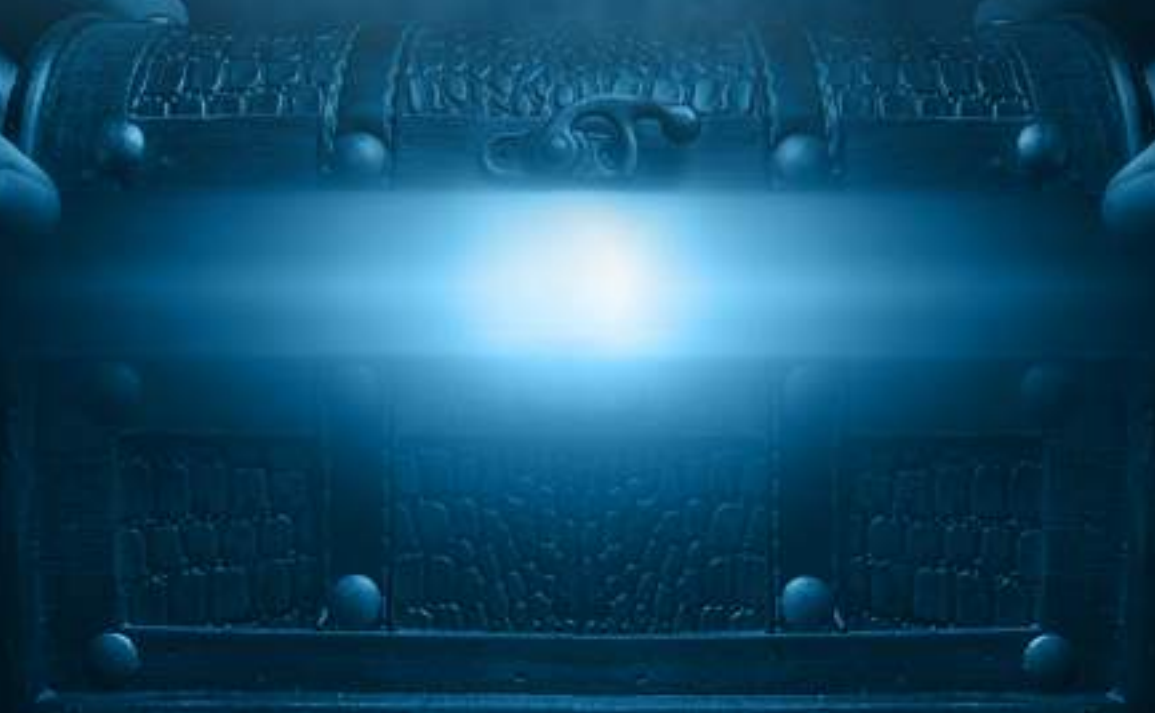


Pandora's Box

a flicker of Hope



Every year has its highlights, something to remember something to cherish. But, 2020 has scared each one of us with something different. This year contained so many world-changing, paradigm-shifting developments that it's getting hard to believe we're not in a simulation that's running every possible scenario at once. Separation, loss, death, sadness all emotions collected, the year consumed the motivation to endeavor.

In those hard times, the only thing keeping us alive and content was the hope of a better tomorrow. These are turbulent times. These are stormy times for people and organizations all over the world. Our brains come programmed with a negativity inclination; piped to look for what is not as we would like and dwell on might only get worse.

It's all too easy to succumb to the doomsday foretells of the atheists in our midst.

But just because we can find an abundance of reasons to forgo hope and justify gloom, doesn't mean we should.

Hope is not cultivated alone. There is a billion-dollar self-care industry built around the idea that you are in charge of your emotions, and you need to only take care of your needs, your exhaustion, your burnout, to revive your most hopeful self.

It is a compelling story, made convincing by an overwhelming concept that encourages self as individualized and atomized from others.

We all may be alone but, not lonely to enjoy this pause with ourselves.

This year's theme Pandora's Box: The flicker of hope, is dedicated to the retaining hope that the sun will shine again - that the future ahead is one to look forward to, to see the light in the bleak darkness.

Vidya Lad,
T.Y.B.Tech
IT

Magazine Cover Page Competition



Umesh Sashikant



Ranadeep Dey



Yash Bansod



Esha Sul



Our Legacy



'AjaanVriksha' is the official cultural magazine of MITAOE. Since its inaugural year it has been the face of the institution. The magazine has always been at the forefront of glory and has maintained its dignity throughout these year. When the little creative minds are pricked and praised, these erupt like a volcano where from flows the creative wonders. Ajaanvriksha is a wonderful platform for young potential ones to showcase their talent and express themselves into a conglomeration. A team of creative individuals whose diligent efforts make sure that the legacy continues beyond time. The magazine performs extraordinarily good every year because of the devotion, team spirit and the hard work. Some of the achievements which have defined the work of this team are:

- Won second prize in the best magazine competition by SPPU in 2015-16
- Stood first at the Pratibha Sangam (A state-level literary competition)
- Honored with the best professional college magazine award by SPPU in 2016-17, the theme being 'BROKEN CASTLE'.
- Honored with the best professional college magazine award by SPPU in 2017-18, the theme being 'RISING FROM THE ASHES'.



AjaanVriksha is the official college magazine of MIT Academy of Engineering. Established in 2014, we give an inventive stage for the understudies of this college to show themselves as well as voice their opinions. While distributing articles in Hindi, English, Marathi we too have an extraordinary section for Art and Photography as well. Our title comes from the heavenly tree beneath which Sant Dnyaneshwar walked into the state of contemplation to join together with the divine until the end of time. As a magazine group we promote events happening in our college as well as keep everyone overhauled about the accomplishments of teachers and students alike. We have distributed 6 editions till presently with each one having a different theme. AjaanVriksha incorporates an assorted readership in the specialized as well as a non-technical fraternity. We are an energetic group of understudies who have a particular reason, to legitimately and beautifully document the occasions of our college so that anyone who sees them afterward remembers the minutes through the magazine.

We esteem our group values like leadership, solidarity, freedom, differences amongst our individuals, and energize them to pass on the same to long term students. The foremost important and interesting thing about the AjaanVriksha group is the bond among the individuals of the group, which feels nothing less than an enormous Indian joint family living under the roof of the institution. Individuals do have a certain degree of freedom in their work towards the magazine. The magazine performs so extraordinarily great each year since of the spirit of the group and the difficult work that it's individuals do.

As it were some individuals can visualize the invisible and change their dreams into reality. Their commitment and assurance are the driving force of their extreme victory in spite of several problems & faltering squares. Dr Vishwanath Karad may be a living illustration of the same. Dr. Vishwanath Karad is favored with a tall degree of tolerance, resilience & understanding. His positive attitude, pleasant and cheerful personality suggests that he may be

a man of integrity and intelligence. His hardships and struggles during his childhood have all contributed to improve his encounter almost life and spirituality which is very apparent in his outlook and identity. Prof. Karad's inclination towards profound sense of being, education, social welfare and world peace indicates the purity and piousness of his heart and moreover proposes that he could be a man with a mission to bring approximately a positive change in our society. The wide range of his contribution towards instruction, world peace and most profound sense of being are the testimony to his devoted and magnanimous life. His childhood encounter was an eye opener that empowered him to understand the critical issues confronted by the people living in.

