



VOL 2017-18



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

VISION

Thakur Institute of Management Studies, Career Development and Research will become a premier Institute renowned internationally for providing education in Software Application to graduates from various disciplines.

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.

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Dr. Vinita Gaikwad

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Dr. Rajesh Kapur

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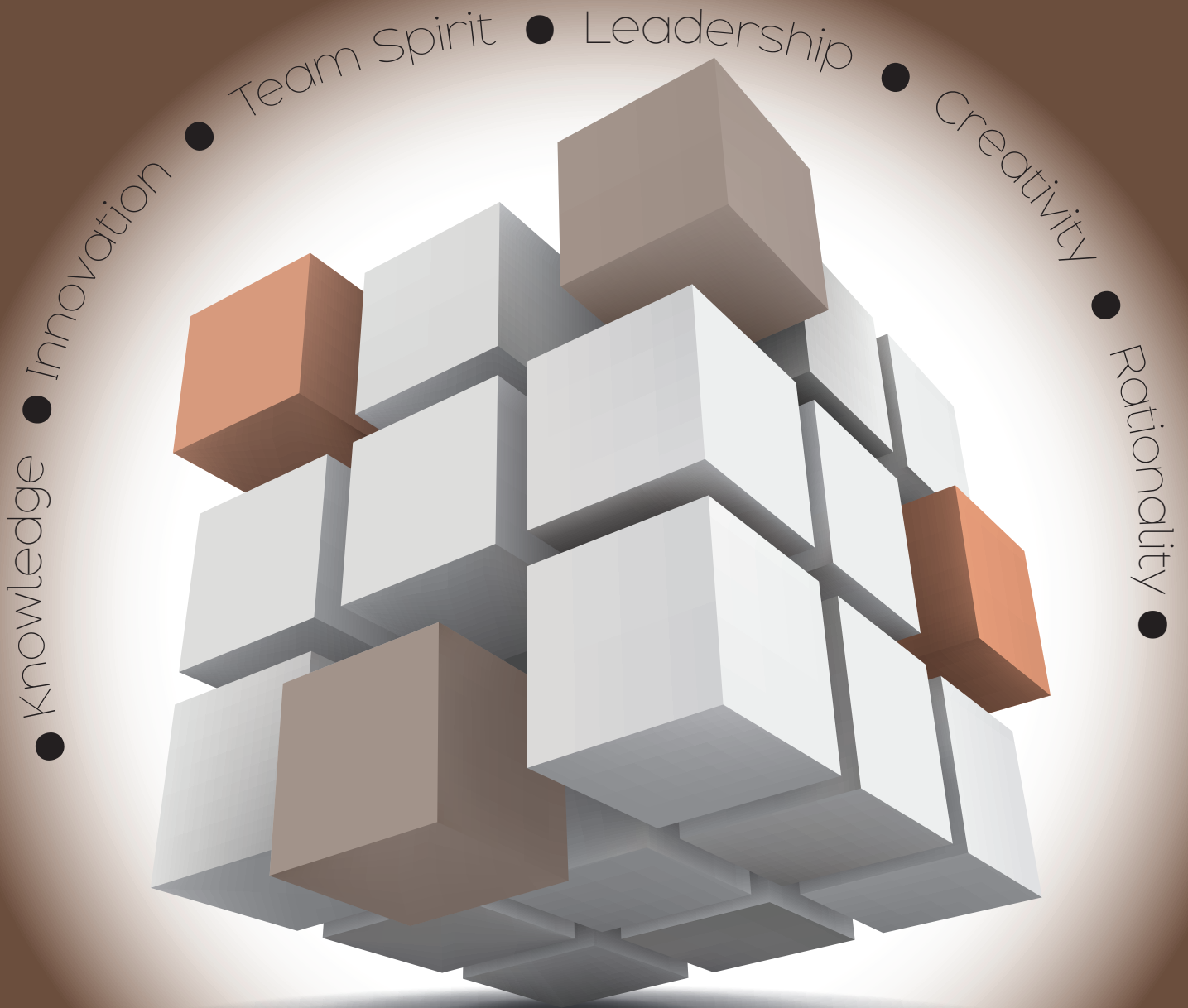
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At TIMSCDR, we constantly strive to instill in our students the requisite skills and values to make them confident and responsible citizens. The technology challenges posed by the Fourth Industrial Revolution emphasize that we must be more creative in our teaching methodologies - to even further empower our students to excel in society. We have responded by enhanced training in state-of-the art technologies like the Internet of Things (IoT), Automation, Big Data Analytics and Artificial Intelligence (AI). Our training pedagogy also includes co-curricular activities like socio-technical research projects, entrepreneurial and industrial exposure, skill development etc.

I would like to congratulate the students and staff of TIMSCDR for the hard work that they have put in during the past year. It is their hard work as well as that of our predecessors' that TIMSCDR currently enjoys such a high reputation in Mumbai University. I also want to highlight that we must continually endeavour to better ourselves; to bring even greater laurels to our institution.

The College magazine ('Eminence') is yet another platform for our students to display their creativity and technical writing skills. This edition features an interesting mix of articles in technology, social perspectives, and student insights. In keeping with the current 'bullish' trends in society, we also feature a guest article on investment management by Mr Manoj Sathe, of the National Securities Depository Limited (NSDL).

Finally, I wish to welcome the new class of students to TIMSCDR. Life at TIMSCDR will offer you all the opportunities to excel...get involved! I wish you good luck and Godspeed!

Dr. Vinita Gaikwad
Director

Our PEO's 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. Apply domain specific knowledge of computing and mathematics for designing of software solutions for defined problems and requirements.
2. Understand and analyze a problem and suggest feasible solutions.
3. Design, evaluate, and develop effective solutions for complex computing problems to meet desired needs.
4. Design and conduct experiments and use research-based methods to investigate complex computing problems.
5. Use appropriate techniques and software tools for computing activities.
6. Understand and commit to professional norms, regulations and ethics.
7. Recognize the need for and have the ability to engage in independent learning for continual professional development.
8. Understand and apply project management principles, as a member or leader in multidisciplinary environments.
9. Effectively communicate technical information, both oral and written with range of audience.
10. Analyze societal, environmental, cultural and legal issues within local and global contexts when providing software solutions.
11. Work as a member or leader in diverse teams in multidisciplinary environments.
12. Use Innovation and Entrepreneurship for creation of value and wealth.

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 with less than 75% attendance in any subject and also, 75% in developmental programmes like guest lectures, training programs, field visits will be mandatory not to be eligible for placement in companies.

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.

Code of Conduct for Students

- 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... 2017-2018

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Sem. V - A

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ORIENTATION PROGRAM



The Orientation Program was held on 19 August 2017 with the primary aim of familiarizing the incoming batch of academic year 2017-18 with the functioning of the Institute. The Director and various faculty members explained the norms and guidelines of the college, exam pattern, extra-curricular activities conducted and the placements provided. The purpose was to ensure a smooth transition of the new students into the life of TIMSCDR.

SPORTS DAY

TIMSCDR-2018 Sports Day held on 11 and 12 January 2018 by the Student Council for 2 days was a mega success. Indoor and outdoor games viz. chess, carom, table tennis, cricket, and badminton to name a few kept the enthusiasm amongst the players high. The proud winners were awarded with certificates for their achievements. Excellent participation was observed.



THE SPECIAL DAYS



Several traditionally significant days – for example Rose Day – are special days celebrated with great exuberance in the previous year. Active participation amongst the students kept the atmosphere jovial. Elegant sarees and traditional attires worn by students showed the rich cultural diversity on Traditional Day.

BUSINESS MELA



The entrepreneurship cell conducted its annual Business Mela on 9-10 October 2017. Stalls with interesting names and marketing were put up. Variety was truly maintained as every stall came up with its own unique business idea. Students had options to savour at the food stalls and select attires from the stalls selling clothes to having personalised gift items and accessory at an affordable price.

FRESHER'S DAY

The fresher's party held on 19 August 2017 at the TIMSCDR auditorium and organized by the student Council was an attempt to make freshers' comfortable and to provide them with an excellent



platform to introduce themselves. Walking the ramp along with few lines that were spoken about themselves; their performances in some fun-filled activities led to the winning the Mr. and Miss Fresher titles at the Institute. Stellar performance by the seniors was also entertaining.

OUTDOOR TREKKING



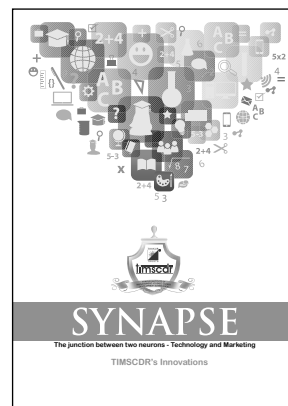
TIMSCDR organized an official trek to 'Karnala Fort, Panvel' on 09 September, 2017 with the college faculties accompanying the students. Students showed their vigour and the invigorating sights just added to their sporting attitude. It proved to be a calm but healthy workout for the trekkers. The breath-taking sight-seeing made everyone appreciate our nature's beauty even more.

SYNAPSE



SYNAPSE is unanimously the most creative event of 'TIMSCDR' it brushes up the various skills of students in all aspects bringing out the best in them. It gives a platform to convert dream-ideas to reality.

The same pattern of dividing the students in groups and allotting them a definite budget to begin their project was observed this year too. The project was supposed to be an introductory with unique features. The event consisted of two stages- Curtain Raiser and Final Presentation and the groups were ranked on parameters like uniqueness, originality, feasibility, finance management, promotional tactics which include printing advertisements and TV advertisements.



The winning team for SYNAPSE – 2017 was "PANCHTANTRA" and the runner-up team was "PASHUMANDI". Innovative thinking is the emphasised motto of Synapse.

DLLE - UDAAN



TIMSCDR has been part of DLLE project since 2011. Lots of students enrolled into Status of Women in Society and Population Education Club and received 10 grace marks on submission of their reports from the university.

The DLLE Annual fest "UDAAN-2018" was held at SM SHETTY College Powai on 19 January 2018. Street Play and Poster making competition were based on the projects undertaken by the institute, in our case, Status of Women in Society and Population Education Club. The Posters made by students were very creative and clearly reflected in its message to the viewers. Street Play performed by the students was full of energy, enthusiasm and intensity with the title of "Jaldi Kar Der Ho Rahi Hai" and pleased the audience with their enthralling performance.

SCHOOL VISIT



The students visited Samata Vidya Mandir Municipal School at Kandivali (E) on 12th February 2018 to teach the primary students some basic concepts of computers. Not only was the session being informative but also very interactive. It gave a brief in sight of what the student curriculum is and it gave an opportunity to our college students to test their teaching skills..

ICAIM - 2018



TIMSCDR organized an International Conference on 'Leveraging Information technology for Agricultural and Nutritional Development-ICAIM 2018. It was a 3-day event (16-18 February, 2018) that saw dignitaries come and present their research to our college students. We were privileged to have with us our chief guest, Shri Pandurang P. Fundkar, Minister of Agriculture and Horticulture State of Maharashtra. He unveiled the conference proceedings for that day. On the 2nd day our chief guest was Dr Lalit Kapoor, India Director, Association for Medical Consultants (AMC). We also had with us Dr. Smita Sharma, President, AMC. A book entitled "IT Made Handy for Doctors" was released. This book was an outcome of joint efforts of TIMSCDR and AMC, in which all the software applications that might be useful for doctors to connect with their patients and store medical information have been elucidated in a simplified manner.

VISTA



The core highlighting theme for this year was "Hall of Fame" which aimed at the way IT is bringing more fame and respect to people and organizations indulging to it. Vista 2018 comprised of 23 events and invited numerous colleges all over Mumbai from 6-7 March, 2018. It was a great success with around 200 registrations. Students from different colleges participate in events of different genre like technical events, gaming and cultural events. The rolling trophy was bagged by the students of "HIRAY COLLEGE". The evening full of fun came to end only after some splendid performances by the students of our college and some promises that the future Vista will be more spectacular and more vibrant in the years to come.

BLOOD DONATION



At TIMSCDR students are encouraged to imbibe the principle of community service and be generous and large hearted - bound by beliefs beyond themselves. Blood donation camp was organized on 21 August 2017 in collaboration with Mahatma Gandhi Seva Mandir. The program commenced by address of Dr. Mukesh Gupta (MBBS, MD, Hon. Secretary AMC) on "Relevance of Good Health and Blood Donation" to spread awareness among students in the seminar hall at 9:00 am. The lecture captured the attention of the audience and educated them for healthy practices to be followed to keep ourselves healthy and our environment disease free.

Students and staff turned out in large numbers to donate blood. The donors went through series of medical check-ups before donating blood and were given refreshments and a certificate of appreciation for this service to humanity.

IoT WORKSHOP



The four days' workshop was conducted for students on Internet of Things (IoT). IoT being the upcoming big revolution to be seen in the field of technology opens a huge gateway of applications based on the electronic hardware and computer based system. The basic's workshop was conducted by IoT committee members of TIMSCDR on 8 - 9 February 2018 for the first-year students and a workshop on advance level was given on 14 - 15 February 2018 for the second-year students. A workshop for external participants was conducted on 12 February. Nearly 210 students have been benefitted from these rigorous hands on workshop. Students were exposed to two IoT based tool kit Arduino and Raspberry Pi.

The objective of the workshop was to impart to the students a basic understanding of micro-controller based electronics devices, sensors, LEDs. Adhering to the theme of the ICAIM 2018 "Leveraging IT for Agricultural and Nutritional Development", the workshop consisted of health care based prototype demonstration. Prototype of projects like Temperature Monitoring System and Motion Detection System based on temperature sensors and motion sensors were demonstrated. Both the prototypes allow objects to be sensed and controlled remotely across existing network infrastructure, creating opportunities for more direct integration between the physical world and computer-based systems.

The workshop was a result of collaborative efforts of our Director Dr. Vinita Gaikwad and faculty members which made it a grand success. Enormous excitement and curiosity were seen amongst the

students while attending the workshop which clearly reflects their inclination towards innovative research and development activities.

AYAAN E-WEEK

E-WEEK 2018 was organized by TIMSCDR's E-cell "Ayaan" from 1 – 7 February 2018.

The opening of 1st Day of E-Week started off with renowned Inauguration Ceremony in presence of Guest Speakers Mr. Bharat Mandot, CEO at Jhakaas Technologies Private Limited, Managing Director at Stelcore Management Services Private Limited and Mr. Bankim Mistry, Sole Proprietor at Bharat Traders for Panel Discussion.

Many events had been organized during E week such as LAN Gaming aiming to pull crowd, IPL Auction which provided a simulated environment of bidding for virtual T20 players.



Events like Kaun Banega Udyogpati in which the participants were given a certain budget and he/she had to buy any object and sell it at profit. Such events provided a competitive environment for budding entrepreneurs. Other events include tag it up, So you think you sell it, Redesign Logo, Mix match and pitch, Think with the box, D.I.S.R.U.P.T etc. Students enthusiastically participated and turned out in large numbers for these activities.

Along with these events several other activities took place during eweek. One activity was walkathon.

Walkathon

Held on 7 February 2018 - around Thakur Village on a bright Wednesday was a walkathon by the E cell committee in collaboration with DLLE. Every participant had to cover a minimum distance of 1.5 kilometers around the college. It was not only refreshing but also eco-friendly. Students had a great time bonding.



