11
VOL 2020-21

THAKUR TRUSTS
timscdr
THAKUR INSTITUTE OF MANAGEMENT STUDIES, CAREER DEVELOPMENT & RESEARCH

Estd. 2001

EMINENCE

Thakur Educational Trust's (Regd.)

THAKUR INSTITUTE OF MANAGEMENT STUDIES, CAREER DEVELOPMENT & RESEARCH

(Approved by AICTE, Govt. of Maharashtra & Affiliated to University of Mumbai)

ISO 9001 : 2015 Certified ● MCA Program Accredited by National Board of Accreditation, New Delhi

Our Vision

Thakur Institute of Management Studies, Career Development & Research will become a premier institute renowned internationally for providing education in software application to graduates from various disciplines.

Our Mission

To achieve excellence in providing software education so that students can grasp existing as well as emerging technologies and to inculcate leadership and managerial qualities in them so that they can deliver results in the organization they join.

Quality Policy

We, the staff, faculty and management of Thakur Institute Of Management Studies, Career Development and Research are committed to offer excellence in software education, conducive academic environment and state of-the-art infrastructure to our students. We work as a team and interact with students in pro-active manner to achieve our Quality Objectives and fulfill all academic, statutory and regulatory requirements to entire satisfaction of our students as well as for continual improvement of QMS.

EDITOR
Dr. Vinita Gaikwad

EDITORIAL CO-ORDINATORS
Ms. Kiran Dubey

STUDENT MEMBERS

Yagnesh Vakharia
Kaushik Gawad
Vinod Vanniyar
Mayur Chauhan
Deepak Kochar
Raviteja Nirati

From the Editor's Desk

Having been established in 2001, we at TIMSCDR are proud of what we have achieved in two decades. We have changed with the changing requirements of the Industry and have strived to provide holistic education to our students so that they too evolve and adapt to these requirements.

The journey of 20 years has established TIMSCDR as one of the best institutes in Mumbai. We credit this success to our faculty who has been continuously endeavouring to innovate on pedagogy, adopting best practices prevalent globally and adapting to the new demands. We credit this success to our current students for exploiting every opportunity to them to the fullest. We credit this success to our alumni who are placed at senior leadership roles in reputed organizations and come forward to contribute to their alma mater time and again. We credit this success to our parents who place their faith in us.

Lastly, but not least we credit this success to our management for providing a conducive environment which provides ample opportunities to everyone to not only grow professionally but evolve as an individual also.

As TIMSCDR steps into the next decade, we seek your support and hope we continue to serve the nation and provide to the industry conscientious business leaders who are poised to lead the nation into the 21st century.I wish you all good luck…and Godspeed!

Dr. Vinita Gaikwad
Director

Our PEOs and POs

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

1. To enable students to gain knowledge across all domains of Information Technology with in-depth understanding of their applications.
2. To enable students to analyze problems and to design and develop software solutions using emerging tools and technologies.
3. To enable students to continue Life-long learning, Research and Entrepreneurial pursuit in their chosen fields.
4. To develop communication, teamwork, and leadership skills necessary to manage multidisciplinary projects and serve the society as responsible and ethical software professionals.

PROGRAM OUTCOMES (POs)

1. **Computational Knowledge -** Apply domain specific knowledge of computing and mathematics for designing of software solutions for defined problems and requirements
2. **Problem Analysis -** Understand and analyze a problem and suggest feasible solutions
3. **Design/ Development of Solution -** Design, evaluate, and develop effective solutions for complex computing problems to meet desired needs
4. **Conduct investigation of complex computing problems -** Design and conduct experiments and use research-based methods to investigate complex computing problems
5. **Modern tools usage -** Use appropriate techniques and software tools for computing activities
6. **Professional Ethics -** Understand and commit to professional norms, regulations and ethics
7. **Life long Learning -** Recognize the need for and have the ability to engage in independent learning for continual professional development
8. **Project management and finance -** Understand and apply project management principles, as a member or leader in multidisciplinary environments
9. **Communication Efficacy -** Effectively communicate technical information, both oral and written with range of audience
10. **Societal & Environmental Concern -** Analyze societal, environmental, cultural and legal issues within local and global contexts when providing software solutions
11. **Individual and Team Work -** Work as a member or leader in diverse teams in multidisciplinary environments
12. **Innovation and Entrepreneurship -** Use Innovation and Entrepreneurship for creation of value and wealth

Code of Conduct for Students

To achieve high ethical and academic standard, students are instructed to follow the Code of Conduct prescribed by the institute

ACADEMIC CONDUCT

- As a part of academic work, time to time submissions are scheduled for assessment of respective subjects. It is mandatory for the students to follow the schedule and submit the work complete in all respects on time.
- Any research paper/ project/ report submitted by the students has to be original work of the student. Plagiarism shall not be accepted.

REGULAR ATTENDANCE

- Subject-wise attendance is taken every day. Students should have 75% attendance in all subjects and in developmental programmes like guest lectures, training programs, field visits etc. as per University of Mumbai Ordinance 0.6086.

GENERAL CONDUCT

- Wearing ID-Card in campus is compulsory.
- Formal and decent dress code should be maintained (half-pants, Capris, three-fourths, are not allowed).
- Only English language shall be used for oral / written communication on campus.
- Students should not talk amongst themselves whenever anyone is addressing the class as a whole. If any students are found disturbing the class with notorious activities, necessary disciplinary action will be taken.
- Loitering in the corridors and making noise on the premises is strictly prohibited.
- Consumption of alcohol, tobacco, drugs, cigarette, and smoking is prohibited in the institute. Students should refrain from visiting smoking joints in the vicinity of the campus.
- Access will not be allowed into lectures, computer labs, seminars after the start of the session. Late comers will be refused entry and should leave immediately, if requested.
- In the event that a student wishes to leave a lecture, seminar or computer lab before its scheduled finish time, the prior permission of the Professor concerned should be obtained except in the case of departure necessitated by reason of illness or other unforeseen circumstances.
- Laptops and other auxiliary aids can be used, in classroom & Labs with permission from the Professor concerned.
- No audio or video recording of any session should take place without the permission of the Professor/ Speaker concerned.
- Food & Beverages shall be consumed only in refreshment room or canteen.
- Misuse or damage to any learning materials including collar mikes, computers, sound systems or LCD Projectors, furniture, fittings, or any other property belonging to the institute will not be tolerated and will lead to disciplinary action, and the entire class will be held responsible for it and shall be liable to pay fine as applicable.
- Seating arrangement in the classroom should not be disturbed.
- Caution Money will be refunded as per the refund policy of the institute.
- Library books and Card should be returned as per the Library policy.
- Comply with all important dates provided by examination section without fail.
- Provide faculty teaching feedback unbiasedly and fearlessly to facilitate positive changes in teaching / training system and help to improve its efficiency and effectiveness.
- Participate in departmental and institutional activities/ programmes individually and in groups to enhance your learning and help to increase the brand value of the Institute.
- Encourage and share best practices and innovations at all levels to set new standards and benchmark for the Institute.
- Avoid gossip and false propaganda.
- Be vigilant & report any incidences that need immediate attention & corrective action.
- Ragging is prohibited under the Maharashtra State Act of 1999 within or outside of education premises and any act by participant is punishable.
- Learn and notice the drills during any emergency / accident like fire, flood, electrical shocks, etc.
- Read notice board and visit college website regularly for latest updates to be well informed at all times.
- Do not use cell phones within the Classroom & Labs.
- Be in regular touch with the Mentor-Faculty and bring to her/his notice difficulties if any.
- Any illegal activity within the college premises is strictly prohibited.

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The Year That Was... 2020-2021

- Editorial Team
TIMSCDR

STUDENT INDUCTION PROGRAM (SIP)

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Thakur Educational Trust's (Regd.)

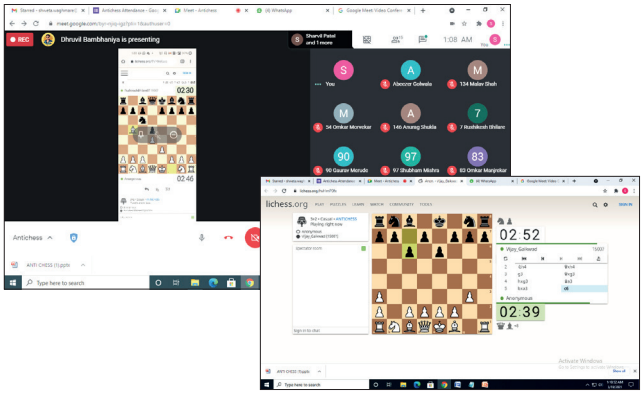
Thakur Institute of Management Studies, Career Development & Research

Student Induction Program (SIP) was Conducted on February 2, 2021 for the new Batch 2020-21. Newly joined students were introduced to the various processes of the Institute and the MCA Program. Students were also made aware about the Code of Conduct of the Institute.

SPORTS DAY

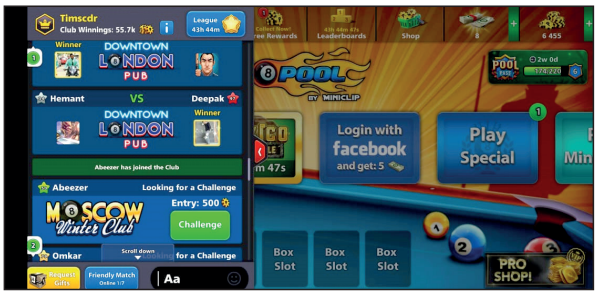
The Annual Sports Day of TIMSCDR was celebrated on March 19, 2021.

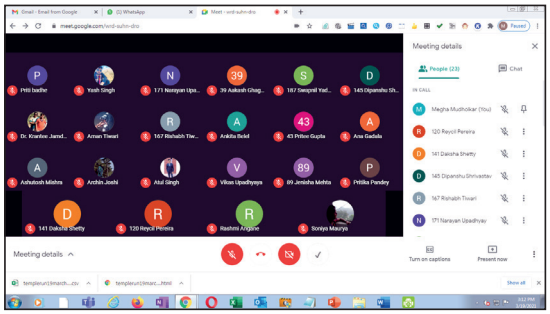
Online Sports Day - 2021 was organized with the participation from First and Second year students in the technical events - Sports Quiz, Cricket, Carrom, Bingo, 8 Ball Pool, Anti Chess (on Lichess.org). Participants got an opportunity to display their skills and winners of events were awarded e-certificate.

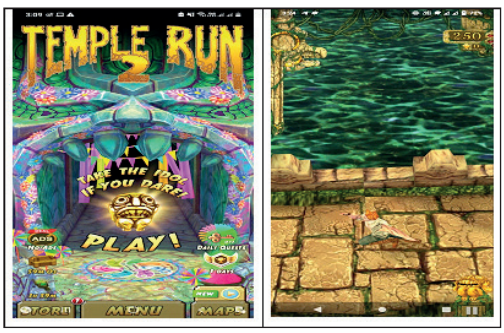


Semester IV B won the Sports Rolling Trophy.

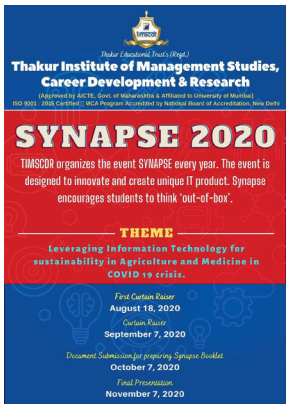
Ms. Ruchika Akre was awarded Best Sports Women.





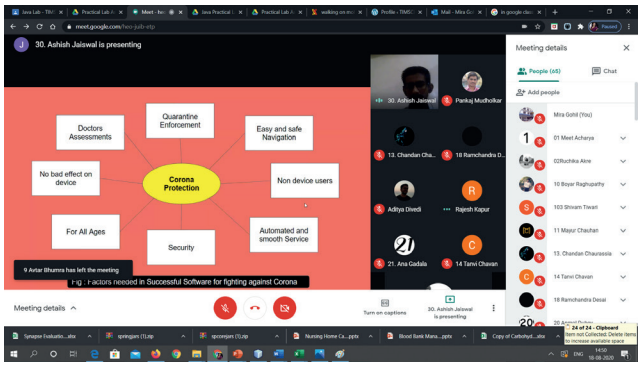


SYNAPSE July 2020-June 2021

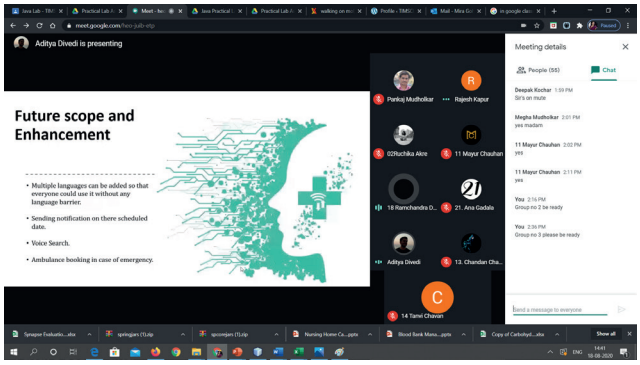


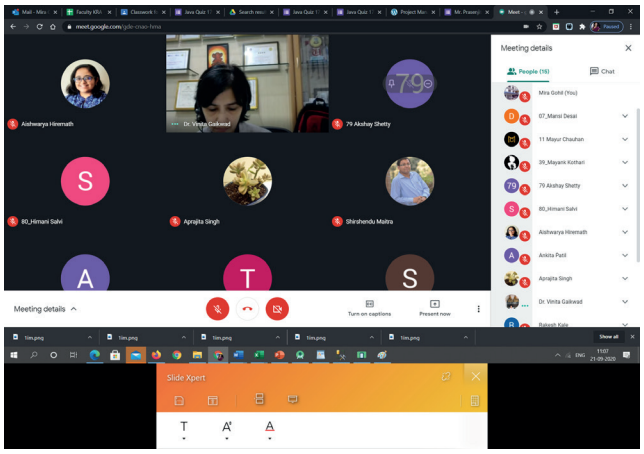
SYNAPSE- The junction between two neurons – Technology and Innovations was themed 'Leveraging Information Technology for Sustainability in Agriculture and Medicine in COVID 19 Crises. The participating student groups focused on UN Sustainable Development Goal for their project. Synapse 2020 was conducted online because of COVID 19 pandemic situation.

SYNAPSE-2020 curtain raiser was organized on August 18, 2020 where the students from 2nd year came up with innovative ideas on given theme. The Final Presentation was on January 30, 2021 where students presented their ideas online to a panel of judges from industry who evaluated the teams based on Innovation, Creativity, Technical and Socio Economical Feasibility, Marketing Skills and Team Work.



The VII volume of SYNAPSE – Innovation Magazine was released at the hands of the event judges Dr. Rajendra Deshpande, IT industry veteran and the longest serving CIO in BPO sector and Mr. Dinesh Singh, Group Leader at TCS Research





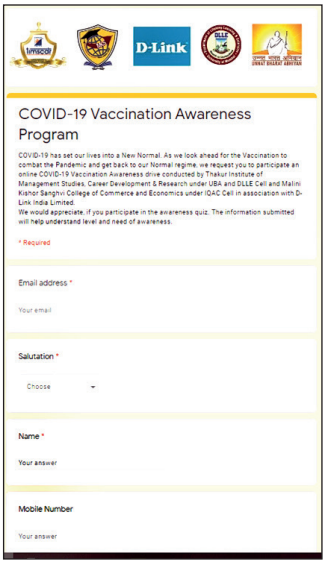
and Innovations. The innovative projects were also evaluated by them.

The winning team for SYNAPSE – 2020 was "Social Distancing-ID Card- UN goal 3 (Good health and wellbeing), the first runner-up team was "Laser Field Protector – UN-09 Innovation & Infrastructure" and the second runner-up team was "Saline Monitoring System – UN-3 (Good Health and Well-Being)".

