automation trends in industry & To aware latest career oppertunities in automation industry.

The resource Person was Mr. Vinay
Kumar Sharma, Territory Manager,
Siemens Ltd. At the end of the session
Students understand the importance
of automation in industry & Students
come to know about the various
oppertunities in automation sector.







Opportuinities for Electronics
Engineer

28th October 2020

# About the workshop

Sandip Foundation's Sandip Institute of Technology and Research Centre, Nashik, Department of Electronics & Telecommunication organized a webinar on "Oppertunities for Electronics Engineers" (Industry 4.0 Bootcamp webinar Series) on 28th Oct. 2020 The main objective of the webinar was To make students aware of latest trends and career oppertunities for Electronics engineers in industry. The speaker for the same was Mr. Pratik Baheti, Design Engineer, C3Controls pvt Itd.







# Faculty Achievements

#### MR. OMKAR VAIDYA









#### MR. JAGDISH PATEL







TEQIP-III (CoE S&IP) Sponsored

One week Faculty Development Program on

#### "Algorithms and Techniques for Signal Processing"

jointly organized by Department of E&TC, College of Engineering Pune

Department of ECE & CSE, Manipur Technical University (MTU), Imphal

This is to certify that Mr. Jagdish Ambalal Patel of SANDIP INSTITUTE OF TECHNOLOGY AND RESEARCH CENTRE has successfully attended five days Faculty Development Program on "Algorithms and Techniques for Signal Processing" conducted during 14/07/2020 to 18/07/2020 jointly organised by College of Engineering, Pune (COEP) and Manipur Technical University (MTU), Imphal and sponsored by Center of Excellence in Signal and Image Processing (COE-SIP) under TEQIP-III.

Prof. L. T. Singh Vice-Chancellor MTU Imphal

Prof. M. S. Sutaone PI (COE-SIP) TEQIP-III Deputy Director, COEP

Prof. B. B. Ahuja Director COEP Pune

#### SHARAD INSTITUTE OF TECHNOLOGY COLLEGE OF ENGINEERING, YADRAV (ICHALKARANJI)

Department of Electronics and Telecommunication Engineering One Week Online Faculty Development Programme (FDP) Sponsored by TEQIP III, DBATU, Lonere

Machine Learning & Its Applications

#### CERTIFICATE

This is to certify that, Mr. Jagdish Ambalal Patel

From Sandip Institute of Technology and Research Centre, Nashik

Attended an Online Faculty Development Programme (FDP) on "Machine Learning & Its Applications" during 16th March - 20th March 2021 organized by Sharad Institute of Technology, College of Engineering, Yadrav (Ichalkaranji). KNRode

La Dr. Sanjay Sutar

Dr. Mrs. S.S. Tamboli **FDP Coordinator FDP Coordinator** 

Stambol.

Mrs. K.N. Rode FDP Co-Coordinator Dr. Mr. S.T. Jadhay H.O.D.- E&TC

Dr. Mr. S. A. Khot Principal

#### MR. MUKESH MAHAJAN







One week Faculty Development Program on

#### "Algorithms and Techniques for Signal Processing"

jointly organized by Department of E&TC, College of Engineering Pune

Department of ECE & CSE, Manipur Technical University (MTU), Imphal

This is to certify that Mr. Mukesh Pandit Mahajan SANDIP INSTITUTE OF TECHNOLOGY AND RESEARCH CENTRE has successfully attended five days Faculty Development Program on "Algorithms and Techniques for Signal Processing" conducted during 14/07/2020 to 18/07/2020 jointly organised by College of Engineering, Pune(COEP) and Manipur Technical University (MTU), Imphal and sponsored by Center of Excellence in Signal and Image Processing (COE-SIP under TEQIP-III.

Prof. L. T. Singh Vice-Chancellor MTU Imphal

Prof. M. S. Sutaone PI (COE-SIP) TEQIP-III Deputy Director, COEP

Prof. B. B. Ahuja Director COEP Pune



COLLEGE OF ENGINEERING, YADRAV (ICHALKARANJI)



Department of Electronics and Telecommunication Engineering One Week Online Faculty Development Programme (FDP) Sponsored by TEQIP III, DBATU, Lonere

Machine Learning & Its Applications

#### CERTIFICATE

This is to certify that, Mr. Mukesh Pandit Mahaian

From Sandip Institute of Technology and Research Centre, Nashik

Attended an Online Faculty Development Programme (FDP) on "Machine Learning & Its Applications" during 16th March - 20th March 2021 organized by Sharad Institute of Technology, College of Engineering, Yadrav (Ichalkaranji).