VILLAGE ADOPTION



TIMSCDR students for the first time, gathered for the visit at Belkadi Village, Vasai situated in the Maharashtra as part of village adoption on 3 February, 2018. Village Adoption is given tremendous importance as rural education and making people aware about rural economy in India is crucial. Students had conversation with the local people staying there. It was a different experience to know how people survive everyday with such poor financial crisis, the struggle they go through to earn their livelihood; and to know the opinions about modern education and our modernized world. Most of the people were not aware about what new technological advancement has taken place in past few years. It was great and memorable experience for all the students as well as faculty.

SELF-DEFENCE



For the first time in TIMSCDR campus, training in self-defence was conducted. Students with

enormous enthusiasm enrolled in it and had their weekly session in the evening. Self-defence is something which not only helps to build up your preservation skills but also boost ups your enthusiasm. It's like you have no fear of anyone in this world. This is the sort of attitude that TIMSCDR wanted to instil in its students and achieved it through self-defence training.

URBAN FARMING



The one-day workshop on urban farming was held on TIMSCDR campus on 3 February, 2018. The session was graced by Mr. and Mrs. Pradeep Savardekar. They guided and taught many new techniques related to urban farming and how we can on ourselves be a part of it and contribute to the agriculture field by various ideas and techniques. There was also a small demonstration where he bought seeds of a certain crop and showed how a seed can be cultivated and grown in modern techniques. This was the live demo which was very interesting and educational for the individuals who participated in it.

DENTAL CAMP

Dental camp was organised on 30 January 2018 in collaboration with MGM Dental College



Navi Mumbai. All Students and Teachers participated in it and went through the dental check-ups by the practitioner dentists and got advice for how we should take care of our oral

health problems and maintain proper hygiene. The check-up was free for everyone.

ALUMNI MEET AND FAREWELL PARTY



On 7 April 2018, the students, the staff and the alumni of TIMSCDR met in the college premises for a couple of hours of amazement, enthusiasm and reminiscence. The event started with the welcome speech by anchors addressed to the alumni and outgoing students. This was followed by few acts by the present students. Then the alumni took over the stage with some mind-blowing performances. “Best Student Award”, went to Mr. Adithya Kanchan. A thank you speech delivered by Dr. Vinita Gaikwad marked the ending of the programme.

The programme was followed by a gala DJ Party and sumptuous dinner.

INDUSTRIAL VISIT



Industrial Visits provide an insight into the internal working environment of the industry to students. It helps in combining the academic knowledge with practical experiences. The first year students on 11 April 2018 were taken to BARC (The Bhabha Atomic Research Centre) which is India's premier nuclear research facility. Students learned about the working and manufacturing that goes inside the faculty.

This year TIMSCDR arranged an industrial visit to MTNL (Mahanagar Telephone Nigam Limited) in Powai which is a state-owned telecommunications service provider in the metro cities of Mumbai and New Delhi in India and in the island nation of Mauritius in Africa for the second year students on 12 and 13 of April 2018. Personnel from MTNL gave the students knowledge and practical sessions on working of switches and the new technology driven from optical fibres.

YOGA DAY



Yoga Day was held at TIMSCDR on 09 May 2018. It was conducted by Ms Kajal, an accredited Yoga instructor. It provided an opportunity for the students, faculty and staff of TIMSCDR to practice various ‘asanas’ to stay fit and trim. It was enjoyed thoroughly by all who availed of the opportunity.

STTP



An ISTE approved Short Term Training Program on “Advanced Computing Techniques” was organized at TIMSCDR from 05 – 17 May 2018. This was in tune with TIMSCDR's focus on research activities for providing best education to our students by faculty who strive to continually upgrade themselves. This year the emphasis was on Digital Marketing, Analytics, and the use of Information Technology in Agro - Healthcare Waste Management.

ICAIM 2018

- Editorial Team

International Conference on Advances in Information Technology and Management (ICAIM) 2018 was held at TIMSCDR on 16-18 February 2018 to bring focus on to the advances that Information Technology has made in the realms of agriculture and nutrition. The theme for this year conference was “Leveraging Information Technology for Agriculture & Nutrition” organized in association with Association of Medical Consultants (AMC), Indian Dietetic Association IDA (IDA), Maharashtra Chamber of Commerce, Industry and Agriculture (MACCIA).

Inauguration of ICAIM 2018 was done by the chief guest Shri Santosh Mandlecha, President MACCIA. The guest of honor for ICAIM 2018 were Mrs. Sunita Phalgune, State Coordinator – Agriculture, MACCIA, Mr. Milind Prabhu, State Coordinator – Agriculture, MACCIA, Dr. Dhananjay Kalbande, Professor and Head, Computer Engineering and Dean (Industry Relations), Sardar Patel Institute of Technology and Chairman, Board of Studies, MCA, University of Mumbai. The conference was graced by the presence of eminent speakers like Dr. Dineshkumar Singh, Group Leader at TCS Innovation Lab, Mr. Rajendra Bhat from Mitra Farms, Mr. Yogesh Patil from Skynet, Mr. Shekhar Bhadsawale from Saguna Baug, Mr. Milind Pathakin MART, Mr. Milind Prabhu & Former Prof. J. L. Patil from KKV.

The conference started with the unveiling of the conference proceedings. The ICAIM 2018 proceeding contained 115 papers selected after

a rigorous review process by highly skilled and diverse review committee. A welcome speech was given by Director Dr. Vinita Gaikwad, Shri Santosh Mandlecha shared his deep insight on how IT is prevalent everywhere and how it is being used in MACCIA in various avenues like monitoring of lectures, submission of assignments and the use of new techniques to adapt to new techniques to engage the millennial generation. Mrs. Sunita Phalgune, congratulated TIMSCDR for organizing an interdisciplinary conference of an international level. She also discussed how MACCIA uses Information and Technology in its various daily activities regarding agriculture.

The overall programme included invited talks on “Impact of Information Technology on Agriculture” by Dr. Dinesh Kumar Singh. He spoke about how technological solutions are bringing disruptive change to the agriculture process. Information Technology is the key technology in a world focused on making measurable improvements; through seeding study start-ups, streamlining transmission of agriculture data, knowing the conditions of the crops or plants and overhauling how studies are monitored etc.

Mr. Rajendra Bhat took a session on “Climate as a Challenge – Role of IT”. He made us understand the concept of agri-tourism. He discussed technology development, conceptualizing and deploying innovative solutions in the field of climate changing and how well they can be dealt with regarding agriculture, organic farming, utilities etc.





Mr. Yogesh Patil took a session on “Climatic predictions through Skynet”. He discussed the concept and the importance of climate predictions in agriculture, and the solutions Skynet provides regarding the climatic predictions, and how well the agriculture of a particular farm is done due to climatic predictions.

Mr. Milind Pathak took a session on “Market as a Challenge”. He discussed the competition the farmers faced in agriculture, how technology helps them in facing the competition, gave us the statistics of number of problems faced by an Indian farmer and its results. It was a very good session about the demand and supply required in the agriculture today.

The Conference provided an interactive forum on “Would leveraging Information Technology for an Indian Farmer actually benefit the Farmer and the Society?” to the researchers and the panelists. Important points included Parameters to measuring research for enrolment and awarding PhDs regarding agriculture, strong need research in universities regarding agriculture, compulsion of PhD on faculties inclined towards research, need to educate employees in their related technology etc.

The Chief guest of the second day was Dr. Lalit Kapoor, Director – AMC India Project & Advisor-Medico-Legal-Cell and the guests of honor were Ms. Pooja Thakran, Head – Media & Communication, Lupin Ltd, Dr. Mukesh Gupta, Vice President & Chairman –Media & Communication Cell, AMC, Ms. Sheryl Salis, Member, IDA, Dr. Sushmita Bhatnagar, Program Committee Chairman, AMC. The conference was graced by eminent speakers like Mr. Akshat Goenka, Co Founder, DocTalk Solutions Inc, Dr. Nitin Sippy, D. Y. Patil University

and Ms. Ruby Sound, Member IDA.

Dr. Lalit Kapoor congratulated TIMSCDR for organizing an international conference and hoped to organize more such programs in association with AMC. He motivated students by talking about the importance of IT industry in today’s generation and made us understand that the next generation only depends on the idea and innovations that are created by the youth of this generation. He also released the book “IT Made Handy for Doctors”. This book is an outcome of joint efforts of TIMSCDR and AMC, in which how to create a basic website, link it with social media and apply Google Analytics on it has been elucidated in a simplified manner.

Dr. Lalit Kapoor took a session on “Legal Pitfalls with IT in Healthcare”. He discussed the main legal problems faced by the Healthcare regarding the IT sector. He gave us the various concepts regarding the medical care boosts and solutions due to IT sector but also facing a true fact that due to legal problems there are many problems faced by the healthcare industry regarding IT. He made us understand various problems which a healthcare industry faces and also provide an appropriate solution regarding it.

Mr. Akshat Goenka took a session on “IT in Healthcare – Creating Next Generation Doctors”. His session was truly focused on the next generation problems and how IT industry can create certain solutions to such problems. He gave various examples on how IT would help in the near generation hence utilizing almost various needs to solve many problems. He also gave certain examples like cancer problems and solutions indicating that how fast IT is progressing in the near future.

Dr. Nitin Sippy took a session on “Role of Simulation and Virtual Reality in Healthcare Education”. His session was indicating a true fact that virtual reality can help healthcare industry in numerous ways. Virtual Reality is nothing but showing various possible scenarios that exist in the virtual world. His aim was to point how can virtual reality find other possible problems when a patient is getting treated. Hence, finding the best possible solution regarding that problem. Many complex operations must be performed in the virtual reality first, just to provide the true problems of any disease.

Ms. Ruby Sound took a session on “IT in Weight Management”. Her aim was regarding the gain or loss of weight is possible in the near future with the help of IT industry. She pointed that various plans can be taken regarding the weight of a person with the help of the data provided by the IT sector. It could also provide numerous ways to gain or lose weight depending on the individual and help them in making them fit faster.

The Conference provided an interactive forum on “How safe is the food on my table” to the researchers and the panelists. Important points included the importance of washing hands; washing your food before cooking, and the cleanliness of cooking utensils and dining tables. Many solutions regarding this topic were concluded after discussing the topic with the researches and panellists. It was a very interactive session as a lot was learned from the researchers and the given panellists that day.

WORKSHOP FOR DOCTORS:

Hands-on workshop titled “Digital Presence of a Doctor” was conducted on the Sunday 18th February 2018 from 9am till 1 pm. 40 Doctors were

trained by TIMSCDR faculty during the workshop. The Doctors were taught the importance of digital presence in order to be connected with their Patients. Following topics were covered in the workshop:

Website - The first Digital Presence - Participating Doctors were trained for creating their own website and maintaining it effortlessly by using tools provided by GoDaddy and other Open Sources. Topics covered during the training - Relevance of Domain Name, Building Website Pages using predefined templates, SEO – What makes your Website appear in the first 10 in SEPR and Hoisting your Website.

Facebook Business Page – Doctors were made aware of the fact that 90% of the Patients are on Social Media of which Facebook plays a dominating role. Thus, the training included – Why should you have a Facebook Business Page (FBP), Technical Requirements to creating FBP, Use of FBP to market your business and engage Patients and Advertising of Facebook to enhance business.

Instagram Business Page – Though Instagram is a Social Media tool for posting Photos, it can not only be used by Doctors to enhance their business but also their skills and knowledge by sharing consented contents of cases for improving understanding and providing relevant services. Topics covered included – Relevance of Instagram, Technical Requirements, and creating Instagram Ad.

Google Analytics – GA – The final culmination of having a Digital Presence was told by training the Doctors about the use of Google Analytics. Thus, topics like SEO, Basics of GA terminologies, technical requirements to check Google Analytics, Types of Reports generated by GA, and Analyzing the reports generated by GA were covered during the Training Workshop.



My Lesson...My Desire

*Just as I thought I was a failure,
Yet I was not feeling tired.
Oh, it was but a trailer,
Many things still left to be desired!
Sun rises, though it sets,
Not everything I want is acquired.
With passion, I'd put together my blood and sweat,
Since the beginning of everything is desire.
It's the middle not an ending, I've got this.
No matter what I'll succeed one day.
Get it, earn it, or follow it to the abyss,
Hard work will definitely pay.*



- Jyotsna Singh, Sem. III - B

MISSING EVERYWHERE!

*Heavy rains of emotional attachment,
Of lust and passion,
but LOVE is missing everywhere!*

*Air Conditioning in classroom,
New courses to study, a teacher is to teach,
but FULFILLMENT is missing everywhere!*

*People think something,
say something
and show something else,
but THERE GOALS are missing everywhere!*

*We may all be in some relationship,
but LOYALTY is missing everywhere!*

*Products are wrapped in brands,
Of great expensive and value,
But PURITY is missing everywhere!*



- Aman Trip, Sem. V - B

Expanding Role of NSDL in the Indian Financial Market

- Manoj Sathe

VP - NSDL, Guest Article

(Mr Manoj Sathe is Vice President at NSDL. He has been associated with data-warehouse initiatives at NSDL. He has expertise in the domains of risk management, business analysis, and vendor management. Readers may forward their comments feedback to manoj@snsdl.co.in or contact him on 9820292372.)

We Indians are at a very crucial juncture as far as Indian economy and Indian investors' mindset is concerned. Today our economy is growing at one of the fastest rates amongst the world economies. World Economists are bullish on this trend and predict that the Indian economy will be third largest in the world by 2025 - only after US and China. When that happens the world will be looking forward to India as a partner to do business with. With democracy, India is naturally poised to be selected destination for investment by companies in US and other countries. But Friends with this honour, we will be facing many challenges. The primary among will be employment and easy capital raising platforms. Capital sourcing would be required by the young brigade would like to work independently, and would prefer to be entrepreneurs. The first fifty years post independence belonged to the banking industry. It has evolved and almost every household in India has a bank account now. I feel that in the 21st century, the first 50 years will belong to the Capital Market. Since timing of growth for both Capital market and India growth story coincide, it becomes important for young aspiring students and their parents as well as teachers to start becoming aware of the Capital Market phenomenon. The Mutual Fund 'Sahi hai' campaign

is already making ripples throughout the country. Its time now to make the Capital Market, 'Accha Hai'.

I am working with NSDL almost since inception and I have seen it grow by leaps and bounds, particularly in the last 10 years. It offers lot of opportunities for young students to start earning. It opens up opportunities for those seeking employment and those seeking business ideas. I have tried to capture the NSDL journey in this article. NSDL, the largest depository in India, started its operations in 1996. NSDL pioneered the concept of dematerialization in India & coined the term "demat" which is now a household term. NSDL has revolutionized the Indian Capital Markets by the state of the art infrastructure & world class technology solutions. The transformation it has brought has made India proud & the global financial world looks up to NSDL with respect. NSDL has transformed business processes & ensured effective demat process. NSDL introduced efficient settlement cycle way back in 2003, thereby reducing the settlement time from T+5 to T+2. This achievement stands tall since some of the most developed countries run settlement cycle on T+3.

In November 2016, NSDL completed 20 glorious years of service to the Indian capital markets. With continuous innovation in its products & services it provides to its investors, NSDL has always been the preferred depository with over 90% market share in terms of custody value. This year, NSDL achieved a remarkable milestone of crossing 150 lakh crore rupees in value of securities held in



dematerialized form. NSDL has always been in the forefront in providing investor friendly initiatives to its customers. Confidence & Trust of investors in NSDL system gets highlighted with NSDL having more than 17.2 million demat accounts growing at a rapid pace. These investors have 1,52,000 crore (1,520 billion) securities worth ₹17,60,00,000 crore (US\$ 2.7 trillion) in their demat accounts with NSDL. NSDL holds more than 90% of the securities held in dematerialised mode in India. More than 18,300 companies have joined NSDL servicing its clients through 268 Depository Participants through more than 28,860 locations across more than 1,900 cities/towns in the country. NSDL demat accounts are located in more than 89% of the Pin codes in India.