THE DEPARTMENT OF LIFELONG LEARNING AND EXTENSION (DLLE)

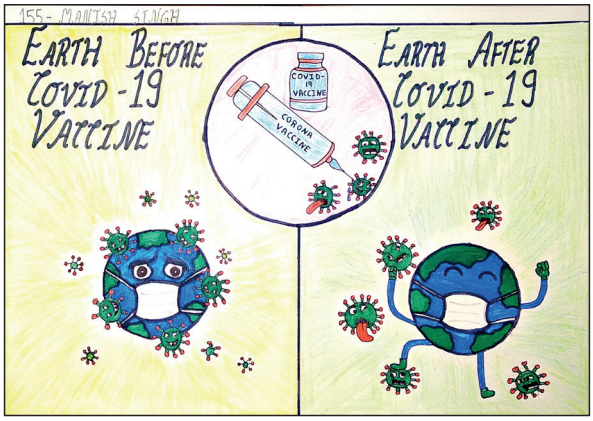
COVID-19 Vaccination Awareness Program

COVID-19 has set our lives into a New Normal. As we look ahead for the Vaccination to combat the Pandemic and get back to our Normal regime, Thakur Institute of Management Studies, Career Development & Research under UBA and DLLE Cell in association with D-Link India Limited organized an online COVID-19 Vaccination Awareness drive from February 11, 2021 - April 30, 2021. Participants were appreciated with E-Participation Certificate.



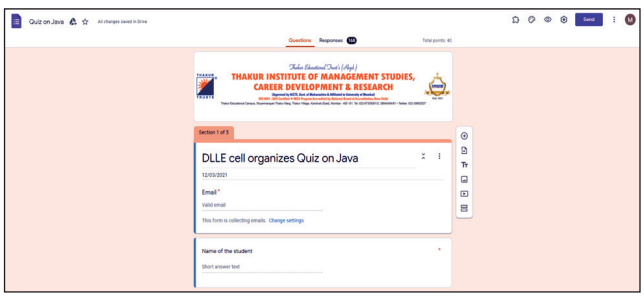
Poster making contest on theme "COVID-19 vaccination awareness"

DLLE cell of TIMSCDR organized Poster making contest on theme "COVID-19 Vaccination Awareness" from March 15 - 30, 2021.



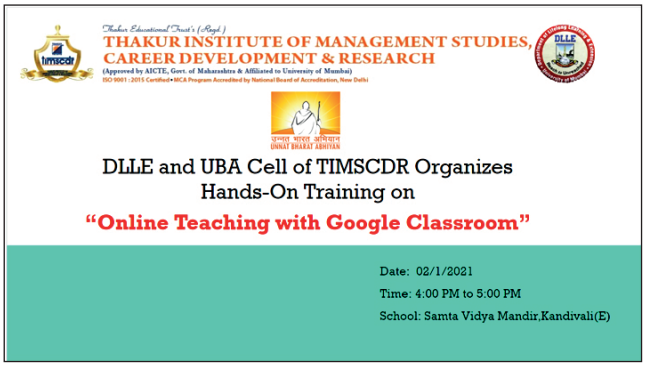
Java Quiz

DLLE Second Year student members prepared java quiz for First Year students. Java Quiz was attempted by First Year Students on March 12, 2021. The Java Quiz helped in assessing Java skills and placement preparation of the First Year Student.



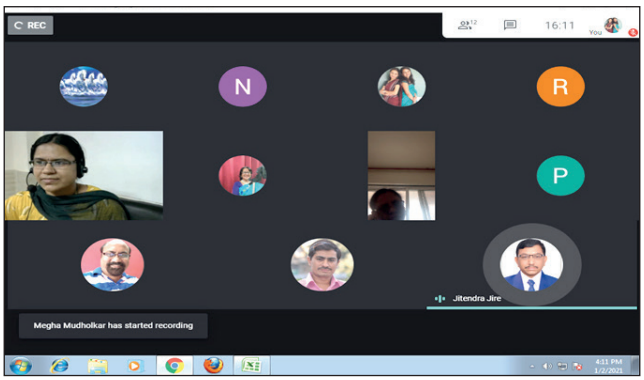
Training for School Teachers and Students on "Online Teaching and Learning through Google Classroom"

Due to COVID -19 pandemic, schools have shifted their base to virtual platforms to conduct online classes. To upskill teachers and students for online teaching and learning, DLLE and UBA cell of TIMSCDR has taken up the initiative to train school teachers and students on 'Online Teaching and Learning'. The purpose for teachers training was to guide them through a step-by-step process to create Google Classroom, to create teaching material, assignments and to grade assignments, schedule assignments etc. The purpose for students training was to guide them through a step-by-step process to use classroom for notes, assignment submissions etc. and make them equally confident and competent in the online classroom.



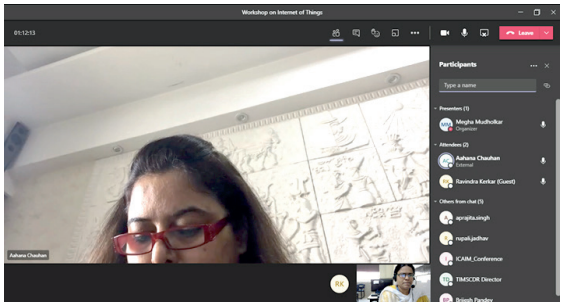
This training was conducted in following schools:

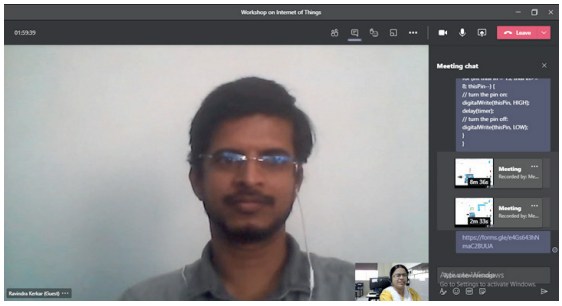
1. Samta Vidya Mandir and High School, Kandivali on January 2, 2021.
2. BMC School, Kandivali on December 11, 2020 for teachers and students.



BASIC IoT WORKSHOP

2 days' online IoT workshop was conducted for the knowledge enhancement of the students on February 16, 2021. Workshop was conducted online on Microsoft Teams and used tinkercad.com for hands-on session. IoT workshop for external participants was conducted on February 18, 2021.

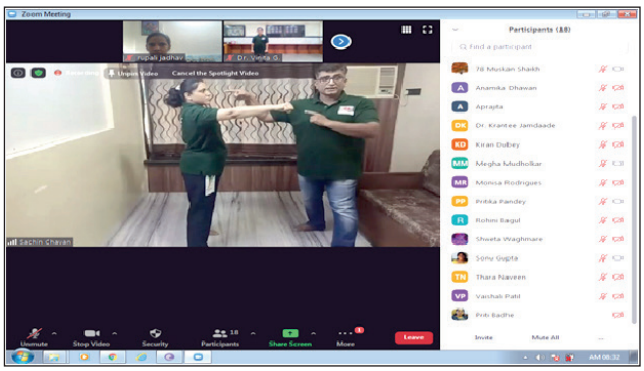




During workshop participants got acquainted with hands on activities and worked on hardware like Arduino Simulator on tinkercad.com, and learnt Arduino programming and interfacing Arduino with various sensors.

ONLINE SELF DEFENSE TRAINING

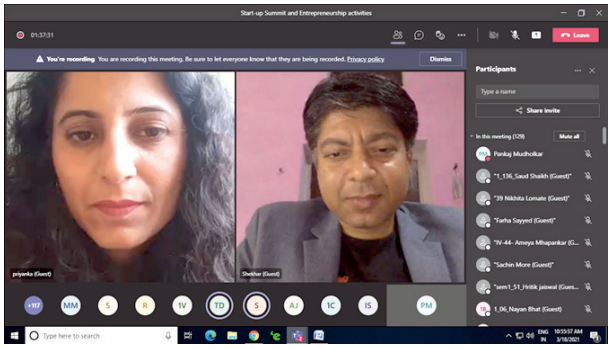
Online Self Defense training for girl students and Women staff members were arranged from June 14 - 17, 2021 The training was conducted by Shihan Sachin Chavan, Karatenomichi World Federation India (KWF) Chief Instructor, Leader and representative of KWF which includes orientation and Judo/ Karate training.



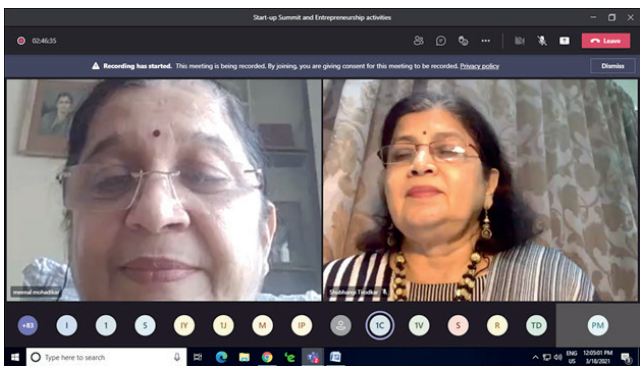
E-WEEK

Ecell in association with Maharashtra Chamber of Commerce, Industry and Agriculture (MACCIA), NASSCOM, CSI and Aamhi Udyogini Pratistthan organized Startup Summit for the Academic Year 2020-21 on March 18, 2021. The event was organized to provide platform for students to interact with successful entrepreneurs and to develop an inclusive entrepreneurship ecosystem in the Institute.

The participants of Startup Summit were Mr. Shekhar, Founder and CEO, Solveit NOW Inc. and Ms. Priyanka Kothmire, Founder, frotels.com. The second session of the day was online Women's Entrepreneurship Summit. Women Enterpreneurs Ms. Meenal Mohadikar President, Aamhi Udyogini, Mrs. Premlata Mishra, Women Committee Member, MACCIA and Ms. Shubhangi Tirodkar, Vice President, MACCIA who delivered inspiring experience as Entrepreneurs.

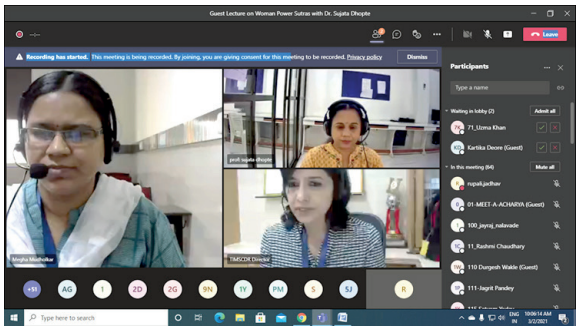


Events such as Tag it up, Logo Quiz, Guestimate, Product Marketing, Virtual Stock Marketing and Entrepreneurship quizwere organized as part of Entrepreneurship activities.

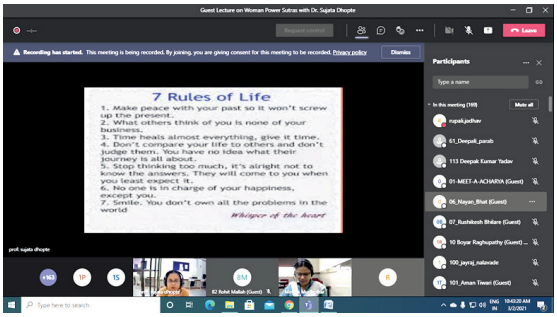


WOMAN POWER SUTRAS

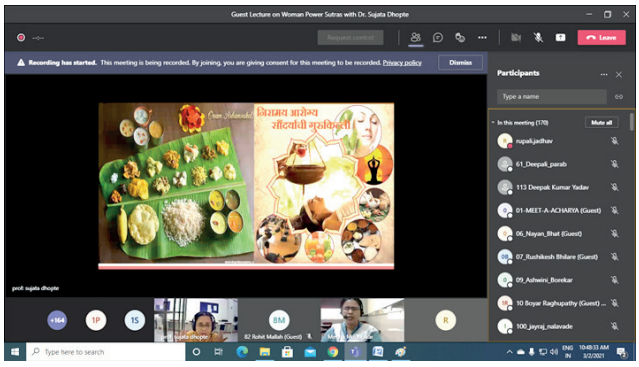
DLLE and WDC cell of TIMSCDR organized guest lecture on "Woman Power Sutras" by Dr. Sujata Dhopte, Associate Professor, M. K. Sanghvi College of Commerce & Economics on March 2, 2021.

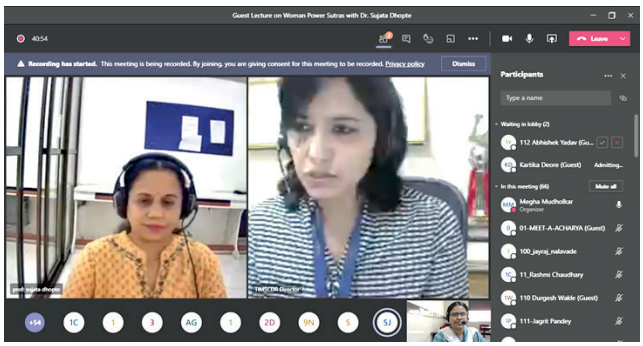


Lecture focused on Gender stereotypes in media. Dr. Sujata enlightened on the how objectification and sexualization of girls in the media is linked to violence against woman and girls worldwide.



The Session gave insight to be cheerful, happy, as well as energetic and strong humans.

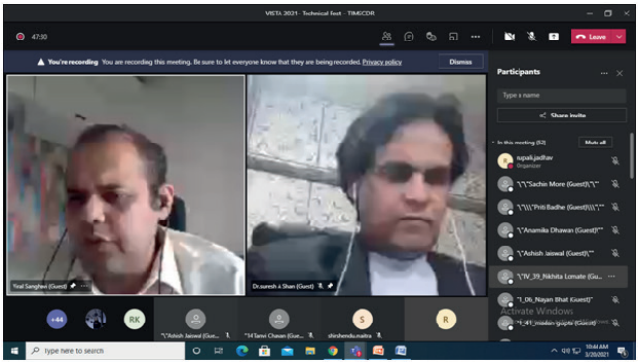




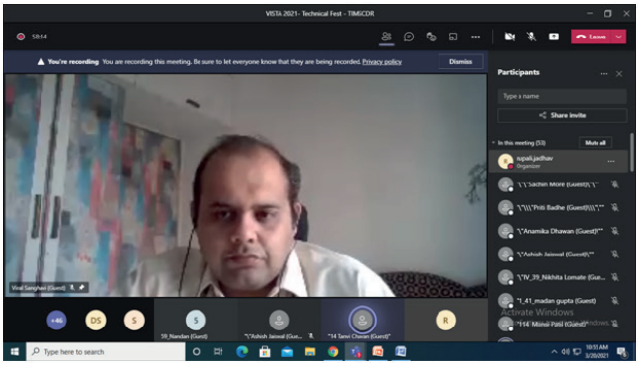
VISTA 2021

The Institute organized online Technical cum Cultural Annual Fest VISTA 2021 on March 20, 2021.

The fest was inaugurated by Dr. Suresh A Shan, Global Technology Power on India . Mahindra & Mahindra Financial Services, Mr. Viral Sanghavi – Associate at Nomura, Mumbai Suburban district (TIMSCDR Alumni batch 2004 - 2007) and Dr. Vinita Gaikwad, Director, TIMSCDR



Online VISTA-2021 was a splendid success with the participation from First and Second Year students for the technical events including IT Quiz, Coding, Debugging, Web designing, logo and poster design, Treasure hunt, Tech debet. Participants got an opportunity to display their skills. The winners of events were awarded e-certificate.