Dr. Sanjay Sutar FDP Coordinator

Stanbol' Dr. Mrs. S.S. Tamboli **FDP Coordinator** 

Mrs. K.N. Rode

Dr. Mr. S.T. Jadhay FDP Co-Coordinator H.O.D.- E&TC

Dr. Mr. S. A. Khot

Principal

#### MR. VAIBHAV JOSHI





#### MISS. KAVITA PATIL





#### MISS. ASHWINI PATIL



#### MRS. JANHAVI DEORE



#### MR. MAYUR INGALE



#### MISS. SWATI PAWAR



#### MRS. MINAL GADE







#### CERTIFICATE OF PARTICIPATION

Mrs. Minal Vilas Gade

Has participated, attended & completed successfully AICTE Sponsored Two Week Faculty Development Program on Recent Trends in VLSI Design, Signal Processing & Optimization Based on EDA Tools

Organized by Department of Electronics and Communication Engineering

held from 05th- 17th October 2020

DR.JITHESH SHINDE

SUHS! MR.V.SUDHEER RAJA

DR.P.H.RANGAREE Co-Coordinator

HOD-ECE

DR.K.PRAKASH

SHARAD INSTITUTE OF TECHNOLOGY

**COLLEGE OF ENGINEERING, YADRAV (ICHALKARANJI)** 

(An Autonomous Institute)

Department of Electronics and Telecommunication Engineering One Week Online Faculty Development Programme (FDP) Sponsored by TEQIP III, DBATU, Lonere

on

Machine Learning & Its Applications

#### CERTIFICATE

This is to certify that, Mrs. Minal Vilas Gade

From Sandip Institute of Technology and Research Centre, Nashik

Attended an Online Faculty Development Programme (FDP) on "Machine Learning & Its Applications" during 16th March - 20th March 2021 organized by Sharad Institute of Technology, College of Engineering, Yadrav (Ichalkaranji). KNRode

Dr. Sanjay Sutar

**FDP Coordinator** 

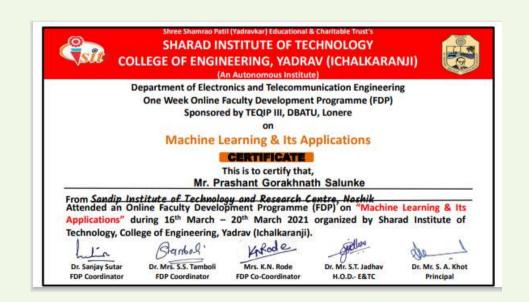
Banbol Dr. Mrs. S.S. Tamboli **FDP Coordinator** 

Mrs. K.N. Rode FDP Co-Coordinato Dr. Mr. S.T. Jadhay H.O.D. E&TC

Dr. Mr. S. A. Khot Principal

#### MR. PRASHANT SALUNKE





#### MISS. RASHMI PAGARE





#### MRS. POOJA VADNERE



#### MISS. TEJAL JAWALE



#### MR. VIVEK UGALE













SANDIP INSTITUTE OF TECHNOLOGY AND RESEARCH TECHNOLOGY, NASHIK INNOVATION & ENTREPRENEURSHIP DEVELOPMENT CELL

#### CERTIFICATE OF PARTICIPATION

This certifies that

Ravindra Vijay Eshi

has successfully participated and presented project title LoRA base Pump Data Monitoring under Hackthon Idea Competition-INNOFEST 2021 organized by Centre for Innovation, Incubation and Enterprise (CIIE) at Savitribai Phule Pune University (SPPU) on 20<sup>th</sup> February 2021.



Prof. (Dr.) Sanjay Trymbak Gandhe Head of the Institute and Chairman-IEDC

## **RAVINDRA ESHI**







#### SANDIP FOUNDATION'S

SANDIP INSTITUTE OF TECHNOLOGY AND RESEARCH TECHNOLOGY, NASHIK INNOVATION & ENTREPRENEURSHIP DEVELOPMENT CELL

#### CERTIFICATE OF PARTICIPATION

This certifies that

Anshu Sugreev Vishwakarma

has successfully participated and presented project title IoFT Based HiTech Onion Farming under i-2-e Competition-INNOFEST 2021 organized by Centre for Innovation, Incubation and Enterprise (CIIE) at Savitribai Phule Pune University (SPPU) on 9th February 2021.