NSDL is contributing to the Digital India drive in a larger way with its various internet and mobile based initiatives such as SPEED-e, IDeAS, STeADY, SPICE, e-Voting, Mobile App, FPI Monitor, IndiaBondInfo, 26AS View, Electronic Verification Code (EVC) generation for e-filing IT returns through NSDL demat account and many more; thus providing maximum convenience to its 16 million investors. NSDL has transformed the lives of millions of demat account holders by providing value added services to its investors through its latest initiatives “NSDL Consolidated Account Statement (CAS)”, a single statement for all investments, e-voting wherein shareholders can exercise their voting rights electronically, & Government Securities (G-Sec) trading using demat account.

Since the commencement of its business in 1996, NSDL has expanded into a number of other businesses. In 2012, it decided to demerge the depository related businesses and government related businesses into separate legal entities. Consequently, pursuant to the Scheme of Arrangement of the Companies Act, 1956, a new company was incorporated in the year 2012 for acquisition of the depository undertaking of NSDL. Upon implementation of the Scheme of Arrangement, NSDL is engaged in the business of providing depository and other allied services. NSDL e-Governance is engaged in providing various services related to e-Governance. NSDL Database Management Ltd., a subsidiary of NSDL, is engaged in a number of businesses primarily in financial markets. Some of the more popular initiatives are:

- NSDL CAS (Consolidated Account Statement): NSDL CAS is a single account statement consisting of transactions and holdings in

investor's demat account(s) held with NSDL as well as CDSL and in units of Mutual Funds held in Statement of Account (SOA) form. The statement enables investors to have a consolidated view of their financial assets and provide an insight of their portfolio across various asset classes. NSDL started this service for investors from February 2015 which is available both in physical and electronic form. NSDL sends over 2.2 million CAS statements to investors every month other than March and September while more than 15 million CAS statements are sent in September and March together. More & more investors are opting to receive NSDL e-CAS i.e. statements in electronic form for better monitoring & easy access to their portfolio. To know more & register yourself to receive electronic CAS, please visit <https://nsdlcas.nsdl.com>

- NSDL Mobile App: NSDL launched its maiden version of Mobile Application in June 2014. Demat account holders can view balances along with values in respect of their demat account using their smart phones anytime, anywhere. Clients can register their demat account online for IDeAS facility through NSDL Mobile Application by following simple registration steps after downloading App from Google Play Store. Further, existing Users of IDeAS or SPEED-e can use their existing credentials (i.e. User ID and Password) to access their demat account using Mobile Application. The app can be downloaded from Google Play store for Android based mobile phones having OS version 3.1 or higher and from app Store for IOS based mobile phones having IOS version 6.0 or higher.

There are many more schemes and initiatives that have been undertaken by NSDL. I cannot detail them all in just one article. Please do get back to me in of clarifications on any scheme.



YOU CAN'T BUY LOVE, but YOU CAN BUY CAKES... and that's a WONDERFUL THING !

- Shweta Pednekar
Semester V - B

This is the story of how my family learnt to experience the pleasure of baking cakes. In my childhood, my sister and I used to enjoy the normal sponge cake from our local bakery. Baking the same cake at home however, was no cake-walk! The real challenge was to insert Mom's homemade jam-filling in the cake. At that time, I never imagined that one day, I would become a home baker. Let me start at the beginning.

It all started with my Mom's love for baking. She used to bake these perfect looking sponge cakes, but was unaware about the icing process. She managed to master the technique (in that special ways only a Mom can) and the first ever 'real' cake we baked was for my Teddy's first birthday. Now it sounds ridiculously childish. But everyone (including my Teddy) was very excited at the time! That was our very first accomplishment in our 'baking' journey – after that we started baking for every family event - be it a birthday or an anniversary. With every baking opportunity we got better and better at baking. Soon, our skill was recognized, and we started to get requests for baking cakes from our neighbours.

Our very first 'professional' order came from one of my Dad's colleagues...for a chocolate truffle cake. This marked the beginning of our house-hold baking venture. Our immediate task was to find a name for our small, but booming business. We came up with the name 'p and ds'; that is Pednekar and Daughters.



I realize it's an odd name for a bakery, but 'p and ds' is not just a name for us - it's an emotion - it's our pride.

Our name is pretty self-explanatory. Any type of business, however, whether small or big needs to keep up with the ongoing trends in the market. Our case was no different. The next challenge here was to learn fondant art. Slowly and gradually we mastered that art too – even though the first ever fondant cake took us more than 12 hours to bake. We value the learning.

It's been eighteen months since we started our journey into professional baking, and it has been an eventful time for us. Our commitment and hard work has really paid off. We have grasped the different techniques of cutting a cake, and familiarized ourselves with the countless ways of icing. The real source of satisfaction is that most of our learning is self-taught.

Our first corporate order was from Radio City, We had to bake 393 customized cupcakes. This particular order was really our break through moment. It motivated us to accomplish one more milestone - which was baking 60 cakes in a day. It seemed impossible, but I strongly believe that as long as you have passion, faith and are willing

to work hard, you can do anything you want in this life. This is the 'P and ds' way of baking. We experiment. If we fail, we learn. We try again.

Whenever we look back, and realize what we have achieved so far... it surprises us. The journey till now has been fulfilling and full of surprises. We never dreamt of coming this far. We would love to continue to surprise ourselves in future and spread happiness through our customized cakes. And like our p and d motto goes 'you can't buy love, but you can buy cakes, and that's a wonderful thing'. I encourage all of you to follow your dreams, and one day they will come true!





SUCCESS: NO GENDER BIAS

- Anuja Naik
Sem. III - B

People say that the world is beautiful when we have women in our lives. A woman may be your mother, sister, wife or friend - she deserves equal respect from everyone. Whether we call it God's or Nature's creation, giving birth is the most difficult and beautiful act in the world. Only women are blessed with this beautiful gift. It is said that Nature has different plans for each one of us, but She has made women the model of multitasking; who spread joy and happiness by their mere presence.

I come to the main point of this article...a story about a woman who achieved success in her 40's; a story of a common woman which can be understood by all. As a 39-year-old housewife and mother of two, Meena Bindra turned her boredom into a creative venture and made it a profitable business. With an initial investment of just Rs.8,000 taken as loan from the bank 33 years ago, she pioneered the salwar-kurta revolution in the country. She was able to reach out to all women, throughout the country by changing their dressing styles. The 'Punjabi suit', as it used to be called, became an important part of every woman's wardrobe.

What is perhaps little known is that Meena Bindra also gave her ever-expanding clientele the popular Patiala salwars. Talking about the Patiala salwar, she has said that "Once in Delhi, I went to a Sardarji tailor in Shankar Market who stitched a gherewali (with gatherings) salwar to perfection. He said he

was from Patiala and I decided upon the name...and it caught on."

Meena combined the Patiala salwar with the collared Haryanvi kurta with pockets - and people fell for it. Likewise she designed the Hyderabad pajamas, which are today's palazzo pants; the Bhopali kurtas with pleats in the front; the Peshwa costumes with a stitched yoke in the center and cuffed sleeves; the battis kali (32 pleats) on mulmul for summers.

"I dug into designs and gave names at a time when fashion was hardly the buzzword. I was lucky that people found them comfortable to wear," she says.

Meena believes she creates beauty with her fabric, prints, and designs. "The alchemy of beauty is magical and when a woman wears it she feels connected to the dress and is transformed into a picture of confidence," she says. If evolving with time and keeping the culture intact has been her mantra for BIBA, she says the good quality of her products delivered on time at an affordable cost have been the reasons for her soaring business.

She started at a time when ready-made churidar-kurtas were unheard of and sourcing of the fabric was not easy. There were no malls, no brands, and no benchmarks. Her original creations gave her the first-mover advantage. "With Rs.8,000 she first hired a cab to go to the wholesale market to source fabric, find a tailor and a block printer. I stitched 40 pieces in sizes S, M and L and sold them for Rs.170 each making a profit of nearly Rs.3,000. That was huge money then," she recalls.

Each customer was a friend who was invited home to try the finished garments. “But there was no compulsion for them to buy,” she says, “because I never saw it as a commercial venture.” Yet when all the pieces were sold and appreciation poured in, Meena realized that even without a qualification in fashion designing this was her forte.

Being Delhi-based, she could make and sell an outfit she knew thoroughly. The success of the first sale led to the next and there was no looking back. As her business grew, she had to manage marketing, finances, and planning. Mumbai’s fashion store Benzer gave her the opportunity to move her product out of her home. “Benzer was stocking Indian women’s wear and gave me my first big order and also taught me the insights of business” she recalls. She had to deliver on time, keep a bill book and have a brand name for identification. That is how BIBA was born in 1988.

Yes! That’s the transformation from a housewife to a successful super businesswoman. They are born talented and achieved success with grace.

Women empowerment is not only limited to women living in urban areas, but also to women in remote towns and villages. They are now increasingly empowered to make their voices heard loud and

clear in society. They are no longer willing to play the second fiddle to their male counterparts. Educated or not, they are asserting their social and political rights and making their presence felt, regardless of their socio-economic backgrounds.

While it is true that women, by and large, do not face discrimination in society today, unfortunately, many of them face exploitation and harassment which can be of diverse types: emotional, physical, mental and sexual. They are often subjected to rape, abuse and other forms of physical and intellectual violence.

Women empowerment, in the truest sense, will be achieved only when there is an attitudinal change in society with regard to womenfolk, treating them with proper respect, dignity, fairness, and equality. The rural areas of the country are, by and large, steeped in a feudal and medieval outlook. Some so-called guardians of society refuse to grant women equal say in the matters of their education, marriage, dress-code, profession and social interactions. In some more progressive parts of the country however, this attitude is changing.

Let us hope that better sense prevails, and women empowerment spreads to every nook and corner our vast and glorious Bharat!



SLANG...the VERBAL SWAG!

- Kaushal Shah
Sem V-B

Slang is a colloquial, very informal mode of communication through words which are usually spoken and not written. Slang words are common to the thousands of languages that are spoken all over the world. Slang is found by most people to be more expressive of an individual emotion, sentiment or situation than conventional and 'correct' language. It even helps evolve the language - thereby keeping it fresh. Many people, especially those from the younger generation feel that the use of slang is fashionable and trendy. It fosters more effective communication, and is sometimes more cryptic and succinct than traditional use of the language. Slang is usually restricted to a particular context or a specific region. Its use might even be limited to a specific group of people; for example the young generation is more active in the generation and use of slang. Slang is perhaps the most crucial factor in keeping a language vibrant, current and alive!

Slang can be a completely a new word, a combination of words or a word which we already know but has a different meaning. When slang becomes popular enough and sufficient number

of people start using them in spoken language, it takes its due place in the dictionary. In the Age of Information, slang spreads at an incredibly fast rate through the following media channels:

- Internet
- TV
- Radio
- Travelling
- Newspapers
- Magazines

Finally, slang should be used appropriately; usually when conversing with friends or people one is close to. Slang can be offensive to many, and should therefore be used with discretion. Nevertheless, the developing slang involves creativity - which enriches a language. A language empowers people to communicate with greater effectiveness, beside adding spice and colour to our interaction. I have compiled an illustrative list of some slang words that are used in 'Aamchi Mumbai'. There are many more...but I have deliberately tried to choose the ones that are least offensive!





- | | |
|---|---|
| 1. GHAPLA - scam | 11. KAT LE - get lost |
| 2. CHAALU - clever | 12. BINDAAS - passable, okay |
| 3. CHAKKAR - affair | 13. FAT'TU - coward |
| 4. PANI CUM - not up to your standard or person who is not cool | 14. CHAMAT - slap |
| 5. PANDU - policeman | 15. JUGAAD - innovative solution or life hack |
| 6. JHOL - trickery | 16. PAKA MAT - to bore someone |
| 7. KHAJUR - stupid | 17. DIMAAG KA DAHI KARNA - stressed |
| 8. LOCHA - some problem | 18. BAKRA - scapegoat |
| 9. JHAKAAS - fantastic | 19. BAMBOO LAG GAYE - in big trouble |
| 10. VAT LAG GAYI - in trouble | 20. POPAT - made fool of oneself |

Saiyan

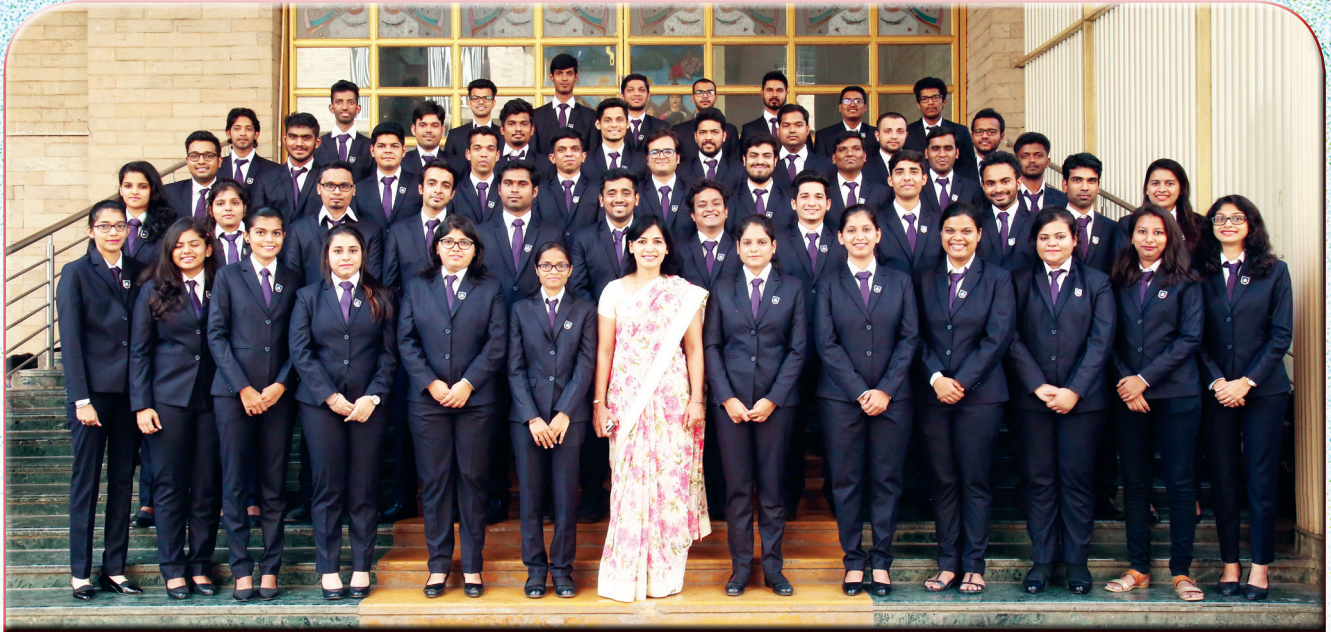


Be Super Strong...