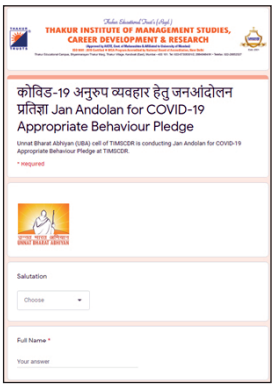
UNNAT BHARAT ABHIYAN

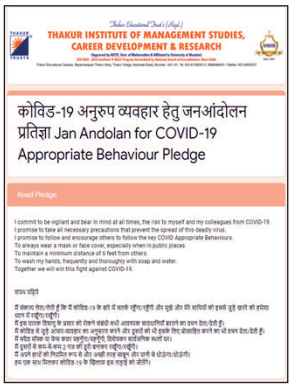
TIMSCDR is selected under Unnat Bharat Abhiyan, a flagship program of Ministry of Human Resource Development (MHRD) Government of India through a challenge mode application. The mission of Unnat Bharat Abhiyan is to enable participating higher educational institutions to work with the people of rural India in identifying development challenges and evolving appropriate solutions for accelerating sustainable growth. It also aims to create a virtuous cycle between society and an inclusive academic system by providing knowledge and practices for emerging professions and to upgrade the capabilities of both the public and private sectors in responding to the development needs of rural India.

As a part of Unnat Bharat Abhiyan TIMSCDR has adopted the villages at: 1. Vasai, 2. Bendshil, 3. Dahanu, 4. Palghar, 5. Jambhulpada

Jan Andolan campaign for COVID-19 Appropriate Behaviour

UBA Cell of TIMSCDR organized Pledge for Jan Andolan campaign for COVID-19 Appropriate Behaviour as per the instructions received from AICTE. The campaign emphasizes on "Unlock with Precautions" i.e. COVID-19 Appropriate Behaviour in the new normal.





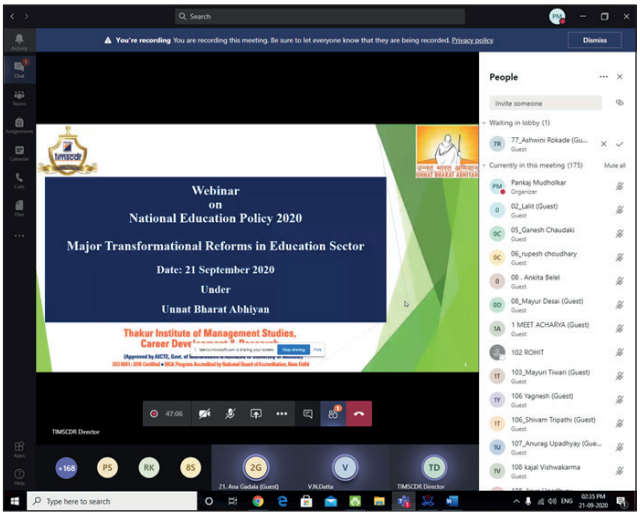
The three key messages being highlighted:

- Wear Mask
- Follow Physical Distancing
- Maintain Hand Hygiene

To disseminate this information among all faculty members and students, a pledge was conducted using Google Form from October 12 - 14, 2020.

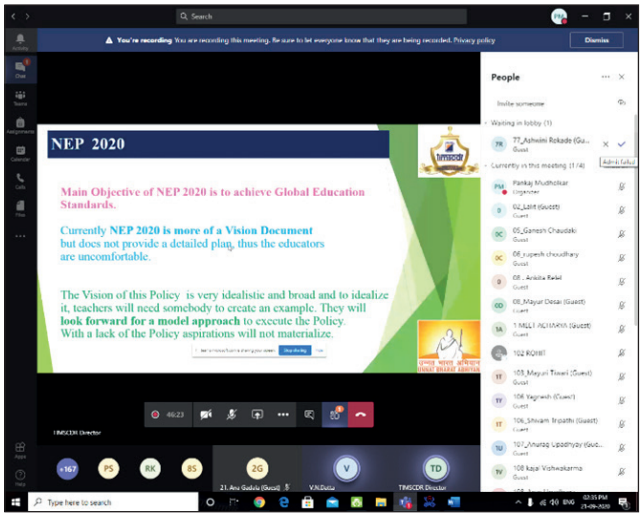
WEBINAR ON NATIONAL EDUCATION POLICY (NEP) – 2020

Based on the T S R Subramanian Committee Report and the inputs from the Ministry of Human Resource Development (MHRD), the Government of India, K Kasturirangan Committee has produced a comprehensive document of Draft National Education Policy 2019, in which Dr. Shakila T Shamsu was the Member Secretary of the draft committee. The Union Cabinet has approved the new National Education Policy (NEP) on 30th July 2020. The country got a new education policy after a long gap of 34 years. From school education to higher education, it envisions to provide a new structure to the education system in the country. In the higher education system, the policy adopts an integrated yet flexible approach to education at undergraduate level emphasizing the need for liberal education for preparing students to navigate their way into the future with a variety of employment scenarios as well as many other roles they will play in their professions. At master's level, the policy envisages to have strong research component to strengthen the appropriate professional competence in the domain area, and to prepare students for a research degree. Further the policy stresses on the importance of having a multi-disciplinary environment at higher education institutions.



To disseminate information on NEP 2020, UBA Cell of TIMSCDR organized two events as below:

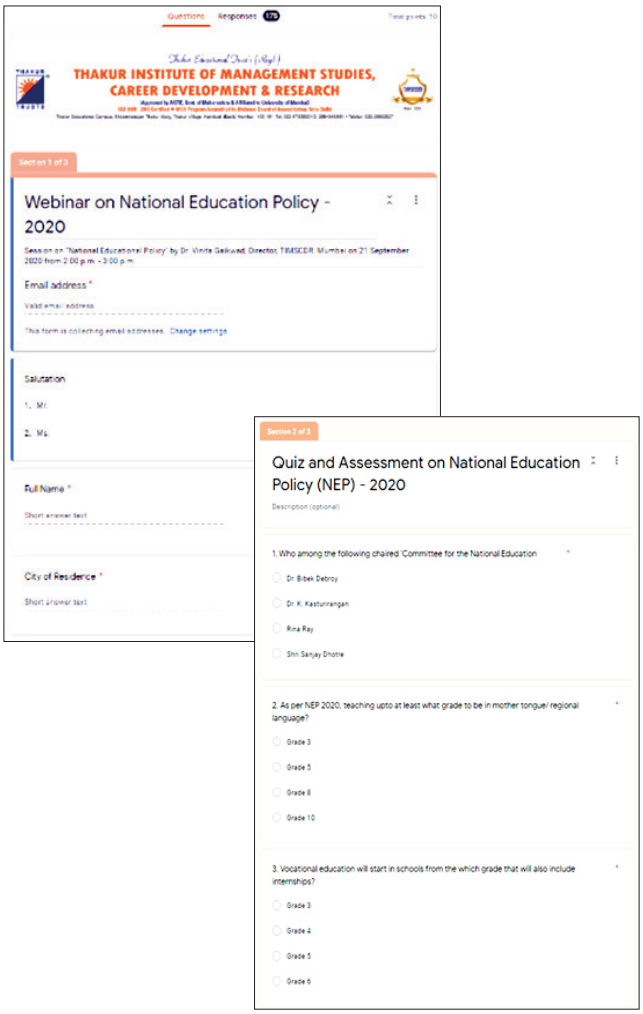
Webinar on awareness on National Education Policy (NEP–2020) on September 21, 2020 to sensitize students, parents and teachers about reforms in the national education policy.



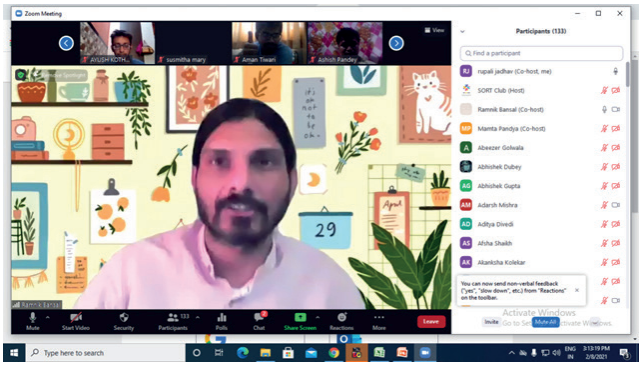
The speaker, Dr. Vinita Gaikwad, Director, TIMSCDR addressed the participants on major reforms in school education, higher education, flexibility of subjects at undergraduate level, higher education level etc.

Quiz on awareness of NEP and views from participants about the policy were also taken.

The report for the same is submitted to UBA, Govt. of India on September 23, 2020.



SOCIAL ACTIVITY



Webinar on "Enchant the Real High" was organized in association with Art of Living by Mr. Ramnik Bansal, Life Coach, Public Speaker, and Youth Mentor in India to educate students about menaces of Substance abuse on February 8, 2021.

WOMEN'S DAY

Guest session on "Women's Day – Infinitude "by Ms. Rhea Pai, COO-TEG as a part of International Women's Day celebration on March 22, 2021.

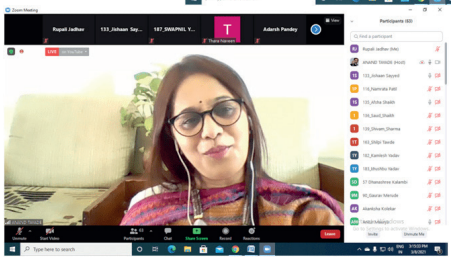
The session started with address on International Women's Day with the core objective to do some self-introspection unto self-realisation.

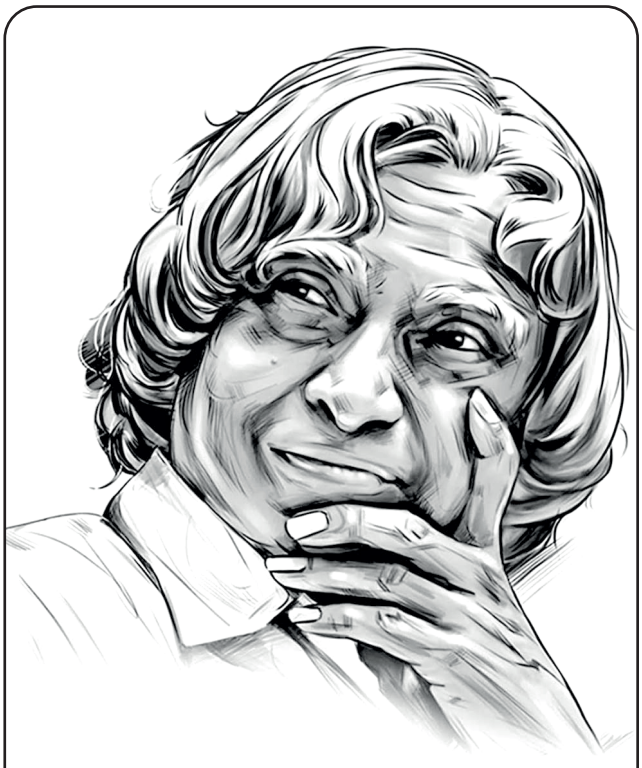
A pledge was taken by all the participants to mark the International Women's day to commit to work towards the Self, Can and choose to be Powerful, Grateful to born as a Women and Nurture and Nourish the feminine energies for well being of whole self

Later, the male members were invited to be part of the session and applause was exchanged between female and male members with a standing ovation for each other thereby communicating an equal and interdependent role of male and female energies in the Universe.

WOMEN HEALTH - AMHI UDHYOGINI

WDC cell of TIMSCDR organized online International Women's Day in association with AUP on "Women Health" by Dr. Mukesh Gupta and Dr. Anjali Tayde on March 8, 2021. Dr. Mukesh Gupta discussed how to take care of our self and explain importance of Health. Dr. Anjali Tayde shared her success mantras on How to become a Successful Entrepreneur.

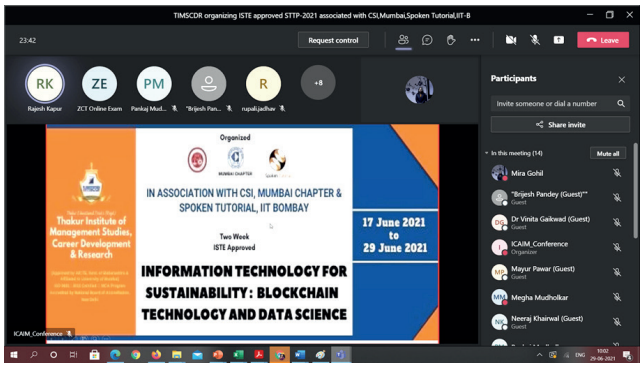




Thinking should become your capital asset, no matter whatever ups and downs you come across in your life.

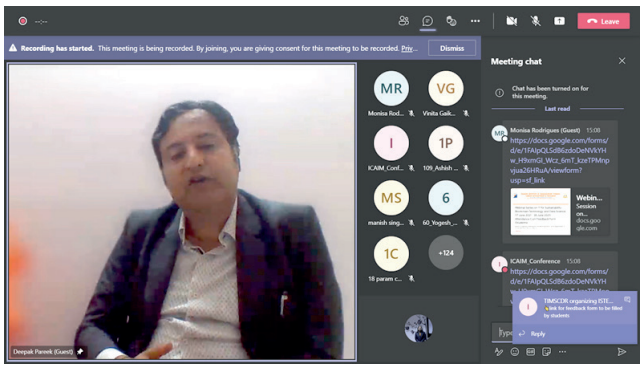
– A.P.J. Abdul Kalam

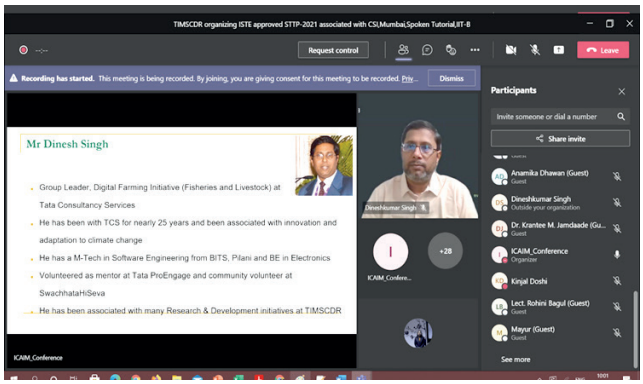
ISTE APPROVED ONLINE STTP 2021 THEMED ON "INFORMATION TECHNOLOGYFORSUSTAINABILITY: BLOCKCHAIN TECHNOLOGY AND DATA SCIENCE"

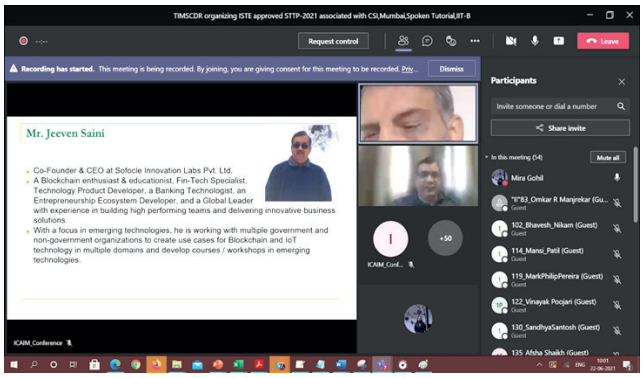


The two week ISTE approved "Information Technology for Sustainability: Blockchain Technology and Data Science" was organized and conducted by Thakur Institute of Management Studies Career Development and Research (TIMSCDR) in association with CSI, Mumbai Chapter and Spoken tutorial, IIT from 17 – 29 June 2021.

Online sessions by prominent speakers on various topics were followed by workshop on "R, Python, PHP Spoken Tutorial" from June 17 - 25, 2021. Links for Spoken Tutorial were given to participants for submission of assignment questions and to test learning on daily basis.