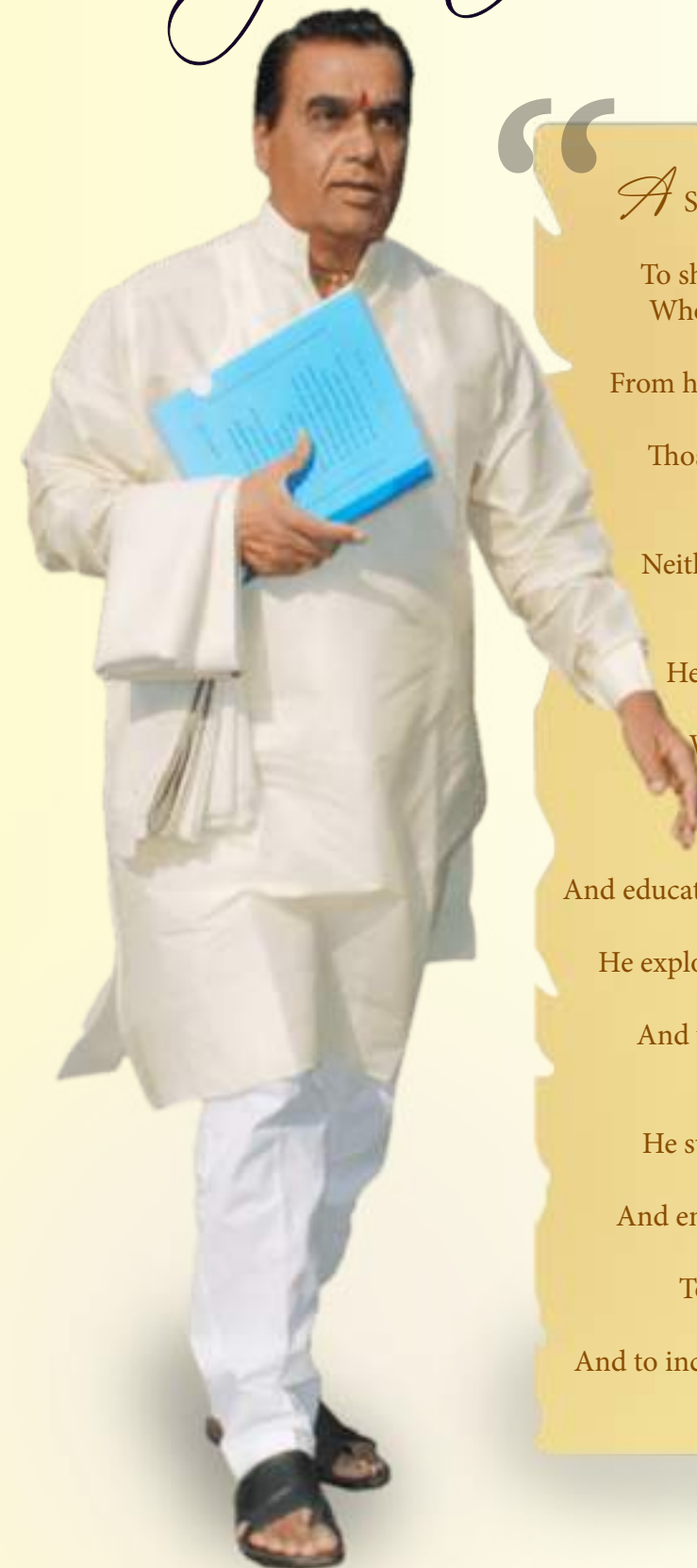
Dr. Vishwanath Karad realized that in the event that the state of Maharashtra had to progress and keep up its leadership in the nation and empower exchange & commerce, it was fundamental to produce at slightest 2000 engineers each year. Only a modest bunch of government engineering colleges existed and thus many deserving and trying students were deprived of engineering education. Those few colleges were not able to cater to the need for the desired number of skilled human resources. Prof. Karad realized that the only way to unravel this genuine problem was to privatize specialized instruction.

This drove Prof. Karad to set up the Maharashtra Foundation of Engineering & Educational Research (MAEER) a belief dedicated to give high quality education to the trying youth of the state. The first engineering institute was set up beneath MAEER's Maharashtra Institute of Innovation (MIT) in 1983. MIT Pune was one of the first few private engineering colleges within the state. This became the springboard to set up a few other educational institutes under MAEER. With the foundation of MIT Pune, Prof. Karad too felt that education in all circles of scholastic disciplines was essential so that the youth may seek a career of their choice and interest. Dr. Vishwanath Karad established numerous other institutions under MAEER to promote academic diversity and to provide educational facilities right from KG to PG and till PhD in almost. Each fundamental scholarly discipline. Today, the MIT Group of Educate is recognized as one of the most prestigious scholarly bunches within the nation imparting quality education right from primary level to the professional courses in Engineering, Medical, Pharmacy, Information Technology, Telecom Management and numerous more areas. The exponential development of the MIT bunch in such a brief span is due to the ceaseless difficult work and commitment of Prof. Karad who has committed all his life to the field of education.





Our Inspiration



“

A Star in the dark sky glittered with might

To show a path to that tender boy in sight
Who walked through the darkest woods

From his home to school, in the agonizing floods

Those days in the darkness and agony only
inspired him

Neither he deterred nor daunted by those
circumstances grim

He kept on marching towards the sunshine

With his vision to touch the steep Alpine

Harmony and peace was the vision

And education for all and all for education, his mission

He explored and followed the path of spirituality

And worked for the social upliftment with
utmost humility

He strove for communal and global unity

And empowered the youth and their integrity

To illumine the future of his nation

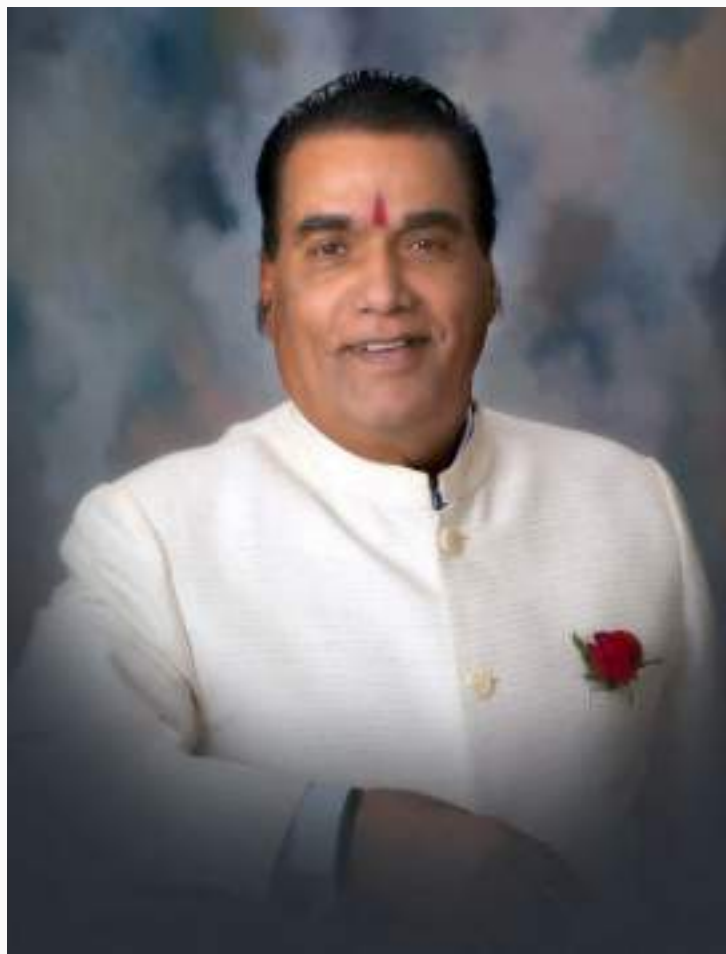
And to inculcate the sense of fraternity in this divine
creation

By Amit C. Hiray

Only a few people can visualize the invisible and transform their dreams into reality. Their commitment and determination is the driving force of their ultimate success in spite of several problems & stumbling blocks. Dr Vishwanath Karad is a living example of the same.