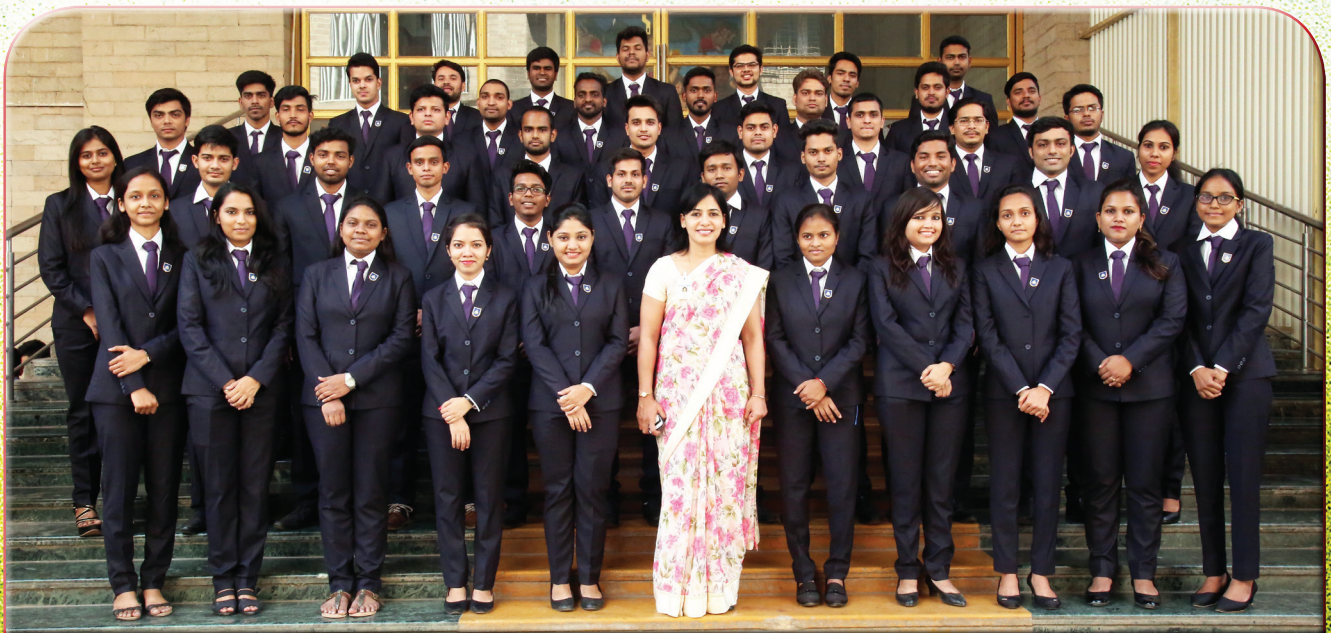
- Adarsh Rao
Sem III-B

Adieu...

Batch-A (2015-2018)



Batch-B (2015-2018)



Glimpses

ICAIM 2018



DOCTOR'S WORKSHOP



IoT TRAINING



FDP

YOGA DAY



STTP

BLOOD DONATION

BOOK EXHIBITION



Beyond Lectures

SYNAPSE



WALKATHON



INDUSTRIAL VISIT



SWACHH BHARAT

CSI CERTIFICATION



SCHOOL VISIT



CONVOCATION



GUEST LECTURE

Celebrations

SPORT DAY



FAREWELL



BUSINESS MELA



FRESHERS DAY



TRADITIONAL DAY



ALUMINI MEET



TREKKING



My First Android App

- Subeesh Sukumaran
Sem. III - B

There is always a first time for everything - and I vividly remember the day when I decided to develop my first Android app. It is one of the best decisions I took in my life. I got a chance to learn a lot of new things in Android software development. In this article, I share some of the gems of experience that I have collected during the journey of developing my first Android app.

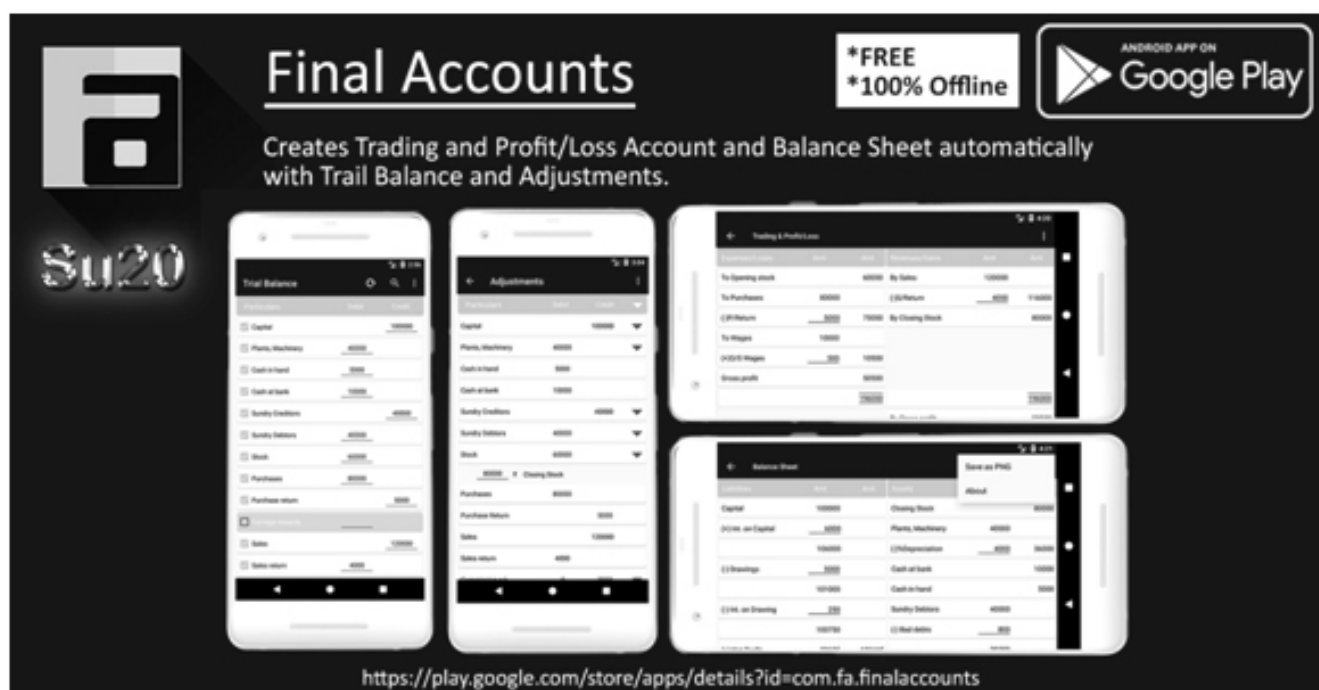
Once during a visit to my friend's house to play, I found him busy doing his homework. Sitting beside him, I saw that he was trying to solve a pretty complicated accounts problem. I was observing closely, and realized that it was following some iterative pattern. Somehow he completed the problem. I asked him if there was an online app to solve this kind of questions. He replied that he knew of none. I immediately decided to develop an app for my BSc-IT project, and call it 'FINAL ACCOUNTS'!

Like everyone, I started my search on the evergreen Google with the query "HOW TO DEVELOP ANDROID APP FOR BEGINNERS". I had Eclipse and JDK but didn't have the Android Software Development Kit (SDK). One of my teachers' helped me in installing the Android SDK.

After learning Android basics, it was time to study about accounts; that is creation of trading & profit/loss statement; account and balance sheets, etc. Despite having a science background, I had to learn commerce. YouTube has been a lifeline for me in understanding accounts. Initially, I understood nothing. I was amazed to see that even after such complex transactions how commerce students were able to tally their accounts and balance sheets in assignments!

After understanding the application domain, it was time to develop the app. Initially, I committed many mistakes and a lot of time was wasted in rectifying them. Github libraries and blogs like Stack Overflow and Quora helped me a lot.

On the day of the project submission, the app was not ready - not even the documentation. I asked for two days extension from my project guide. I remember that he told me, "This project is not possible". I convinced Sir that it has almost completed but I need an extra 2 days. Later he postponed final project submission date for everyone. I worked all day-night and the app was completed at 5:30 AM on the day when the final project submission was to be done. I had just





Everything seemed to be working correctly, but suddenly the application started to crash on some phones. I fixed the problem; put in an update - after which it started to work smoothly. A few of my friends were still promoting the app with great enthusiasm. After 11 weeks the app Final Accounts got 2400 downloads, with 4.9 rating, an awesome review. For me the most important aspect was that my app had happy users!

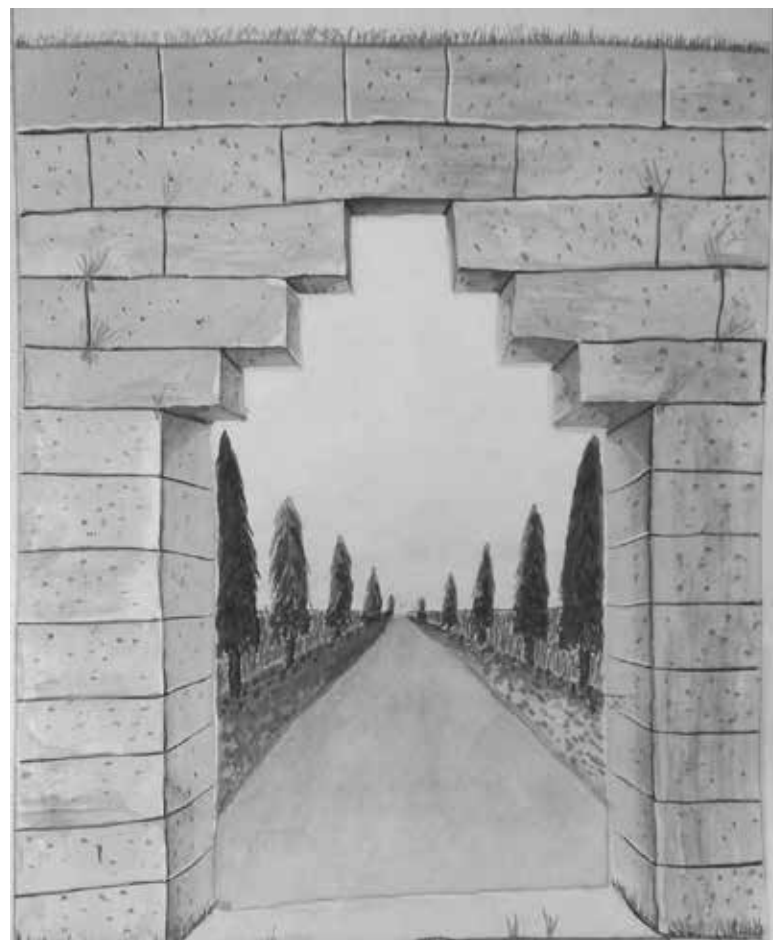
There is still, a long way to go. This could not have been possible without the support of my friends and the positive thinking with which I was able to complete my first app.

*<https://play.google.com/store/apps/details?id=com.fa.finalaccounts&hl=en>

slept for an hour. Sir appreciated my hard work in completing the app. His praise encouraged me a lot.

One aspect which kept bothering me in the phase after my graduation and before starting MCA was to make my app reach up to people who were in need of such a type of application. At that time my app had many drawbacks. The most significant one was that it was too specific for a general app, and required too many inputs. The GUI was not intuitive enough. I decided to start all over again from scratch. This time I tried to make the app on Android Studio. I came across many difficulties. The project was completed by 20th January 2018 – the date I had set up for my app release. I also launched a promo video (<https://youtu.be/I-nezOfDRPw>). The marketing of the app turned out to be a greater challenge than the development! I took the help of my friends. My friends supported me wholeheartedly.

Before release about fifty of my friends posted and shared with their groups on social media information about Final Accounts app. I was overwhelmed with the response. Finally, the app released on 20th Jan 2018.



*Every morning is beautiful;
it depends on you to make it awesome.*

Is It Really Okay, to Not Be Okay?

- Nehali Parulekar
Sem. V - B

Our life is made of the sum of our experiences; not just of a day or two. For the vast majority of us, life is not made up of one single ingredient; it is dish of many spices. From happiness to sadness, defeat to victory, from sorrow to joy - it has to have everything, only then is it entitled to be called LIFE!



- but take a U-turn and search for the right path. A lot of times, we want to cry, to scream, to curse, and to vent out the pain or suffering we are going through. I believe has a breaking point, which changes us; either in a good way or in a bad way. We have to accept the circumstances and move on in the hope of better tomorrow.

I believe that, sometimes, it is okay, to not be okay. It is okay, to not have won a prize you were expecting. It is okay to not get married to the person you were deeply in love with. It is okay to lose something. It is okay to opt for an easy path. It is okay to eat a calorie-rich food when on diet, or occasionally skip gym. Life cannot always go as planned. If it always goes as planned, it's not life! Once in a while we come across someone, who we love utterly, whose happiness matters most to us - and even though they hurt us, we smile and love them even more! Maybe they won't love us back. Maybe they will. But I guess it is okay. Either way, life must go on!

You won't get everything you wish for! God works in mysterious ways. He plans and re-plans so many things for each one of us. You can call it destiny or fate; it is all planned by Him, not you! A lot of times, I have taken some road, while travelling, which I shouldn't have had, but then half way through I realised if it was a good or a bad decision. If it was good, I enjoyed it, if it was bad, I would still enjoy it

It is completely okay to cry at 2 am when the floor is cold or to be happy when the world is going upside down. The only thing which stays with oneself is – oneself. People come and go. Situations keep changing. The seasons change too. And so do you. At the end, keep yourself as the highest priority, in spite of what happens and what people say.

I believe that one should not get stuck in a rut merely because it is convenient. No one knows you better than yourself. Never unduly explain yourself anyone but yourself. You need to justify your actions to yourself only. Don't cheat. Don't steal. Don't beg. Don't argue.

When time comes, it would all eventually fall in place. You would then not remember most of the things tha you said or did, but it would all make sense, one fine day. Until then, LIVE!

Always live a life, where sometimes...it is okay, to not be okay!



Spartan - (Fight Back)

- Saif Ansari
(Sem III A)

The 5Cs' of Website Designing

- Jerome D'Mello
Sem. V - A

The internet has become an intrinsic part of urban life in India. As an increasing number of services available get digitized the importance of dissemination and use of those services has steadily grown. An effective method of conveying information online is through a website. In the current environment a website is used not only for business, but also for personal branding. One need not be an expert at the technology of the internet to design a functional and aesthetically pleasing website. It can be done by using various tools, website builders, etc. which are available free on the internet. Even a layman can design and launch a basic website by the use of these tools. To get things right however, there are certain basic guidelines to be followed. What follows is my take on website design tips and how you can implement them to boost your web design skills. I call it the 5Cs' of website designing.

Content is a very important factor when it comes to explaining a topic properly to your audience. Always make sure your content is written in basic language so it's easy to read and understand. Content is what separates your website from the masses and allows you to prove yourself. It helps to send out the right message to your current and future customers.

Adding visual content to your website pages is another important factor. Furthermore, typography should always match the theme of your image. Good content is like the heart of your website but to support it you need the brain, which are the other website design tips mentioned below.

Colour will make your website attractive - but only when used properly. Every color represents an emotion and you have to take care to make use of the best. Depending on the target /goal to be achieved specific colors can be implemented on a website to make it user-friendly, pleasing to the eye and interesting enough to share. You can visit sensationalcolor.com to know more about color psychology. They have some great research conducted about colours.

Creativity -Yes! The more creative your website is, the more you'll attract the audience.

You have to emphasize some unique feature of your website that will attract more eyeballs. Researchers have found that creative websites attract twenty percent more audience.

Consistency - make sure you follow the same theme throughout always make sure you're to keep your content, images, creative consistent throughout the pages of your site. Websites following a single theme expressing more about their brand/company create a more authoritative internet presence.

Call to Action. Even after you have implemented all the 4C's of Website Design above you are yet missing one. A critical design feature of any website is the 'call to action' (directions) to the visitor of your site. Without a proper call to action, there is no value accrued to you – the owner of the site. It's like doing everything for free! You have to lay down clearly what the viewer of your site must do to avail of your service or how to get in touch with you. You thus have to ensure you add the proper call to actions whenever and wherever required.