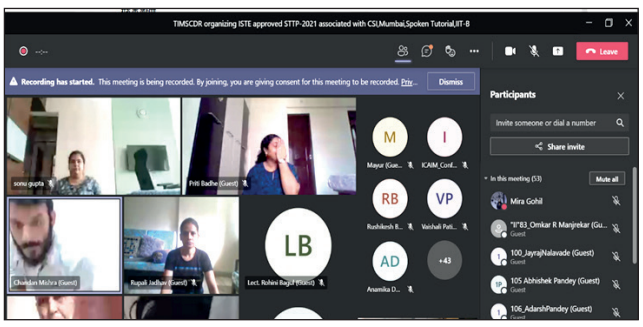






INTERNATIONAL YOGA DAY

Yoga Day was held at TIMSCDR on June 21, 2021 "Be with Yoga, Be at Home!"- Mr. Chandan Mishra, a Yoga Instructor associated with Ground 'N' Pound MMA & Let's Play Foundation. Students, Faculty and Staff of TIMSCDR practiced full body workout along with Pranayam to stay fit and trim.



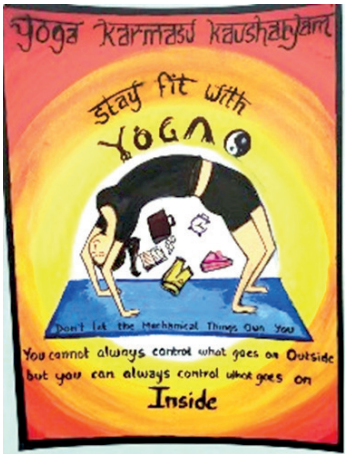
Mascot Naming and Design Contest on Yoga Day

Mascot competition by Ministry of AYUSH (MoA), and Government of India (GoI) was conducted to promote International Day of Yoga (IDY) - on June 21, 2021 Mascots.

Bagheshwar

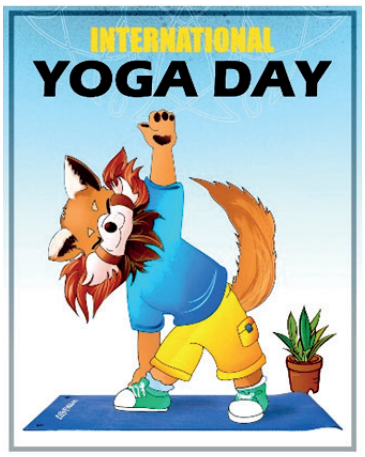
Pritam C. Parab

Stay Fit with Yoga



Khushbu Yadav

The Yoga Paws



Dhanesha Naik

International Conference ICAIM - 2021

- Editorial Team
TIMSCDR

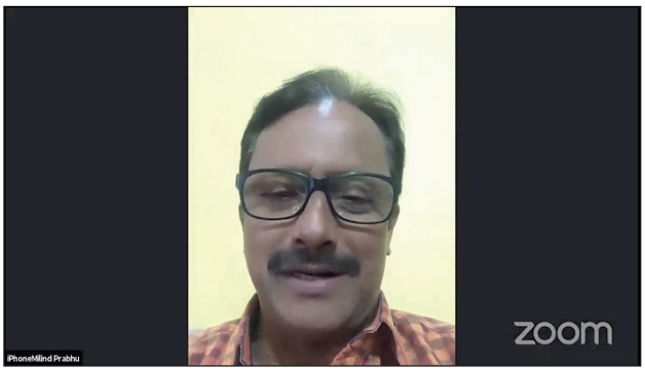
ICAIM – 2021, International Conference on Advances in Information Technology and Management was conducted on 20-21 February 2021 themed "Leveraging Information Technology for Sustainability in Agriculture and Medicine – COVID 19 Crisis" in association with AMC (Association of Medical Consultants), MACCIA (Maharashtra Chamber of Commerce, Industry and Agriculture) and Nordic Center for Sustainable Healthcare (NCSH).

ICAIM-2021 was a unique virtual interdisciplinary International Conference enabling various IT solutions leveraged in domains of Agriculture and Healthcare in the COVID 19 pandemic. Other futuristic avenues for application of IT were also discussed by eminent personalities from all three fields.

Chief Guest – Mr. Santosh Mandlecha, President, MACCIA virtually inaugurated the Conference on February 20, 2021 along with Mr. Milind Prabhu, State Coordinator, MACCIA, Dr. Suresh Shan, Innovation & Future Technologies BITS at Mahindra and Mahindra Financial Services Limited, Mr. Akshay Shah, CEO– iWebTechnology Solutions Pvt. Ltd., and Dr. Vinita Gaikwad, Director, TIMSCDR and unveiled the Conference Proceedings of ICAIM-2021 having 70 research papers written by research scholars and academicians.

Sessions by eminent personalities were delivered as – "Challenges faced by Farmers during COVID-19 Pandemic and the opportunities for IT domain" by Mrs. S. Bhadsawale, SagunaBaug; "Using IT in Agriculture – Digital Green" by Ms. Stuti Verma, Software Engineer I, Digital Green; "IT for Agriculture" by Mr. Prathap Selvan, Founder and CEO, Frutunes Food Products (P) Ltd; "Using IT for Agri-Marketing – Crophunt" by Mr. Nishant Dubey, Founder and CEO, Crophunt; "Challenges faced by Farmers during COVID-19 Pandemic and the opportunities for IT domain" Mr. Rajendra Bhat, Nisarg Farm.

Conference on healthcare domain was inaugurated by Chief Guest – Dr. Deepak Baid, President, AMC with the unveiling of the Doctors workshop book "Virtual Clinic – COVID-19 Scenario" in presence of Dr. Mukesh Gupta, Founder Director – Lenest, Dr. Vikrant Desai, Radiologist, Program Committee Chairman – AMC, Dr. Suresh Shan, Innovation & Future Technologies BITS at Mahindra and



Mahindra Financial Services Limited, Mr. Akshay Shah, CEO– iWeb Technology Solutions Pvt. Ltd., Mr. Sudhanshu Ojha, General Manager, D-Link India Ltd and Dr. Vinita Gaikwad, Director, TIMSCDR.

Erudite sessions as – "IT in Healthcare – COVID-19 Crisis" by Mr. Balasubramanian Sundararaman, CEO – Natural Minds and "Use of IT for confronting the COVID-19 crisis – Sweden" by Mr. Daniel Eriksson, Founder NCHS – Nordic Center for Sustainable Healthcare were part of the event. Panel discussion on "How Information Technology is Changing My Practice in COVID Times and Beyond", moderated by Dr. Mukesh Gupta and Dr. Vikrant Desai with eminent panelists – Dr. Sushmita Bhatnagar, President Elect, AMC, Dr. Saurabh Dani, Past President, AFG, Dr. Neeraj Bijlani, Consultant Orthopedic surgeon, Mr. Dhawal Bhatt, Administrator, Mr. Girish Koppar, Gen. Manager, IT Corporate Office,Wockhardt Hospital.

Doctors Workshop on "Virtual Clinic – COVID-19

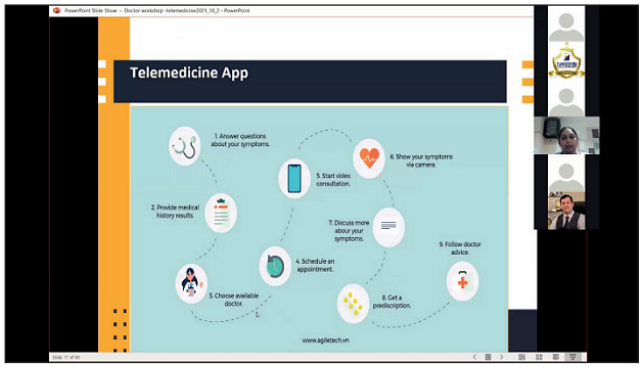
Scenario" on February 21, 2021 was conducted on following key topics –

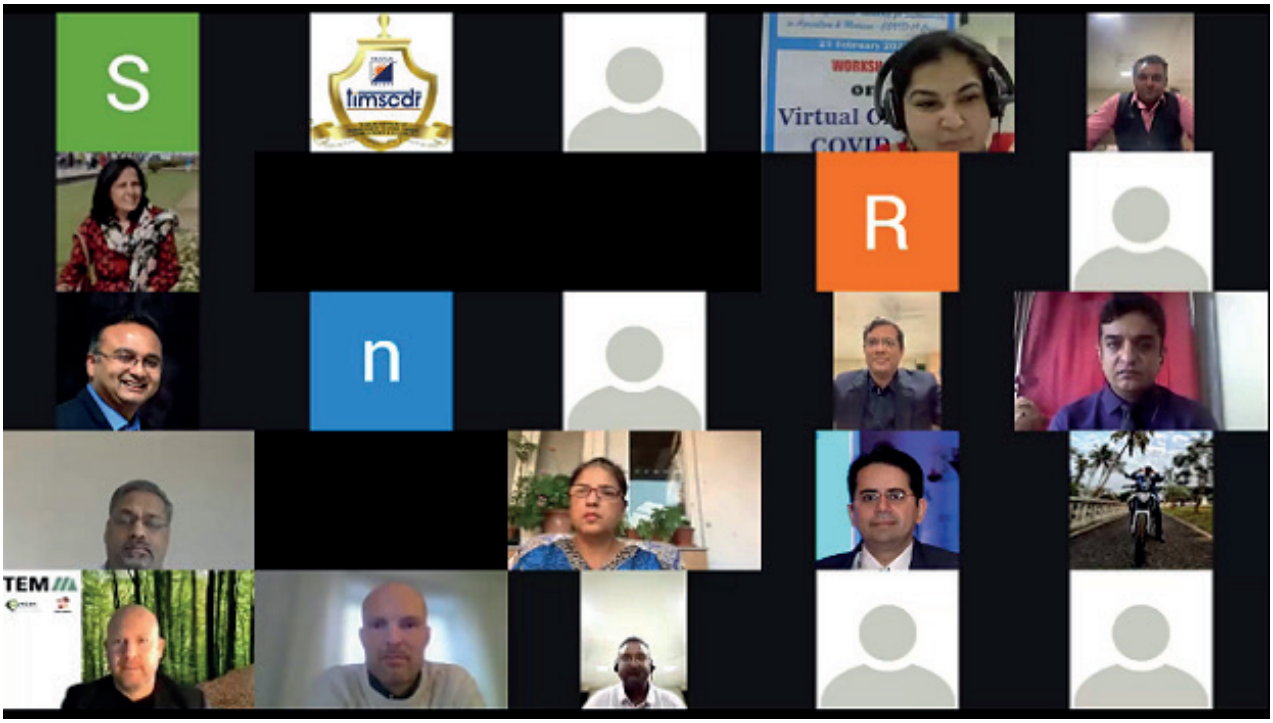
What is Telemedicine in Healthcare?

How website will help to set up Virtual Clinic?

How to promote Virtual Clinic?

Speaker sessions, research paper presentations by scholars and workshop on Internet of Things (IoT) and R Programming were part of the pre-conference sessions were scheduled from February 15-18, 2021.





राष्ट्रीय विकास में विज्ञान और तकनीक का महत्व

विज्ञान और तकनीक दोनों एक ही सिक्केके दो पहलू हैं क्योंकि इन दोनों के बिना किसी भी देश का विकास संभव नहीं हो सकता। इन दोनों क्षेत्रों के विकास से ही देश का विकास जुड़ा है। विज्ञान और तकनीक के क्षेत्र में कई सारे अविष्कार करना किसी भी देश के लिए अतिआवश्यक है, क्योंकि इन्हीं क्षेत्रों के वजह से कोई भी देश मजबूत और ताकतवर बनता है। आधुनिक विश्व में विज्ञान और तकनीक के क्षेत्र में बहुत विकास किया है। किसीभी देश का विकास तकनीकी विज्ञान के बिना कल्पना करना भी मुश्किल है। दोनों ही क्षेत्रों के विकास की वजह से हमारा जीवन सुविधा जनक हो गया है।

हमारे देश को स्वतंत्र हुए ७४ साल हो गए हैं। इतने वर्षों में देश के विकास में विविध क्षेत्रों का योगदान रहा है। विज्ञान और तकनीक भी एक ऐसा क्षेत्र है जिसने देश को विकास की राह पर बढ़ने में सबसे अधिक योगदान दिया है। असल में हमारे जीवन का कोई क्षेत्र नहीं जिसमें विज्ञान का दखल न हो। हमारे दैनिक जीवन में विज्ञान एवं तकनीक एक वरदान बनकर सामने आया है।

वैसे तो हमारे देश में विज्ञान का इतिहास सदियों पुराना है। हड़प्पा और मोहन जोदड़ो की खुदाई से उस समय के तकनीकी ज्ञान के प्रमाण मिलते हैं। लेकिन प्राचीन ज्ञान को भारत में लिपिबद्ध नहीं किया गया था जिसके कारण हम आधुनिक समय में विश्व के अन्य देशोंके तकनीकी ज्ञानकी बराबरी नहीं कर सकें। हालांकि भारत से ही ज्ञान-विज्ञान की अधिकांश बातें अरब से होते हुए यूरोप पहुंची और उन देशोंने वैज्ञानिक प्रगति में नित नई उपलब्धियां प्राप्त की। लेकिन आधुनिक भारत में विज्ञान और तकनीक का विकास योजनाबद्ध तरीके से किया गया जिसका श्रैय वैज्ञानिकों को दिया जाता है। उन्होंने ऐसे कदम उठाए जिनके कारण विज्ञान एवं तकनीक को बढ़ावा मिला।

आजादी के कुछ महीनों बाद ही १० अगस्त १९४८ को परमाणु ऊर्जा के शांतिपूर्ण उपयोग के लिए डॉ होमी जहांगीर भाभा के प्रयासो से परमाणु ऊर्जा आयोग का गठन हुआ था। परमाणु ऊर्जा के अंतर्गत नाभिकीय अनुसंधान के क्षेत्रों में मुंबई स्थित भाभा परमाणु अनुसंधान केंद्र की भूमिका सराहनीय है।

प्रधानमंत्री अटलबिहारी वाजपेयीजीने "जय जवान-जय किसान - जय विज्ञान" का नारा देकर विज्ञान और तकनीकी के महत्व को रेखांकित किया था।

सन १९६० के आरंभ में भारत में भारतीय अंतरिक्ष अनुसंधान संस्थान (ISRO) की स्थापना की। इसरो (ISRO) ने भारत के अंतरिक्ष अनुसंधान कार्यक्रम को अंतराष्ट्रीय स्तर पर प्रसिद्ध किया।

आजादी के बाद कुछ क्षेत्रों में विज्ञान और तकनीक ने अहम भूमिका निभाई है। तकनीकने हर एक क्षेत्र में विकास किया और मनुष्य के जीवन को सुलभ बनाया है।

कृषि क्षेत्र में तकनीक के सहायता से अधिक उत्पादन होने लगा है। तकनीक के वजह से विविध प्रकार के उपकरणों का विकास हुआ है।

शिक्षा के क्षेत्र में बच्चों के लिए स्मार्ट क्लासेस शुरू किया गया है। आज हर एक विद्यार्थी को कम्प्यूटर

और इंटरनेट की सहायता से किसी भी प्रश्न का जवाब का कुछ ही सेकंड में ही मिल जाता है।

विज्ञान ने चिकित्सा के क्षेत्र में भी तरक्की कर ली है। अन्य प्रकार के रोगों के कारण बहुत से लोगों की मुत्यु हो जाती थी। आज अन्य प्रकार के रोगों पर इलाज करना संभव हो गया है। तकनीक के कारण एक्सरे मशीन, सीटीस्कैन, एमआरआय के द्वारा इलाज होने लगा है। तकनीक और विज्ञान के सहायता से आज कोरोना वैक्सीन की खोज हो पाई है।

आज भारत मेंक इन इंडिया कार्यक्रम के तहत सैन्य साजो - सामान तैयार कर रहा है। इसके अलावा नवीकरणीय ऊर्जा के क्षेत्र में भी तकनीकों का विकास किया जा रहा है। आज भारत जलवायु परिवर्तन से निपटने के लिए सजग है।