Dr. Vishwanath Karad is blessed with a high degree of patience, tolerance & understanding. His positive attitude, pleasant and cheerful personality suggests that he is a man of integrity and wisdom. His hardships and struggles during his childhood have all contributed to enrich his experience about life and spirituality which are quite evident in his outlook and personality. Prof. Karad's inclination towards spirituality, education, social welfare and world peace indicates the purity and piousness of his heart suggests that he is a man with a mission to bring about a positive change in our society. The wide spectrum of his contribution towards education, world peace and spirituality are the testimony to his dedicated and selfless life. His childhood experience was an eye opener that enabled him to understand the critical problems faced by the people living in. Dr. Vishwanath Karad realized that if the state of Maharashtra had to progress and maintain its leadership in the country and encourage trade & commerce, it was necessary to produce at least 2000 engineers each year. Only a handful of government engineering colleges existed and therefore many deserving and aspiring students were deprived of engineering education. Those few colleges were not able to cater to the need for the required number of skilled human resource. Prof. Karad realized that the only way to solve this serious problem was to privatize technical education.

This led Prof. Karad to establish the Maharashtra Academy of Engineering & Educational Research (MAEER) a trust dedicated to impart high quality education to the aspiring youth of the state. The first engineering institute set up under MAEER's Maharashtra Institute of Technology (MIT) in 1983. MIT Pune was one of the first few private engineering colleges in the state. This became the springboard to establish several other educational institutes under MAEER.



With the establishment of MIT Pune, Prof. Karad also felt that education in all spheres of academic disciplines was essential so that the youth could pursue a career of their choice and interest. Dr. Vishwanath Karad founded many other institutions under MAEER to promote academic diversity and to provide educational facility right from KG to PG and till PhD in almost every essential academic discipline. Today, the MIT Group of Institutions is recognized as one of the most prestigious academic groups in the country imparting quality education right from primary level to the professional courses in Engineering, Medical, Pharmacy, Information Technology, Telecom Management and many more areas. The exponential growth of the MIT group in such a short span is due to the incessant hard work and commitment of Prof. Karad who has dedicated all his life to the field of education.

Dr. Vishwanath Karad is a firm believer of Swami Vivekananda's philosophy and hence believes that the Union of science and religion will alone bring peace to humanity. By establishing a comprehensive, integrated and value-based education system, which includes meditation, yoga, voluntary social work and character building, Dr. Karad has embarked on his mission to bring about a positive attitudinal change among the teachers and students. The unique feature at the MAEER's institutions is the fact that the day begins with the world peace prayer which gives a message of peace, harmony and humanity.

Taking forward the message of Saint Dnyaneshwara and the mission of Swami Vivekananda, Prof. Karad established the World Peace Centre in 1996 to promote world peace and socio-religious harmony. Various reformative activities have been organized by the centre to contribute towards peace and social fraternity. Prof. Karad's devotion and invaluable contribution towards this noble mission earned him global acclaim.

The UNESCO, Paris honoured him with an UNESCO chair for human rights, democracy and world peace. The top UNESCO officials, who visited MAEER'S MIT Pune on 12th May, 1998, were convinced that MIT had a pluralistic outlook and a global vision complementing the UNESCO manifesto in the area of peace, human rights and democracy. The Memorandum of Understanding (MoU) was signed by Dr. Vishwanath Karad and the then Director General of UNESCO, Paris. More recently the MAEER'S MIT has received UNESCO associated school status.

Education for all and all for education has been Dr. Karad's greatest dream. He has built a huge coliseum for educating the pilgrims on spirituality, world peace and social harmony. This coliseum admeasuring size of 63'45' stands out as a monument to promote mass education in a rural area where thousands of pilgrims visit. Thus, the array of his diverse contributions let us know about the magnanimous personality of Prof. Vishwanath Karad.

This journey of Prof. Karad is incredible and gives us message that we are sincere, honest and hardworking, and we have a strong will power to achieve our goals, we can touch the sky. Along with self-development we should also try to fulfil our social responsibility and try to bring about a positive change in our own capacity. We salute you Prof. Karad sir for being the beacon and showing us the path of righteousness.



Dr. Vishwanath Karad

Founder, Executive President,
Managing Trustee MAEER, Pune, India

About MAEER

MAEER was the first step of the revolution in the education scenario of Maharashtra, the third largest state in the country, with a rich heritage, known as the land of saints and also, the one which gave great leaders to the world had yet to progressed in the field of education.

This realization embarked the journey of MAEER - in 1983 with the establishment of Maharashtra Institute of Technology (MIT), one of the first private engineering college in Maharashtra which still remains the flagship institute of the group. It is worth mentioning that in appreciation of the work carried out by MAEER's MIT, Pune under the banner of World Peace Centre in championing the cause of promoting the Value Based Universal Education System for spreading the message of peace in the society, based on the appropriate blending of science, technology and spirituality, UNESCO, Paris bestowed the World Peace Centre, MAEER's MIT, Pune, India with an UNESCO Chair for Human Rights, Democracy, Peace and Tolerance on 12th May 1998. MIT has traversed the path of rapid development in education, along with the nation, often responding positively to changed needs and at times initiating significant changes.

VISION & MISSION

To promote the "Culture of Peace" through value based "Universal Education System", with a firm belief that "Union of Science and Religion / Spirituality alone will bring peace to mankind".

To harness the knowledge of Science and Technology for the welfare of the Society.

OUR UNIVERSITIES AND FLAGSHIP INSTITUTIONS



Philosopher Saint Shri Dnyaneshwar World Peace Prayer Hall & Library

The brainchild of Prof. Dr. Vishwanath D. Karad, the Philosopher Saint Dnyaneshwara World Peace Library and World Peace Prayer Hall, at MIT campus Vishwarajbaug, Loni Kalbhor, Pune, is an epitome of architectural magnificence and is a contribution towards the knowledge Divine.

This beautiful 160 ft. diameter and 263 ft. Height Domed Structure contains 54 larger- than-life-size bronze statues of some of the greatest Saints, Scientists & Philosophers in the history of mankind, who are known to the world as Makers of World of Science, Makers of World of Literature, Makers of World of Knowledge and Wisdom, Makers of World of Religions, Makers of World of Social Reforms, and they all have given shape to the world history and civilization as it exists today. It is presently known to be 'World's Largest Dome' and rests only on 24 Pillars. The 'World Peace Prayer Hall' above can accommodate 3000 People and the 'World Peace Library' covers an expanse of 62500 Sq.ft. The Centre of the DOME houses the meditation centre, from where all divinity and positivity emanates.

Meditation Centre is designed such that it balances the 7 Chakras of the human body to be aligned with the Universal Forces that drive the MIND, SOUL and ENTIRE EXISTENCE. The ensuing 12 Pillars symbolize the religious duty towards the mother, father, family, society, the Nation and the world. They represent the 12 major religions that have thrived and transformed the word – Hinduism, Islam, Christianity, Buddhism, Jainism, Sikhism, Judaism, Zoroastrianism, Baha'i, Taoism, Shintoism and Confucianism.

Going beyond the architectural elements, the 108 pillars stand for something that is more significant. The number 108 has long been considered a sacred number in Hinduism and yoga. Traditionally, malas, or garlands of prayer beads, come as a string of 108 beads. Furthermore, renowned mathematicians of Vedic culture viewed 108 as a number of the wholeness of existence, which connects the Sun, Moon, and Earth. According to yogic tradition, there are 108 Upanishads and 108 marma points, or sacred places of the body. Based on these 108 pillars of religion/spirituality, science and philosophy and others, the monument shall lead the way to establish itself and the country as a symbol of universal peace and humanity.



