13
VOL 2022-23

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 (NBA)
Institute Accredited with A+ Grade by National Assessment and Accreditation Council (NAAC)

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.

Educational Organization 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, in inclusive and conducive academic environment for holistic development of our students.

We work as a team and interact with students in pro-active manner to achieve our Educational Organization Objectives and fulfill all academic, statutory and regulatory requirements. We strive for continual improvement of our Educational Organizations Management System.

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Dr. Vinita Gaikwad

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Khushi Singh
Avinash Gautam

From the Editor's Desk

This year has been remarkable in the growth of our Nation. India's G20 presidency is the culmination of a year of milestones. The country has become the fourth to land on the moon, surpassed China as the world's most populous country and overtaken the UK as the world's fifth-largest economy. TIMSCDR has been preparing its students since 2001 to be able to contribute in this incredible growth of India.

We continuously upgrade the skills of our faculty and staff to deliver value to our students. We encourage our students to take up their role as progressive netizens for the betterment of society. We actively support innovation, entrepreneurship, and social extension activities by our students. It is our constant effort to provide a conducive and inclusive learning environment to our students wherein they not only develop their inherent skills but also acquire new ones and perform beyond their own expectations. Eminence is one such endeavor which provides a platform for students' creativity and literary skills. I hope you enjoy reading the 13th volume of Eminence as much as our students and staff have enjoyed while compiling it.

Dr. Vinita Gaikwad
Director

Our PEOs and POs

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEO-1 : To enable students to gain knowledge across all domains of Information Technology with in-depth understanding of their applications.

PEO-2 : To enable students to analyze problems and to design and develop software solutions using emerging tools and technologies.

PEO-3 : To enable students to continue Life-long learning, Research and Entrepreneurial pursuit in their chosen fields.

PEO-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)

PO-1: Computational Knowledge: Apply knowledge of computing fundamentals, computing specialization, mathematics, and domain knowledge appropriate for the computing specialization to the abstraction and conceptualization of computing models from defined problems and requirements.

PO-2: Problem Analysis: Identify, formulate, research literature, and solve complex computing problems reaching substantiated conclusions using fundamental principles of mathematics, computing sciences, and relevant domain disciplines.

PO-3: Design/Development of Solutions: Design and evaluate solutions for complex computing problems, and design and evaluate systems, components, or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations.

PO-4: Conduct investigations of complex Computing problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO-5: Modern Tool Usage: Create, select, adapt and apply appropriate techniques, resources, and modern computing tools to complex computing activities, with an understanding of the limitations.

PO-6: Professionl Ethics: Understand and commit to professional ethics and cyber regulations, responsibilities, and norms of professional computing practices.

PO-7: Life-long Learning: Recognise the need, and have the ability, to engage in independent learning for continual development as a computing professional.

PO-8: Project management and finance: Demonstrate knowledge and understanding of the computing and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO-9: Communication Efficacy: Communicate effectively with the computing community, and with society at large, about complex computing activities by being able to comprehend and write effective reports, design documentation, make effective presentations, and give and understand clear instructions.

PO-10: Societal and Environmental Concern: Understand and assess societal, environmental, health, safety, legal, and cultural issues within local and global contexts, and the consequential responsibilities relevant to professional computing practices.

PO-11: Individual and Team Work: Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary environments.

PO-12: Innovation and Entrepreneurship: Identify a timely opportunity and using innovation to pursue that opportunity to create value and wealth for the betterment of the individual and society at large.

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.

INDEX

Title	Author	Page No.
The Year That Was... 2022-2023	Editorial Team / TIMSCDR	1
International Conference ICAIM - 2023	Editorial Team / TIMSCDR	12
Creativity & Innovation	Anupriya Panicker / 73-SY	15
ISRO: The Pride of India	Prachi Rajnath Yadav / 160-FY	17
Life Lessons from Chandrayaan-3: Transforming Setbacks into Cosmic Triumphs	Shubham Yadav / 159-SY	20
Scatch	Anamika Dhavan/ Asst. Proff., TIMSCDR	20
Scatch	Rashmi Vipat/ Asst. Proff., TIMSCDR	21
Embrace setbacks as stepping stone to success	Mageshkumar / 53-SY	23
The Evolving Landscape and the Disruptive Potential of AI - Top AI Trends 2023	Muskan Ali / 62-SY	24
The Face of Fear: Student Anxieties and Strategies to Overcome	Thara C./ Asst. Proff., TIMSCDR	25
Happiness and Success in Life	Kiran Dubey, Librarian, TIMSCDR	26
Scatch	Rashmi Vipat/ Asst. Proff., TIMSCDR	27
Secrets to find Happiness in Life	Devidas Kalwale, Librarian, TCET	28
खेलों का राजा - क्रिकेट	Sairaj Pillai / Alumni Batch 2021-23	29
उसके ज़ुल्फ़ों में उलझा मैं, उसके कानों का झुमका मैं	Deepak Maurya/ 58-FY	29
शिवगर्जना	Sarvesh Bhapkar / 6-SY	30
हौसले से मंजि ल पर बढ़ो, एक दिन जीत जाओगे !!	Kiran Dubey, Librarian, TIMSCDR	30
थोर डॉ. बी.आर. आंबेडकर	Shweta Waghmare / Asst. Proff., TIMSCDR	31
Crisp in the fall	Deepak Maurya / 58-FY	32
Scatch	Shweta Waghmare / Asst. Proff., TIMSCDR	32
Puzzle	Editorial Team / TIMSCDR	33
Brain Teaser	Editorial Team / TIMSCDR	34

The Year That Was... 2022-2023

- Editorial Team
TIMSCDR

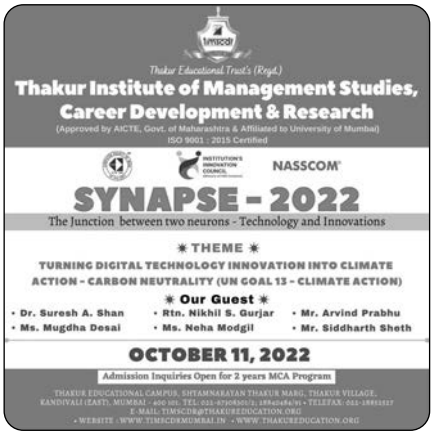
SYNAPSE

SSYNAPSE- The junction between two neurons – Technology and Innovations was themed 'Turning digital technology innovation into climate action-Carbon Neutrality (UN Goal 13 -Climate Action)".

SYNAPSE-2022 curtain raiser was organized on June 4, 2022 where all 189 students from 1st year came up with 19 innovative project ideas on given theme. There were 4 doctorate faculty members who played the role of judge and filtered 12 best novel projects for final synapse event.

The Final Presentation was on 11th October, 2022 where students presented their ideas online to a panel of judges from industry who evaluated the teams based on the criteria like Innovation, Creativity, Technical and Socio Economical Feasibility, Marketing Skills & Team Work.

The Ninth volume of SYNAPSE – Innovation Magazine was released at the hands of the event judges like Dr.Suresh A Shan, working in Mahindra & Mahindra Financial Services Limited , Mr. Nikil Gurjar, President in ThyssenKrupp AG since 2007, Mr. Siddharth Sheth Senior Vice President at CitiusTech, Ms. Mugdha Desai founder of TECHVED Consulting.



हर घर तिरंगा

"Har Ghar Tiranga" on August 15-17, 2022 by TIMSCDR Faculty & Students.

TEACHER'S DAY

TIMSCDR Teacher's Day Celebration for Faculty on September 5, 2022.

DLLE CELL PARTICIPATING, #INDIANSWACHHATALEAGUE

TIMSCDR Students participated in the event by Mira Bhayander Municipal Corporation organized Rally of Youth for Garbage Free Beaches, Hills and Tourist Places on September 17, 2022.

NAAC PEER TEAM VISIT

NAAC Peer Team visited to Institute on October 18-19, 2022. Dr. Gautam Barua, Chairperson, Dr. Mohammad Ubaidullah Bokhari, Member Co-ordinator and Dr. Priti Srinivas Sajja, Member. Our Institute Accredated with A+ grade on October 2022 for next 5 years.

WOMEN'S ENTREPRENEURSHIP DAY- EXHIBITION

TIMSCDR in Association with AUP celebrated Women's Entrepreneurship Day by organizing Exhibition on Friday Nov 25, 2022.

STUDENT INDUCTION PROGRAM (SIP)

Student Induction Program (SIP) was conducted on November 21-29, 2022 for the Batch 2022-23. 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.

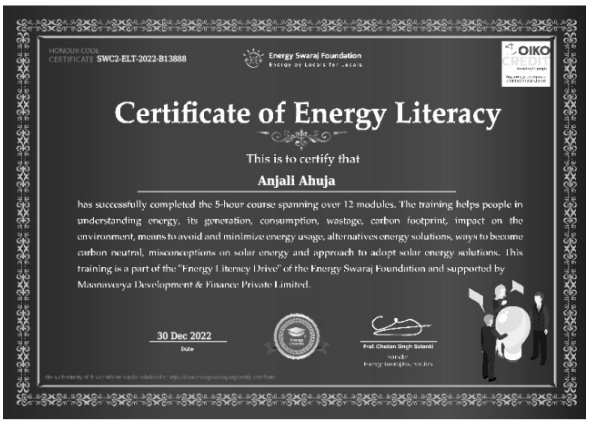
NBA TEAM VISIT

NBA Team visit to our Institute on December 2-4, 2022.

BUSINESS MELA

Mr. Atul Arun Rajoli, Managing Director Lakshyavedh Institute of Leadership & Excellence conducted Workshop on Entrepreneurship Skill, Attitude and Behaviour Development on December 19, 2022.

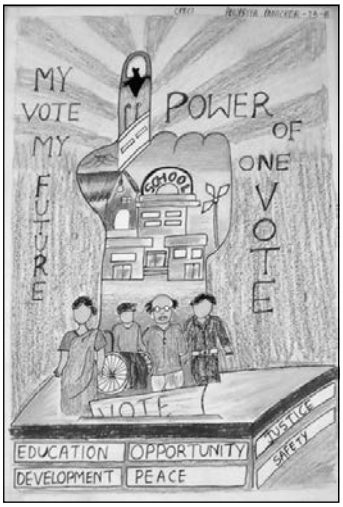
DLLE ACTIVITIES



Celebration of 'Unity Day' on the Birth Anniversary of Sardar Vallabhbhai Patel: Institute celebrated Unity Day on the Birth Anniversary of Sardar Vallabhbhai Patel on October 31, 2022.

DLLE members attended 5 hours online Energy Literacy Training organized by Energy Swaraj Foundation from December 14-31, 2022.

National Voters Day



Essay writing, Make a Meme, Short Film making, Slogan / Song writing competitions by DLLE and UBA Cell on January 9-24, 2023.

Poster Making Competition

Theme "My Right of Voting in Election" and "Women Empowerment" on January 11, 2023.

DLLE First Term Training Program

Training Program by Dr. Sujata Dhopte, DLLE Field Coordinator on January 12, 2023.