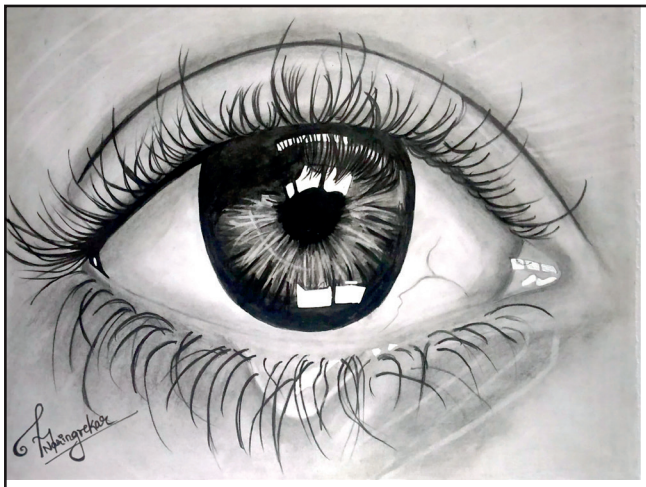
विज्ञान एवं तकनीक की महत्ता अनुपम एवं अनंत है। किसी भी राष्ट्र की समृद्धि का प्रमुख अस्त्र विज्ञान है। यु कहें कि विज्ञान एवं तकनीक के वगैर राष्ट्र का विकास संभव ही नहीं है। विज्ञान एवं तकनीक राष्ट्रीय विकास का सबसे बड़ा साधन है। इसलिए विज्ञान एवं तकनीक का ज्यादा से ज्यादा लाभ उठाना चाहिए। जिससे देश मजबूत एवं समृद्धशाली बन सकें।

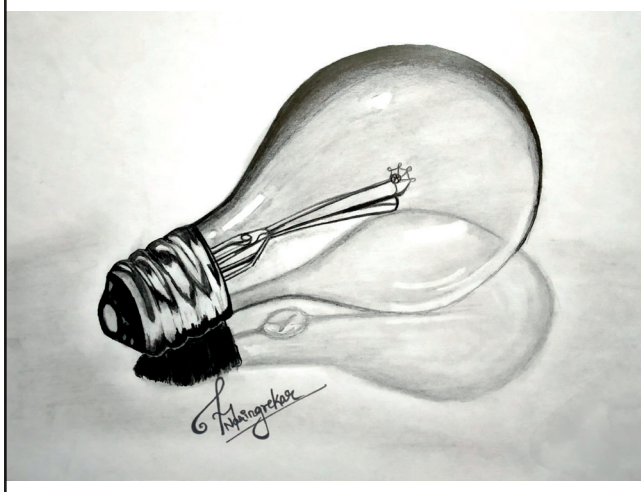
“आज का विज्ञान,
कल की तकनीक है।”

उपयुक्त विवरण के आधार पर यह कहा जा सकता है कि राष्ट्रीय विकास में विज्ञान और तकनीक का महत्वपूर्ण स्थान है। अगर राष्ट्रीय विकास करना है तो विज्ञान एवं तकनीक के द्वारा ही हो सकता है। जो राष्ट्र जितना अधिक विज्ञान एवं तकनीक का उपयोग करे गाव ह राष्ट्र उतना ही अधिक विकास कर सकेगा और अपने आपको विकसित राष्ट्र की श्रेणी में खड़ा कर पाएगा। आज आधुनिक समय में सही समय की मांग है और लोगों की राय भी है।

“माना विज्ञान में हमने किया है विशेष,
फिर भी अभी बहुत कुछ करना है अवशेष।“

- Nisha Mishra,
Roll No.94





C

True Friend, Can you really get?

Friendship is connections among two people unite and share each other's feelings and thoughts. You like the person, be concerned, respect or love them. You share your feelings, thoughts, and ideas, anything and you trust them a lot regardless it's your parent, family or anyone. Friends like to talk, spend more time together, kind, generous, loyal, and honest and have fun.

Friendship is priceless. The best things in your life it's free, and true friends you can't buy with money.

Friends come in all shapes and sizes. A true friend accepts you with all good & bad in you. They know what to say and when nothing at all. Others hear what you say only your best friends listen what you don't say. Only your friend able to tell you the things you don't want to tell yourself. Your Friend is always reaches to you and touches your heart.

When you toss through the collage of people in your life, you may have some people in your corner you may have your best friend, who is there with you to till the end.

So, choose your friends wisely, and that's one of the best ways to level up in life.

The most important lessons in friendship:

1. Be your own best friend. No matter where you go, you always with yourself.

2. Be the friend you want to be. Life tends to mirror you back.

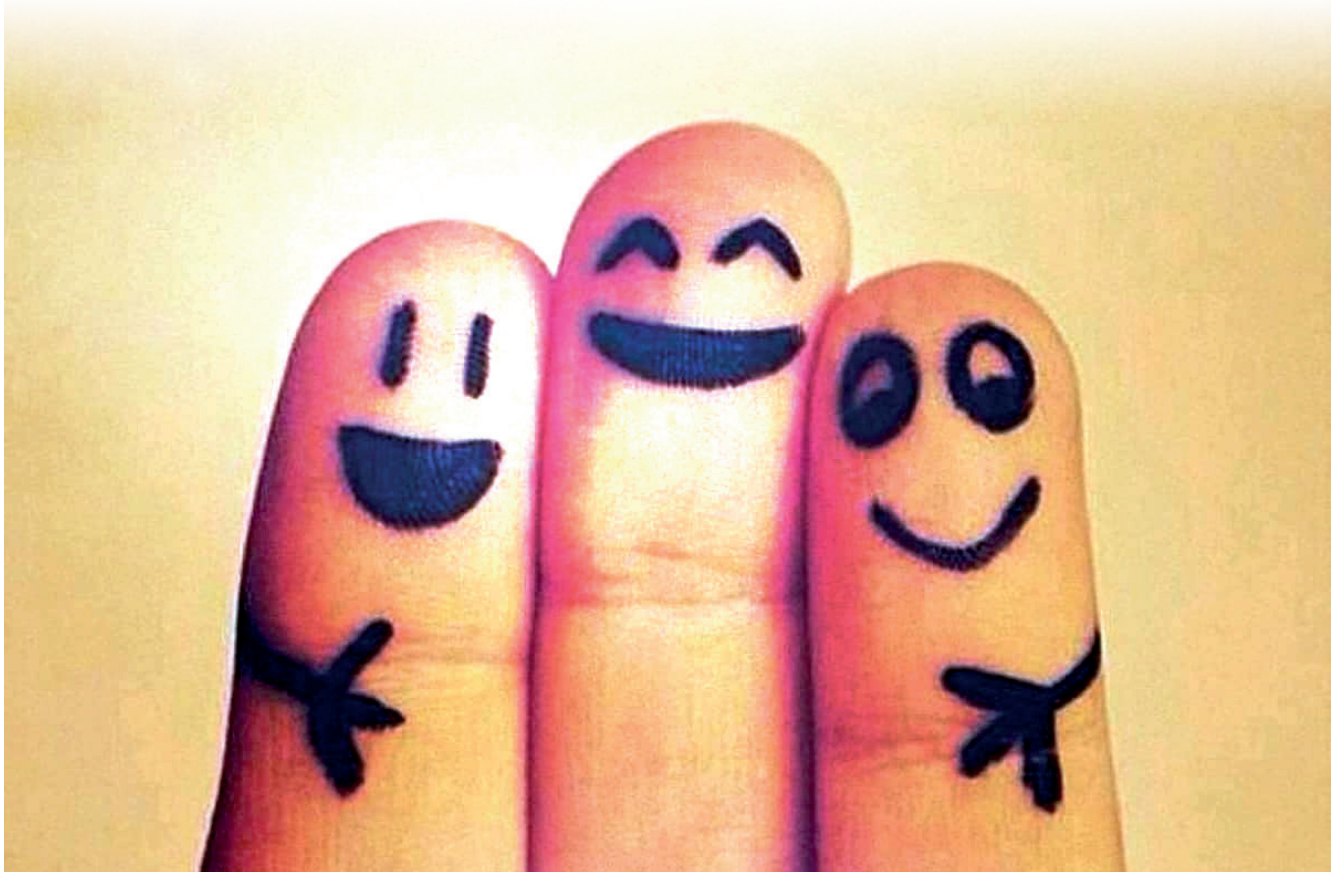
Enjoy yourself first be your own friend then find the one who bring a twinkle to your eye as you remember. The person who believed in you, faith in you, lifted you up whenever you in need, or merely lent you a shoulder to weather the storm in your life

"A good friend is a connection to life – a tie to the past, a road to the future, the key to sanity in a totally insane world." By Lois Wyse

"A loyal friend laughs at your jokes when they're not so good, and sympathizes with your problems when they're not so bad." by Arnold H. Glasgow

"A true friend is someone who thinks that you are a good egg even though he knows that you are slightly cracked" by Bernard Meltzer

Mr. Devidas G. Kalwale,
Librarian, TCET



BlockChain

WHAT ARE BLOCKCHAINS?

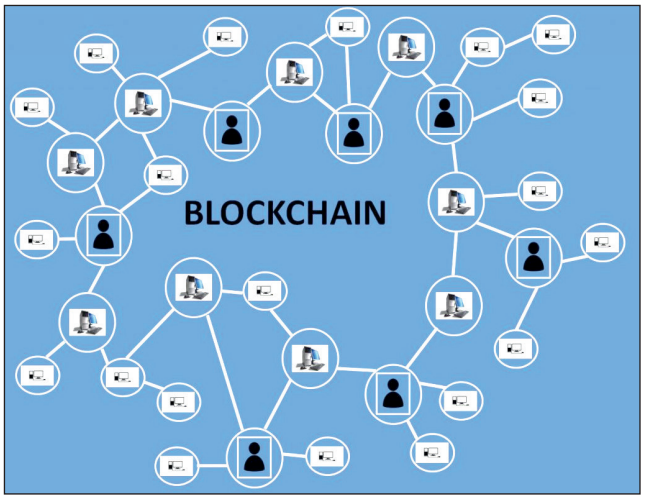
Block chains are new data structures that are secure, cryptography based and distributed across the network. The technology supports crypto currencies such as bitcoin. Spearheaded by bitcoin, the technology allows consensus among distributed nodes which allows the transfer of digital good, data, digital asset and cryptocurrencies without the approval of central authority. The present bitcoin technology is like early internet where permission less innovation like napster, skype, uber, email, worldwideweb has been built.

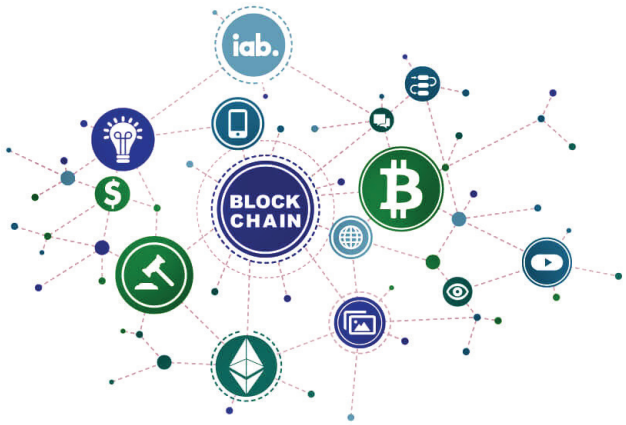
This technology allows transaction to be anonymous, secure, peer-to-peer, frictionless. It does this by building trust among intermediaries to a large global network through mass collaboration and clever code. Cryptography enables tamper proof ledger transaction that ever happened.

A block is the current part of the block chain that records all transaction and once completed, the block chain becomes a permanent database. Each time the block gets completed a new block is generated. Both blocks are linked to each other like a chain in chronological order.

HOW IS IT DIFFERENT FROM CURRENT PAYMENT SYSTEM?

Block chain technology allows instant recognition of the exact size of the block by all the transaction parties. Since all the blocks are updated in different database, it has unique features of security which does not allow tampering of database.





- In addition each block movement across the chain has the ability to be verified by all parties in the chain. As the block carries with it digital imprint or signature of wherever it has been.
- Therefore, it creates instant trust with having to rely on third party like banks to clear the cheques. Unlike the traditional banking system cash transaction are undertaken instantly.

BENEFITS OF BLOCKCHAIN TECHNOLOGY:-

i. As a public ledger each and every transaction is validated which make it more secure and reliable.

ii. Here the transactions are authorized by miners making the transactions immutable and prevents it from the threat of hacking.

HOW IS BLOCKCHAIN THE NEW TOOL FOR DIGITAL INDIA?

i. Blockchain has the ability to optimize the delivery of public services and against corruption.

ii. By maintaining an immutable and chronologically ordered record of all transaction blockchain creates a virtually, securely, publicly temper proof database allowing government to track the movement of funding and making state and local actors responsible for any misappropriations.

iii. It not only deters corruption through accountability but also bypasses the middleman entirely thus making public distribution programs work effectively.

iv. With Aadhar Card becoming nearly ubiquitous in India blockchain plays the center role in India's pursuits to digital economy by storing individual data, making secure transaction and creating permanent or private record.

v. Blockchain system should not only be conceived in financial transaction but is also an appropriate solution to support voting system. In blockchain voting each transaction is similar to a vote and through the use of multiple blockchains along with public key encryption, the voting process is secured. The votes can be randomized more than 3 times so that the identity is not disclosed. And after the process ends a separate blockchain application is created for counting of votes in digital ballot box. The blockchain should match the public bulletin blockchain, proving that the online system has operated correctly.

CONCERNS ASSOCIATED

Banks are at threat as more and more firms (using their IT services provider in India or elsewhere) create or exchange blocks with one another completely legally without using financial intermediary.

WHAT IS BITCOIN?

- Firm using blockchain technology create set of share in a trading entity which is of fixed value or fixed number (much like face value or number of shares offered in initial public offering). These shares becomes a medium of exchange through which people trade goods and services. As the shares are fixed their demand rise stratospherically high.
- The transaction fees are low or nonexistent within bitcoin payment.
- Bitcoin protocol cannot be manipulated by any person, organization or government making it cryptographically secure.
- Due to the fact that the transaction cannot be reversed, do not carry with them personal information. Merchants are protected from potential losses that might occur from fraud.

- Ashay Patil
Sem V-B

Creativity in Your Business

What do you think about creativity?

Some people feel creativity lie in paintbrush of an artist, in sculpture of an architect or in studio. The truth is creativity not detained in one sector. In fact creativity is amazing it generates new ideas, insight or solution through imagination through logic or reason. While Creative thinking takes different approach in problem solving, in a business outcome can be both rewarding and amazing.

Creativity and Innovation

In Business can you think success without any creative or innovative ideas? Creativity is the driving force behind success. Creativity and innovation both thrive in setting the bar higher for the next big idea. Creative thinking is pilot to execution of innovative ideas at workplaces.

Importance of Creativity in Business

Creative business ideas set companies apart from one another otherwise every one follow the same patterns of marketing, promotion, technique, goods and services for selling. Creativity is crucial in present era as market depend on innovative and breaking technology. Teamwork of creative minds pushes business ideas into reality. Once you able to think outside the box, possibilities are endless. Only thing is that employees have opportunity to channel their inner creative mind.

Importance of Creative People in Companies

People who believe that they aren't the 'creative type', are probably the

Some people that believe creativity come from inventive perception; fact is that anyone put in right atmosphere is able to channel creative thinking. Employing creative people in panel allows for a further imaginative approach to problems. Creative thinking can ultimately set your business apart from all of the others, making consumers want to have your product and service over others.

Don't give responsibilities of creative work to few people, involved entire team your business could prosper with creative brainstorming.