MIT | Academy of Engineering

An Autonomous Institute affiliated to Savitribai Phule Pune University

The MIT Group of Institutions is one of the most prestigious academic groups in the state of Maharashtra which comes under the aegis of the Maharashtra Academy of Engineering and Educational Research (MAEER), Pune. MIT Academy of Engineering (MITAOE), Alandi, Pune, was established in 1999 under MAEER by the honorable Prof. Dr. Vishwanath D. Karad, Founder and Executive President of MIT Group. The institute offers seven UG programs (B.Tech) and three PG programs (M.Tech). Recently, the UGC has honored the institute with 'Academic Autonomy' considering the quality of pedagogical practices, research, faculty and the state-of-the-art infrastructure that meets global standards.

Today, MITAOE is regarded as one of the best professional institutes in Maharashtra. This fact has been even exemplified by the Savitribai Phule Pune University (SPPU), by honoring the institute with the 'Best Engineering College' (Professional Courses) award. The NBA Accreditation to all branches, 'A' Grade by NAAC and the 2(F) & 12(B) status from the UGC, are the testimony to our pursuit of excellence.

MITAOE is only the third institute in Pune which has been bestowed with 'academic autonomy' by the University Grants Commission (UGC). Academic autonomy is granted only to those institutes that are accredited by NAAC with 'A' grade and are also accredited by NBA for all programs. Besides, the institute should also have the 2(F) & 12(B) status of the UGC.

This exemplifies that the 'academic autonomy' is awarded only to the best institutes. Under autonomous status an institute remains affiliated to the University but gets freedom to design the advanced & industry-oriented syllabi, decide the modes of instruction & evaluation, and conduct examination and assessment of papers. The degree though, is awarded by the University. There are many advantages of academic autonomy for all stakeholders of the institute. Some of these are as follows:



- Updated and contemporary syllabi; flexibility in updating as per industry needs
- Innovative approaches to teaching and learning; skill-based education
- Interdisciplinary approaches in academics and research
- A wide range of subjects to choose from
- Independent evaluation / examination system
- Opportunities for collaboration with reputed foreign & national universities and companies
- Better placement opportunities
- Support for higher education in India and abroad
- Internships and scholarships for projects
- Guest lectures and training programs by eminent experts from academia and industry

Affiliations & Accreditations, Awards and Salient Features:

- An autonomous institute affiliated to the Savitribai Phule Pune University (SPPU), Pune.
- Approved by the All India Council for Technical Education (AICTE), Government of India.
- Accredited by the National Assessment and Accreditation Council (NAAC) with 'A' Grade.
- Accredited by the National Board of Accreditation (NBA), AICTE, New Delhi for imparting quality education and providing congenial ambience with modern infrastructure, well-equipped laboratories and many other facilities for co & extracurricular activities.
- University of Pune has awarded MITAOE as 'Best Engineering College' (Professional Courses) in 2014.
- National Recognition by UGC, New Delhi for receiving grants under all UGC schemes for faculties & students to promote, stimulate and strengthen research activities.

- One of the first few Engineering colleges under University of Pune to be awarded with ISO 9001: 2000 Certificate. Currently we are an ISO 9001: 2008 certified institute.

- Student – Teacher ratio is 12 : 1

- Student – Computer ratio is 3 : 1

- Student Chapters of IChE, IEEE, CSI, ISA and ISTE have been established in the Institute to keep the students updated with the up-coming technology trends.

Thus, academic autonomy opens the doors for excellence in education, research and administration. MITAOE, as an autonomous institute, strives to make a huge difference by creating winning personalities and catering to the all round development of its students.



Academic Council

Dr. Mahesh D. Goudar Director, MIT Academy of Engineering (MITAOE)	Chairman
Dr. Aditya Abhyankar Professor and Dean, Department of Technology, Savitribai Phule Pune University	University Nominee
Dr. D. S. Bormane AISSMS's College of Engineering	University Nominee
Dr. Suresh Gosavi Department of Physics, SPPU	University Nominee
Dr. S. L. Patil Professor, College of Engineering, Pune	External Expert Academics
Mr. Deepak Patil Associate Director, Cognizant Technology Solutions	External Expert Industry
Dr. Dev Gupta Principal Scientist, Thermax Limited, Pune	External Expert Industry
Mr. Datta Parle Principal Consultant, Infosys Ltd, Pune	External Expert Industry
Dr. B. B. Waphare Principal, MAEER's MIT Arts, Commerce and Science College, Pune	External Expert Academics
Mr. M. S. Kumar School of Chemical Engineering, MITAOE	Dean
Mrs. Ranjana Badre School of Computer Engineering & Technology, MITAOE	Dean
Dr. Debashish Adhikari School of Electrical Engineering, MITAOE	Dean
Mr. Prafulla Hatte School of Mechanical & Civil Engineering, MITAOE	Dean
Mrs. Prabha Kasliwal School of Humanities & Engineering Sciences, MITAOE	Dean
Dr. Abhijeet Malge School of Design Engineering, MITAOE	Dean
Dr. Sunita S. Barve Dean Academics, MITAOE	Dean
Dr. Arika Kotha Controller of Examinations, MITAOE	Faculty Member
Dr. Abhijeet Malge Dean Research and Development, MITAOE	Faculty Member
Mrs. Prachi R. Rajarapolu Senior Assistant Professor, School of Electrical Engineering, MITAOE	Faculty Member
Mr. Amar More Assistant Professor, School of Computer Engineering & Technology, MITAOE	Faculty Member

Governing Council



Chairman
Dr. Sanjay Dhande
Former Director, IIT Kanpur



Member
Dr. Sunil Karad
Executive Director, MIT Group of Institutions



Member
Prof. Anant Chakradeo
Dean, MIT Institute of Design & Director, International Relations, MIT Group of Institutions



Member Secretary
Dr. Mahesh D. Goudar
Director, MIT Academy of Engineering



Member
Dr. B.B. Ahuja
Director, College of Engineering, Pune



Member
Prof. H. K. Abhyankar
Eminent Academician



Member
Dr. N. S. Umrani
Pro-Vice Chancellor, Savitribai Phule Pune University (SPPU)



UGC Nominee
Mrs. Manju Singh
Secretary, University Grants Commission (UGC), Government of India



Govt. of Maharashtra Nominee
Dr. Aditya Abhyankar
Professor & Dean of the Department of Technology, Savitribai Phule Pune University (SPPU)



Member
Dr. Prashant Kumar
Indian Institute of Technology, Kanpur



Member
Mr. Prakash Jagtap
Chairman & MD, Saj Test Plant Pvt. Ltd.



Member Secretary
Prof. B. P. Sabale
Ex. Vice Chancellor, YCMO U. Maharashtra



Member Faculty Representative
Dr. Dipti Sakhare
Dean, School of Electrical Engineering, MITAOE



Member Faculty Representative
Mr. Amar More
Assistant Professor, School of Computer Engineering and Technology & Deputy Controller of Examination, MITAOE



Preface

The enthusiastic College Magazine team works behind the screen for a long period to bring out the annual official magazine of MIT Academy of Engineering (Ajaanvriksha). Every year, magazine team of editors, designers, photographers, content writers work relentlessly to highlight events, achievements of students, staff, faculty in the aspects of curriculum, co curriculum, extra curriculum, sports, social aspects at institute level, inter institute level, university, state, national and the international level that have contributed to the continual development of the institute.