REPUBLIC DAY CELEBRATIONS

Republic Day Celebration Promoting "Women's Empowerment" on January 26, 2023.

IOT WORKSHOP

TIMSCDR IoT Excellence Lab - IoT workshop for students on February 7-9, 2023.

DLLE UDAAN

Department of Lifelong Learning and Extension (DLLE), UoM organized its annual festival "UDAAN- the Flight of Extension- 2022-2023.

TIMSCDR participated in Street Play Competition, Poster Competition, Elocution and Creative Writing Competitions. Institute has ranked Second in Street Play Competition. Topic for Street Play Competition was "Digital India"on February 10, 2023.

WORKSHOP ON MAKING PAPER BAG

Workshop in association with Soch Sayani by DLLE & MGNCRE Cell of TIMSCDR on April 3, 2023.

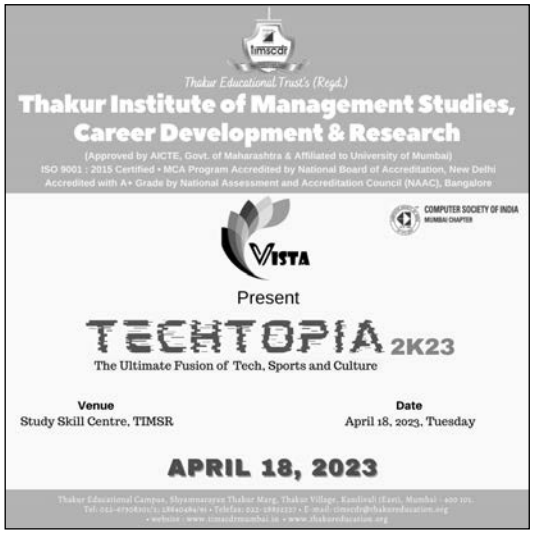
WOMEN'S WELLNESS PROGRAM

Dr. Mukesh Gupta, Chairperson - Media & Communication Cell, AMC, Founder Director - LeNest on April 11, 2023.

DONATION DRIVE AND SENSITIZATION ON WATER CONSERVATION

Visit to Borivali Slum in association with UMEED Foundation was arranged on April 13, 2023 Donations collected at the Institute were distributed to the people and a session on Save Water was delivered to the gathering. Also presented a Street Play on community responsibility to conserve water.

VISTA 2022



VISTA in its 18th year is TIMSCDR's biggest platform for the projection of the creative talents of the students, creating a network with other colleges, students, and organizations. The Intercollegiate Festival VISTA – 2023 based on the theme "Techtopia" was organized on April 18, 2023 on the TIMSCDR campus. The festival was inaugurated by Adv Ramaswamy Seshan, Co-Founder Partner of Vankawala & Ramaswamy Law Firm along with Ms Ritu Advani, Founder of Avinya Kendra, Former President of Giants Group of Mumbai ONE, National Secretary for Chamber for Innovators & Entrepreneurs in India.

During this year's VISTA there was huge participation of students from various colleges. More than 250 students from 20 colleges participated in this Technical Festival in different events. There were altogether 24 Technical, Cultural Events, Sports Events, and Gaming Events. BGMI gaming, Box Cricket, and Flex your Muscle were the crowd pullers whereas, in cultural events like Solo Singing, Dance Performances mesmerized and captivated the audience.

Mega-Event which is the prize distribution ceremony was organized in the presence of the Director – Dr. Vinita Gaikwad and the faculty members.

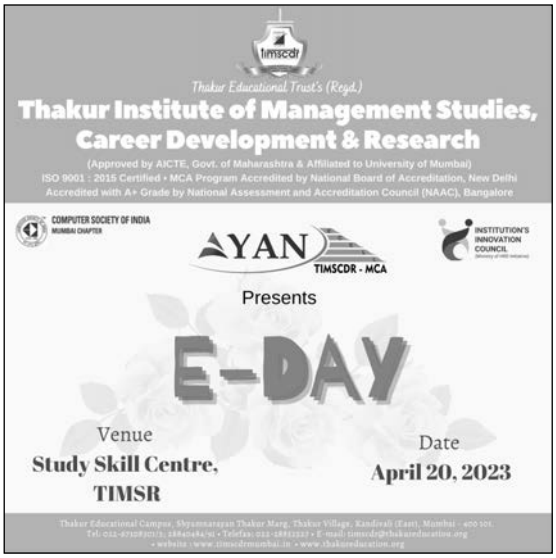
The rolling trophy was awarded to Navinchandra Mehta Institute of Technology and Development, Dadar West.

SPORTS DAY

Annual Sports-Day-2023 was organized on April 19, 2023. The event was inaugurated by Director Dr. Vinita Gaikwad. Indoor games like Chess, Carom, Badminton, Table Tennis, Arm wrestling, Skipping, Tug-of-war and outdoor games like Cricket, Sprint, Relay, Shot-put, Football events etc. were organized.

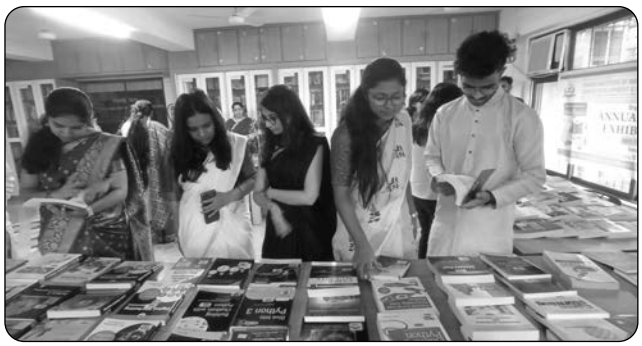
Winners were awarded Certificates and Trophies. Based on maximum participation and winners, Semester II Batch B was awarded the Sports Trophy. Best Sports person Boy and Girl of the Year award was bagged by Aditya Gautam and Neha Yadav respectively.

E-DAY



E-Day innograted by Chief Guest Ms. Jyoti Agarwal, Founder: Maa2Mom, Award Winning Community Leader, Investor, Business Advisor, Marketing Consultant; Mr. Nishit Shah, Engineer, Industrialist, Entrepreneur and Ms. Veena Srivastava, Neuron Consultants, Shercon Designs & Indi Granite, CFO on April 20, 2023.

BOOK EXIBITION



Annual Book Exhibition is organized by the Library on April 20, 2023.

DEGREE CERTIFICATE DISTRIBUTION CEREMONY

Guest of Honor - Mr. Ravi Kajaria, Founder, Digital Transformation Lead, Granuler; Mr. Lalit Popli, Founder and CEO Bluegills Technology; Ms. Jyoti Agrawal, Founder, Maa2Mom; Ms. Anupama (Singh) Padhi, Founder, CEO, DhaaniFoods & Dhaanikala; Mr. Vishwajeet Sukhija, Ex- Microsoft, Startup Founder, Sales and Marketing Strategy, TIMSCDR Alumnus Batch-2005 on April 21, 2023.

BLOOD DONATION CAMP

DLLE cell of TIMSCDR in association with Mahatma Gandhi Blood Centre organize on April 27, 2023.

PAPER BAG DISTRIBUTION DRIVE

Paper Bag Distribution to street vendors in association with Soch Sayani on April 28, 2023.

INDUSTRIAL VISIT- 2023

TIMSCDR students visited Centre of Excellence in Telecom Technology and Management, MTNL on May 18, 2023. Students were familiarized with latest telecom technologies and walkthrough in labs setup for Digital Telephone Exchanges, Transmission, Wireless and Broadband/FTTH (Fiber to the Home).

MOCK INTERVIEW

Mr. Akhilesh Kushwaha, Developer Intern, HomeCapital; Mr. Jaimin Bhatt, Developer Intern, HomeCapital; Mr. Zaheen Maruf, Junior Engineer, Cornerstone Ondemand; Mr. Sandeep Vishwakarma, Developer Intern, Ithink Logistics; Mr. Pankaj Tiwari, Developer Intern, HomeCapital Ms. Pranali Dalal, Developer Intern, HomeCapital; Ms. Ayushi Lohia, Junior Engineer, Cornerstone Ondemand; Ms. Vaishnavi Gowda, Developer Intern, Aurify Systems; Ms. Aniket Maurya, Developer Intern, Arcon; Ms. Apeksha Pathak, Developer Intern, Logixal Mr. Shubham Shukla, Developer Intern, K Analytics; Mr. Satyam Ojha, Dev Intern, Saint Gobain; Ms. Madhura Khaladkar, Developer Intern, Veracitiz; Ms. Vaishnavi Biradar, Developer Intern, Homecapital; Mr. Anand Vishwakarma, Software Developer, Arcon; Mr. Pravin Kumavat, Analyst Intern, BNP Paribas; Mr. Akash Singh, Developer Intern, Gebbs Healthcare; Ms. Vaishali Singh, Developer Intern, BNP Paribas panel for Mock Interviews on May 20, 2023.

ISTE APPROVED STTP – 2023 ON "INFORMATION TECHNOLOGY – WOMEN EMPOWERMENT

TIMSCDR conducted a 2-week ISTE approved Short Term Training Program (STTP), in association with CSI, Mumbai Chapter from May 29, 2023 – June 9, 2023.

The theme of this year's STTP was Information Technology – Women Empowerment. The STTP started with our Director, Dr. Vinita Gaikwad address, wherein she welcomed all delegates and participants.

"Health is the greatest wealth." believing this STTP started with Diet Session on 29 th May 2023. It was taken by Ms. Anupama Singh Padhi, Founder CEO at Dhaani Foods & Dhaanikala. She discussed, health in terms of physical, Social and Mental health. Also provided 7 habits to healthy lifestyle, various millet recipes which made easy to have millets.

On May 29,2023, all faculty members took the online course of MATLAB Fundamentals. The course explored the topics of data analysis, visualization, modeling and programming.

On May 30, 2023, Session on CO-PO mapping was conducted by Dr Kamal Shah madam who is VP at TCET. She talked about PO attainment, to find and bridge the gap. CO should be mapped to revised Bloom's Taxonomy. Using current semester subject data, she explained to calculate CO-PO mapping values, attainment tools, also mentioned direct and indirect tools used for CO-PO mapping.

On May 31, 2023 session was taken by Dr Rajesh Bansode Sir who is professor in IT department in TCET. Session was on Annual Quality Assurance Report (AQAR).

He talked about how AQAR is filled? He said Academic Calendar and Institute Calendar should be in line. Provide reason if documented dates and actual dates are deviating. He also discussed composition of IQAC, AQAR action plan, significance of Performance Indicator while drafting Question Paper. Also points to be considered in each Criteria of IQAC while creating AQAR.

On June 1, 2023, session on MATLAB for Data Processing and Visualization was conducted by Mr. Ankit Kumar, Application engineer, from Design Tech Systems Private Limited.

He explained about Analysis and Visualization with Vectors and Matrices, Tables of Data, Conditional Data Selection, Organizing Data, increasing Automation with Functions. Members successfully scored the certificate in MATLAB Fundamental course.

On June 2, 2023, Dr Mukesh Gupta, Founder director LeNest, Chairperson Media Communication cell, Past President AMC, spoke on Strategy Management. He started with life cycle of any business.