Things You Can Implement for Creativity in your Workplace:

Implementing creativity is challenging task, especially when you have group of employee skill. Just engage your employees in more creative thinking and ideas with following advice.

Intellectually challenge your employees:

Match your employees with problem solving experiences. It helps them think and approach situations creatively. Give certain problem or task and allow solving it in numerous ways. Everyday give some challenges- very less because boredom, too much will cause stress it should be healthy balance.

Freedom of expression:

Employees are most creative when they can choose work methods they like to use. Line of work seems not be difficult, it can suppress creativity. Also allow employees to take breaks from certain projects, assignments, or problem solving. When a break is taken, the mind regroups, and creativity can strike up again.

Create diverse work groups:

Diversity allows creative minds to collaborate and solve problems. When in a group, employees can listen to different approaches and build their opinions and thinking process off of one another. Have you ever been in a meeting where different thought processes were being expressed, and a great idea popped in your mind after someone voiced a similar approach? Working in diverse groups can help your employees further reach their creative capacity.

Safe work place:

Person creativity evolves when they feels safe in the environment, they gives more business ideas. They must have encouragement from their managers and fellow co-workers. This helps employees know that they can think freely and creatively without judgment. You inform them time to time about their best and corrective criticism if required.

Organisational support:

This goes along with encouragement. Your entire team should praise creativity and allow others to feel, discuss their ideas openly to multiple people in the office. If you not agree with some ideas never make feel that it was a bad idea.

Allowing your employees to utilize their creative thinking throughout the workday can enhance self-confidence and motivation. Motivating your employees, they work harder to make business a success.

Advantages of Creativity at Workplace

Accepting creativity and innovation into the workplace can be advantageous for everyone.

By implementing creativity, you open the door for employees from all different departments to come together as a team, increasing engagement and interaction in the workplace.

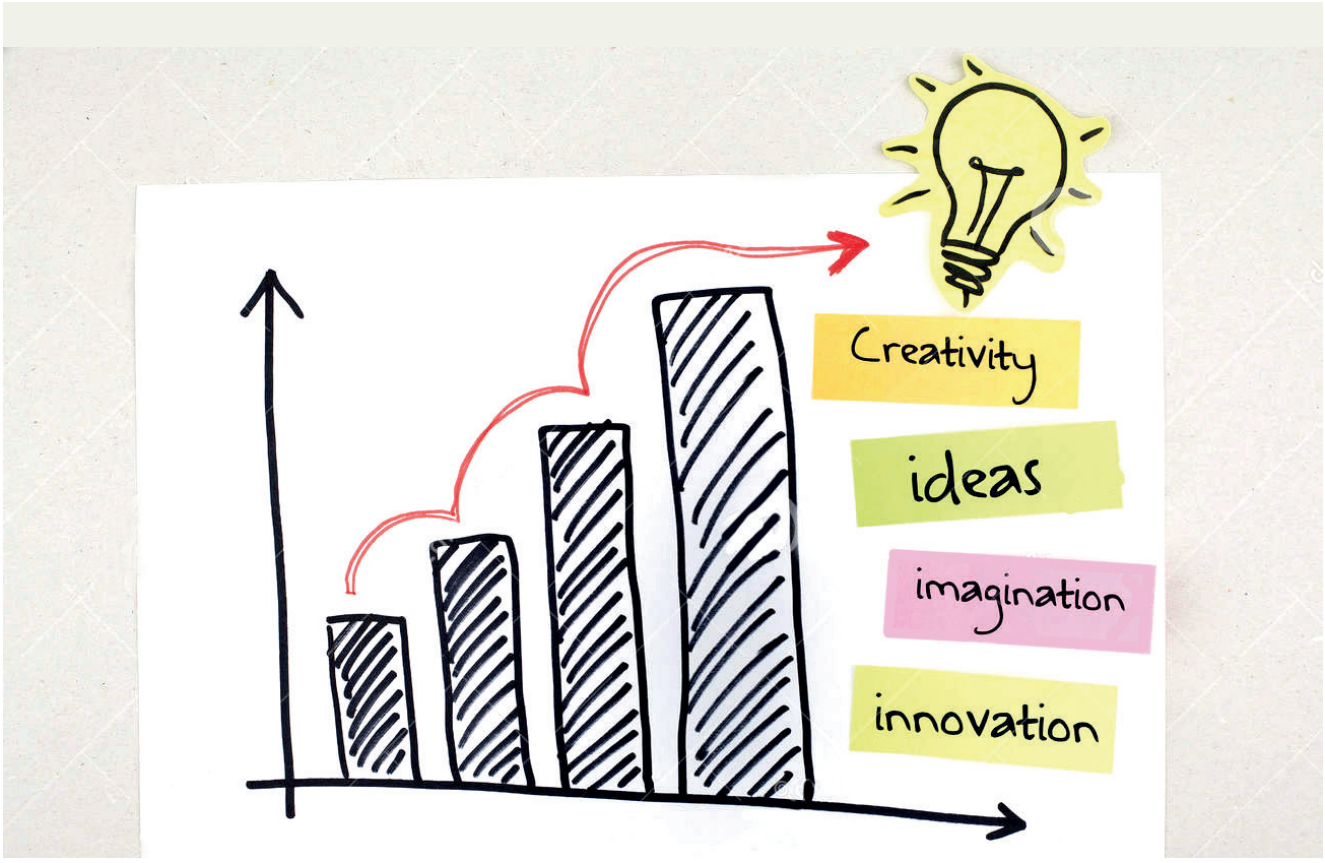
When employees are able to work as a cohesive team, staff morale goes up.

When environment have fun, joyful it attracts more employees and retains quality workers.

Creativity always makes your employees to learn more by seeking multiple options, ideas, and solutions for the business.

Your business will boom with creativity on its side

- Kiran Dubey,
Librarian, TIMSCDR



तुम मेरा साथ देना

इस सफर में मेरा साथ देना मैं लडखडाता बहुत हूं,
हो सके कभी हाल पुछ लेना मेरा तुमसे मैं छुपाता बहुत हूं,
मेरी मुस्कान पर भरोसा ना करना उसके पीछे आंसू छुपाता बहुत हूं,
पता है तुम्हें खुश रखना फर्ज है लेकिन मैं तुम्हें रूलाता बहुत हुं,
दिल के शहर की सज़र बनके रहो ना मैं तुम्हे खोने से डरता बहुत हूं,
तुम सर्द रातों का सुकून बारिश में आसरा बनोगी मेरा, ये सोच मुस्कुराता बहुत हूं
मै पागल सा लड़का तू झल्ली सी लड़की, तुमसे ही तुम्हारे लिए लड़ता बहुत हूं,
तुम्हारी बचकानी हरकतें और मेरे जेहन पे उकेर जाती हैं कुछ किस्से सुनहरे
मै उन किस्सों में खुद को पिरोता बहुत हूं,
तुम मैं और हाथों में हो परछाई हमारी इस हसीन कल को संजोता बहुत हूं,
कहीं टूट ना जाएं ये ख्वाहिश मेरी, इसी डर से परेशान होता बहुत हूं,
मैं कुछ न कहता ये सारे दर्द खुद ही सहता क्योंकि तुम्हारी हसीन मुस्कान पे मरता बहुत हूं,
ये चुलबुला और गंभीर अंदाज हमेशा संजोए रखना क्योंकि तुम पर गर्व करता बहुत हूं
वक़्त के हाथों छोर दिया है मैंने हमारे कल को कल जो होगा देखेंगे यही सोच मै आजसंग तुम्हारे हंसता बहुत हूं।।

- Aditya Divedi,
Sem V, Roll No 19

- Yash Singh,
Sem III, Roll No 158

एक लड़की को मैंने देखा है

एक लड़की को मैंने देखा है,
ओस की बूंदों सी प्यारी,
गुलाब की पंखुड़ियों सी नाज़ुक,
परियों सी खूबसूरत,
गंगा की धारा सी पावन,
समुद्र के लहरों सी तेज,
हिमालय के चट्टानों सी अडिग,
अथाह ज्ञान का भंडार लिए
कोयल की जैसी प्यारी बोली लिए,
मृग जैसे नयन लिए,
काले घने बाल लिए,
निगाहों में अजब सी मदहोशी लिए,
आंखों में थोड़ी शरारत लिए,
निगाहों में थोड़ी हया लिए,
एक बेख़ौफ,बेलौस, साहसी, खूबसूरत , पारिस्थितिक,
एक लड़की को मैंने देखा है।।

- Aditya Divedi,
Sem V, Roll No 19

Puzzles Answer

1. *40 socks. If he takes out 38 socks (adding the two biggest amounts, 21 and 17), although it is very unlikely, it is possible they could all be blue and red. To make 100 percent certain that he also has a pair of black socks he must take out a further two socks.*

2. *We know Ben isn't telling the truth because if he was, there would be two knights; so Ben could be either the knave or the spy. Cody also can't be the knight, because then his statement would be a lie. So that must mean Alex is the knight. Ben, therefore, must be the spy, since the spy sometimes tells the truth; leaving Cody as the knave.*

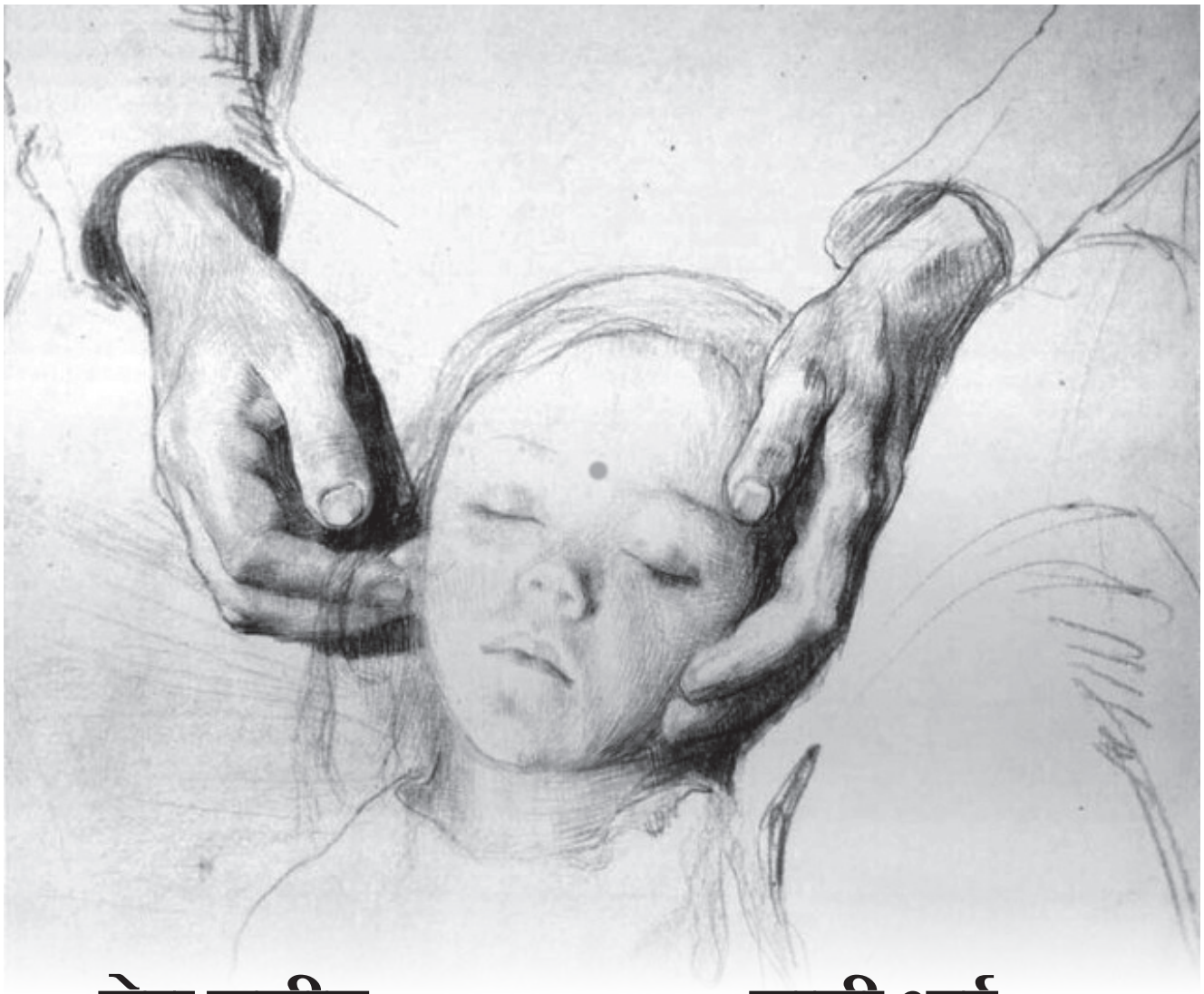
3. *First, the farmer takes the goat across. The farmer returns alone and then takes the wolf across, but returns with the goat. Then the farmer takes the cabbage across, leaving it with the wolf and returning alone to get the goat.*

4. *"I will be killed by trampling of wild buffalo." This stumped the king because if it's true, he'll be killed by lions, which would render the statement not true. If it's a lie, he'd be killed by wild buffalo, which would make it a truth. Since the king had no solution, he had to let the man go.*

5. *2 out of 3. You know you don't have Bag B. But because Bag A has two white marbles, you could have picked either marble; if you think of it as four marbles in total from Bags A and C, three white and one black, you'll have a greater chance of picking another white marble.*

6. *First, we need to figure out how many total games were played. We get 34 when we add up the game totals, but since two players play each game, there were 17 games played.*

7. *D will be hit to the head by the rolling ball. C will be smacked by the spikes when that same ball rolls onto the swing. B will be hit, in turn, by the counterweight ball thrown off the swing up and forward.*



मेरा नसीब

तेरा ये गुरूर ये नखरे काफी अच्छे है,
तूने खो दिया मुझे,
अब हम अकेले ही अच्छे है.

तुझसे बिछड़ गया ये अच्छा करम था मेरा,
तेरे बिन ना रह पाऊँगा ये भरम था मेरा,

थाली में अगर माँ के हाथ की रोटी है, तो नसीब वाला है,
हररोज भूक लगना तो आम बात है,

सर पे से हाथ घुमाएं वो, तो नसीब वाला है,
हररोज उसके बिना रहना तो आम बात है॥

माझी आई

अक्षर जोडत गेलो जिथे वाक्य कमी पडली
माणस जोडत गेलो जिथे माणुसकी कमी पडली,
पकडापकडीचा हा खेळ सारा,
बालपण जोडत गेलो जिथे मैत्री कमी पडली.

सगळे म्हणतात भाग्य आहे.
सगळे म्हणतात भाग्य आहे.
"इतक दिलं आहे देवाने" बोलायला सोप्प वाक्य आहे.

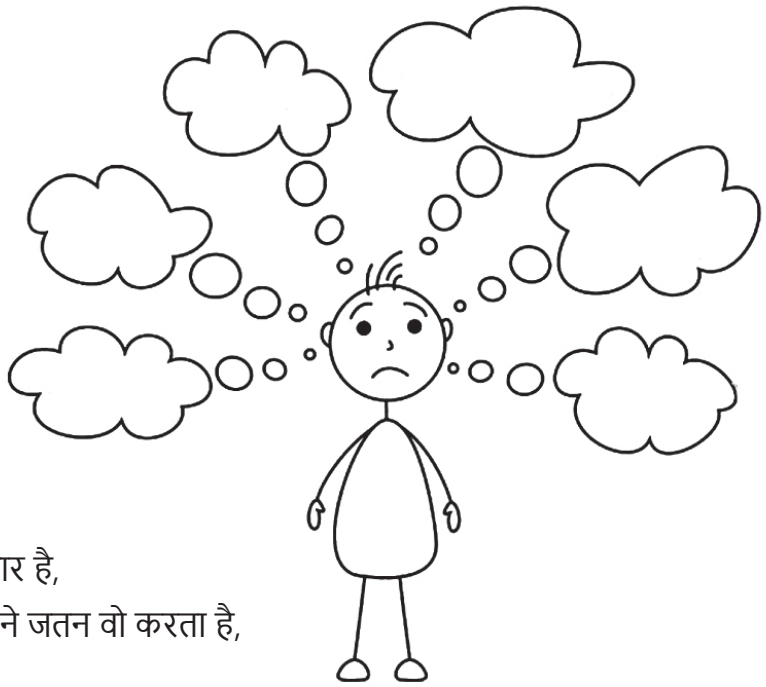
नव्हता तुम्ही, जेव्हा ओझी खांद्यावर वाहत होतो मी!
नव्हता तुम्ही, जेव्हा ओझी खांद्यावर वाहत होतो मी!
आता वाह वाह करणारे चार हात आहे.