Prof. (Dr.) Sanjay Trymbak Gandhe Head of the Institute and Chairman-IEDC

**ANSHU VISHWAKARMA** 







SANDIP INSTITUTE OF TECHNOLOGY AND RESEARCH TECHNOLOGY, NASHIK INNOVATION & ENTREPRENEURSHIP DEVELOPMENT CELL

#### CERTIFICATE OF PARTICIPATION

This certifies that

Kalyani Vijay Shirsath

has successfully participated and presented project title IoFT Based HiTech Onion Farming under i-2-e Competition-INNOFEST 2021 organized by Centre for Innovation, Incubation and Enterprise (CIIE) at Savitribai Phule Pune University (SPPU) on 9th February 2021.



Prof. (Dr.) Sanjay Trymbak Gandhe Head of the Institute and Chairman-IEDC

## KALYANI SHIRSATH







#### SANDIP FOUNDATION'S

SANDIP INSTITUTE OF TECHNOLOGY AND RESEARCH TECHNOLOGY, NASHIK INNOVATION & ENTREPRENEURSHIP DEVELOPMENT CELL

#### CERTIFICATE OF PARTICIPATION

This certifies that

Shubhangi Ramesh Waghchaure

has successfully participated and presented project title **IoFT Based HiTech Onion Farming** under **i-2-e Competition-INNOFEST 2021** organized by Centre for Innovation, Incubation and Enterprise (CIIE) at Savitribai Phule Pune University (SPPU) on 9th February 2021.



Prof. (Dr.) Sanjay Trymbak Gandhe Head of the Institute and Chairman-IEDC

# SHUBAHNGI WAGHCHAURE







SANDIP INSTITUTE OF TECHNOLOGY AND RESEARCH TECHNOLOGY, NASHIK INNOVATION & ENTREPRENEURSHIP DEVELOPMENT CELL

#### CERTIFICATE OF PARTICIPATION

This certifies that

Abhishek Subhash Pandit

has successfully participated and presented project title IoIT Based Hygienic Contactless and Cashless Mask, Gloves, Head Cover Vending Machine for COVID- 19 New Normal under i
2-e Competition-INNOFEST 2021 organized by Centre for Innovation, Incubation and Enterprise (CIIE) at Savitribai Phule Pune University (SPPU) on 9th February 2021.



Prof. (Dr.) Sanjay Trymbak Gandhe Head of the Institute and Chairman-IEDC

## **ABHISHEK PANDIT**







#### SANDIP FOUNDATION'S

SANDIP INSTITUTE OF TECHNOLOGY AND RESEARCH TECHNOLOGY, NASHIK INNOVATION & ENTREPRENEURSHIP DEVELOPMENT CELL

#### CERTIFICATE OF PARTICIPATION

This certifies that

Anuja Sadashiv Baviskar

has successfully participated and presented project title IoIT Based Hygienic Contactless and Cashless Mask, Gloves, Head Cover Vending Machine for COVID- 19 New Normal under i
2-e Competition-INNOFEST 2021 organized by Centre for Innovation, Incubation and Enterprise (CIIE) at Savitribai Phule Pune University (SPPU) on 9th February 2021.



Prof. (Dr.) Sanjay Trymbak Gandhe Head of the Institute and Chairman-EDC

**ANUJA BAVISKAR** 







SANDIP INSTITUTE OF TECHNOLOGY AND RESEARCH TECHNOLOGY, NASHIK INNOVATION & ENTREPRENEURSHIP DEVELOPMENT CELL

#### CERTIFICATE OF PARTICIPATION

This certifies that

Aman Agrawal

has successfully participated and presented project title LoRA base Pump Data Monitoring under Hackthon Idea Competition-INNOFEST 2021 organized by Centre for Innovation, Incubation and Enterprise (CIIE) at Savitribai Phule Pune University (SPPU) on 20th February 2021.



Prof. (Dr.) Sanjay Trymbak Gandhe Head of the Institute and Chairman-IEDC

## **AMAN AGRAWAL**



## **TISHAR SONAWANE**



# **PRATIK DHOLE**



KALYANI SURYAWANSHI