He stated, steps in Strategic management defined by Michael Eugene Porter, are Create unique and valuable position, making trade off "What not to do" and creating right fit by aligning. Also explained that define core competency and work towards it. Continuous Benchmarking is needed.

On June 2, 2023, Second session was taken by Mrs. Bhagyashree Chemburkar on Kitchen Waste Management. She explained every house should take the responsibility of their garbage. For achieving it one should segregate dry waste and wet waste. Wet waste can be utilized in making compost. She shared details of 5 hourly Recycle Cycle Foundation who collects dry waste. Say "No to plastic" to manage dry waste.

On June 3, 2023, was the visit to INSEED NGO, along with Dr Sangeeta Shirname, Founder of INSEED. Entire teaching and non-teaching staff of TIMSCDR, visited Adiwasi village in Janu Pada in Thakur Village, Kandivali East, a small school of underprivileged children.

Dr Sangeeta explained their survival struggle, lack of facilities and opportunities even though it is situated near to the city. She also mentioned how funds and necessary things are collected to satisfy their basic needs.

On June 3, 2023, second session attended by faculty member was on AI tools organized by Be10X. It was given by Mr. Aditya K. He talked about various tools to create effective presentation, to clear junk mails, tools to read research papers, to summarize the article, to practice communication skills, to perform formulae-based activity in excel etc. Faculty received participation certificate from Be10X.

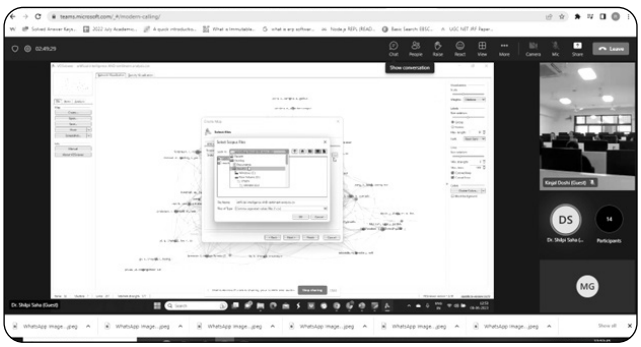
On June 4-5, 2023, two days session was conducted by Mr. Sunil Parekh, International success coach, mind trainer & NLP practitioner, founder of Rise development academy. Subject was "How can a teacher be trained to get best out of students". He talked about taking charge of your life. He gave equation Event + Response = Outcome. Event is not in our hand but if we respond positively outcomes will be positive. He discussed Law of

attraction, Law of Resonance. He gave the working of conscious and sub conscious mind. Amazing, seven steps to success formula was laid down.

Session on "Yoga" was arranged on June 7, recognizing, the importance of physical health, by Ms. Madhu, a yoga trainer. She explained the need of adapting regular exercise for strengthening of vertebral column. She demonstrated various stretching exercises and Asanas. Special arrangement for promotion for domestic tagline "Har Ghar Aangan" Yoga and international tag line as "One Yoga for One World".

On June 7, 2023, Brahma Kumari's Session was held by Ms. Sandhya Sister on the subject Purpose of Life, mentioned that to achieve purpose of our life, we should keep in mind that Gratitude is the highest wealth of life. One should always accept the person as is, do not try to change one then life will be beautiful.

Kavita Sister on Mindset for changing Times. said let Humility be your defense. Understand that the Nature is constantly giving, and we are part of nature so imbibe the same quality within us.

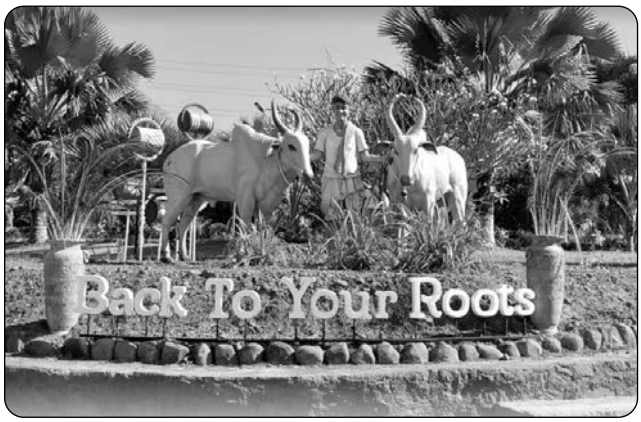


On June 8,2023, Dr Shilpi Shah MSNIM, talked about, "How to write effective Research Paper. Her discussion topics were Bibliometric Analysis, Prisma Analysis etc. She also demonstrated to search similar subject paper of various author and year on IEEE using SCOPUS website. VOSVIEWER software to identify Research area, to know about references, author, co-author, books.

The Valedictory function was held on 8th June, which was honored with the presence of our own Director, Dr Vinita Gaikwad and certificates were distributed to all the participants.

On June 9, 2023, all faculty members and staffs enjoyed a field trip to Monteria Village at Kalote Khalapur, dist Raigad.

Everyone relished experiencing various activities like Giant Swing, Puppet Show, Pottery, Khat Weaving, boating, swimming, rain dance at Monteria Village. A farm tour on the farm land, visit to biogas plant, vermin compost plant was very informative.



International Conference ICAIM - 2023

- Editorial Team
TIMSCDR

Thakur Institute of Management Studies, Career Development and Research (TIMSCDR) organized ICAIM 2023, International Conference on Advances in Information Technology and Management on 11-12 February 2023. Theme of this year's conference was "Leveraging Information Technology for Sustainability in Agriculture and Healthcare – Carbon Neutrality". It was arranged in association with AMC (Association of Medical Consultants), MACCIA (Maharashtra Chamber of Commerce, Industry and Agriculture) and Nordic Center for Sustainable Healthcare (NCSH). Eminent personalities from all three fields – IT, Agriculture and Medicine participated in ICAIM 2023.

ICAIM-2023 was a unique interdisciplinary International Conference enabling various IT solutions leveraged in domains of Agriculture and Healthcare. Other futuristic avenues for application of IT in these areas were also discussed by eminent personalities from all three fields.

The conference was inaugurated on February 11, 2023 by the chief guest Manohar Khake of Agro Consultant and in the presence of other speakers: Krishi Ratna Shri Chandrashekhar Bhadsavle Sir of Saguna Baug. Mr. Balu Agre, Managing Director of Infinity Solutions Laboratories. There were speaker sessions by Dr. Amitava Rakshit from the Department of Soil Science and Agricultural Chemistry, Institute of Agricultural Sciences, Banaras Hindu University. He emphasized the importance of soil health to society in defining ecosystem services. The next speaker, Mr. Balu Agre, MD of Infinity Solution Laboratories, spoke on "Importance of Soil Organic Carbon for Sustainable Agriculture". Another speaker

presentation by Krishi Ratna, Mr. Chandrashekhar Bhadsavle of Saguna Baug was on the Saguna Regeneration Technique (SRT) developed by him which is now internationally recognized to increase soil organic carbon content. The last speaker of the day, Vikram Bansal, CEO of Zerosum, spoke about the utilization of drone technology in various industries.

The second day of the conference was inaugurated on February 12, 2023 by the chief guest, Dr. Nilima Vaidya Bhamare , President of AMC. In her inaugural speech, she stated that the role of AMC is to communicate with the government about the difficulties faced by doctors in various fields.

Dr. Mukesh Gupta , Founder Director – Le'Nest, Chairperson – Media Communication Cell, Past President – AMC moderated the panel discussion on "Digitization in Healthcare" under AMC Soch. Dr. Johannes Brundin and Dr. Johana Hellburg participated in the discussion via Google Meet from Sweden. Dr. Johannes Brundin, co-founder of NCSH Sweden, shared best practices used in Nordic Center Sweden for sustainable healthcare.

Dr. Johana Hellburg: Digitization of patient data is helpful for storing health information and improving interoperability.

Dr. Mangla Ghomare, Executive Health Officer – MCGM (Municipal Corporation of Greater Mumbai), mentioned that partial digitization was done in Mumbai during COVID, which will lead to better medical care. Dr. Abhijeet Ahire, Program Associate, Digital Health PATH under

National Health Mission, Department of Public Health and Family Welfare, Govt of Maharashtra, stated that there is a need to create awareness about Ayushman Bharat Digital Mission (ABDM). Dr. Ashwini Jogade, Medical Superintendent – Nanavati Hospital, mentioned how digitization will help doctors and standardized processes will speed up research work. Mr. Ajay Bhayani – Director, AmbiSure Technologies Pvt. Ltd. spoke about security of patient data and encryption of patient reports.

Mr. Harsh Parikh, Founder, DRiefcase added that data is managed at different levels like lab and clinic so hacking will be difficult. Mr. Sawant from the fire department explained the importance of following fire safety regulations. Dr. Vinita Gaikwad, Director, TIMSCDR, mentioned that despite the gaps, information technology is driving the adoption of digital platforms in healthcare. Therefore, the software also guarantees its security aspects. Dr. Mukesh Gupta summarized that digitization will be done with functionality including security.

Doctors Workshop on "Digitization in Healthcare" on 12 February 2023 was conducted on following key topics –

1. Basics of Blockchain and its Role in Healthcare – EHR
2. Creation of ABHA Registration Number
3. Unified Health Interface

4. DigiLocker, Cybersecurity in Healthcare : the Foundation for Digital Transformation

5. Converting Website to Mobile Application

6. Content Marketing – ChatGPT

The Best Research Paper award in the faculty category was received by paper "Use of Mobile App – Detect SOC to digitize and analyse the readings acquired through SOCDK while checking the level of Soil Organic Carbon in agriculture soil from sample farm " by Dr. Vinita Gaikwad, Ms. Anamika Dhawan, Ms. Shweta Wahgmare.

Best research paper award was received by following students of Semester IV:

1st Prize: "Digital Sampling and Testing of COVID-19 to reduce Lab Procedures further decreasing Carbon Emission Review" by Ananya Nirajkumar Singh, Lacky Shivkumar Singh

2nd Prize: "Carbon Emissions caused due to " Electronic Mails " by Siddharth Nanavati

3rd Prize: Implementation Chatbot Whatsapp using Twilio and Rasa" by Saahas Hemant Patkar, Yogesh Sanjeev Varma.

Best Research Poster award received by following students of Semester I:

1 st Prize: "CO2 Emissions from construction industry" by Shubham Waiker , Gaurav Yadav.

2 nd Prize: "Renewable energy in agriculture" by Rutvik Redkar, Rushikesh Sawant, Ashvin Shetty.

3 rd Prize: "Environmental education for better air quality" by Ashutosh Yadav, Ravi Yadav, Sandeep Yadav, Shubham Yadav.

Creativity & Innovation

Creativity is about coming up with a new idea.

Innovation= Creativity + Implementation.

Innovation is about executing the idea- converting the idea into a successful business.

- Vijay Govindarajan

Innovation= Creating results (values) by doing a new thing.

"There is a way to do it better; find it"

- Thomas Edison

It's not an innovation until it is implemented and works.

Innovation refers to a "new way of doing something".

Innovationrecipe= Creativity+ failure+ Iteration.