All the best for your website design!



The Odd One Out

- Aishwarya Rane
Sem. III - A

It took me a moment to register that I was being questioned. The insistent voice repeated, "Are you deaf?"

I replied in a perplexed tone, "No".

Smiling at me, I saw a tall chubby girl with long curly hair and big almond shaped eyes. That was the first time after my parents had moved to this city that someone actually came and talked to me. That's how I met Kshitija who has had a lasting impression on my life.

I was always a loner, a shy nerdy girl who avoided crowds and social gatherings. One reason was that I sometimes stammered while speaking; and was the only girl in my family with dark skin. I was constantly mocked and jeered by my relatives and neighbours about my complexion. I was called by names such as ugly duckling, the adopted child, or even the odd one out.

Over a few days Kshitija and I became good friends. I could relate a lot with her, because she was herself a victim of incessant bullying for being fat. She was however, a headstrong, wilful and a determined girl - with fighter spirit.

Kshiti, as I called her always helped me out in small ways. She always stood by me when any one tried to bully me. Most importantly she taught me how to speak up for myself and got me to relax and boosted my self-confidence. She loved to quote a line from her favourite novel, "you are not so important that the whole world is looking at you, learn to relax and laugh at yourself". It was incredible – the manner in which she took me out of my nervous and shy behaviour.

Over the years we made many friends, went to school together, studied together. She was always my backbone.

As the saying goes, 'all good things come to an end!' After our school life ended, we went our separate ways. As time passed, we became busy in our lives and lost contact. I still think of her now and then - the girl who always stuck with the 'odd one out'!

Even today, while walking down the street or enjoying a picnic in the park, I hope to hear a voice in the crowd ask, "Are you deaf?"

FIND THE ODD ONE OUT





YouTube: A Valuable Educational Tool

- Sanket Dhumal
Sem. V - A

That value is provided by YouTube to society cannot be denied. The *amount of value* that YouTube delivers however is contentious. Many regard YouTube as a means of entertainment that delivers music and videos. It would be an error to do so. From 'how-to' instructional recordings to TED talks, YouTube has the potential to be the most significant instructional tool in history. And yet some people still ask the question

Can we use YouTube as an Educational Tool.....?

Some statistics are relevant here. With more than 100 hours of videos are being uploaded each moment on YouTube; and through individuals in 61 nations around the globe, a surprising six billion hours of video content is being observed each month. The figures move higher by the day. For countless individuals around the globe, YouTube and many other free video tutorials are turning out to be another instructive model. A developing number of non-revenue driven suppliers like the Khan Academy offer anybody, anyplace, access to a huge list of material on almost any theme imaginable. This is very good news for individuals in developing countries who need education and training, but lack the facilities and opportunities to obtain them.

There are numerous advantages of YouTube. The simple entry and adaptability of YouTube are enabling beginner and expert substance designers to create instructional substance to a worldwide group of onlookers on any possible point, from sewing to drawing, to photography, to hair and cosmetics; even DJ-ing and scrapbooking!

Schools and colleges are coordinating free video exchanges on platforms like YouTube into their classroom into their formal training. Sessions are created either by content engineers or by the instructor/speaker themselves, utilizing a webcam and some effortlessly learnable programming, and transferred to YouTube. The connection is then inserted in the course site where interested students can watch it on request. These recordings can be open or private. Perceiving the developing impact of video-on-request in training, YouTube is conglomerating their instructive substance into effortlessly explored classes and playlists to make "YouTube EDU".

As we move into the world of automation and big data, we are seeing a move from the grounds based model of instruction that has persevered for a thousand years to an open, anyplace and whenever show. On-request video is an innovation that is providing an adaptable and better approach for instruction. This will require some versatile response from advanced education suppliers; if they are to survive.

Information does not and should not be conveyed exclusively by instructors, nor should learning conditions be educator-driven. Be that as it may, colleges and universities additionally need to cater for the developing opportunities for youth whose conditions make it troublesome or difficult to go to class face to face; regardless of whether they need to or not. For them, online conveyance with top-notch video-on-request is the need of the hour. YouTube is just the beginning to fulfill that need.



SY - The Year of Truth

- Deepesh Lad
Sem. V - A



Hello everyone, I'm back on this wonderful platform after the First Year's Story, where I had shared my experience of my days in first year of MCA. This time I share my thoughts on Second Year (SY); that is experiences of my second year at TIMSCDR!

After a fulfilling first year (FY), I was excited and confident to face the challenges that the SY had in store for me. I began my SY with the participation in Smart India Hackathon (SIH) 2018; for which I was pretty excited as I had participated last year and got selected for the finals. It was a long and hectic process to just finalize the team - ultimately we managed to build a team of six. The process of SIH 2018 was a hectic one, as we had to abide by so many rules as laid by the SIH coordinating committee (the rules for participation were much tougher than before). After a month of relentless effort we managed to apply for SIH 2018. That was the day I finally relaxed, and hoped for the selection in the finals – as in the previous year.

Meanwhile, 3rd Semester exam went by and by God's grace, I passed with a good CGPA. On the other hand, while Sem 4 started, all kinds of events were scheduled. Things started rolling with the sports day, and culminated in Vista 2018. After Sports Day came E-Week. I will always remember E-Week as a momentous time in my life. It gave me valuable insight into the psychology of entrepreneurship and of human behaviour. The event was successful

and I learnt a lot about how to deal with conflicting situations – on both personal and professional levels. After the success of E-Week came the challenge of our college flagship event - ICAIM 2018. Just as the in previous year, I was student volunteer for the event. I was really fortunate that I got to share my thoughts with my idol Dr. Mukesh Gupta, and many other intellectuals at the conference. Those were some of the best days of my life. I would advise all my juniors to actively participate in E-Week and ICAIM to further themselves in their personal and professional lives.

After the conduct of two successful events, came the culmination - Vista 2018! I was in-charge of the Web Designing event; as well as part of the Vista coordinating team. It was exhilarating to plan - and see the execution of those plans. I am truly fortunate to have got this experience as a student; which I am sure will help me later on in my career. As I write this, the second year is still not over, as the 4th Semester exams are upon us – but I am confident about the future too.

As I look back, I realize that I manage to learn so many things from this second year. I learned a lot regarding true friendships; also I learned about the leadership qualities, volunteering experience, how to be bold and confident (yeah! I was pretty shy in FY)! I would like to end it with a famous quote: “No matter how you feel. Get up. Dress up. Show up. And NEVER GIVE UP!”

In the Future, will we all be Linked through Telepathy?

- Sonia Deora

Sem. III - B

Telepathy is one of the most mysterious and potent of psychic abilities. It is understood as the direct communication from the mind of an individual to the mind of other individuals through thin air; without any communication interfaces or devices in-between. Till very recently, telepathy had no scientific basis. It was wholly dependent on intangible factors like faith, belief and meditation. While many people were skeptical, many firmly believed that it could be accomplished by professionals' who have been specially 'gifted'. Recent advances in brain-computer interfaces, however, are turning the science fantasy of transmitting thoughts directly from one brain to another into reality.

Studies published in the last two years have reported direct transmission of brain activity between two animals, between two humans and even between a human and a rat. These "brain-to-brain interfaces" (BBIs) allow for direct transmission of brain activity in real time by coupling the brains of two individuals. BBI is made possible because of the way brain cells communicate with each other. Cell-to-cell communication occurs via a process known as synaptic transmission, where chemical signals are passed between cells resulting in electrical spikes in the receiving cell. Synaptic transmission forms the basis of all brain activity, including motor control, memory, perception and emotion. Because cells are connected in a network, brain activity produces a synchronized pulse of electrical activity, which is called a "brain wave".



Brain waves change according to the cognitive processes that the brain is currently working through and are characterized by the time-frequency pattern of the up and down states (oscillations). Brainwaves are detected using a technique known as electroencephalography (EEG), where a swimming-cap like device is worn over the scalp and electrical activity detected via electrodes. The pattern of activity is then recorded and interpreted using computer software. Scientists are now working on ways to sort through all the noise in brainwaves to uncover specific signals that can then be used to create an artificial communication channel between animals. The first demonstration of this was in a 2013 study where a pair of rats were connected through a BBI to perform a behavioural task. The connection was reinforced by giving both rats a reward when the receiver rat performed the task correctly.

Such technologies have obvious ethical and legal implications, however. So it is important to note that the success of BBIs depends upon the conscious coupling of the subjects. In this respect, there is a terrific potential for BBIs to one day be integrated into psychotherapies. Soon it might well be possible to transmit a telepathic message to a partner directly through your brain.

So don't be surprised when (in the future) your friend 'by a strange coincidence' brings you milk at home, when you're craving for cold coffee (and you are out of milk in your refrigerator). Believe fervently, and it could happen to you!



Social Malady

- Yogesh Dubey
Sem. III - A

It is common knowledge that Mark Zuckerberg did not create Facebook to become the giant business it has now become. It was created to bring the 'social' experience of college to the internet – so that friends could stay in touch with each other. Another reason was that students could control the information they shared with the people they shared it with. This is basically true of all social media. They came into existence to connect people - and bring them closer. In my opinion, the current situation is the complete opposite of the original intent of the various creators of social media – and has gone out of control due to vested political and corporate interests. The 'aam aadmi', for whom it was primarily meant has become the victim of manipulation by these vested interests. What happened?

In the last few years social media has influenced our lives more than we could ever imagine. Internet has become the whole and sole of our daily life. Youngsters and the forthcoming generation are especially influenced by it. The health and attention span of the youth is getting adversely affected due to the substantial amount of time they spend engrossed in online social media distractions. This is affecting their minds, and will ultimately harm their future.

Social media was devised to bring people from all over the globe closer. No doubt it's doing its part, but at times it takes on the role of a false friend - like a fox in a lamb's coat destroying our real life relationships. Today's youth are distancing themselves from their family and friends, the group meetings and real time conversations have been taken over by WhatsApp, Facebook, and Twitter etc. The youth is perpetually hooked on to networking sites. It has become a trend to ask friends to upload photos on social media on any activity, small or big. It is disturbing that youth prefer networking sites over family and friends to discuss their problems and issues. Social media has led us to isolation, desperation and intolerance. Moreover it has also led to a rise in depression and imbalanced behavior. The social 'blessing' has become a 'malady'!

It is high time we learn to take control of this 'social' media frenzy in our lives. We need to regulate our schedules and the changes they have caused in our social lives. It's time we reinstate the importance of time that is spent with our family and friends in the real life around us - rather than being perpetually obsessed with what is happening in the virtual world.



5 Quirky Hacks for Every College Student

- Kaveri Araksali
Sem. III - A

Life hacks are those fun and quirky things that make your life easier - compiled by me, just for you! College life is filled with fresh endeavours and novel ideas. But college students also face many woes - getting up on time; attending lectures; and continually running low on pocket money – just to name a few! These hacks are meant to divert you. You can call them ‘time-pass’ (that comes in handy at times). They will also make you smile.

Mandatory Disclaimer: Though I used our ‘universal saviour’ Google to hack these hacks, the choice is entirely mine. I have tried all of them all – and hope you’ll find them as useful and fun as I did!

Use Chewing Gum for Better Concentration

Study suggests that chewing gum can help you concentrate for longer time period. It can also help in improving concentration in visual memory tasks. Don’t forget to brush your teeth after!



Keep Phone in Glass to Amplify Sound



If you’re a heavy sleeper and sleep through the alarm you set on your phone, then you can keep your phone into a glass it will amplify the sound.

Make WiFi Boosters with a Can



You can make use of empty soft-drink can to boost your WiFi signal. If you’re getting a weak signal, you can use this trick. Cut open any empty cola can to make parabolic reflectors. The shape of the can and the metal when cut open helps in focusing the signal to and from your router. Start by making a hole at the base of the can, and place it through the antenna. Your WiFi signal will now be much stronger.

Get Quick Summary with this Extension



While working on an assignment or a report, you might be required to read several online reports and articles. But, not to worry! To get quick summaries of articles online, you can get and use the Chrome extension named TLDR. This plugin will show you the detailed gist of the article. This can help in figuring out whether you want to read the whole thing.

Use Post-It Notes to Clean Your Laptop's Keyboard

The sticky part of the post-it note will prevent dust build-up on the keyboard.



Time Travel

- Viren Pawar
Sem. V - B

Wouldn't travelling through time be a wonderful adventure? Before we make up our minds, let's understand the concept. What is time travel? Most of us believe it is the 'make believe' going back in time or taking a leap forward into future. Theoretically this definition is correct. Scientifically however, time travel is described as breaking the barriers of speed and inflating the dimension in such a way, that its force opens up a phase that breaches through different timelines to allow us a passage to past or future.

The past or future could be arbitrary: moving back (or forward) by a year, a month, a day, a week, an hour or even a minute. Even now, we can think of ourselves as time travellers, flowing along with the current of time (like a wooden log in a river), from the past into the future. The Late Professor Stephen Hawking once said "Time travel was once considered scientific heresy...I used to avoid talking about it for fear of being labelled a crank." Some renowned physicists however, have proved that, travelling in the past is not possible. A leap into the future is hypothetically possible - according to Sir Albert Einstein's Theory of Relativity.

Using the theory, scientists have thought of various techniques by which time travel can be achieved. Some of these include: speed, gravity, suspended animation, wormhole, cosmic strings and Kerr rings. These are explained below.

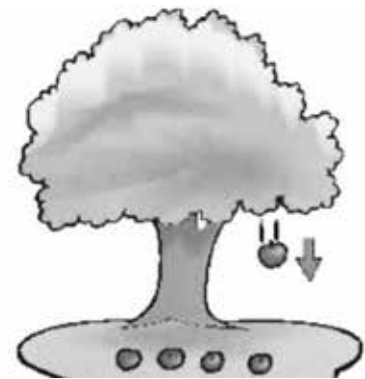
Speed



The easiest way to travel through space-time is to go furiously fast. According to Sir Einstein's Theory of Special Relativity, when you travel at speeds approaching the speed of light, time slows down for you relative to the outside world. Suppose, you were in a spaceship travelling at 90% of the speed of light, you'd experience time passing about 2.6 times slower than it was back on Earth, and the nearer you approach to the speed of light, the certainty of time travel increases.

Gravity

According to Sir Einstein's hypothesis of general relativity, the more grounded the gravity you feel, the slower time moves.



For instance, as you get nearer to the focal point of Earth, the quality of gravity increments. Time passes more slowly for your feet than your brain.

For movement to the far future, all we require is a locale of immense solid gravity - for example, a black hole. As you advance closer to the horizon, the slower time moves - however it's an unsafe business...cross the threshold and you can never get away (as the gravitational pull of the black hole is too enormous).

Suspended Animation

Another approach to movement to the future might be, to moderate your view or perception of time by ceasing your natural in-built processes and restarting them later. This is also called human hibernation. Bacterial spores can live for many years in a condition of suspended movement, until the correct states of temperature, dampness and nourishment kick starts their entire digestion system once more. For example, few warm blooded creatures like, bears and squirrels can depress their

digestion process amid hibernation, significantly decreasing their cells' necessity for nourishment and oxygen. Can this technique be achievable by humans? It can be done through a method which induces hypothermic hibernation. To perform this practically, experiments were conducted. Very few people however, survived through "The Big Sleep" (human hibernation). Those that did survive have been called medical miracles. People have been submerged in icy water or buried in snow, with no breath or heartbeat. They seem dead, yet a fortunate few are revived—thanks to the cold.