In addition with the onset of the academic year 2019-20, the college magazine team has been collecting articles, writing articles, and conducting interviews of stalwarts who have contributed the society we live in. The magazine continues to expand its reach to achieve its vision of being a true student publication. We encourage and motivate the student community by publishing their creative content and show case their creative talent. The students hope to build on their creativity progressively in upcoming academic years. Mouthful of words shall be inadequate to express my deep sense of gratitude to the editorial team for their hard work, dedication, commitment in successfully completing this tedious yet daunting task of putting together the myriad ideas and concepts of our students into a meaningful and delightful visual magazine.

Nurturing creativity and inspiring innovation are the two important pillars of a successful education and this magazine is the perfect amalgamation of both. It harnesses the creative energies of the student community and distils the essence of their inspired imagination in the most brilliant way possible.



With each academic year of the magazine is being reshaped the way the institute is growing with the passing of each academic year. There is no looking back ever since its inception and today it is a proud movement for the institute to have bagged the first prize from Savitribai Phule Pune University thrice including 2017-18 and 2018-19 publications. I am quite sure that this year also the magazine will mesmerize the readers with the inspiring contents.

Dr. Mahesh Goudar

Director, MITAOE

It brings me immense joy and pleasure to introduce to you all the eighth edition of the official MITAOE college magazine AjaanVriksha'21. Even while going through a tough year, facing the crisis and meeting through screens, this magazine was made possible. All the creative energies that came on to this platform in the form of faculty experts and student editors are finally presenting a replica of their enthusiastic hard work through this extravaganza that has come out so organically. English, Hindi, Marathi, Technical, Arts and Utsavam- every section shines out differently resembling the theme 'Pandora's Box: A flicker of hope' in its true sense. In accordance to this year's theme, the Team has put together a whole lot of mesmerising articles, poems, artworks and photographs from students and faculties. Needless to say that each one of them toiled hard to bring out the best in them and present it in the hands of the readers. All the events conducted throughout the year were perfectly planned and executed and the overwhelming response it received said it all. AjaanVriksha had already set high standards for itself when it bagged 2nd prize in the University for the second edition and 1st prize for consecutive two years for the fourth and fifth editions 'Broken Castle' and 'Rising from the Ashes' respectively and has strived hard to set another benchmark this year as well. Apart from gathering quality inputs, interviewing eminent personalities including Mr. Mahesh Kale, Dr. Jagdish Chaturvedi, Mr Nishant Kawade.... is an integral part of this admirable tradition. This piece of art would not have been complete without the sheer determination and perseverance of all the student editors who pushed their limits every time to bring out this artistic reality. Their efforts coupled with immense support from the faculties truly have done Editorial justice to carry on the legacy from 'Rising from the Ashes' to 'Pandora's Box: A flicker of hope',



thus keeping the theme and its meaning intact by beating all odds in their journey towards this endeavour. The fact that this entire edition has been compiled virtually, it is a moment of pride for us in itself.

I am grateful for all the support AjaanVriksha has received throughout the year in every possible way from the faculties and students. This wouldn't have been possible without the perpetual support and encouragement from the Director Dr. Mahesh Goudar. I am sincerely thankful to him for the same. I hope the readers of the magazine have a wonderful reading experience and wish this year's edition too receives your love and support like it has always received till date.

Here's wishing all the readers a happy experience.

Dr. Dipti Sakhare

Chief Editor

I am pleased to present the creative instincts of our students through this 8th issue of 'AjaanVriksha' which is purely a theme based edition. Theme for AjaanVriksha'2021 is Pandora's Box.

The magazine focuses on exploring the artistic potential of our students and also documenting all the co & extra-curricular activities carried out during the academic year 2020-21. AjaanVriksha'2021 is divided into English, Hindi, Marathi, Technical, Creative Arts and Utsavam Sections. Each section has been edited by the faculty experts and the student editors; in addition, this magazine comprehensively covers all the significant achievements of the faculty and the students in academics, research and co & extra-curricular activities. I am glad that the magazine has turned out really well as per expectations and the overall review of the magazine has also been exceptionally good. I am grateful for the support received from our faculty and students to come up with such an amazing edition of the magazine.

The students have toiled hard to make this magazine an artistic reality. Right from scratch, exemplifying the theme in an efficient manner. I am thankful to all the students for their creative contributions which have added to the dynamicity of the magazine.

I'm thankful to all the Faculty editors for their enthusiastic support and guidance, I'd also like to thank the management and all the beloved supporters from MIT Academy of Engineering. Last but not the least, our team of student editors.



I wish to extend my heartfelt gratitude towards our respected Director, Dr. Mahesh Goudar for his constant support and encouragement. He is the real source of inspiration for all of us involved in the magazine committee.

Thank you !

Mr. Shailesh Bhokare

Chief Associate Editor

Editorial

"The only limit to our realization of tomorrow will be our doubts of today "

-Franklin D. Roosevelt

Dear Readers,

Thanks for taking some time out from your busy lives where you are stuck with assignments, exams and your daily routine. Lets take a ride to a destination which was created with immense dedication and passion.

I welcome you all to the 8th Edition of Annual Cultural Magazine, AjaanVriksha 2021. Having the theme of Pandora's Box: A flicker of hope, we aim to reflect the idea that never loose hope even at the worst of times. Being surrounded with this Pandemic we all at some point would have felt the need to get a ray of light or a flicker of hope. This year brought a great challenge on everyone, a challenge which was unknown to all of us, but still with dedication and sheer perseverance our team managed to bring out a Magazine which is a reflection of our college. Even the VUCA times didn't stop us from successfully hosting various workshops for creative writing in Hindi, English and as well as Marathi. Following the our tradition we also hosted one of our major events such Inkit, Hindi Diwas.

My Two year journey in this beautiful family was great from being a member of English, then being one of the head for AV Icons and finally becoming the Chief Secretary of magazine. It was a plethora of learning for me with taking a step ahead towards leadership - from handling a team to handling events and then organizing events. More than anything I consider myself lucky to lead one of the finest club in the college and having such a great experience. I take this opportunity to express my gratitude to our Director, Dr. M D Goudar, Mrs. Vaishali Wangikar (Dean of Student Affairs), Dr. Dipti Sakhare (Chief Editor) and Mr. Shailesh



Bhokare (Chief Associate Editor) for their Editorial constant assistance and guidance. I would like to mention the General of my army Randeep Dey, Head of Design, without your constant effort this all would feel like Solving a puzzle without the last piece. Furthermore my sincerest thanks to all the section heads, mentors and the team without whom this magazine would have just been a dream. I would also thank my Mother and Sister for their constant encouragement and support. In the end I would to thank the readers for sticking around and I would wish you all the best and Enjoy The Journey you are about to Start.

Anirudh Raina

Magazine Secretary

Editorial

"Design is so simple, That's why it is so complicated."

-Paul Rand

I never Imagined that I would be designing my own college magazine someday. I was busy behind all those loads of assignemnts and my daily deeds, when I got a call from the Magazine secretary; it was for the post of a graphic designer for our 300 pages annual magazine. The theme for which, was was decided after countless discussions and brain storming sessions; "Pandora's Box: A flicker of Hope." Exactly what we were looking for, amidst this pandemic. It took a year's perseverance and hard work of the entire team, to put up, what you are reading now !