While creativity **starts with a totally new idea, the art of getting that idea to work, and making a commercial success of it, is the process of innovation.**

In other words, innovation is related to implementing creative ideas in the real world.

It is also concerned with taking the product across to millions of customers and succeeding in creating a sound and expanding market for the product.

Keeping this in mind, I utilized the free time of lockdown days to make the best out of waste products.

Waste isn't a waste until we waste it.

Similarly, I made products out of waste like An Antique Bottle, a flower bottle, a paper cup flowers, and many more.

Some glimpses of products made by me

These kinds of goodies we can gift someone or we can keep as a showpiece at our home.

1. **Antique Bottle –** This was made withan empty bottle and many collected waste materials like Broken Watch, hair clips, screws, etc.

   I stuck everything on the bottle and painted it to give it a more antique and beautiful look.

2. **Wooden Bottle –** This was made with an empty bottle and coffee-dipped paper. I dipped white papers in coffee water and stuck all the papers on the bottle then varnished it to give it a glossy wooden look.

3. **Paper cup Flowers** – This was made with waste paper cups. I cut the paper cups into flower shapes and coloured them.

I have always been an avid crafter. My family has always encouraged my efforts, whether I am making the collection of waste bottles, plastics, etc. As my crafts have evolved, I have come to realize that crafting things, useful or otherwise, is very much an important part of who I am. It allows me to employ my imagination, creativity, logic, and technical skills.

Crafting for me is not just a hobby or things to do when I am bored. It is a way to use my environment, to discover tools, shortcuts, and new ways of looking at things.

It's a chance for me to use my head and hands to make something practical with fun. I used to plan on majoring in anything craft-based. I don't want it to be my career, but I am passionate about my crafty hand.

I will never stop being a crafty person; I will always have a box of glitter pens, or a crochet needle, or a set of paintbrushes nearby. I will always be the person who I am. A girl – who is creating something new and great, entirely by own.

I started to post pictures of what I used to create on my social media, and after seeing those posts I got many appreciations from my friends and family. Many suggested that to teach the same to them, so I started a YouTube channel and started uploading videos on each teaching the same. I got the positive results on it again. And people started giving orders to me. Therefore, knowingly or unknowingly it somehow also turned out into a small business.

I was happy seeing myself growing in the craft world although I don't want it as my career. Today I can proudly say that I have N-numbered happy customers.

The above was a small glimpse of my passionate field. I upskilled myself technically more when working on this. I sold many handmade dream catchers, acrylic named dream catchers, key chains and many more.

- Anupriya Panicker
73-SY

ISRO: The Pride of India

"India is on the Moon" These were the words of Mr. S Somnath [Chief of ISRO] after the successful soft landing of Chandrayaan-3. The words which brought waves of happiness in every Indian's heart. A random individual commented on a social media platform "Aaj cycle se chand tak ka safar pura hua" [Translation: The journey from cycle to the moon is complete today], true isn't it?. The Quote "All Heroes don't wear caps" goes perfectly for our ISRO Scientist, it wasn't easy but our heroes made it to the moon.

CHANDRAYAAN-3

According to the Chandrayaan program of the Indian Space Research Organization (ISRO), Chandrayaan-3 is the country's third lunar exploration mission. Similar to the Chandrayaan-2 mission, it includes a lander called "Vikram" and a rover called "Pragyan." The lander and rover configuration was transported to lunar orbit by the propulsion module in order to be ready for the lander's powered descent.

Launched on July 14, 2023, was Chandrayaan-3. India became the fourth country to safely land on the Moon and the first to do so close to the lunar south pole. The spacecraft had entered lunar orbit on August 5 and the lander had made its way to the moon on August 23.

Fact: "Chandrayaan-3 costed less than a christopher Nolan's movie 'Interstellar' the movie was made with the budget of 165 million dollars whereas chandrayaan-3 had a budget of 70 million dollars"

LAUNCHING

Chandrayaan-3 was launched from the Satish Dhawan Space Centre Second Launch Pad in Sriharikota, Andhra Pradesh, India, on board an LVM3-M4 rocket. It entered an Earth parking orbit with a perigee of 170 km and an apogee of 36,500 km.

OBJECTIVE:

The Chandrayaan-3 mission's goals, according to ISRO, were as follows:

- Achieving a soft, safe landing of a lander on the Moon's surface.
- On the Moon, observing and showcasing the rover's driving abilities.
- Using items found on the lunar surface to conduct and observe experiments to learn more about the Moon.

Let us now witness the inspiring journey of ISRO from the start

Source [Self edited image][https://vectorseek.com/vector_logo/chandrayaan-3-logo-vector/]

The Foundation of ISRO

Vikram Sarabhai

Source[https://www.dnaindia.com/india/report-visionary-scientist-industrialist-institution-builder-remembering-vikram-sarabhai-on-his-101st-anniversary-2837203]

ISRO [Indian Space research organization] was founded by "Vikram Sarabhai" on 15th August 1969. He was the father of ISRO. It was one of the greatest accomplishments and the best gift to India. the motto of ISRO is "Space technology in the service of humankind"

India's first Rocket Launch

India launched its first rocket from Thumba village in Thiruvananthapuram in Kerala. It was known as the sounding rocket and it was launched on November 21, 1963. The launch happened in the village as there was a small church in the village named "Mary Magdalene" which was on the earth's magnetic equator and this caught the attention of Vikram Sarabhai.

He knew that this was the perfect place for launching the rocket. Dr. APJ Abdul Kalam, Vikram Sarabhai & other team members astonishingly convinced the villagers to move to another village and started their work.

With a little funding, a few young enthusiastic scientists and determination in their hearts they started preparing for the first launch. The church was turned into a workshop, the cattle shed as the storage house and the Bishop's home was turned into an office.

Source: [https://twitter.com/IndiaHistorypic/status/1679842650911027202]

Now comes the most incredible part of the story, the parts of the rocket were carried on a "cycle" or else on a "bullock cart". They had to face tons of difficulties as it wasn't easy but they are today a true example of "The power of never giving up".

The rocket was launched at 6:25am and as it took off successfully, history was created.

MOM [Mars Orbiter Mission]

Source[What Did India's Mars Orbiter Mission See On Mars? | MOM Mangalyaan ISRO]Video's Thumbnail

"Mission Mangal: India's mission to Mars" was one of the most economical interplanetary missions ever undertaken. This was a fascinating accomplishment by ISRO. Mangalyaan was launched on 5th

November 2013, it was India's first interplanetary mission and in the very first attempt India made it to the Martian orbit.

Mangalyaan spent a whole month in the earth's orbit before the trans-mars injection on 30th November 2013. On 24th September 2014 it was successfully inserted into Mars orbit. It was successful in achieving all its objectives. It is also said that in 2024 ISRO will launch Mangalyaan-2.

The Chandrayaan Program

"The first time India 'touched' the Moon"

The first Chandrayaan [Chandrayaan-1] was launched on 22nd October 2008 and was operated till August 2009. It was launched using a PSLV-XL rocket [Serial no. C11]. This mission contained a lunar orbiter and an impactor. It was launched from the Satish Dhawan Space centre in Sriharikota, Andhra Pradesh. ISRO developed its own technology to explore the moon and it gave a significant boost to India's space program.

Everything was perfect and in a controlled manner the impact probe was separated from the orbiter and was successful in reaching the moon, making India the fourth country to place its flag on the moon. After a year the chandrayaan started facing technical issues and later it stopped sending signals. On 28th August 2009 the mission was finally over.

Chandrayaan-1 was operated for 312 Days, and everything went as planned. It did 95% of its tasks perfectly.

Chandrayaan-2

On 18th September 2008 Chandrayaan-2 lunar mission was approved by the then Prime Minister "Mr Manmohan Singh". It comprised 3 parts in it the orbiter, the Pragyan rover & the vikram lander. The mission was launched on 22nd July, 2019. The procedure of Orbiter Lunar Orbit insertion was completed on 20th August 2019.

Chandrayaan-2 lander was scheduled to soft land on the moon surface, however first below 2 km above the moon surface, the lander lost communication with the Orbiter.

Till date Chandrayaan-2 was a highly complex mission of ISRO and it represented an essential technological process. Even if the soft landing did not take place yet it completed its 95% of the tasks.

Chandrayaan-2 wasn't successful but it's unfair if we say it failed. It did not fail, it's just that we lost connection with "Vikram Lander ". Mr. Sivan [The then chief of ISRO] confirmed that chandrayaan-2 will not affect any future missions.

This was the "Cycle se chand tak ka safar" [Translation: The journey from cycle to the moon].