Wormholes as an answer to time-shift were discovered by Sir Einstein himself. In 1935, he (and Nathan Rosen) presented the hypothesis of the wormhole. If we consider the black hole solution (which looks like a funnel), remove the end, and then merge it consecutively, with another truncated funnel, then we have a wormhole. So, at the core of a dark opening (black hole) may be an entryway to a parallel universe. On a basic level, you would then be able to make wormholes allowing you to travel through time. Realistically however, this arrangement can be rejected, since chances of survival after falling into a black hole are almost zero.

Cosmic Strings can be defined as one-dimensional "splits in the universe"; a portion of the most interesting structures ever seen by cosmologists. They could enable us to explore through time. They are thought to have been framed billions of years prior, just a few minutes after the occurrence of the Big Bang. In light of the fact that they contain such a lot of mass, a few researchers believe they could

conceivably "twist" space-time around them. It has been hypothesized that of two such cosmic strings parallel to each other, will be able to twist space-time energetically to the point that might set aside a few minutes travel conceivable – in principle.

Kerr Rings revolve around the black hole. Their gravitational time widening will take us into the future. One cannot escape the gravity of a black hole, but one particular configuration may allow us to escape and travel forward in time: the Kerr black hole or Kerr ring. In 1963, New Zealand mathematician Roy Kerr proposed the first realistic theory for a rotating black hole. The concept hinges on neutron stars, which are like collapsed stars with the size of Borivli (Mumbai) but the mass of the entire Earth. Their centrifugal force would prevent them from turning into a singularity. Since the black hole wouldn't have a singularity, Kerr believed it would be safe to enter without fear of the infinite gravitational force at its center.

NASA is now actively working on a spacecraft that would allow travelling faster than the speed of light by actually growing space-time behind the object and contracting space-time before it. In general, the object doesn't "go quick," yet; rather it exploits Albert Einstein's hypothesis of relativity to move between space-time, termed as a Warp Drive. Far back since the sound barrier was broken, individuals have turned their attention to how we can break the light speed hindrance. All this is mere conjecture; for now, "Warp Drive" or any other method for speedier than-light travel is still at the level of theory.



Life Goes On...Don't QUIT!

- Shalaka Arun Sane
Sem. III - B

It is human to hope and strive for a better future. There is a general belief among many of my fellow students that life will be easier once we finish college, and start earning - that after finishing college we will find a world much more to our liking. I think this is a misconception.

Let's come to the root of the issue...what is the actual meaning of life? For me, it is the miracle that every moment with every breath brings along with it endless possibilities of joy and fulfillment. Life is always a challenge to live each day, to enjoy each moment, to talk to people and share experiences. The best time is right now - If you are pessimistic in the moment – things will worsen but optimism brings out the best in you and your situation. Give each second a chance to be joyous and fulfilling, in each and every way!

I have thought of certain rules by which we can make our lives more positive. I feel we can become more optimistic in our approach if we follow them; most of the time, they certainly work for me! Here goes!

- ★ Talk freely with those whom you feel comfortable,
- ★ Stop running behind those who treat you as 'inferior'.
- ★ Get done that task first which puts on your forehead a frown.
- ★ Life gives you new birth every day – a new opportunity in new and unknown ways,
- ★ Try to smile always, but don't be too bothered to hide your tears.
- ★ Life will pressurize you with many different tensions but you have to solve it calmly in your own time sessions.
- ★ Every phase of life brings a fresh set of challenges – don't avoid them.
- ★ Stick to the fight when you are hardest hit, things will change.
- ★ Don't give up, even if progress seems slow....one might succeed with another blow!



BLOCKCHAIN SIMPLIFIED

- Rahul Mishra
Sem. V - A

WHAT ARE BLOCKCHAINS?

Blockchain is a data structure that is secure, cryptography based and distributed across computer networks. In effect, it is a continuously growing list of records, called blocks, which are linked and secured using cryptography. Each block typically contains a cryptographic hash of the previous block, a timestamp, and transaction data. By design, a blockchain is resistant to modification of the data. It is an open, distributed ledger that can record transactions between two parties efficiently and in a manner that is permanent and can be validated. It is the technology underlying bitcoin, which allows agreement among distributed nodes for the transfer of digital good, data, digital assets and crypto-currencies without the approval of a central authority.

This technology allows transactions to be anonymous, secure, peer-to-peer, and 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 transactions.

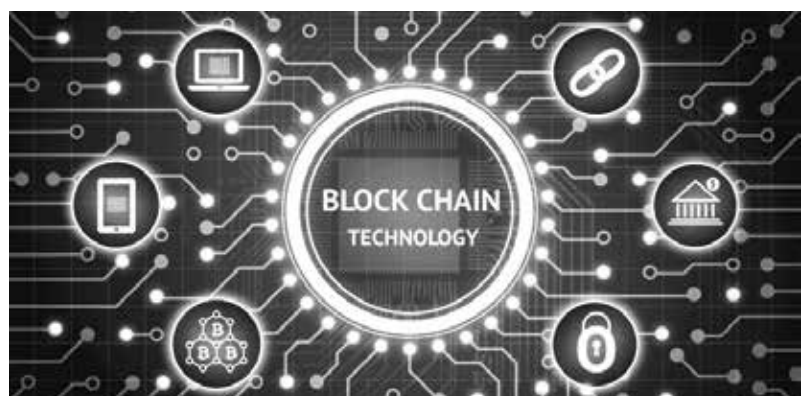
A block is the current part of the block chain that records all transaction and once completed, the block chain becomes a permanent database. Each time the block gets completed a new block is generated. Both blocks are linked to each other like a chain in chronological order.

BENEFITS OF BLOCKCHAIN TECHNOLOGY:-

- Just as in a public ledger each and every transaction is validated, and this makes it more secure and reliable.
- Transactions are authorized by (third-party) miners; thus making the transactions more credible and irrevocable.

HOW IS BLOCKCHAIN THE NEW TOOL FOR DIGITAL INDIA?

- Blockchain has the ability to ensure the delivery of public services without corruption.
- By maintaining an immutable and chronologically ordered record of all transactions blockchain creates a virtually, securely, publicly tamper proof database allowing government to track the movement of funding and making state and local actors responsible for any misappropriations.
- It not only deters corruption through accountability but also bypasses the middleman entirely thus making public distribution programs work effectively.
- With Aadhar Card becoming nearly ubiquitous in India, blockchain plays the central role in India's pursuits to digital economy - by storing individual data, making secure transactions and creating permanent records.
- Blockchain system is not only applicable in financial transactions, but is also an appropriate solution to support error free voting. In blockchain, each vote is similar to a transaction. Through the use of multiple blockchains along with public key encryption, the voting process is carried out and secured as through any financial transaction.



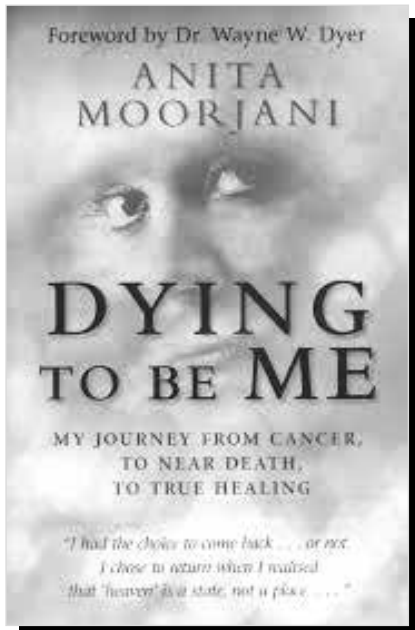
Book Review

Dying to Be Me - My Journey from Cancer, to NearDeath, to True Healing

By Anita Moorjani

- Crina Joshi

Sem. III - A



This is a wonderful and moving book! Whether or not you believe in near-death experiences, this is a truly inspirational autobiography. Anita Moorjani relates how after fighting cancer for almost four years and a near-total organ shutdown, she realized her inherent worth; and diagnosed the actual cause of her disease. Upon regaining consciousness after a near death experience, her condition improved so rapidly that she was released from the hospital within weeks . . . without a trace of cancer in her body!

In the book, she beautifully describes and recounts stories of her childhood in Hong Kong. As part of a traditional Hindu family residing in a largely Chinese and British society, she had been pushed and pulled by cultural and religious customs since she was a little girl. After years of struggling to find her own path while trying to meet everyone else's expectations, she joined the corporate world and worked there for many years. In 2002, she was suddenly diagnosed with cancer. Her fascinating story and near death experience led to the realization, that she had the power to heal herself . . . and that there are miracles possible in the Universe that she had never even imagined.

An awesome quote by the author "We just have to be ourselves and express our uniqueness fearlessly. This allows us to be an instrument of love. This brings everything that's truly ours into our life effortlessly in the most magical and unexpected ways."

Some of the interesting life lessons we draw from this book are:

- Love yourself no matter what for no reason other than because you are here - spend time connecting with your inner self.
- Approval of others is unimportant. We need to follow our own heart. Let the answers come from within.
- It is important to leave yourself open to all possibilities and be willing to suspend belief and disbelief and sit with uncertainty.
- Don't deny your feelings. Embrace them all and allow them to flow through you. Embrace your ego too. What you resist persists.
- Humour and laughter are so important. They are more healing than anything else.
- Don't take yourself and your problems too seriously.
- The after life is not better than earth. Live fully in the present moment.

When you let go of fear and love yourself unconditionally, you touch the lives of everyone around you because we are all connected.

The book does not contain profound or preachy moral lectures. Just common daily facts that we tend to forget as we get caught up in our day to day lives. She is not asking anyone to agree with her. She is simply stating what has worked for her - how she recovered from cancer, and is now leading a wonderful, fulfilling life.

I hope everyone will read and enjoy it!

IT'S IMPORTANT TO STAY SELF-CONNECTED

- Suhita Raghav
Sem. V - B

Connection....the word sounds simple! Quite simply, it means a contact, link or relationship. This connection happens with a person or a kind of community (groupies). But what if this connection becomes reflexive...directed at yourself. Self-connection is within yourself. For you. This link up with self takes you to a different level of being; and helps you in self-realization. I have been through many situations in life where I have been dependent on others for emotional support. Self-contact - knowing myself helped me to come out from such dependencies; and lowered my anger levels. There are certain actions I have taken to strengthen my connection with myself.

BELIEVE IN YOURSELF

It's absolutely essential to have will power, courage and confidence in yourself. Each one of us has our different perspective. We all have different abilities. Some are speakers, some are direct executors and some are keen observers. You should make yourself so strong that even if majority stands against you, can face them independently. So having self-confidence and faith in yourself takes a step forward to making the connection stronger.

LEARN TO SAY 'NO'

Many times we are placed in situations of conflict with our family or friends. In these circumstances,

it's important to work with mind rather than the heart; and have as little expectation from others as possible. Expectations sometimes hurt. When we work with brains that means we work intelligently and not with emotion. In short we work for our own happiness. So learn to say NO even if you know that this will bring sort of negativity and can spoil relationships. But sometimes this NO works for the betterment which will be realized not immediately, but in the long run.

THUMBS UP TO ACTUAL CONVERSATION! THUMBS DOWN TO VIRTUAL COVERSAION

Your confidence and self-confidence increases when you face off and start socializing with people face to face. It enriches your life. Long hours of text-chatting online bring only few days of short time happiness, sadness or fake connectedness. Physical presence speaks more than typed words. Actual is more direct and straightforward.

Open the doors for good things that will teach you good and make you best. Banish the evil and bad things that degrade your self-esteem and respect. No one can be an Ms/Mr. Perfect! You must first be yourself, love yourself and know who you are as a friend, as an enemy and as a person.



USING NATURAL LIGHT IN STILL LIFE PHOTOGRAPHY

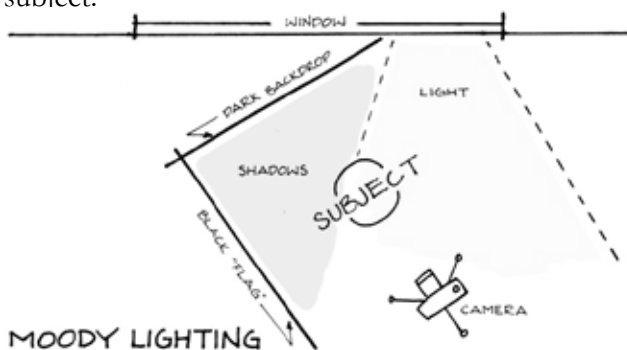
- Yash Shah
Sem. III - A

For fresh enthusiasts, the correct use of natural light is one of the more challenging aspects amateur photography. With the number of smart phones in the environment, nearly everyone qualifies to be an amateur photographer. I have compiled some tips with the help of which we can create dramatic effects through natural light for a near professional look of photographs taken by normal smart phone cameras.

DARK LIGHTING

The scene is carefully arranged to direct light onto side of the subject, while keeping the backdrop and background items in the shadows. To achieve this, we will need black boards and tape - if you need to block off part of the light coming in from the window.

For backdrop, we use a black board, although the texture of it can't be seen because we cannot allow enough light back there to showcase it at all. If you want an even starker contrast to highlight your subject, you might try a black floor drop, such as a black chalkboard, dark stained wood, or a dark baking sheet. Arrange the setup as shown in the diagram below, propping up your backdrop and black flag with heavy items found in your home, such as buckets. The black flag we use can be any dark object, like a black piece of boards, a board covered in black fabric, or an actual collapsible black flag meant for use in photography. It's important that whatever we use for this is not reflective because we want it to absorb light, not bounce it back to the subject.

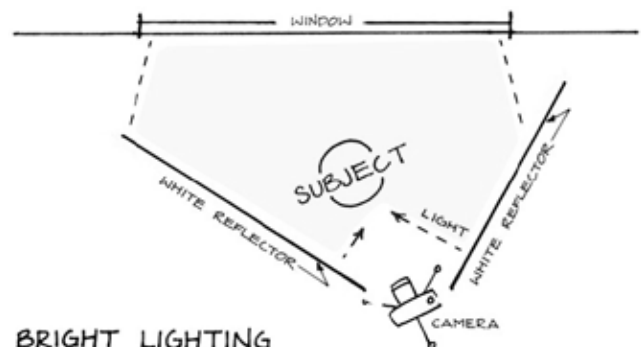


The objective in our setup should be to control the light. Make sure the background is left in the shadows and that your subject is just barely within the flood of light from the window. Extra contrast can be created by holding a black flag to block light from hitting the foreground of the floor drop in front of the subject.

BRIGHT & ETHEREAL LIGHTING

Bright and airy styling is a bit of a trend in product and food photography. The use of white natural light and few accessories gives a very crisp and refreshing feel to an image. This style of photography is a common for food photographers, but works particularly well with summery recipes.

We can create texture with a white floor drop by adding other white elements, like layered table linens, crumpled white paper, lace, or anything else you can imagine. Just make sure your floor drop is predominantly white in order to get the most light in your image.



Arrange your setup as shown in the picture, with your subject in front of the window, tilted slightly to help the light come in at an angle, rather than directly behind the subject. Use white foam board or reflectors to bounce the light from the window back onto the front of the subject. Without the reflectors, your subject will become lost in the blow-out of light coming in from the window.