I started this jouney just exactly an year ago, when we were just figuring out, how and when things will get back to normal. But maybe, destiny had something else planned for all of us. So, there I was, just adjusting to the where abouts of the Team and getting to know, the members, each day, a little more. In this period of almost a year, I was never just bound to the design and graphics related works. I got the opportunity to do almost everything from content writing, managing social media handles, conducting interviews and so on. I learned a lot being in this team, it has sharpened my skills and shaped my personality. It was an honor to work with a team with such an unbreakable spirit and under the guidance and support of Dr. Dipti Sakhare (Chief Editor) and Mr. Shailesh Bhokare (Chief Associate Editor). AjaanVriksha is an amazing team it not just makes a magazine but also provides a platform for creative minds to showcase their talent by organizing events like Inkit! and various competitions on AV Day every year, it's one of the most happening clubs in MIT AOE.



I would rather not lie that, there has not been a single day since a year that I have not designed something for AjaanVriksha'21 and that what kept me going through this pandemic. Every page of what you are reading right now, has a precious memory connected to it. Pandora's Box: A flicker of Hope, will surely ignite that dying hope within you, make you smile and will surely make you chase your dreams! Happy Reading !

Randeep Dey

Chief Design Editor

Team Ajaan Vriksha 2021



Umeed

MARATHI SECTION



Triveni Gaidhane
SY E&TC



Asmita Wadikar
TY CIVIL



Divya Chaudhari
SY COMP



Prachi Patil
TY COMP



Pradumna Pund
SY IT



Prasad Gore
SY CIVIL



Rutuja Darade
TY CHEMICAL



Sneha Kharate
SY COMP



Abhilash Kumar
TY E&TC



Ambuj Mishra
TY IT



Esha Sul
TY IT

Abhudyaya

HINDI SECTION



Gautam Jha
TY IT



Nakul Aggarwal
TY IT



Pratik Bhangre
SY MECHANICAL



Sanskar Sharma
TY COMP

Petrichor

ENGLISH SECTION



Vidya Lad
TY IT



Simran Koul
TY COMP



Anirudh Raina
TY CIVIL



Falguni Charade
SY MECHANICAL



Jay Wamne
TY ENTC



Shruti Pawar
SY ENTC



Sakshi Londhe
SY COMP

Cipher

TECHNICAL SECTION



Arnav Anand
TY Comp



Charudatta Topare
SY Comp



Piyush Jagdale
SY Mechanical



Shivaji Nawale
SY Chemical



Nandini Barkul
SY Comp



Ketaki Mankar
SY Comp

Artifex

ARTS SECTION



Ranadeep Dey
TY IT



Vedant Dawange
SY Comp

Fusion

DESIGN SECTION



Akshada Pawar
TY Civil



Rushikesh Bagal
TY IT



Shreya Jawane
SY ENTC



Yash Bansod
SY Mech



Om Tambe
SY Chemical



Vaibhav Shinde
SY E&TC

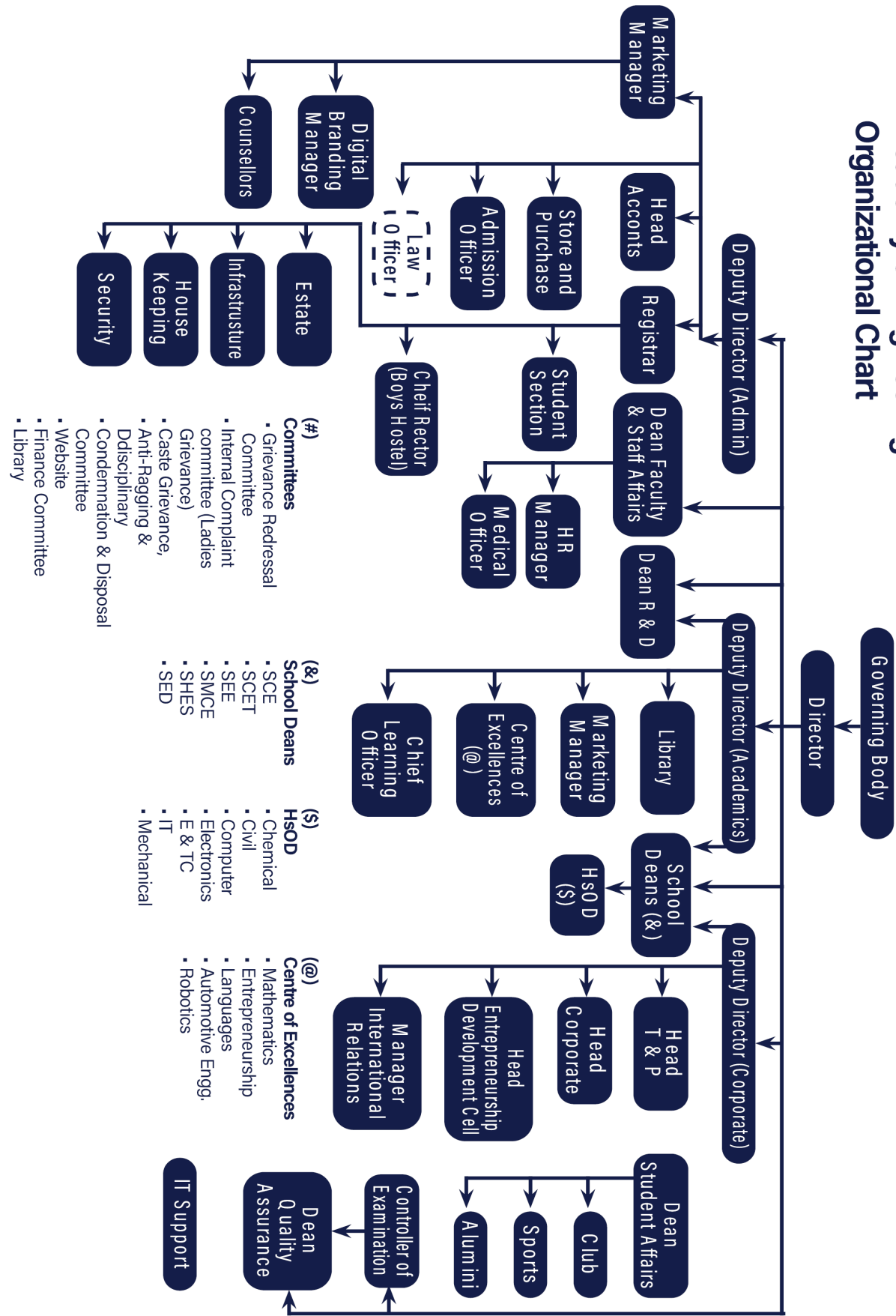


Shubham Kotkar
SY IT

Student council



MIT Academy of Engineering Organizational Chart



COLLEGE LEVEL

Major Achievements

Alexander Graham Bell Award



The Alexander Graham Bell award is the prestigious honour given to the people who have made exceptional contributions in the field of telecommunication science and engineering .

MITAOE is proud and congratulates Mr. Sanket Dehankar , the Student of B.Tech Computer Engineering for winning the prestigious 'ALEXANDER GRAHAM BELL AWARD 2020' and he has been crowned as the winner amongst the top 20 shining stars of our nation who have won this award through AGBA National Talent hunt .

As a cherry on the cake , he has received the prestigious honour virtually from none other than "THE FATHER OF INTERNET : DR. Vint Cerf on 6-7 June 2020 " at the "Data Science congress 2020" which is regarded as the biggest conference for Artificial intelligence, Machine Learning , Data science and Cybersecurity .



Very happy to announce this year we bagged two National Level Awards. Hearty congratulations to Muskan Pandey (B.Tech. Comp) And Abhishek Muttath (B. Tech IT) of MIT Academy of Engineering for bagging the prestigious Alexander Graham Bell Award (AGBA)

They have earned a scholarship for MS in Data science of Amount 8.5 Lac each.