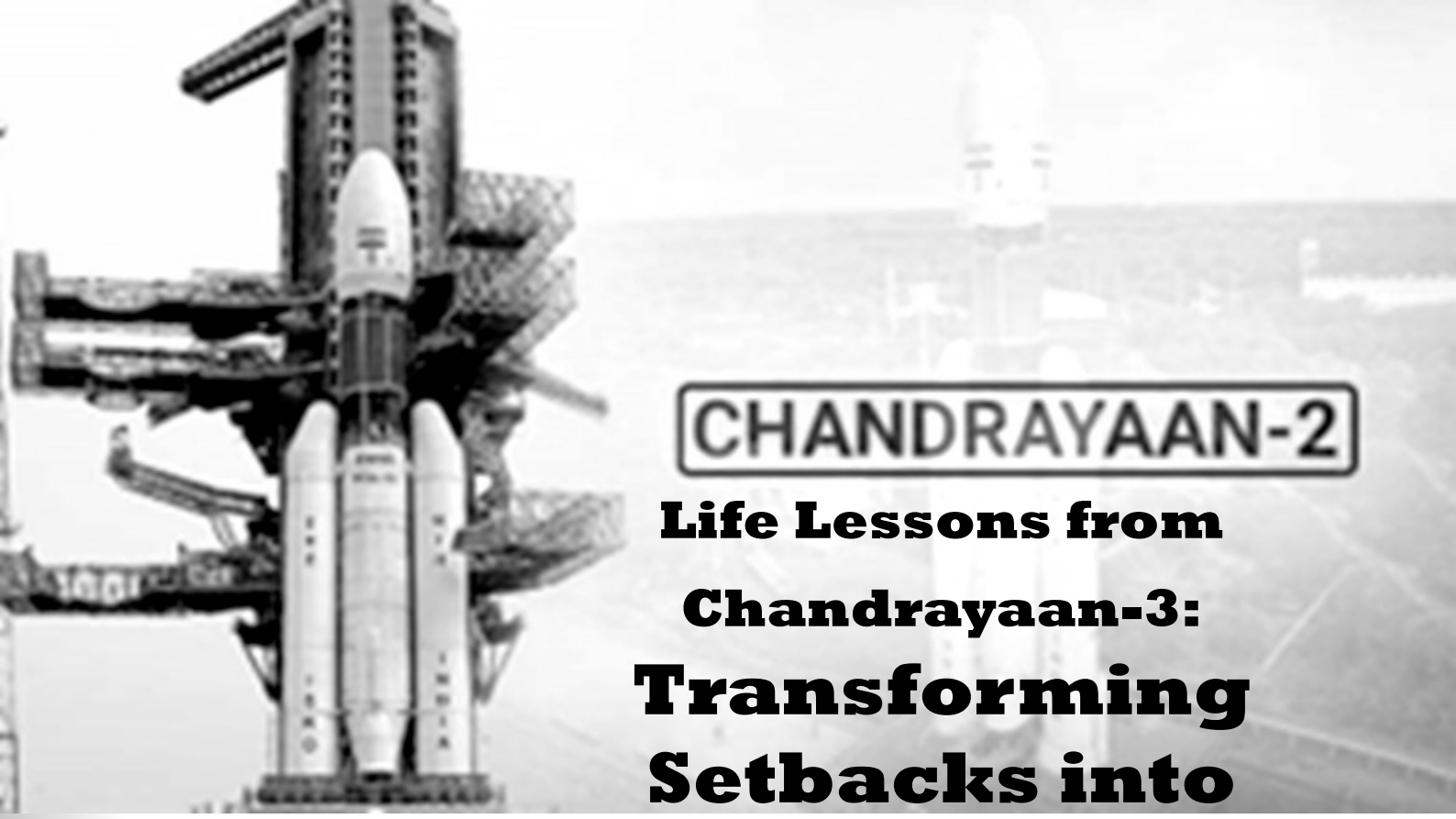
The Future of ISRO

ISRO has so much more to achieve. The successful landing of Chandrayaan-3 has brought millions of people together, and ISRO has revealed plans for a number of new businesses. The development of a solar mission was announced on Thursday by Chief S Somanath. After the lander touched down on the moon, Prime Minister Narendra Modi mentioned upcoming expeditions to the Sun and Venus in a speech.

Chief S Somanath also made a statement saying "In the first week of September, "Mission 'Aditya' will be ready for launch. We also have a flight planned for the end of September or October to demonstrate the crew module and crew escape capability. This mission will be followed by numerous test missions until we launch Gaganyaan[First manned Mission], which might happen as early as 2025.

"Greatness Awaits!"

- Prachi Rajnath Yadav,
160-FY



Life Lessons from Chandrayaan-3: Transforming Setbacks into Cosmic Triumphs

Embark on an extraordinary journey—an odyssey of bravery, resilience, and the remarkable feat of landing on the moon. This is not the script of a science fiction movie; rather, it's the inspiring tale of Chandrayaan-3. Nestled within its accomplishment lies a treasure trove of life lessons that beckon us to turn challenges into stepping stones and convert aspirations into reality.

Lessons Etched in the Cosmos: The Saga of Chandrayaan-2

1. **Embrace Resilience:**

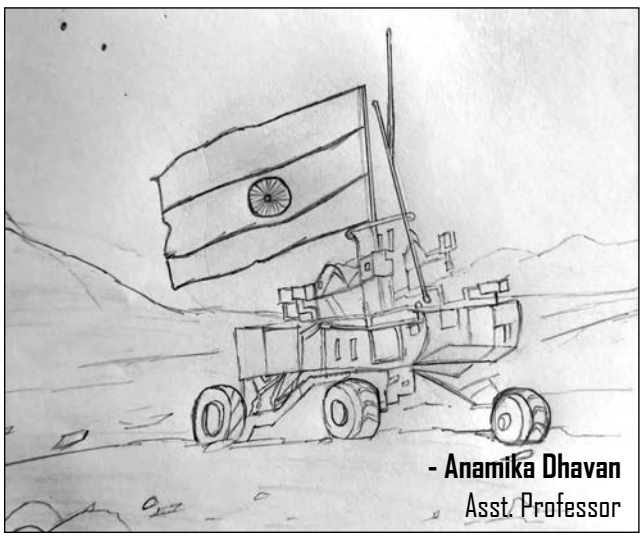
   In the face of adversities, the human tendency is often to surrender. However, ISRO's response was a resounding testament to resilience—the ability to rise again, wipe off the dust of failure, and march forward, even amidst stormy skies.

   Chandrayaan-2 faced a momentous challenge during its descent phase—the lander Vikram lost communication, leading to a hard landing. But ISRO didn't let that deter them. Their perseverance ignited a transformation that transformed the setback into a stepping stone. They taught us that setbacks are not roadblocks but catalysts that propel us towards our goals.

2. **Embracing Failures as Cosmic Mentors:**

   Mistakes, often deemed as pitfalls, can be galaxies of wisdom. Chandrayaan-2's stumble unveiled the truth that failures are celestial mentors, guiding us to examine, assimilate, and evolve from every tumble.

   The software glitch that led to Vikram's deviation from its intended trajectory is a testament that sometimes, even the most intricate plans can falter. However, this falter didn't just define Chandrayaan-2; it transformed it. ISRO showed us that the journey from failure to success is



- Anamika Dhavan
Asst. Professor

paved with lessons. Just as the moon waxes and wanes, life's journey involves phases of growth and reflection.

3. **The Alchemy of Repair:**

Transforming flaws into triumphs is an artistry mastered by ISRO. Rather than dwelling in the shadow of disappointment, they donned the cloak of problem-solvers. They seized the chance to mend glitches, infusing them with the potential to unfurl into opportunities.

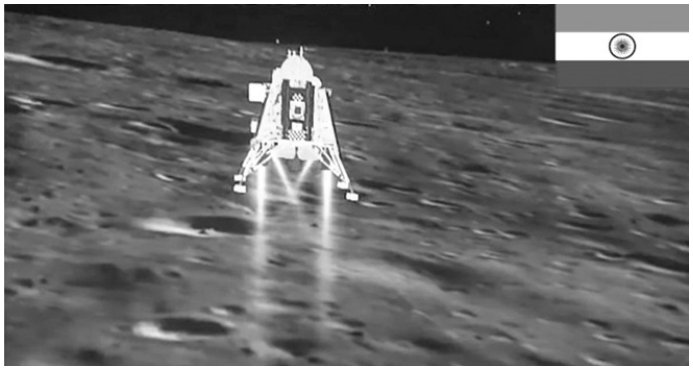
The aftermath of Chandrayaan-2's setback revealed that addressing errors is akin to nurturing a star. By meticulously fine-tuning the guidance and navigation system, ISRO ensured that Chandrayaan-3's descent was a celestial ballet—a dance of precision and perfection. This is a cosmic reminder that the art of repair involves patience, persistence, and the unwavering belief that adversities are but raw materials for triumphs.

Chandrayaan-3's Triumph: A Constellation of Lessons

1. **Precision Touchdown:**

Touching down on the moon's uneven terrain necessitates pinpoint accuracy. Chandrayaan-3 encapsulated the essence of Chandrayaan-2's lessons, a stellar showcase of the magic woven by learning from missteps and blossoming into fortitude.

The memory of Vikram's challenging landing on the moon's south pole remained etched in ISRO's annals. But Chandrayaan-3's flawless touchdown demonstrated that setbacks don't define our journey; they refine it. It's a cosmic metaphor—a testament that every stumble is a catalyst for a stronger leap. Just as the moon's craters are scars of celestial history, our setbacks are marks that illustrate our growth.



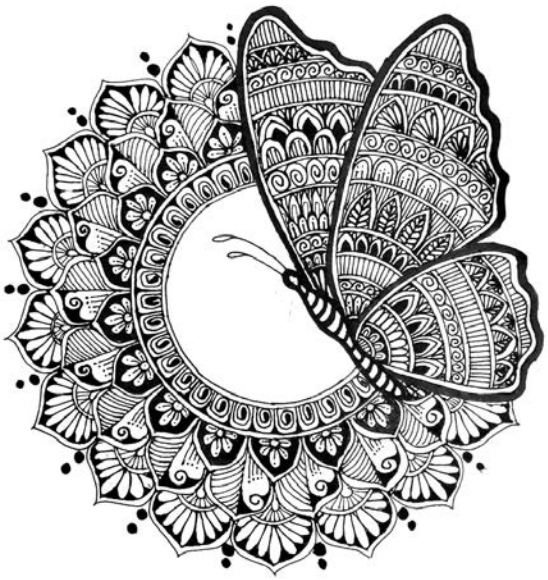
2. **Uninterrupted Cosmic Conversations:**

Bridging the cosmic expanse with conversation is an arduous feat. Yet, ISRO orchestrated Chandrayaan-3's seamless dialogue with Earth, a metaphor that underlines the significance of open communication threads in our own lives. It emphasizes the power of connectivity, ensuring our voices resound, unhampered and unafraid.

Chandrayaan-3's continuous dialogue with Earth is a cosmic correspondence mirrored in our relationships. Just as communication knits together celestial endeavours, it threads the tapestry of human connections. Like radio signals traversing space, our words can traverse barriers, spreading understanding and unity.

3. **Back-Up Plans: Weaving Cosmic Safety Nets:**

Life, akin to the celestial voyage, showers unexpected surprises. The merit of having backup plans parallels to celestial safety nets. Chandrayaan-3's preparedness for twists and turns serves as a beacon, prompting us to anticipate and gracefully navigate unforeseen diversions.



- Rashmi Vipat,
Asst. Professor

The intricate ballet of Chandrayaan-3's landing is a reminder that life's choreography involves anticipating the unexpected. Just as ISRO devised contingency plans, life urges us to prepare for the unforeseen. These plans aren't just safeguards; they are cosmic affirmations of our adaptability and resilience.

4. **The Symphony of Practice:**

   Just as stars align, so did Chandrayaan-3's success—a tapestry woven with dedication and practice. This mirrors the reality that practice, whether in academics, sports, or personal development, paves the pathway to excellence.

   Chandrayaan-3's journey to the moon's surface is an anthem to the symphony of practice. Just as cosmic bodies find their orbits through repeated movements, our endeavors gain momentum through consistent effort. Every step, every practice, is a celestial note in the grand symphony of accomplishment.

5. **A Symphony in Teamwork:**

   At the heart of Chandrayaan-3's victory, harmony emerges from teamwork. Engineers, scientists, and visionaries collaborated in a cosmic ballet, underscoring the boundless prowess of united endeavours.

   The synchronized dance of Chandrayaan-3's success exemplifies the cosmic harmony that emerges from unity. Just as celestial bodies coalesce to form galaxies, our combined efforts create constellations of achievement. The sky above and the tapestry of our lives below mirror the waltz of teamwork—a tribute to the melody woven by collaboration.

The Culmination of Lessons: A Guide for Earthly Sojourns

Chandrayaan-3's triumph is not a mere scientific milestone; it's a compass guiding us through life's terrain.

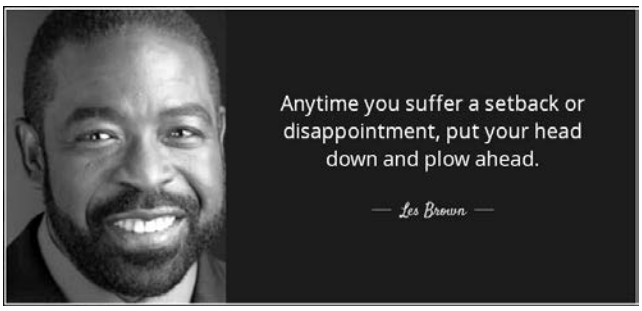
In moments when shadows of challenges loom, ISRO's saga stands as a beacon of inspiration. Stumbles are not the end of the road; they are guiding stars, illuminating the path to growth. Setbacks aren't dead-ends; they are springboards that propel us towards greatness. In the face of life's trials, we have but to invoke Chandrayaan-3's spirit. Every hurdle transforms into a launchpad, each obstacle morphs into a stepping stone, and every dream metamorphoses into tangible reality.