Larger reflectors will give you the best diffused light in the front of your subject, but for close-

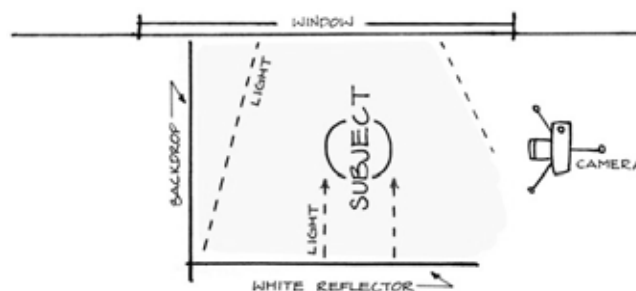
up shots, holding up pieces of white card stock might be enough to properly light the front of your subject.

EVEN LIGHTING

Even lighting is a good place to start when trying to achieve consistent, quality images. It's about as middle-of-the-road as you can get, giving you flexibility with backdrops, colors, and styling accessories. I consider this style of lighting conventional, but that's not a bad thing!

To get a natural looking, evenly lit image, we want the white reflector to be positioned directly parallel to our window, as close to your subject as we can get, without the reflector intruding in our image. This will bounce the light from the window so that you get light on both sides of the subject, with the light from the window being a bit stronger than the light bounced from the reflector. This will give us soft shadows on the reflector side of the image.

To further even out the lighting, we can use a white backdrop to reflect light to the back of the



EVEN LIGHTING

subject. This isn't necessary. You can leave off the backdrop if you want to show your home in the image, or choose a medium-tone backdrop with some texture to it, such as a board tightly covered in fabric, or even wallpaper. The further the backdrop is from our object, the lesser shadows we will have on it. You can also tilt the backdrop so that the top of it leans backwards a bit, helping reduce shadows by reflecting light upward as well as forward.

Finally, whatever your photography goals might be, one thing is universal: the more you practice, the better you become. For more on the topic you can go to a website named abeautifulmess.com.



आरोग्य मंत्र

रुपाली जाधव
प्रोफेसर

उर्वी आसोलकर
सेमेस्टर V ए

‘तंत्रज्ञान’ हा आजच्या युगाचा गुरुमंत्र आहे. सारे जग या तंत्रज्ञामुळे जवळ येत आहे. तंत्रज्ञान एक महत्त्वपूर्व आविष्कार म्हणजे आपला भ्रमणध्वनी अर्थात मोबाईल. मोबाईल हा संपर्कक्षेत्राच्या साधनांमधील एक चमत्कार आहे. त्याची व्याप्ती आता केवळ संपर्कापुरती मर्यादित राहिली नसून तो आता प्रतिसंगणकाचे रूप धारण करत आहे.

‘मूर्ती लहान पण कीर्ती महान’ ही उक्ती मोबाईलला बरोबर लागू पडते. बाजारातील कंपन्यांमध्ये असलेल्या स्पर्धेमुळे आपल्याला हव्या त्या बजेटमध्ये, आपल्याला हव्या असणा-या सुविधा असलेला फोन घेणे आता सर्वसामान्यांना सहज शक्य होत आहे.

संगणक वापरून आपण जी काही कामे करत होतो ती सर्व आता मोबाईलद्वारे करणे शक्य होत आहे. मोबाईल तंत्रज्ञान आपल्याला वेगवेगळी ‘अॅप्स’ फ्री किंवा सशुल्क उपलब्ध करून देते. त्याचा वापर बँकिंग, खरेदी, तिकीट बुकींग (वाहतूक + मनोरंजन) टाईमटेबल, फोटो काढणे, रेडिओ, मनोरंजन, खेळ अशा नानाविध गोष्टींसाठी करता येतो.

आजकालची तरुण पिढी ही टेन्कोसॅव्ही आहे. वेळेचा अभाव, पैशाची उपलब्धता यामुळे ऑनलाईन सर्व गोष्टी करण्याकडे तरुण पिढीचा कल आहे.

वैद्यकीय विषयाशी निगडित जी अॅप्स आहेत त्याचा वापर दिवसेंदिवस वाढत चालला आहे. असे सर्वेक्षणाद्वारे दिसून येते आहे.

या घडीला ५०,००० वैद्यकीय अॅप्स बाजारात उपलब्ध आहेत आणि जवळजवळ ५० कोटी लोक त्याचा वापर करत आहेत.

वैद्यकीय विषयातील सर्वात जास्त वापरली जाणारी अॅप्स ही आहार, लठ्ठपणा, लठ्ठपणा कमी करणारे विविध प्रकारचे आहार, वेगवेगळ्या अन्नघटकांतून मिळणा-या कॅलरीज, विविध प्रकारचे व्यायाम प्रकार त्यातून जळणा-या कॅलरी, त्याचे फायदे/तोटे याविषयी मार्गदर्शन करणारी आहेत. काही अॅप्स ही मधुमेह रक्तदाब मोजणारी आहेत. फक्त बोट स्क्रीनवर ठेवा आणि तुमचे बीपी किंवा मधुमेह किती आहे ते जाणून घ्या.

मुंबईतील प्रसिद्ध मधुमेहतज्ज्ञ डॉ. प्रदीप गाडगे यांनी याबद्दल तीव्र चिंता व्यक्त केली आहे. प्रत्यक्षात डॉक्टरकडे जाऊन प्रयोगशाळेत केलेल्या परीक्षा आणि मोबाईलवरील रीडिंग यात फारच तफावत असते असे आढळून आले आहे.

आजकालच्या फास्ट फूडच्या जमान्यात ‘पी हळद नि हो गोरी’ वृत्ती जनमानसात वाढत आहे. लोकांनी समजून घेतले पाहिजे की प्रत्येकाची शरीररचना, चयापचय, अनुवंशिकता, आरोग्य, अन्नघटक, जेवणाखाण्याच्या सवयी, राहणीमान भोवतालचे पर्यावरण हे भिन्न असते. प्रत्येक माणूस हा वेगळा असतो.

उपलब्ध असलेल्या अनेक अॅप्सवरील घटकांचा विचार न करता लोकांना त्यांचे आरोग्य, आहार दिनचर्या, व्यायाम याविषयी चुकीचे मार्गदर्शन करून दिशाभूल करणारी असतात.

विशेषतः वजन कमी कसे करावे, याविषयीचे विविध अॅप्स वापरून व्यक्ती स्वतःची दिशाभूल करून घेत आहेत, असे मोठ्या प्रमाणावर आढळून येत आहे. हीच बाब मधुमेह, रक्तदाब या विषयांवर माहिती देण्याच्या अॅप्सना सुद्धा लागू आहे. दिल्लीतील



मधुमेहतज्ज सुधीरकुमार यांनी या अॅप्सची वाढती लोकप्रियता आणि त्यांनी दिलेली हमी याबद्दल साशंकता व्यक्त केली आहे.

काही लोक आपली लक्षणे रोगाचे निदान करणा-या अॅप्सवर टाकून आपल्याला कोणता आजार किंवा रोग झाला आहे हे स्वतःच ठरवतात आणि मनःस्ताप करून घेतात.

प्रत्यक्षात डॉक्टरकडे गेल्यावर यातला कोणताही आजार किंवा रोग त्यांना झालेला नाही असे दिसून येते. काही लोक औषधांची माहिती देणा-या अॅप्सचा वापर करून स्वतःच कोणती औषधे घ्यायची हे ठरवतात.

ही जी काही विविध अॅप्स उपलब्ध आहेत ती काही कोणी प्रमाणित केलेली नसतात. त्यांच्या सत्यतेबद्दल आपण कशी माहिती मिळवणार, कशी खात्री करून घेणार हाही एक अनुत्तरित प्रश्नच आहे. ब-याचशा

अॅप्सचे मूळ हे परदेशी आहे. ती त्यांच्या राहणीमानावर आधारित असतात.

इंटरनेटच्या माध्यमातून जगाच्या पाठीवर कुठेही असलो तरी हवी ती माहिती आपल्याला बोंटावर चुटकीसरशी मिळवता येते. पण माहितीचा योग्य वापर करण्यासाठी सुद्धा कौशल्य आणि योग्य मार्गदर्शनाची गरज असते. याचा आपल्याला विसर पडता कामा नये.

वेळ नाही म्हणून आपण सगळ्याच गोष्टींसाठी (विशेषतः आरोग्य) अॅप्सच्या मृगजळामागे धावणारा असू तर त्याचे दूरगामी गंभीर परिणाम हे आपल्याला भोगावेच लागतील.

मोबाईल अॅप्सच्या 'फॅड'ला वेळीच आळा घातला नाही, तर मोबाईल कंपन्यांचा नफा फक्त वाढेल आणि ग्राहकांच्या पदरी मात्र निराशाच येईल.

लढ रे मना हिम्मत तु साठवून

संकेत धूमल
सेमिस्टर V ए

नको मागे फिरू तु आशी पाठ दाखवून
लढ रे मना हिम्मत तु साठवून
जाईल हे ही वादळ थोडा वेळ घोंघावून
तगायचय तुला आपल्यांना आठवून
लक्ष्यात ठेव प्रत्येक वादळाला शेवट हा असेलच
घाबरला आहेस तरी निट बघ मार्ग तुला दिसेलच
नको मागे फिरू तु आशी पाठ दाखवून
लढ रे मना हिम्मत तु साठवून
माहित आहे दुबळा आहेस तु टिकायला
काहीच नाही आहे तुझ्याकडे लढायला
तरी ही ललकाऱ्या देत रहा ओरडून ओरडून
नको मागे फिरू तु आशी पाठ दाखवून
लढ रे मना हिम्मत तु साठवून
लक्ष्यात ठेव वादळच खुप काहि शिकवितात
प्रत्येक वेळी ते तुमच आयुष्यच बदलवितात
उपयोग कर त्यांचा स्वताला तपासायला
काय आहोत आपण? आणि काय होवू शकतो हे जानायला
नको हाथ पाय गाळू रूप त्याचे पाहून
स्वार हो त्यावर लढायचे ठरवून
नको मागे फिरू तु अशी पाठ दाखवून
लढ रे मना हिम्मत तु साठवून



EYES

- Karan Mehta
Sem. V - A



*I did know that time flies,
But when I looked into her eyes,
They told me a few lies.*

*Her smile may be dangerously beautiful to kill,
but her eyes were the real weapon which couldn't heal*

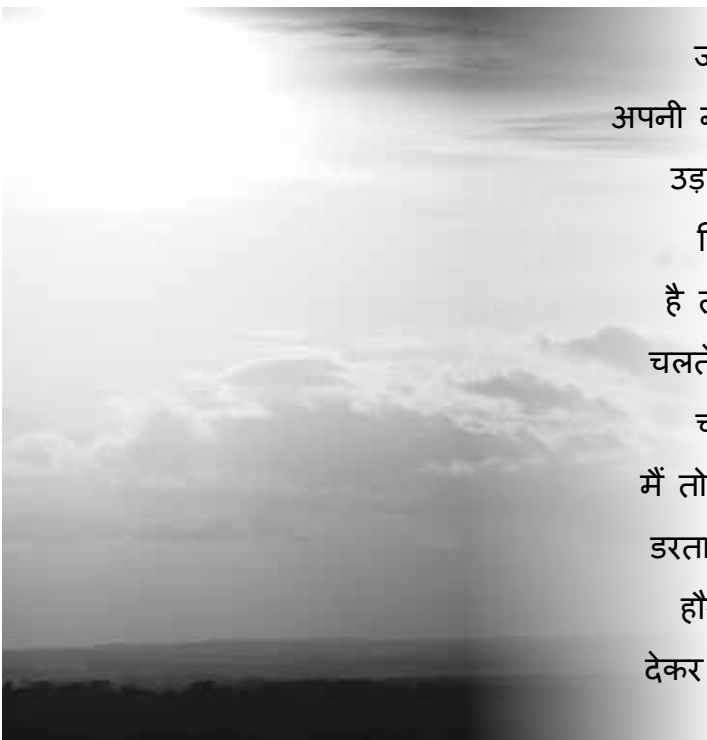
*People say that world is beautiful to see through an eye,
but her eyes were a mirror of the most beautiful soul for whom I could die*

*She was always there to cheer,
But she never expected me to wipe her invisible tears,
This is what left me with all fears*

*It wasn't so wise to keep looking in her eyes,
Because Now the only thing left are my cries.*

नई आगाज

- कुमार, सेमेस्टर V - बी



जो जागा अंधेरो में उजाला उसीने पाया है।
अपनी नाकामायबियों को भी, जो अपने काम लाया है॥
उड़ जा आसमाँ बादलों की औट से घूँघट उठा।
छिप गया जो सीप में मोती उसे ढूँढ ला।।
है तमन्ना अगर बड़ी तो सांज को सूरज दिखा।
चलते हुए जो रोक ले उस भीड़ से खुद को बचा॥
चोंटे देखे के लहरे भी देती है चट्टानें हिला।
में तो एक उम्मीद हूँ तू मुझे रोशन कर के दिखा॥
डरता अगर इंसान तो कैसे चाँद तक वह पहुँचता।
हौसले की आग को लगने ना देना तु धुंआ॥
देकर हवा उस आग को। अंधेरो को रोशनी दिखा॥

First Flight

- Abhay M Singh
Sem. III - B

One fine morning when I got up from my nest,
A pair of robins I saw building a nest.
With cotton and string and bits of hay,
What a flurry of activity all through the day !

Twisting and turning they shaped up their heaven,
Days it took them were all of eleven.
From the three eggs laid, hatched just once,
We watched the chick grow, nourished by sun.

Soon it was strong enough to hop out the nest,
Flapping its wings, the mother put it to test.
Heart in my mouth I watched as it took,
Its first faltering steps out of the nook.

Eager and excited it drank in the sight,
A whole new world beckoned shinning and bright.
But still the little one was unwilling to leave,
The bond it had forged seemed difficult to cleave.

Again and again the mother pushed it to try,
And finally one day it was soaring up high.
I watched it till it was out of my sight,
Reaching for the heavens on its very first flight.

Now I look up at the sky as I stand at my door,
Hoping that my feathered friends visit me once more.