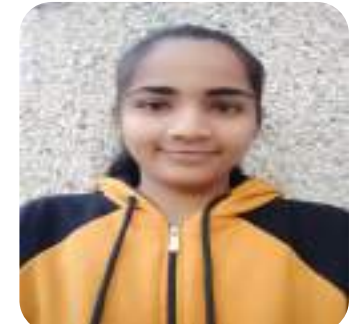
Hitbullseye Aptitude Quiz



This is the moment of absolute proud and glory for MITAOE to announce that MR. Shivam Prakash from the T.Y electronics and telecommunication engineering has secured an ALL INDIA RANK (AIR) 11 out of 50000 students across the whole nation in the "Aptitude test quiz" organized by "Hitbullseye" in the view of employability development in the country.

Students Achievements

Other Achievements:



Smita Jadhav secured 2nd Position in "Light It up" organized by Srijana- The Fine Arts Society of MAIMS on 29th Nov 2020, with cash prize.

Shubham Patil secured the Consolation Prize in an online art contest by Creative Art Contest, with a cash prize.

Nilesh Mitkar got selected in the top 5 out of 176 participants in ARTMANIAX organized by MESA Yeshwantrao Chavan College of Engineering, Nagpur.



Rutwik deshmukh, a member of shutterbugs MITAOE, had submitted his entry in the Sony BBC earth photography competition in the People's category. He qualified the public voting round with a huge number of votes and reached the Top 10 in the category.

COLLEGE LEVEL

Major Achievements

Students Achievements



Aditya Chavan, a senior core member of Shutterbugs Photography Club has bagged in a great achievement. As a Realme user and a passionate photographer, he has been selected to become a member of the Realme Photography team organized by the Realme Community Team.

Ms. Prajaktha Ghangare is selected as Business Associate with Opulence, one of India's leading Direct Marketing Company and she joined with them effective from 14 July 2020.

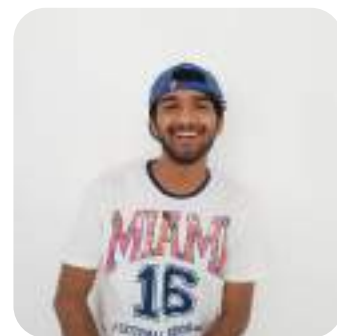
Vaibhav Saini, student of SCET has cracked Round 2 of HackwithInfy 2020, He is among India 300 toppers, and has earned an Interview for Power Programmer Role at Infosys.

Yushant Tyagi, Sachin Sahil, Akashdeep Dhar & Anushka Gulave, students of SCET have cleared Final Round of InfyTQ Certification. All have given a chance to Direct Interview at Infosys.

Hritik Auchar and team won first prize in the Amdocs hack fest and won a cash prize of Rs 1 Lakh.



One of the student startups, Inventnote by **Prasoon Garg** and team has got the finalists of WFRV Pitch Battle Program (RV Pitch Battle – a global Pitch Battle for students that have completed the WF Courses in Entrepreneurship in the year 2019). Team received appreciation and various rewards for the achievement.



Dain Shaji participated in the SynchronisMUN'20 (which is a simulation of United Nations) Got the recognition as 'Special Mention' (one of the prestigious recognition in MUNs) & got certificate and cash prize organized at Symbiosis College of Arts and Commerce Pune.

Edgeline Go Karting championship season 1.0- a virtual event where Team Niyudrath won 1st award in design presentation and 2nd award in Business Plan during 27th sept 2020 to 1st oct 2020 under the guidance of Prof. B. R. Patil.

Pawan Kumar Yadav, M. Tech student under the guidance of Dr. P. P. Kothmire received a Best Research paper Award in the World Congress on Optimization and Automation Techniques in Engineering and Management. This event was organized by G.H. Rasoni University, Amravati (M.S.).

Hritik Auar, Aniket Sulke and Manoj Kale participated in Smart India Hackathon, 2020 Nodal Center REVA University, India and won First prize (1,00,000/-, Digital Certificates and Trophy)

Shubham Sable (COMP), Sandesh Deshmukh (IT) won Graham Bell Trophy, 100% scholarship/ financial aid for any PG/ MS degree, Work on real life projects with top MNCs.

Sanket Dehankar, Atish Bargaje and Aakansha Patil participated in National level project competition Impetus and concepts 2020 PICT Pune on 13 & 15th June 2020 and got the 1st Runner Up prize.

Lekhansh Bondade from SCET won AWS solutions architect associate award.



Yogesh Gaikwad received Certification in Microsoft Azure Fundamentals Certification Microsoft NOV 2020 and Microsoft AZURE certification.



Pranav Gawde, Nandan Adeshara and Sarvesh Pathak received Certification in AWS Cloud Practitioners AWS (Amazon Web Services NOV 2020).

Ankita Khdekar got 3rd Rank in Women's Day special solo Dance Competition.

Shoyab Shaik and Dhanesh Pawar deployed and launched Project Preskilet (Preskil is the world's first professional video platform) developed by our Btech Students under the guidance of Mr. Rudragouda Patil (SCET), this platform could be used by students to develop their Professional Skills through professional video creation and assessment. A long-term work (2 Years of Development) finally came to a successful launch.



Shreyas Deo won the best Speaker award in intercollegiate debate competition organised by Symbiosis college Economics and Commerce, Pune Participated in the Synchronis MUN'20 (stimulation of United Nations) got the recognition of "Special Mention" (one of the prestigious mention in MUN)

Sanket Kurai won 3rd prize in National Level Online Quiz conducted by PICT, Pune

Atul Suryawanshi, M. Tech. student under guidance of Dr. A. G. Kamble got best paper award titled "Thermal performance of tube exchanger with inclined circular ring turbulators on heat transfer and friction factor" in 3rd international virtual conference on Recent trends in engineering & technology at VIIT, pune.

Team Dynamic Makers won First Prize - 1,00,000/- Cash prize, Digital certificates and Trophy at SIH 2020 (Hardware Edition) Title - Smarter Surveillance System.

Domain Bucket - Security & Surveillance Organization - Cognizant Technology Solutions India Pvt. Ltd

Team Mentor - Jayvant Devare

Team Members -

1. Abhinav Anand (Team Leader)
2. Dinesh Punwatkhar
3. Rutvik Shinde
4. Shreyansh Gupta
5. Shruti Sant
6. Arnav khandare

Chess club: Chessmate club organized an event for all chess clubs and colleges on November 7, 2020 and November 8, 2020 which was won by the MITAOE chess team.

Art Club:

Apart from achievement's students have participated in competitions such as Mandala Art Competition (MOOD INDIGO IIT BOMBAY), HANDMADE TALES Impressions (COEP); and many online contests by different colleges.

DSC club :

73 students completed the both tracks of 30 days google cloud challenge and received the goodies from google .

80 students completed one track of 30 days google cloud challenge and received the goodies from google .

HackerRankcoding club : Team Deep Thugs

Team Deep Thugs won first prize in "Smart India Hackathon 2020" with a cash prize of ₹1,00,000 /- and also got digital certificates. The problem statement was based on sepsis prediction. This incredible team, who left no stone unturned in making our college proud, was guided by Prof. Jaywant Devare and headed by Hritik Auchar.

Team DeepThugs won First prize of ₹1,00,000 and certificates. In the smart india hackathon 2020 software edition .

Team DeepThugs won First prize of ₹1,00,000 and certificates in the amdocs hackfest 2020

Orian+ and Dynamic makers are shortlisted for Grand Finale Hardware Edition 2020 for the SIH 2020 hardware edition

Maths club :

17 students were selected for the honors in the final round for the international youth mathematics challenge and the distribution was as follows :-

1 for the gold honor

6 for the silver honor

10 for the bronze honor

An international excellence award was also awarded to MITAOE .