In mirroring ISRO's journey, we partake in the cosmic symphony of resilience, repair, and renewal. The voyage to the moon becomes an allegory for navigating our own aspirations, culminating in a constellation of successes that shimmer across the tapestry of life. Just as ISRO transformed lunar dreams into achievements, let us ignite the spark within us to mold our dreams into milestones and etch our legacy upon the cosmos of existence.

- Shubham Yadav,
159-SY

Embrace setbacks as stepping stone to success

I like to share my friend Mr. Prasanna story, once a promising footballer whose journey took unexpected turns but ultimately led him to a successful career in the IT industry. His story shows how important it is to keep trying when even things are hard and how a famous quote helped him to change things for better



Growing up in a small town, his passion for football was evident from a young age. His exceptional skills and dedication earned him the captain of the school football team, and his dream of becoming professional football was within reach, however a knee injury during a match shattered his dreams.

The harsh truth was his football career was over, He is so disappointed and he remembered the words of les brown and decided to change his energy into new direction

Just like how he never gave up on his football dreams, he also put a lot effort in his studies

Then he started to pursue his degree in computer science, believing that the IT industry could provide a new path for him.

The hard subjects of adjusting to a new place made him really have to try hard. But the quote that meant a lot to him when he played football stayed in his thoughts. He recognized that setbacks were part of life, but he refused to let them define him. With renewed determination, he put his head down and delved into his studies with commitment. He sought the help from professors, friends, gradually building his understanding and confidence.

As time went on, his determination began to pay off. He not only improved his academic performance but also discovered a passion for problem solving and technology.

After many years, he is in a good position in the IT industry. He got there because he worked really hard and never quit. The hard times in football and college made him strong and smart.

His journey inspires those who all meet setbacks. He shows us that tough times aren't the end; they are the chances to show the strength with les brown's word and strong dedication.

He changed from athlete to IT success, proving how strong determination can be…

- Mageshkumar,
53-SY

The Evolving Landscape and the Disruptive Potential of AI - Top AI Trends 2023

Artificial intelligence (AI) is a field that is always expanding with new developments and breakthroughs, influencing the direction of technology.

Up until recently, algorithmic successes, like ChatGPT, were the focus of success stories, but disruptive innovations are increasingly changing. Let's say, how news is reported and how current search engines operate. One such ground-breaking innovation is Odisha TV's introduction of an AI-generated news anchor under the name of "Lisa" which is now the talk of the town, taking away all the attention from ChatGPT. Isn't it bizarre?

So, what will be the next big thing in AI that will blow our minds? Let's find out with the top 2023 trends in the AI realm for which IT enthusiasts and IT experts should be prepared.

Automated Machine Learning (AutoML)

Data labeling will become more accurate thanks to automated machine learning (AutoML), and neural net structures will be automatically tuned. Michael Mazur, CEO of AI Clearing, emphasizes how this development will lessen the need for manual labeling, making the use of AI quicker and cheaper. Enhancing operational procedures like PlatformOps, MLOps, and DataOps—collectively known as XOps—will be a key priority, according to Gartner.

AI-Enabled Conceptual Design

Traditionally utilized for data analytics, AI is increasingly making inroads in the realm of creativity. The DALLE and CLIP models from OpenAI use language and pictures to create inventive visual designs from textual descriptions. The fashion and architectural sectors will transform because of this trend.

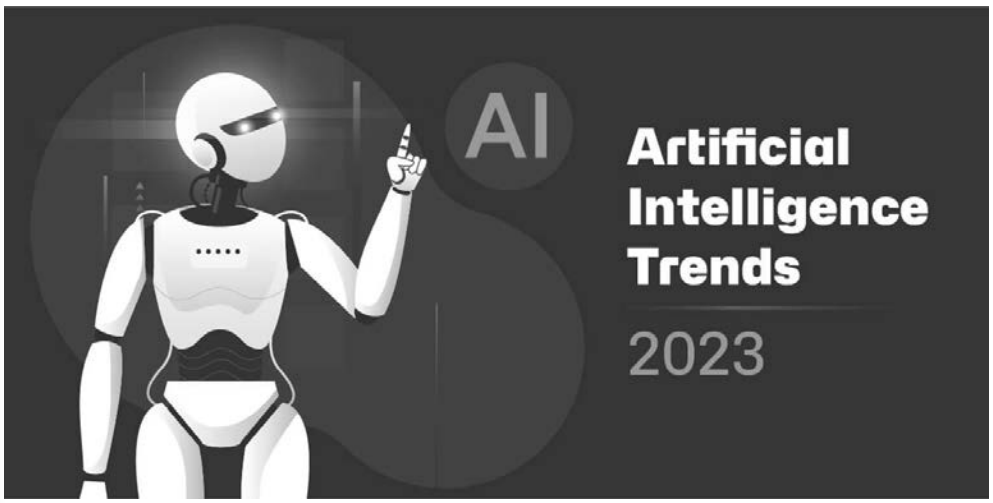
Multi-Modal Learning

AI becomes more adept at supporting several modalities, such as text, voice, visual, and IoT sensor input, inside a single model. Gato, a multimodal AI strategy from Google DeepMind, is an example of this development. As shown in medical diagnosis using multi-modal approaches like machine vision and optical character recognition, combining modalities can improve outcomes.

AI-based cyber security

AI will increasingly be used to identify and address cyber security risks. For organizations to properly manage dynamic risks, defensive and proactive AI implementation will become essential.

Better Language Modeling



ChatGPT and comparable AI language models provide interactive experiences in a variety of fields as demand increases.

- Muskan Ali
62-SY

The Face of Fear: Student Anxieties and Strategies to Overcome

The education journey is frequently described as transforming, providing students with opportunities to broaden their knowledge, abilities, and horizons. However, beneath the surface of this enlightening encounter lies a common yet profound emotion: fear - such as executive anxiety, fear of failure, fear of ridicule, and the cultural components of fear that affect learning from elementary school to college, students experience numerous types of dread, which can have a substantial impact on their academic achievement, mental well-being, and personal growth.

Strategies require educating students about fear, creating a learning environment, utilizing campus resources, proactively interacting with students outside the classroom, and incorporating active learning.

Faces of fear and strategy to overcome fears:

Fear of the Future

Students frequently struggle with the uncertainty of the future as they go from one stage of study to the next. Anxiety might be caused by the fear of not finding work, choosing the wrong competent path, or failing to meet society's expectations.

Strategy: Colleges can provide career counseling and support to students to assist them in exploring various career alternatives and understanding their own talents and interests. Encourage pupils to focus on personal growth and adaptability rather than inflexible job goals to alleviate future anxiety.

Fear of Failure

Fear of failing is one of the most common fears among students. The fear of failing to achieve scholastic expectations or disappointing professors, parents, or peers can be crippling. Students may shun difficulties or new experiences, preferring to stay within their comfort zones to reduce the danger of failure. This anxiety can stifle personal development and keep students from reaching their greatest potential.

Strategy: Encouragement of a growth attitude can help to alleviate the fear of failure. Educators can help students embrace challenges with fortitude and excitement by fostering the idea that failures are opportunities for learning and progress. Small victories along the road can improve confidence and progressively reduce the dread of failure.

Performance Pressure

With an increased emphasis on academic accomplishment, students are frequently under strong pressure to perform well. Whether it's passing tests, getting scholarships, or getting into famous universities, the fear of failing can lead to exhaustion, stress, and even mental health problems.

Strategy: It is critical to promote a balanced approach to learning. Educators and parents should emphasize the importance of holistic development, which includes hobbies, sports, and personal interests. Schools can also teach pupils mindfulness and techniques for stress reduction to help them deal with performance-related anxiety.

Social Anxiety

Another prevalent issue that students confront is apprehension about social contact. Fitting in, making friends, and participating in group activities can be stressful. Isolation caused by social anxiety can impede both academic and personal development.

Strategy: Through team-building exercises, group projects, and frank talks about the value of diversity, colleges may develop inclusive settings. Providing safe settings for pupils to express themselves and share their ideas can aid in the reduction of social anxiety. Emotional intelligence training can help students negotiate social settings with confidence and empathy.

"Fear is an unavoidable element of experience, but it does not have to be a barrier. We may establish educational environments that foster resilience, confidence, and personal growth by addressing these fears and applying solutions that empower to face them head-on. Those who learn to manage their fears will not only perform academically, but they will also gain the abilities necessary to flourish in an ever-changing world."

- Thara C.
Asst. Professor

Happiness and Success in Life

Happiness and success are usually seen as two ideas that are interdependent. We often believe that to be happy, we must have a successful life. People have this standard idea of success which is money, power and a luxurious lifestyle with a promising future and happiness. However, there can never be a universal explanation of what success and happiness are, because they are different for each person. In order for someone to feel successful, they need to learn how happiness and success work together. People need to get over the idea of being successful and achieving goals in order to be satisfied and focus more on self-satisfaction.

Laura Huckabee-Jennings in her book "Happiness and Success" explains how success and materialistic possessions have nothing to do with happiness. People can achieve their goals and be successful, they can become happy, it's not happiness. The moment people are happy about a goal they have just surpassed, they feel a temporary happiness, so they are not happy for long. People start looking for more goals to hit in order to feel euphoric.

According to Huckabee-Jennings, happiness is a constant state of mind, a state of mind is created, and happiness can be created in any situation, good or bad. Achievements and success are simply an addiction to overachievers and they are constantly looking for goals to feel happy. Until people make

achievement one of their core values, happiness is built on people's achievement. Anyone who is naturally attracted to people can attract success through their own happiness.

Although happiness is not about success, truly successful people first find happiness and passion in their lives and careers. Success does not mean that we have to save a lot of money, property or luxurious life. Success means the achievements you get, your personal and social life - you are talented, high academic results, a promising career, obedient children, good life partner, your family and friends. The fact that success brings satisfaction in life makes a person feel happier because he can experience the joy of many things that bring personal fulfilment. While some may argue that success does not bring happiness, many authors have shown that successful people are also the happiest.

Happy people always remain happy because they enjoy learning to improve their achievements. Happiness comes when a person has achieved what he wants to achieve. People who do not get the results they want after struggling too much become depressed or develop other symptoms that cannot guarantee them happiness.

Achieving success gives a person a good mood even during challenges. For example, if they get a promising job, feels happy even in difficult times; because current achievements can help them overcome obstacles in life. Successful people are also the happiest because they don't expect excellence. More often expecting perfection leads to disappointment, especially when the desired end result does not go as expected.