The Drummer Boy

- Dhiraj Singh, Meera Yadav
Sem. V - B

*My mind ran dry today,
I sparkled it with love
And where just now
one-Sided ways
Resided in a glove,
I sparkled it with love of yours,
What cut free was my heart.*

*And now they beat,
The both of them,
Just like a drummer boy;
The rhythm's dearest friend,
In harmony-with passion so,
Again, again, again.*

*When hearts turn weak
And minds get stuck,
Look for a helping hand,
it may be the softest touch
At first
It sings benevolence
if there's the slightest chance
To flourish back through aching gaps,
The second song's to end.*



- Prajakta Hegde
Sem. V - A

ज़िंदगी कुछ बता रही थी

- आकाश यादव, सेमेस्टर V - बी

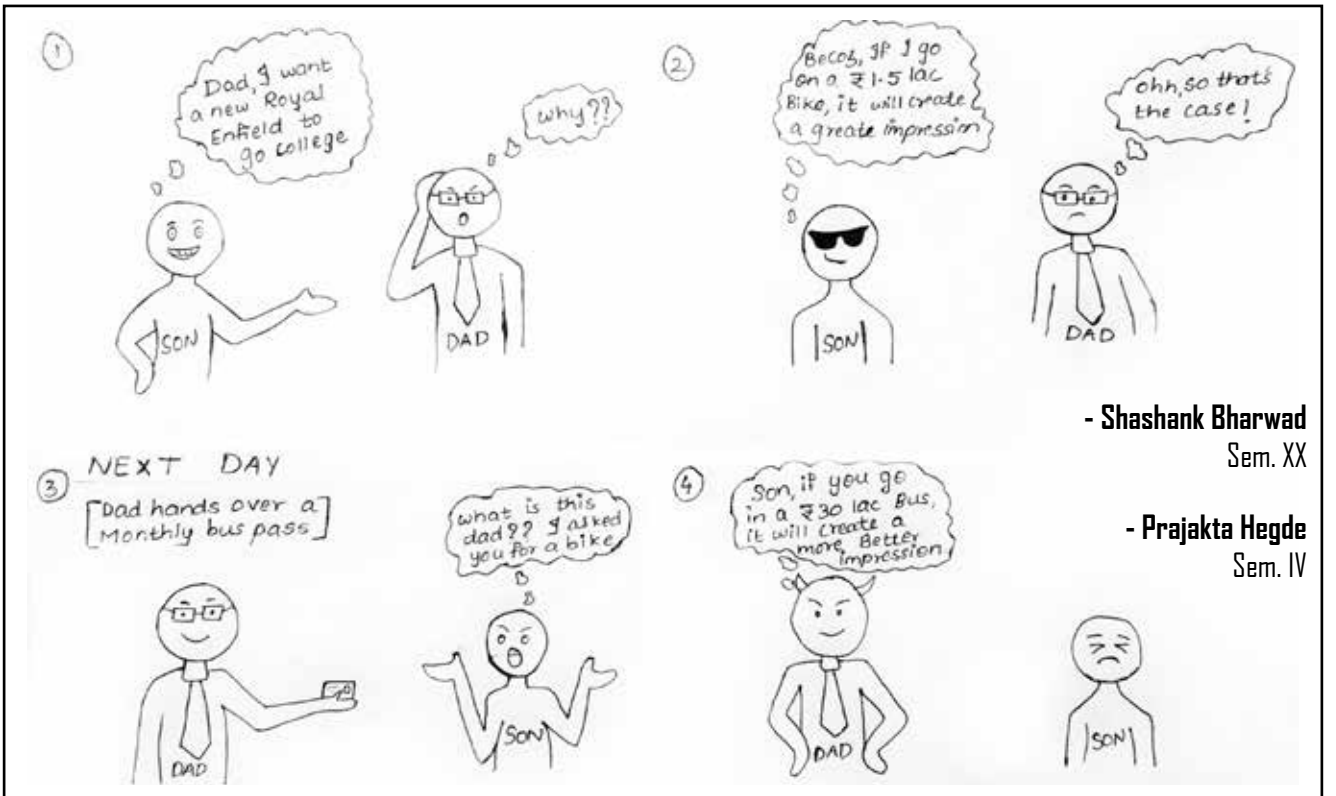
ज़िन्दगी कुछ बता रही थी, शायद जीना सीखा रही थी,
हसते हसते चलना कैसा,
गिर के संभलना कैसा,
ये अपने और परायों में फर्क बता रही थी,
ज़िन्दगी कुछ बता रही थी, शायद जीना सीखा रही थी।

कई दिनो अकेले रहा हूँ,
रात भर जागा और दिन भर सोया हूँ
ये हर रास्तों पे मेरे रोड़े बिछा रही थी,
शायद उन रोड़ों पे मुझे चलना सीखा रही थी,
ज़िन्दगी कुछ बता रही थी, शायद जीना सीखा रही थी.



यूँ तो कहने को यार बहुत हैं,
यूँ तो देने वाले प्यार बहुत हैं,
फिर ना जाने क्यूँ इस भीड़ में मुझे अकेला बता रही थी
शायद वो इस अकेलेपन से लड़ना सीखा रही थी
ज़िन्दगी कुछ बता रही थी, शायद जीना सीखा रही थी.

कई बार लोगो के ताने सुने हैं,
हर तनो से अपने लिए साहस बुने हैं
जब भी थक हार के मेरी आँखें भर आती थी,
वो फिर आगे बढ़ने की उम्मीद जगाती थी
ज़िंदगी मुझे ज़िंदगी से लड़ना सीखा रही थी,
ज़िन्दगी मुझे हर टूटे हुए ख्वाब से आगे बढ़ना सीखा रही थी.



ख्वाब

- अंकित केसरवानी, सेमेस्टर V - ए

तू किसी कहानी के किताब की तरह है
उसके हर पन्ने पर लिखे एक ख्वाब की तरह है
तुझे जितना पढ़ा उतना ही खुद को खोता जाऊं
तुझे जितना समझा उतना ही तेरा होता जाऊं
हर पंक्ति में छिपे तेरे कई नए राज हैं
हर शब्द कहते हैं तुझ पे बीती अनकही हालात
बस एक है अरमान यह सिलसिला तेरी कहानी का युही चलता रहे
बहुत आये होंगे तुझे पढ़ने और आगे भी आएंगे
पर मुझसा तुझे कौन समझेगा खुद से परे
ना खत्म हो यह पन्ने और उनमें छुपे हुए तेरे ख्वाब
मुझे कुछ नहीं चाह तुझसे
यह तेरी ही कहानी है और तेरी ही रहेगी।



समय

- योगेश दुबे, सेमेस्टर III - ए

अपनी खुशबु फैलाने को
फूल समय पर खिलते हैं।
सकेत समय का मिलता है जब
वृक्ष तभी तो फलते हैं।
प्रभु की इच्छा से ही सब कुछ
समय पर होता है
भाग्य से ज्यादा, समय से पहले
कभी न कुछ भी मिलता है।
कर्म करना समय के साथ
जीवन में फल मिलता है।



Literary Time Pass

- Omkar Sawant
Sem. V - B

Word Search

l	b	r	o	c	h	u	r	e	v	m	p	y	c	c
u	r	e	c	e	p	t	i	o	n	x	n	g	l	u
g	m	u	s	e	u	m	l	k	n	f	n	c	f	l
g	u	i	a	j	k	m	i	u	h	i	j	b	y	t
a	c	q	o	i	s	o	j	c	e	g	q	o	v	u
g	a	m	m	g	z	n	a	e	y	u	e	o	l	r
e	n	c	l	e	g	o	s	t	n	i	l	k	r	e
i	c	s	q	b	c	t	m	z	c	d	a	u	g	t
h	e	p	z	a	h	f	k	h	w	e	o	t	e	r
n	l	x	h	g	e	z	o	t	t	t	s	o	v	i
n	k	n	i	d	j	j	r	t	u	q	c	u	k	p
g	y	s	p	q	b	p	r	y	d	o	v	r	o	h
s	u	n	b	a	t	h	e	v	g	f	u	i	k	t
m	o	b	o	u	r	a	y	k	v	h	d	s	b	h
p	x	h	b	g	s	p	e	f	v	f	i	t	m	h

Find the given words:

museum

book

sightseeing

tour

coach

Trip

luggage

brochure

reception

fit

cancel

sunbathe

culture

guide

Solution on Page No.48

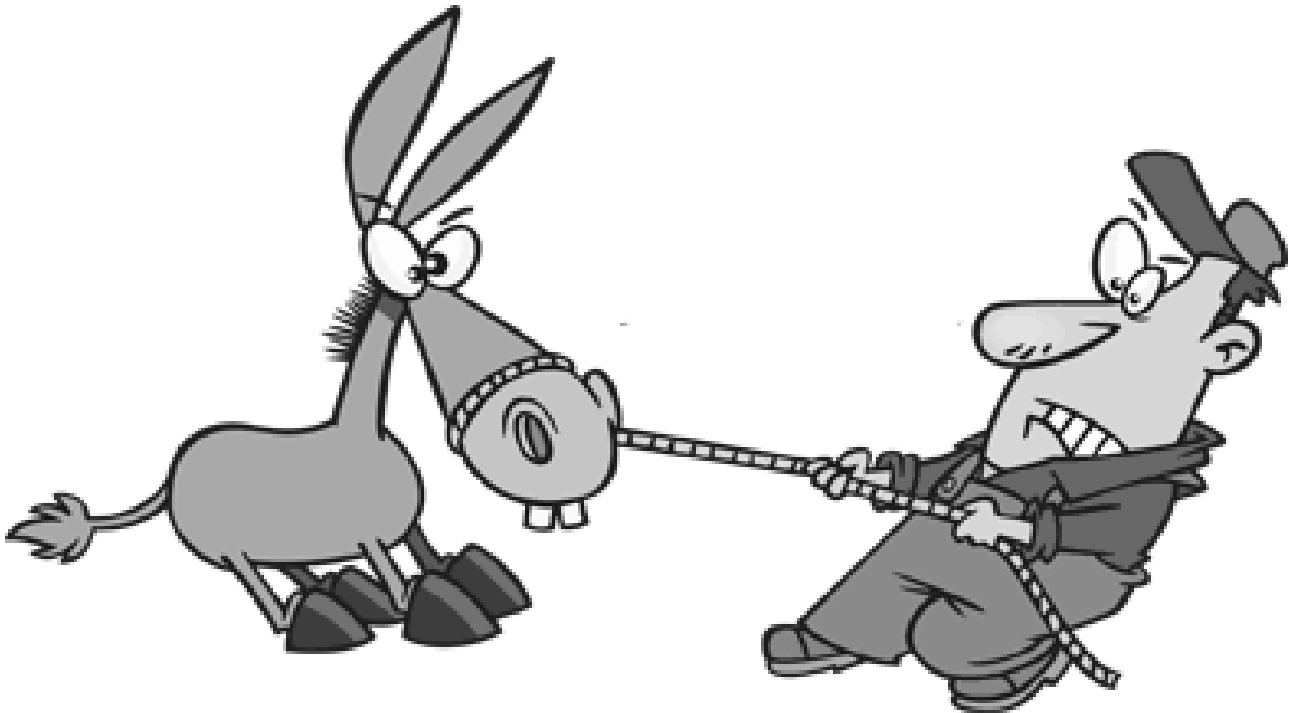
जिद्दी

- मत्स्येन्द्र मिश्रा,
सेमेस्टर V - ए

चल अब तू जिद्दी बन की बना अगर तू विजयता.
उंचाईयों को तू ज़रूर छुएगा
पर किसी मोड़ पे कठिनाई आने पर तेरी हिम्मत टूटेगी
और क्या पता इस कठिनाई से तू उबर न पाये
फिर से तू ऊंचाइयां छू न पाए
इसलिए कहता हूँ कि चल अब तू जिद्दी बन

बना अगर तू असफल, हमेशा तू हारेगा
अपने आकांशाओं को तू खुद ही एक-एक कर के मारेगा
असफलता तेरे अस्तित्व को शोभा नहीं देती
प्रकृति भी इस कर्म को श्रेष्ठ नहीं कहती
इसलिए कहता हूँ कि चल अब तू जिद्दी बन

की बना अगर तू जिद्दी कठिनार्यों से तू न घबरायेगा
तू उनसे जूझेगा और परास्त कर पाएगा
क्योंकि जूझना ही श्रेष्ठ कर्म है
और अपराजित रहते हैं वाही जिनकी इच्छाशक्ती अटल है
इसलिए कहता हूँ कि चल अब तू जिद्दी बन।



स्वरचित दोहे

- ट्विंकल सिंह,
सेमेस्टर III - बी



हिंदी केवल भाषा नहीं, मानवता का सन्देश है।
साधु, पादरी और मौलवी, साथ चले दरवेश हैं॥

ललित लसित लावण्य मय, अस चाहे सब कोय।
या भाषा हैं प्यार की, सिखन चाहे सब कोय॥

सुन्दर शिक्षा के लिए, करो सरणि तैयार।
नियमित पालन कर सदा, बनो वीर होशियार॥

सूर्योदय से पहले उठो, पियो पेट भर नीर।
स्वास्थ्य सदा सक्षम रहे, कभी न उठै पीर॥

हर क्षण सब बदलत हैं, बदलत हैं संसार।
या बदलाव मा ढल गए, वाकी नैया पार॥

आत्मोसर्ग अरु त्याग से, भरी हुई हो देह।
परसुख जिसका लक्ष्य हो, हृदय भरा हो नेह॥

कृषि हमारी संस्कृति, हिंदी सबकी आन।
 ज्ञान हमारी परंपरा, छान सको तो छान॥
 अब के नेता अस बने, जिनको लक्ष्य न ज्ञात।
 निसि दिन ठगते देश को, करे हवा में बात॥

नेता ऐसा चाहिए, जिसे नेतृत्व की चाह।
हँसते शली पर चढ़े, दे के सबको राह॥

वाणी पर संयम करो, बोलो सोंच विचार।
वाणी से ही मिलत हैं, इज्जत थप्पड़ चार॥

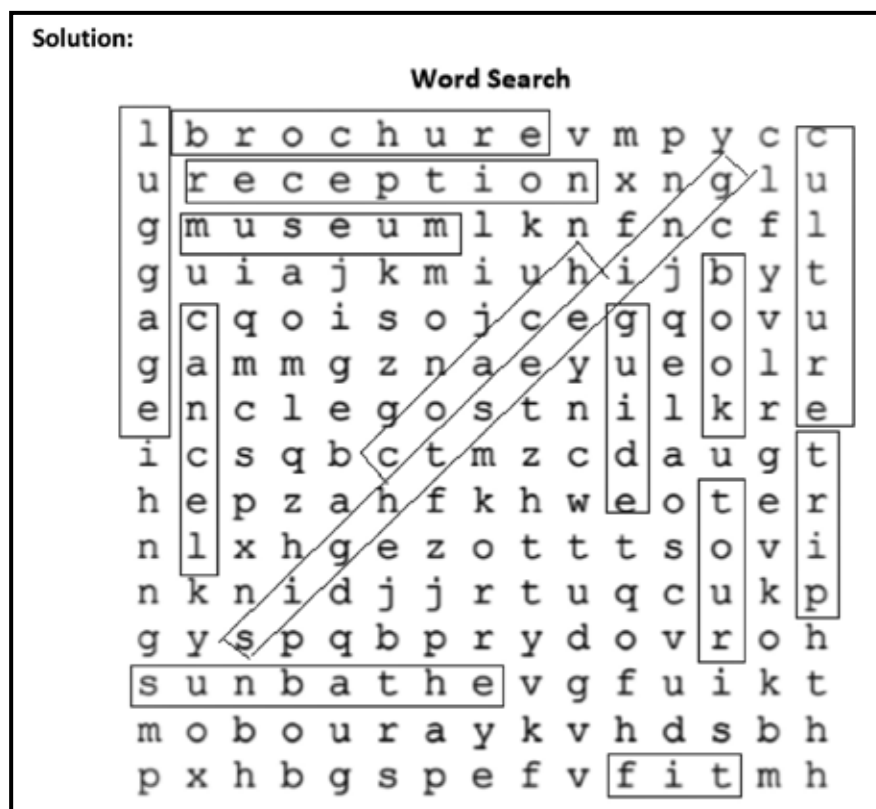


TAGLINE QUIZ

1. Where Do You Want to Go Today?; Your Potential Our Passion
2. Do More With Less
3. Invent; Everything Is Possible
4. High Performance Delivered
5. On Demand
6. Beyond The Obvious
7. Powered By Intellect, Driven By Values
8. Applying Thoughts
9. Where Informative Lives
10. What The Web Can Be
11. Think Different
12. People Matter ,Results Count
13. Welcome To The Human Network
14. We Change More
15. Possibilities Are Infinite
16. A Positive A++itude
17. E-volving Solutions
18. Has It Changed your Life Yet?
19. Freedom Based On Trust
20. We Bring Good Things To Life

1. Microsoft	11. Apple Macintosh	20. General Electric
2. Windows XP	12. Capgemini	19. HCL Technologies
3. HP	13. Cisco System India	18. Compaq
4. Accenture	14. Deloitte	17. Cybage
5. IBM	15. Fujitsu	16. Essar corp
6. TCS	16. EMC	
	17. Wipro	
	18. Infosys	

WORD SEARCH ANSWER





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