गेले सोडून आपले म्हणणारे, त्यांची गरज नाही मला.
गेले सोडून आपले म्हणणारे, त्यांची गरज नाही मला.
डोक्यावरून हात फिरवायला मला माझी आई आहे.

- Rayven Thakur
Sem V, Roll No 98

ख्वाहिश

बाबूजी की ख्वाहिशों का सर पर भार है,
गर जरा सी चूक हुई तो उनके ताने भी तैयार हैं,
मां बाप की सपनों के खातिर दिन रात नहीं सोता है
वो मर्द है उसे दर्द कहां होता है॥



बचपन से ही वह बहुत समझदार है,
अपनी बहन का वह होता पहरेदार है,
उसकी खुशियों के लिए करता खुद से समझौता है,
वो मर्द है उसे दर्द कहां होता है॥

घर से बाहर निकलते ही समाज का वो शिकार है,
कभी निकम्मा कभी आवारा कभी घोषित बिन संस्कार है,
समाज की रूढ़ियों पर खरे उतरने को ना जाने कितने जतन वो करता है,
कहा ना वो मर्द है उसे दर्द कहां होता है॥

पत्नी के हाथों सौंप देता अपनी जिंदगी की पतवार है,
कभी पत्नी कभी मां कभी बच्चों के बीच पिसता वो हरबार है,
उनकी खुशियों और उनके सपनों के लिए नींद चैन खोता है,
कहा ना भाई वो मर्द है उसे दर्द कहां होता है॥

पिता बनने के बाद भी होते उस पर अत्याचार हैं,
कभी बच्चों की शादी कभी उनकी शिक्षा आदि पर खर्चे हजार हैं,
बच्चे उसके अपना सपना पूरा कर सकें वो अक्सर अपने सपनों को कुचल दिया करता है,
वो मर्द है भाई साहब उसे दर्द कहां होता है॥

वृद्ध होने पर ना चाहते हुए लाचार है चाहता सिर्फ और सिर्फ बच्चों का प्यार है,
लेकिन नालायक बच्चों की वजह से वृद्धाश्रम अब उसका घर होता है,
आखिरी बार कह रहा हूं वो मर्द है मेरे भाई उसे दर्द कहां होता है॥
"खुद के ख्यालों में खोया नहीं वो,
मर्द था इसलिए रोया नहीं वो॥"

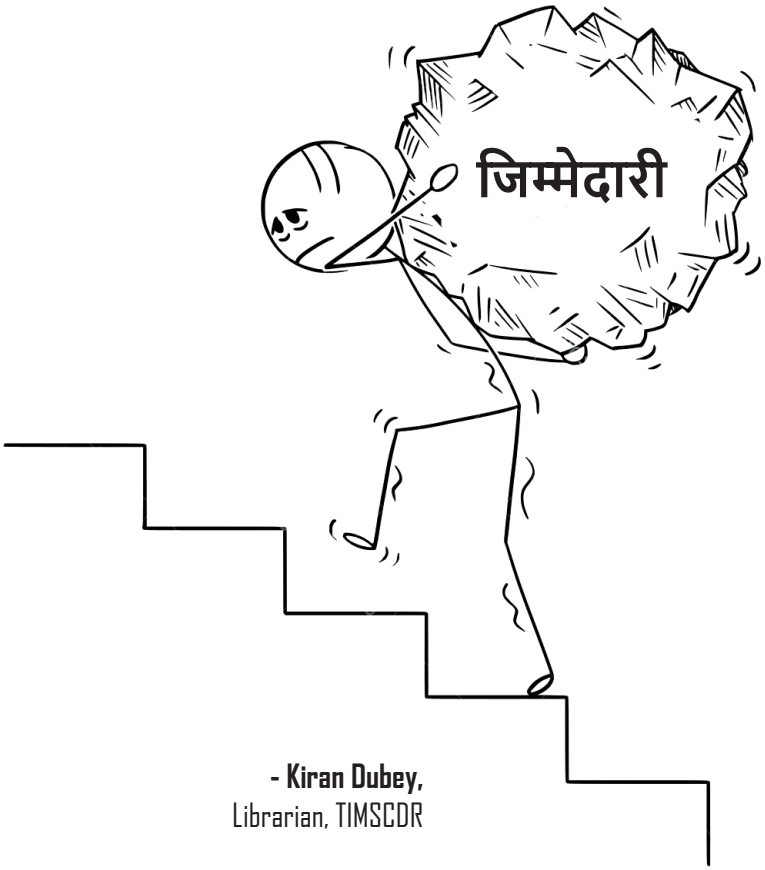
- Aditya Divedi,
Sem V, Roll No 19

वो मर्द है तो क्या, दर्द उसे भी होता है

मासूम सी उम्र से ही सिखाते है लोग,
मर्द है तू , लड़कियों की तरह क्यों रोता है,
वह नन्हा-सा बच्चा कभी रो भी नहीं पाता,
अपनों से भी कुछ कह नहीं पाता है,
लोगों का कहना है मर्दों को दर्द नहीं होता,
पर सच तो यह है कि,
वो मर्द है तो क्या, दर्द उसे भी होता है।।

कहते हैं मर्दों का दिल पत्थर होता है,
उनकी भावनाएं कठोर होती हैं,
पर दिल उनका भी टूटता है,
चोट उन्हें भी लगती है, दर्द उन्हें भी होता है ,
कभी किसी की याद में,
कभी किसी के प्यार में,
पर चुपके से मर्द भी रोते हैं,
ताकि लोग यह ना कहें,
ये मर्द होकर भी रोता है,
पर सच तो यह है कि,
वो मर्द है तो क्या, दर्द उसे भी होता है।।

अपनों के खातिर वो चैन से कहाँ सोता है,
काम की खातिर घर से दूर जाता है,
माँ, परिवार की याद उसे भी रोज सताती है,
पूरे घर की जिम्मेदारी फिर भी मुस्कुराता है,
कभी जिम्मेदारियों के बोझ से वो भी थक जाता है,
लोग कहते हैं दर्द मर्दों को कहाँ छु पाता है
पर सच तो यह है कि,
वो मर्द है तो क्या, दर्द उसे भी होता है।।



अच्छे बुरे कामों में, नाम उसका ही आता है,
उस पर गर हुई हो सितम,
तो भी वो चुपचाप सह लेता है,
उस पर बेशक इल्जाम लग जाता है,
चाहे वो निर्दोष हो या दंडनीय,
उसकी आपबीती भला कौन सुनता है,
बिना गलती की सजा और दर्द झेलना पड़ता है,
लोग कहते हैं, मर्द को दर्द कहाँ होता है,
पर सच तो ये है,
वो मर्द है तो क्या, दर्द उसे भी होता है।।

- Kiran Dubey,
Librarian, TIMSCDR

आपको किसी को जज करने का कोई अधिकार नहीं है...

जरूरी नहीं छोटी उम्र में घर छोड़ देनेवाला नकारा हो,
क्या पता उसपर जिम्मेदारियां ज्यादा हो,
जरूरी नहीं रात में काला चश्मा पहननेवाला हर इंसान बेवकूफ हो
हो सकता है उसकीं आँखो में कुछ तकलीफ हो।
हर वो इंसान जिसको आप मोटा बोलकर हस रहे हो,
क्या पता उसको मोटापे की कोई लाइलाज बीमारी हो।
हर वो इंसान जिसे आप पतला बोलकर उसका मज़ाक़ बना रहे हो,
क्या पता घरवालों के पेट भरने की जिम्मेदारी मे खुद दोजून की रोटी ना खा पा रहा हो,
जरूरी नहीं हर पाईपाई को जोड़नेवाला एक कंजूस हो,
क्या पता उसपर बेटी के कन्यादान की जिम्मेदारी हो।
जरूरी नहीं हर अमीर बाप की औलाद बिगड़ैल ही हो,
क्या पता कोई खुद के दम पर खुद का वजूद बनाने की कोशिश कर रहा हो,
जिस गुमसुम इंसान को तुम पागल सनकी ना जाने क्या क्या कहके चिढ़ा रहे हो,
वो किसी अनहोनी की वजह से टूटने के बाद खुद को संभालने की कोशिश कर रहा हो,
कयों कि हम सब उस दुनिया में रहते हैं,
जहां हमें जन्म लेते ही उम्मीद के बोझ के तले दबा दिया जाता है।
कुछ बड़े हुए तो पीठ पर किताबों का बोझ दे दिया जाता है,
हमें गलतियों पर कभी डांट तो कभी मार दिया जाता है।
कभी हमारी भावनाओं का मज़ाक उड़ाया जाता है,
तो कभी हमारी नाकामी पर हंसा जाता है।
कभी हमारी शक्ल हमारी खूबसूरती को तो कभी हमारे रिजल्ट हमारी बुद्धि को,
तो कभी हमारे उठने बैठने से हमारे चरित्र को भी माप लिया जाता है।
कभी नाकामी को गलती तो कभी सफलता खुश किस्मती समझ लिया जाता है,
कभी प्रेम को मज़ाक तो कभी उसकी नाकामी को "लड़के का कट गया" कहा जाता है,
इन सब से तुम्हारी भावनाओं को दबा दिया जाता है,
जिम्मेदारी के नाम पर तुम्हारे सपनों का गला घोंट दिया जाता है।
इन सब के बीच गर तुम टूट गये तो कायर कहा जाता है,
और गर डटे रहे तो फिर से उपरोक्त मापदंडों पर फिर से तुम्हें परखा जाता है।
और ये सिलसिला चलता रहता है
ताउम्र जिंदगी के खत्म होने तक।।

- Aditya Divedi,
Sem V, Roll No 19

ENTREPRENEURSHIP SUCCESS STORY

GetParking

My name is Rajiv Singh, and I am a TIMSCDR pass-out of 2011 batch. At TIMSCDR I had been part of Training and Placement Cell and took part in organising Vista. I was always given opportunities during my academic life to become self-reliant, lead when needed and being leaded when needed and this bolstered my professional career.

My career started with Reliance Infrastructure in the year 2011 as a Lotus Notes developer. During my brief stint at Reliance I realised that corporate job is not for me as it was binding my energy to do something, to build something. Soon I left my job and started working at start-ups. In my past 10 years of professional life, I have been through thick and thin of entrepreneurial life.

Being born in a joint family of over 50 members, I was always exposed to new technology, be it Radio, TV, early-stage computers before desktops were a thing. I developed an explorer mindset as I used to think with stuff in my household.

My first entrepreneurial venture was opening a library for my household where I was paid 25 paise per book by my family members to read and return on due date. From here I picked up the trait of being self-reliant and during my junior college days I would help my friends and elders to setup their cyber-cafe, hack gaming-consoles, build computers for them and in turn earn money for my pocket expenses.

I with few of my friends started a service-based company catering to building custom software for our clients. Initial few years were good, we weren't making much monetary profit, but we gained lot of first-hand knowledge like dealing with customer expectations, technology that would suit the job etc. The maker in me was still thirsty for more and was not satisfied with my personal progress in services business and I started venturing into the field of IOT and AI. Terminator 2 was the movie which got me hooked into the world of robots and electronics and I had this urge to build something which was intelligent and useful to me.

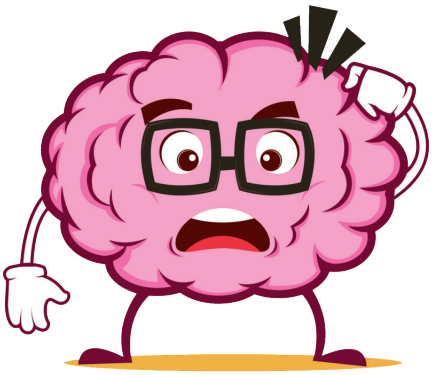
Through networking I met the founder of my current company i.e., Play Time Media (I) Private Ltd and he was in search of a candidate who likes to experiment and research on new technologies and build products. I was the first employee in this company and during initial days I managed to build couple of projects that were more of social engagement platforms, while developing these products we found our calling and pivoted to the main product "GetParking".

I head the technology and research division for GetParking. We are a company which is focussed on management of traffic and mobility. We have built suite of products which are smart and effective in management of vehicular traffic & parking. I am proud of the fact that most of the products being built are made by me and my team. Through small and agile team of developers and tinkerers we were able to land couple of large-scale smart-city projects in India and abroad. Our journey has not finished yet and I believe that through smart work we will be able to produce more intelligent systems in future.

Apart from my professional life I also have started yet another venture by name "BiwiCreations" which mainly focuses on providing a marketplace & a platform for Homemakers to showcase their talents which often go unnoticed. Phase one of it is mainly focussed on Home Bakery and Craft.

Now, I am gearing towards starting a YouTube channel which focuses on IOT and AI. Having an explorer mindset and helping people around you to become self-driven is what drives me. Having self-belief, keeping one-self updated in your field and smart work is the key to success IMHO.

- Rajiv Singh
Alumni - 2011, TIMSCDR



Quick Brain Teaser

1. **Say the days of the week backwards, then in alphabetical order.**

   Try to speak in other languages you can?

2. **Say the months of the year in alphabetical order.**

   Easy, now try in backwards or reverse alphabetical order.

3. **Name three objects for every letter in your name with in 2 minutes.**

   Work up to five objects, trying to use different items each time.

4. **Look around you, wherever you are?**

   Just in two minutes, try to find 3 Black things 2 Red things that will fit in your bag, and 2 Yellow objects unable to fit.

5. **Look around you and count Living & non Living things.**

   Just in two minutes see how much things you have count, then count in 5 minutes. - (see the difference). Next time change your place – like garden, road and mall.

Build your own dreams, or someone else will hire you to build theirs – Farrah Gray

Puzzles That Will Totally Blow Your Mind

1

A person has 53 socks - 21 identical blue, 15 identical black and 17 identical red. The lights are out and he is completely in the dark. How many socks must he take out to make 100 percent certain he has at least one pair of black socks?

2

There are three people (Alex, Ben and Cody), one of whom is a knight, one a knave, and one a spy. The knight always tells the truth, the knave always lies, and the spy can either lie or tell the truth. Alex says: "Cody is a knave." Ben says: "Alex is a knight." Cody says: "I am the spy." Who is the knight, who the knave, and who the spy?

3

A farmer wants to cross a river and take with him a wolf, a goat and a cabbage. He has a boat, but it can only fit himself plus either the wolf, the goat or the cabbage. If the wolf and the goat are alone on one shore, the wolf will eat the goat. If the goat and the cabbage are alone on the shore, the goat will eat the cabbage. How can the farmer bring the wolf, the goat and the cabbage across the river without anything being eaten?

4

A man is caught on the king's property. He is brought before the king to be punished. The king says, "You must give me a statement. If it is true, you will be killed by lions. If it is false, you will be killed by trampling of wild buffalo. If I can't figure it out, I'll have to let you go." Sure enough, the man was released. What was the man's statement?

5

There are three bags, each containing two marbles. Bag A contains two white marbles, Bag B contains two black marbles, and Bag C contains one white marble and one black marble. You pick a random bag and take out one marble, which is white. What is the probability that the remaining marble from the same bag is also white?