Successful people are always happy because they know that in some situations, some things will not work according to their wishes. Unsuccessful people always push things to happen according to their expectations. When they don't get what they want, they feel dissatisfied, which leads to a lack of happiness in their life.

Keys for Happiness and Success in Life

1 – Gratitude - Happiness and success are preceded by gratitude. We must be happy instead of trying to

succeed in order to be happy. Success does not have to breed happiness. Happiness should be the bread of success.

When we are happy and doing things, love in life, we achieve success. But if our happiness depends on our success, good things will never happen. It's also about focus. What do we focus on in life, we want most? And what are the reasons for focusing on and desiring these things? When we focus on what we don't have, we live in a state of lack. We recognize how much we lack the resources to do the things we really want.

2 - Be there - There is nothing like being stuck in the past or worrying about the future more than ruining the present. But then again, it's hard for many of us to attend. We cannot judge here and now. We are usually more concerned with what will happen tomorrow or what happened yesterday instead of stopping and being present.

What does presence mean to happiness and success? Just like an expression of gratitude, presence encourages us in the present moment. We pause to appreciate the wonders that exist in every direction we look, the beauty of everything around us, and the journey of life. It helps us to overcome from tomorrow's fears and yesterday's regrets.

3. Manage your time effectively - One way that affects both your happiness and overall success in life is the ability to manage your time effectively. Effective time managers manage their responsibilities in life and know how to juggle things to get ahead. They focus on their long-term goals and prioritize activities that will help move them forward, not leave them behind. When we don't manage our time effectively, we increase the likelihood of stress, anxiety, fear and worry. We are so caught up in responding to daily stressors that we fail to anticipate things that will help us avoid crises and crises in the future. We miss paying bills, forget appointments, and don't organize our activities around long-term goals.

4. Set more goals - Often, the inability to set the right goals prevents us from achieving success in life, still we define it. We always set goals on New Year's Eve, but don't achieve them. Surely you have already set a goal and given up on it. We all have. But it is the goal setting process that got in the way. When we set passive goals, because we don't actually put the goals on paper and define them in detail and create a plan to achieve them, we tend to either fail or give up. People who set their goals in the right way, the READER way, success is much more attainable.

5. Implement an empowering morning routine - It all starts and ends with an empowering morning routine. What you do in the morning sets the pace for the rest of the day. This in turn determines the outcome of your life. If you want to be happy and successful, create morning habits that will help promote that in your life. The right combination of habits applied every day can make all the difference. We have such habits that we forget to do things that benefit our lives because we are caught up in doing things that we are so used to. We are full of habits and routines and not necessarily those that serve us. We are usually too busy responding to life and its enormous demands on us to take the bull by the horns, so to speak.

6. Focus on health and well-being - Health and wellness is an important part of the formula for happiness and success, and one of the biggest keys to achieving both. When we do things that harm ourselves through overeating, alcohol, drugs and the like, it not only has a detrimental effect on our bodies, but also on our minds.

- Kiran Dubey,
Librarian, TIMSCDR

- Rashmi Vipat,
Asst. Professor

Secrets to find Happiness in Life

Learning to live a happy life is a common goal. Collective wisdom suggests that you can learn to be happy only when you have learned to be happy with yourself

Consider the following 10 tips for how to live a happy life.

1. **Recognize that you have a choice -** While you cannot prevent many of the difficulties you will encounter in life, you can control how you react to them. You will be more content when you begin to see happiness as a choice rather than a happiness that only a few enjoy.
2. **Practice gratitude -** Even during life's most difficult experiences, there are often things to be thankful for. Acknowledging what is good in your life is an important step in learning how to live a happy life.
3. **Forgiveness -** Anger at yourself, things that have happened in your life, or anger at other people can be a significant burden. When you can let go of anger, you can begin to learn to be content with yourself.
4. **Mindfulness -** Be aware of the role your thoughts play in the quality of your daily life. Focusing on bad things are harmful emotions, it can lead to be destructive. You can learn to be happier if you stop talking about negative things and focus on the more positive side of things.
5. **Friendship -** Being part of a community of friends can be an important part of a happier life. Without the love and companionship of friends, loneliness can become a factor that can harm your health, happiness and overall well-being.
6. **Rest -** Getting the right amount of sleep is essential to feeling refreshed and focused. But sleep loss can also affect your mood. You can improve your quality of life by practicing good sleep habits and getting plenty of uninterrupted rest.
7. **Movement -** Exercise stimulates circulation, which can help you feel better. While some people enjoy high-intensity exercise and the endorphins it produces, even a little exercise is beneficial and can help improve mood, reduce stress and improve sleep.
8. **Sunshine -** Sunshine usually makes people happier. Take advantage of the sunny days to go outside, but don't forget the sunscreen. If your environment does not often have sunlight, lamps that specifically mimic sunlight may be an option. If gloomy weather or the wet, winter season affects you, consult your doctor. Also, consult your doctor if you are pregnant or breastfeeding for help choosing the right sunscreen.
9. **Cleanliness -** Keeping your work and home space clean and clutter-free can lift your spirits and mood. For example, some people are happier rearranging furniture and cleaning out their closets all day. If you're feeling cluttered in your space try cleaning and organizing, you see it boosts your happiness.
10. **Small profit -** Part of learning to be content with you comes with life experiences. Try to set goals and work towards them. Start small. Find one or two goals that are relatively easy to achieve. Plan how you will reach them. Achieving goals can help boost self-confidence and, with it, happiness.

Finding happiness is different for everyone. Try to make a few small changes daily that will help you feel better when you make them. Over the time, it become good habits and make you happier and healthier your life.

- Devidas Kalwale,
Librarian, TCET

खेलों का राजा - क्रिकेट

खेलों का राजा, क्रिकेट का महान,
मैदान में उठता है जो धवल, धूमधाम से बल्ला बजान।

बल्लेबाजों की ताकत, गेंदबाजों की चाल,
खेल की नीति है यहाँ, अद्वितीय एक संघर्ष की कहानी बतान।

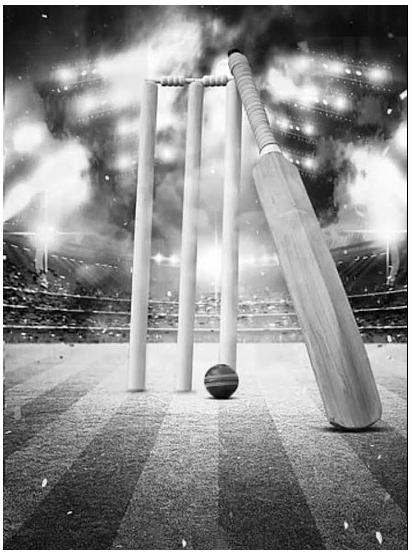
खेल का जादू, दर्शकों की दिलों में,
सबको जोड़ता है, हर छोटी सी जीत का लम्बा सफर है यह खेल के रंगों में।

विश्वचर्चित मैदानों पर खिलता यह खेल,
टीमों की महत्वपूर्ण मुकाबले, जो देते हैं दर्शकों को अद्वितीय आदर्श।

सड़क पर बच्चे, मैदान बनाते खेल,
उनके ख्वाबों में बढ़ता यह खेल, एक दिन उन्हें बनाए सितारों का अबोल।

बड़े-बड़े रिकॉर्ड बनते खिलाड़ियों के हाथ,
पारियों की तरह उड़ती गेंदें, मैदान में बनती नई कहानियों की बात।

खेल की जय-जयकारों में गूंजती है जनता की आवाज,
क्रिकेट, तू है एक धुंआधार सपनों का राजा,
खेलों का महान सिपाही खिलाड़ियों का अद्वितीय संघर्ष।



- **Suraj Pillai**
Alumni (2021-2023)

उसके ज़ुल्फ़ों में उलझा मैं, उसके कानों का झुमका मैं

उसके ज़ुल्फ़ों में उलझा मैं, उसके कानों का झुमका मैं,
मेरे हर ख़ुशी का राज़ है वो, उसकी ख़ुशी का टुकड़ा मैं।
उसके कंगन की खनखन में, उसकी पायल की छनछन में,
मेरे नज़ारों का नज़ारा है वो, उसके नज़ारों का घायल मैं।
उसके माथे की बिंदी में, उसकी आँखों के काजल में,
मेरे लिए चाँद है वो, उसका बिखरा सितारा मैं।
उसके होठों से निकला हर शब्द हूँ, उसके मन की अनकही बात हूँ मैं,
मेरे प्यार से अंजान है वो, उसके प्यार का मारा मैं ।
उसके ज़ुल्फ़ों में उलझा मैं, उसके कानों का झुमका मैं ।

- Deepak Maurya
58-FY

शिवगर्जना

शिवरायांनी शपथ घेतली रायरेश्वराच्या माथ्यावरती ।
सूर्य चंद्र आणि तारे साक्षीला सर्व परीने शोभा करती ॥

झिजाऊचा तो पुत्र शोभतो शिवबा त्याचे नाव असे ।
मर्द मावळा ह्या मातीचा सर्वजणांनी शान असे ॥

सर्व संकटे झेलून हाती मोडून टाकू त्याची मुंडकी ।
ह्याच प्रतापी महाश्रीपरी झुकती मस्तके आदरातीर्थी ।

निर्भय त्याची विचार शैली अचूक योजना कमी येति ।
त्याच शक्तीने कायम काटी स्वराज्य हिंदवी त्या भूमीवरी ॥

ह्या भूमीवरी बानू मावळे त्याच युक्तीने त्याच शक्तीने ।
जिथे आपण कथा सांगूया राम कृष्णाच्या जोडयुक्तीने ॥

कर्म करावे प्रामाणिकपणे प्रेरणा घेऊन शिवरायांची ।
होईल प्रगती चारपटीने निष्ठा ठेऊ त्याच्यावरती ॥

विचार ठेऊ शुद्ध तत्पर आत्मविश्वास आणि सन्मानाने ।
करू कर्म आम्ही प्रामाणिकपणे एकनिष्ठ आणि विश्वासाने ।।

करू निश्चय आपण सारे तत्व मनाशी एक धरू ।
कर्म असावे शिवतेजापारी शुद्ध स्पष्ट जरा धीर धरू ।।

। जय झिजाऊ || जय शिवराय ।।

- Sarvesh Bhapkar
6-SY

हौसले से मंजिल पर बढ़ो, एक दिन जीत जाओगे !!

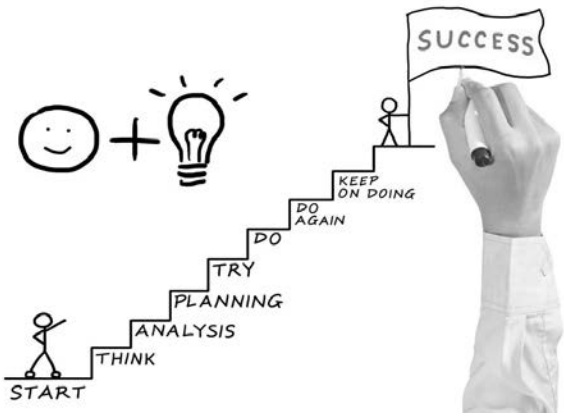
गर तुम बारीकियों को पकड़ रहे, तो एक दिन सीख जाओगे !
हवा उस रुख में बहेगी, जिस दिशा में तुम खडे होगे ! !