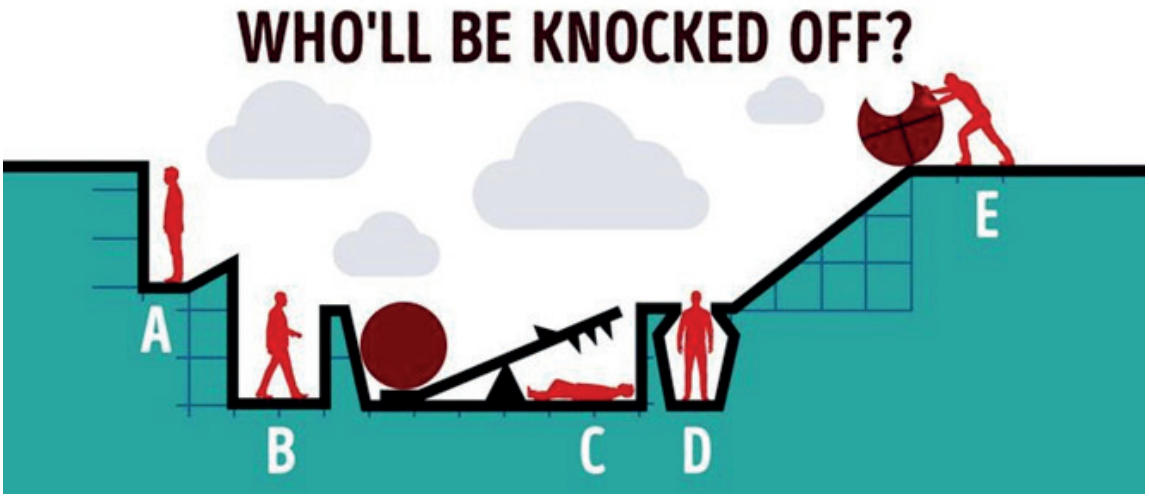
6

Kenny, Abby, and Ned got together for a round-robin pickleball tournament, where, as usual, the winner stays on after each game to play the person who sat out that game. At the end of their pickleball afternoon, Abby is exhausted, having played the last seven straight games. Kenny, who is less winded, tallies up the games played:

Kenny played eight games. Abby played 12 games. Ned played 14 games

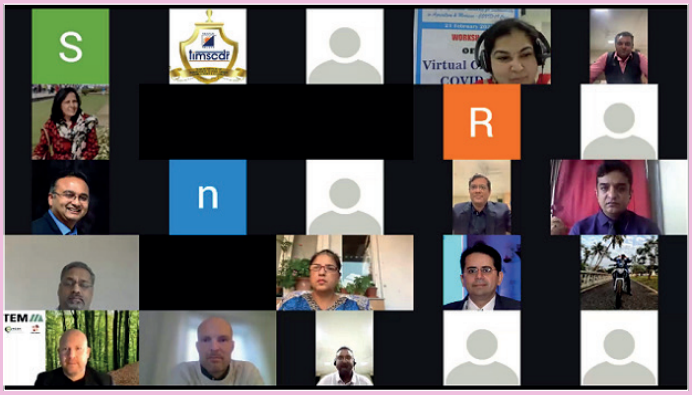
Who won the fourth game against whom? How many total games were played?

7



Celebrations

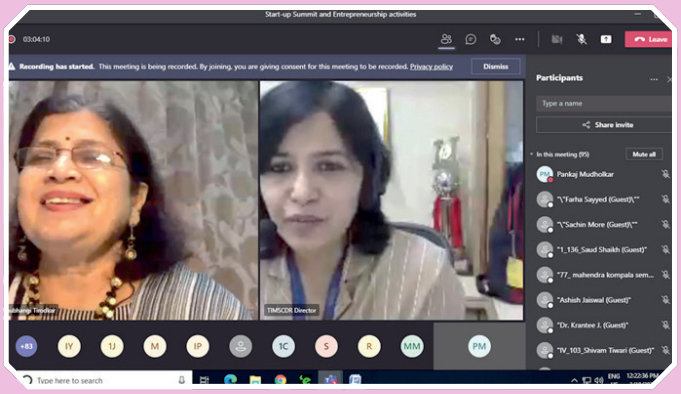
ICAIM 2021

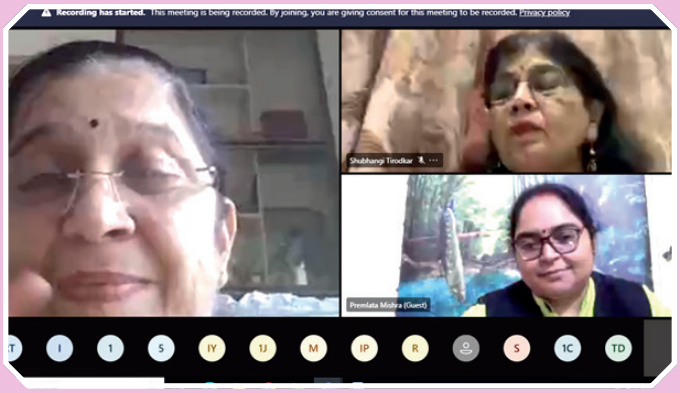


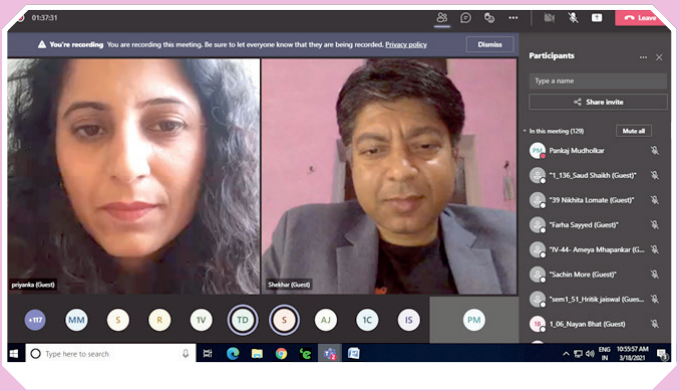
DOCTOR'S WORKSHOP

Glimpses

E-WEEK

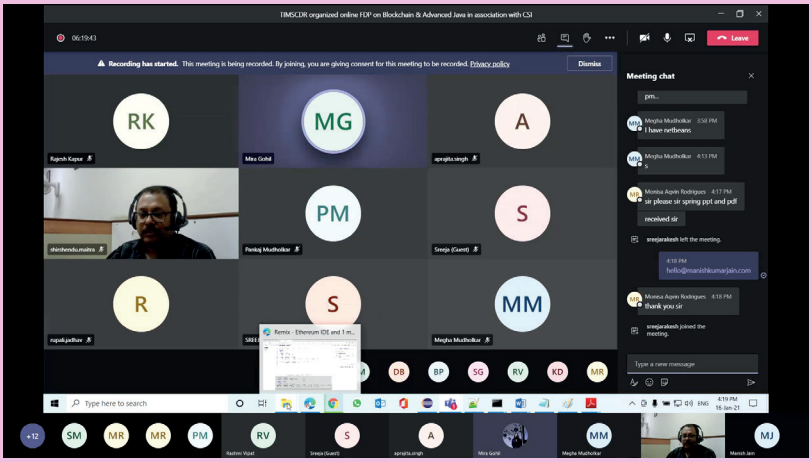




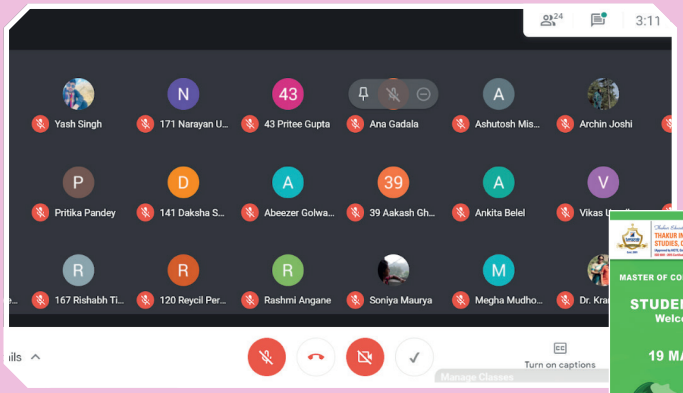


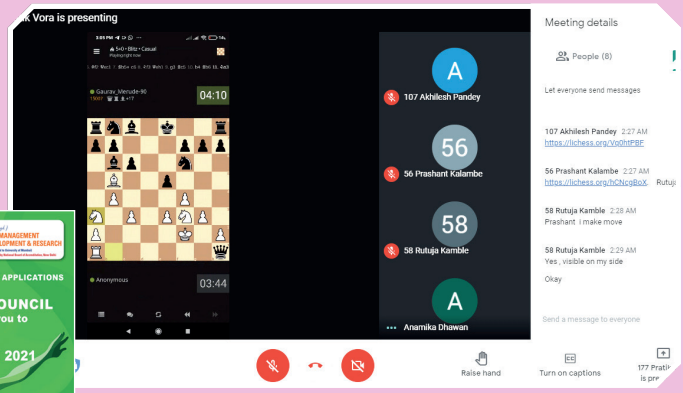
Beyond Lectures

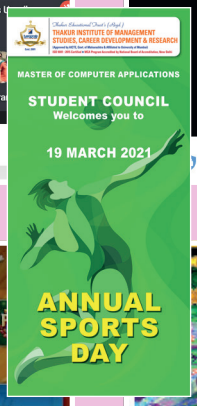
FDP

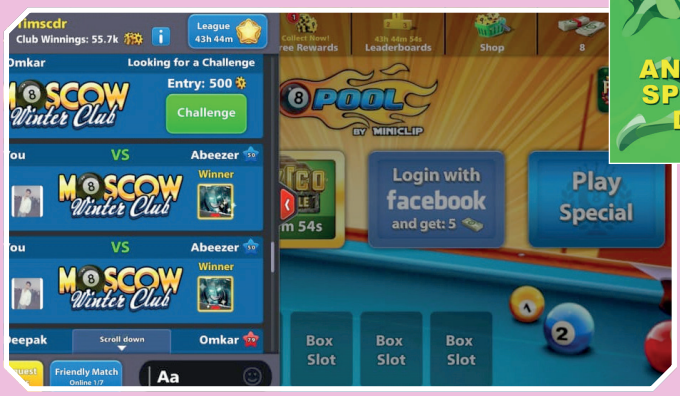


SPORT DAY



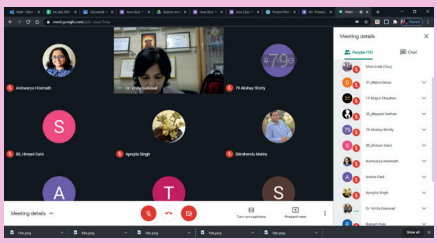






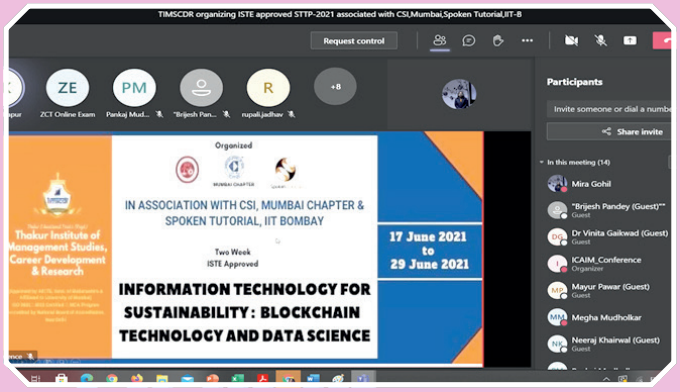
Celebrations

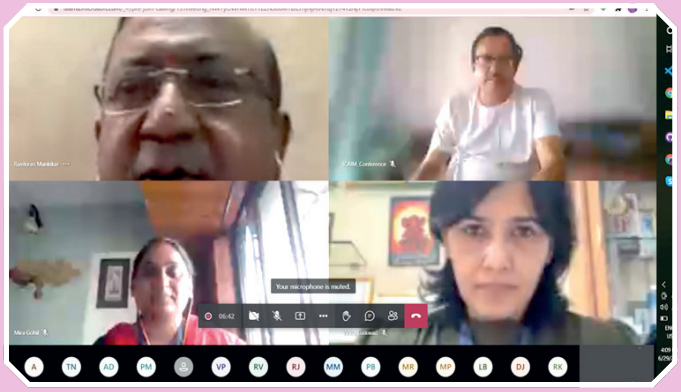
SYNSPSE

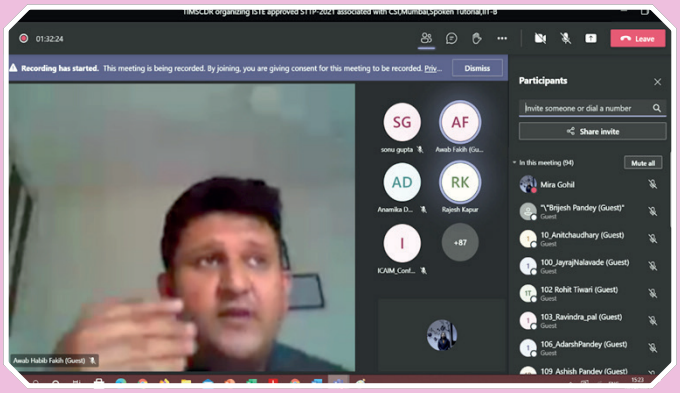


YOGA DAY

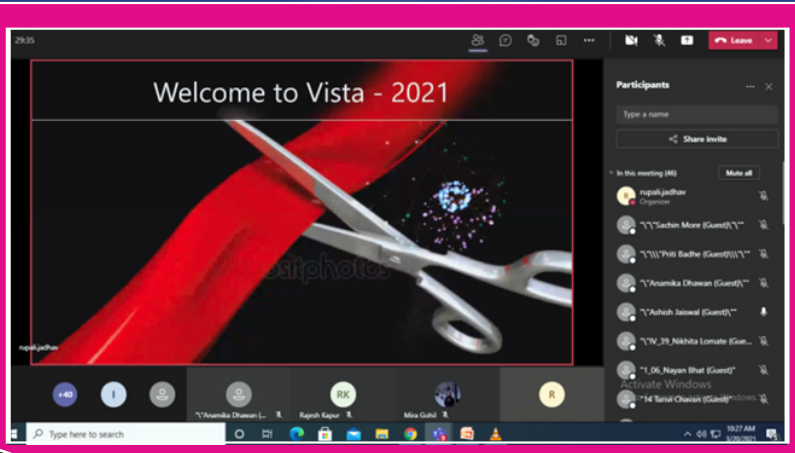
STTP

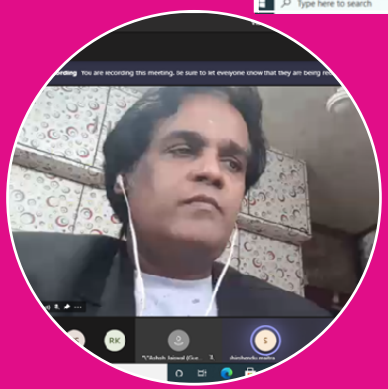


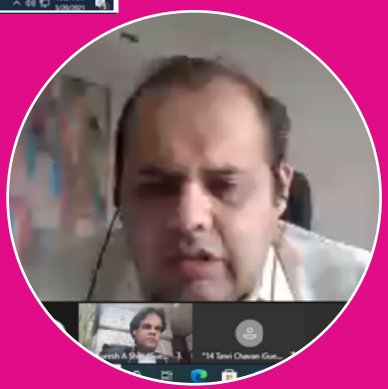




VISTA
VISTA
2021
Presents
Coding
Debugging
Website Desigining
TechDebet
IT Quiz
Logo & Poster design
Treasure Hunt


Welcome to Vista - 2021
Participants





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