खुशियों की परछाईयाँ पीछे चलेगी, जिस जगह पे तुम चलोगे !
साफ नीयत से काम करो, तो काम भी तुम पर मरेंगे !!

गर ज़मी-आसमां एक कर रहे हो, तो एक दिन जीत जाओगे !
ख़ामोशी के संग तुम भी कभी, ख़ामोश / चुप नहीं रहना !!

हुस्न के नशे में हर दम, कभी मदहोश मत रहना !
अपनों को गैर मत करना, गैरों से मुहब्बत मत करना !!

अपनी मुश्किलों से लड़ रहे हो, तो एक दिन जीत जाओगे !
हौसले से मंजिल पर बढ़ो, एक दिन जीत जाओगे !!



- Kiran Dubey,
Librarian, TIMSCDR

थोर डॉ. बी.आर. आंबेडकर

पुस्तकांशी केली मैत्री,
व्यवस्थेला दिला शह,
भिमा तुझ्यामुळेच रूजला,
समतेचा प्रवाह....

वर्णव्यवस्थेची येथे,
घट्ट होती विण,
सोडविण्या तिजला तु,
झटला क्षणोक्षण,
वर्णव्देशांच्या विरोधाचा,
सोसला तु दाह.....

जातीपाशातुन सोडविण्याशी,
स्विकारला बुध्द,
स्वातंत्र्य, समता, बंधुता ही मूल्ये,
रूजविण्या कटीबध्द,

धर्मांतर करूनी तु,
धर्मव्यवस्थेशी केला द्रोह....

शिक्षणासी मानीले तु,
वाघीणीचे दुध,
त्या बोधानेच चाखतो सगळे,
उत्कर्षाचे मध,
त्या मंत्रानेच मिळाली आम्हा,
उध्दाराची राह

सर्वसमावेशक केले तु,
देशाचे संविधान,
देशातला प्रत्येक माणूस,
लेखला समान,
कार्य केले जनतेसाठी,
स्वतः चा ठेवला नाही मोह...

- Shweta Waghmare
Asst. Professor

Puzzle Answer

1. A computer keyboard
2. Silence
3. Your name
4. A wooden leg can't take pictures, only a camera can.
5. A hole
6. Your right hand
7. The woman was a photographer. She shot a picture of her husband, developed it, and hung it up to dry.
8. Pencil lead
9. Love
10. A chess player!

Crisp in the fall

The morning are lazy, the tea is hot,

The weather is cozy and the season is fall.

Here the days are shorter with never ending nights,

And the sun shines dimmer than the moon light.

The climate seems to be just like painting,

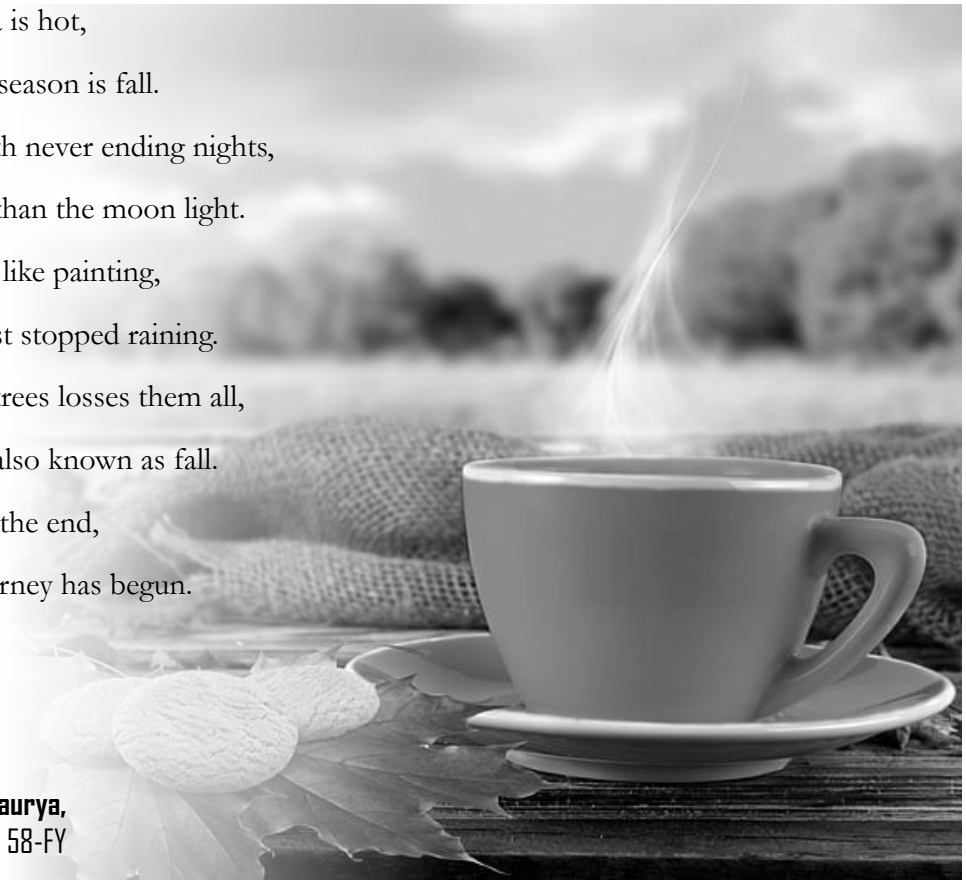
With the mist in air and it just stopped raining.

Leaves turn into flower and trees losses them all,

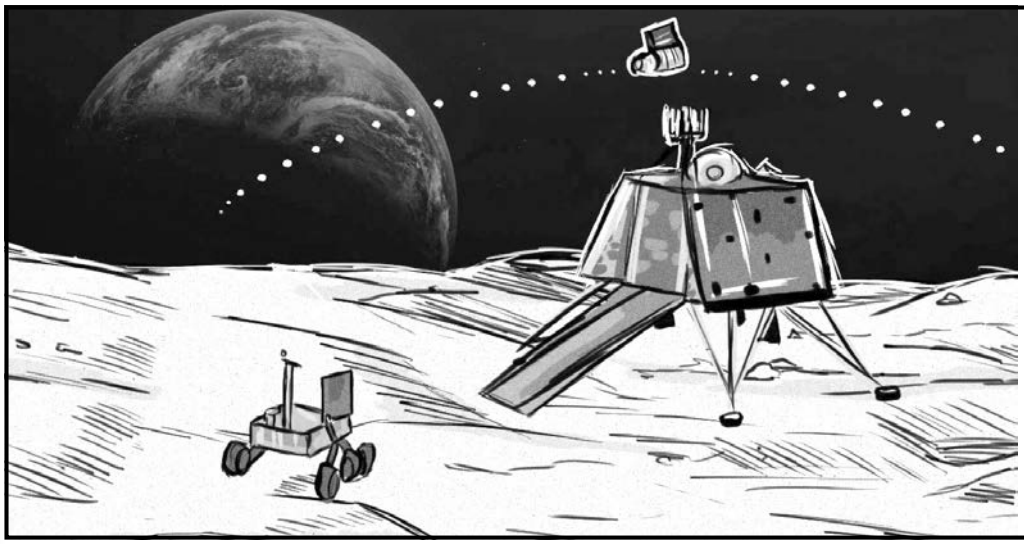
That's the reason autumn is also known as fall.

But losing doesn't mean it is the end,

It is more like a beautiful journey has begun.



- Deepak Maurya,
58-FY



- Shweta Waghamare
Asst. Professor

Brain Teaser Answer

A. Everyone on the boat is Married.

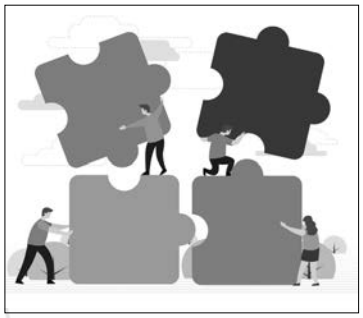
B. A river

C. The River was frozen.

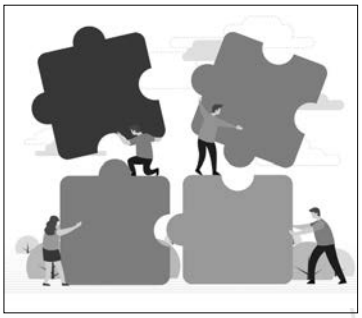
D. Nine - two parents, six sons, and one daughter

E. A map.

F. Glass



Puzzle



Q 1. I have keys, but no locks. I have space, but no room. You can enter, but you can't go outside. What am I?

Q 2. What disappears as soon as you say its name?

Q 3. This belongs to you, but everyone else uses it more.

Q 4. Why can't you take a picture of a man with a wooden leg?

Q 5. What gets bigger the more you take away?

Q 6. What can you hold in your left hand, but never in your right?

Q 7. A woman shoots her husband. Then she holds him underwater for over 5 minutes. Finally, she hangs him. But 5 minutes later they both go out together and enjoy a wonderful dinner together. How can this be?

Q 8. I am taken from a mine, and shut up in a wooden case, from which I am never released, and yet I am used by almost everybody. What am I?

Q 9. I can't be bought, but I can be stolen with a glance. I'm worthless to one, but priceless to two. What am I?

Q 10. Who can make moves while sitting?

Brain Teaser

A. You see a boat filled with people. It has not capsized, but when you look again you don't see a single person on the boat. Why?

B. What runs but never walks, has a mouth but never talks, has a head but never weeps, has a bed but never sleeps?

C. A man stands on one side of a river, his dog on the other. The man calls his dog, who immediately crosses the river without getting wet and without using a bridge or a boat. How did the dog do it?

D. Your parents have six sons including you and each son has one sister. How many people are in the family?

E. What has cities, but no houses; forests, but no trees; and water, but no fish?

F. A red house is made from red bricks. A blue house is made from blue bricks. A yellow house is made from yellow bricks. What is a green house made from?

Celebrations

ICAIM 2023

DOCTOR'S WORKSHOP

Glimpses

E-WEEK

Beyond Lectures

FDP

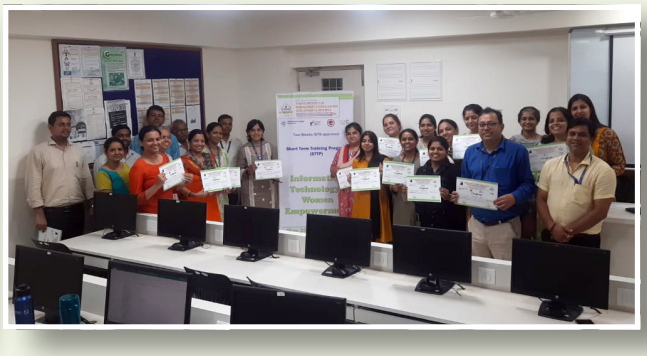
SPORT DAY

Celebrations

SYNSPSE

YOGA DAY

STTP



VISTA

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Career Development & Research

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Career Development & Research

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