Niyudrath Karting:

Even in this pandemic, the teamwork has never lowered an inch which is the reason our team achieved two awards in two categories named: "Design Presentation" and "Business Plan" in the virtual Edgeline Go-Kart Championship season 1.0 by Wisdomatics Swarms from 21st September-1st October 2020. We're proud of our team and their bold character they displayed.

9th in virtuals, 5th in statics 6th and dynamics and overall rank of 16th among the 150 teams that participated in BAJA SAEINDIA 2020

SAE ADC 2020:

The competition has been designed to provide exposure to the kinds of situations that engineers face in their real-life work environment. MITAERO have been an active participant of SAE ADC. The year 2020 has been a great year for MITAOE's Aeromodelling club as the team Falcon a part of MITAERO, achieved AIR 6 in SAEADC 2020.

COLLEGE LEVEL

Major Achievements

Faculty Achievements



A hearty congratulations to **Mrs. Vaishali Wangikar ma'am** for completing her Ph.D., and we wish them great success in their future endeavors. You have always been so dedicated and sure it is very inspiring indeed. Anything is possible – all you have to do is believe in yourself. Wishing you both all the best in what lies ahead and good luck.



There is no age to stop learning. One should never set the boundaries too shallow that they miss the vast ocean of knowledge waiting for them to cover. So is the trait and nature of each and every member of MITAOE family. We learn and grow together. In the same spirit, we present our heartiest congratulations to **Prof. Prabha Kasliwal** for her achievement of Engineering Educator Certification (IIEECP) by IUCEE - Indo Universal Collaboration for Engineering Education. It was her commitment, passion and consistency which made it all possible. She is an inspiration for all the students to never stop learning.



Prof. Manoj Bhalwankar and Prof. Ms. Maya Charde, faculties of school of Mechanical and Civil engineering MITAOE have proved that “when your positive action combines with positive thinking, it results in success”. They have successfully completed IUCEE online teaching course from July 2020 to September 2020 conducted by IUCEE team of faculty and received certificate of completion with distinction.

MIT Academy of Engineering is featured in the Private Institute Self Finance Category, Band B: 26-50th rank in the prestigious ARIIA 2020 rankings in the country.

Prof. Savita Pawar received Teacher of department award for Electronics Engineering and Prof. Ashish Srivastava received Teacher of department award for E&TC Engineering.



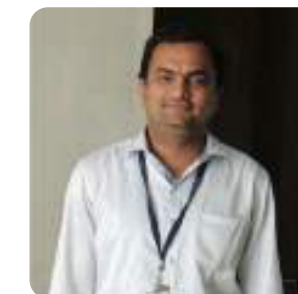
Prof. Vaishali Katkar and Prof. Amar Chavan have cleared the first round of UK-India Innovation Challenge Fund 2020 for the project titled ‘Design and development of cost effective and an environment friendly E-bicycle’ with funding amount of £46. Students involved in this project are Ritesh Rathod, Sumit Kalbande, Anantrao Gawale (TY ETX).



Prof. Shrikant Salve is selected in the Organising Committee as “Poster chair” in the “HWID2021” (Human-Work Interaction Design (HWID’21)) international conference Further details are available on the conference website “hwid2021.com”. He is also selected in the Organizing committee as “Co chair” of proposed, International Conference on Accessibility and Digital Inclusion (ICADI) 2021, Jointly organized by Centre for Disabilities and Inclusive Education, SPPU & Department of Computer Engineering, VIT Pune.



Success is never planned. It comes with determination and commitment. We congratulate **Mr. Rudragouda Patil & Mr. Jayvant Devare**, faculty School of Computer Engineering & Technology, for completion of Infosys Faculty Enablement Program on “Python Programming through INFYTQ Platform” conducted in online mode using WebEx platform from 22nd June to 29th June 2020 by Infosys Limited and has been awarded with “A+” Grade. They are a tremendous inspiration to us and have proved how determined and committed they are.



AWS Academy Accredited Educator issued a verified AWS Certificate to Mr. J. H. Devare.

COLLEGE LEVEL

Major Achievements

Faculty Achievements



Mrs. Priti Shinde received Certificate by International Youth Math Challenge for being an approved final exam supervisor for the International Youth Math Challenge 2020.



Prof. P. P. Kothmire delivered Ph.D. defense and Viva Voce examination at Indian Institute of Technology Powai Bombay on 11th November 2020 at 2.00 pm. on the thesis titled “Design Aspects of an Electrocoalescer”.

He has also received Ph. D. Research Excellence Award 2021 from The Institution of Engineers India co-sponsored by IEEE.



Dr. Maya Madhukar Charde completed her Ph.D. in Mechanical Engineering titled “Thermal analysis of computer numerical controlled grinding operation with minimum quantity lubrication” under the guidance of Dr Yogesh Bhalerao at Savitribai Phule Pune University.



Dr. P.S. Kalos (Associate Professor) along with Nayan Kengar, Akshay Mungase, Pratik Jagtap has published two copyrights successfully, title: Inventory carrying Pick and Place Robot.



Dr. S. P. Shewale successfully completed with distinction, the IUCEE Online Teaching Course, which was conducted by IUCEE during July to October 2020



Dr. Prafulla Ratnakar Hatte completed his Ph. D in Mechanical Engineering titled “Experimental and theoretical investigation of ethanol gasoline blend in variable compression ratio engine” under the guidance of Dr Yogesh Bhalerao at Savitribai Phule Pune University (Research center-MIT Kothrud, Pune).



Dr. Abhijeet Manikrao Malge got award of “Excellence in community outreach through projects” by ICTIEE 2021.

Mrs. Shital Pravin Kharat completed LL.B. with first class in Nov. 2020.



Dr. Parag N. Sutar received Best Paper Award at the International Conference on Research Frontiers in Science organized by G H Raisoni College of Engineering, Nagpur held Online 05 to 06 February 2021.

Mr. Atul N. Patil successfully completed Bachelor Degree in Arts.

Mr. Sanjay Waghule successfully completed Master Degree in Library and Information Science and secure 69%.

COLLEGE LEVEL

Major Achievements

Faculty Achievements



Dr. Dipti Sakhare's patent has been published with the Title of Water distribution method and system dated: 31 July 2020.



ICSDP 19 SPRINGER Proceedings has been published as an edited book titled Advances in Signal & Data Processing with **Dr. D Adhikari** as an Editor along with Prof. S N Merchant, IIT Bombay and Krishna Warhade, MIT WPU.



Dr. P. D. Ganjewar received Ph.D. Degree on 23rd October 2020. Also, he published a book chapter, Energy Efficient Cluster Head Selection for Manufacturing Process Using Modified Honey Bee Mating Optimization in Wireless Sensor Networks 2021 First Edition.



Mrs. Sini Ronson passed an online exam on Applications of Geogebra, conducted by Spoken Tutorial Project by IIT Bombay with a score of 97.5% on 3 October 2020.



Prof. Ashish Srivastava has received copyright registration certificate for his work 'Guru Charano Mai Aayenge' from copyright office, Ministry of commerce and industry, Department for promotion of industry and internal trade, New Delhi on 10 July 2020.



Mr. Gajanan Vyawhare designed, developed and manufactured 'Automatic Sanitizer Dispenser Machine'. This machine provides 100% made in India Sanitizer dispensing and Stands which are perfect for setting to kill all kinds of germs in absolute style and elegance. The touch less feature cuts down the spread all kind of germs.



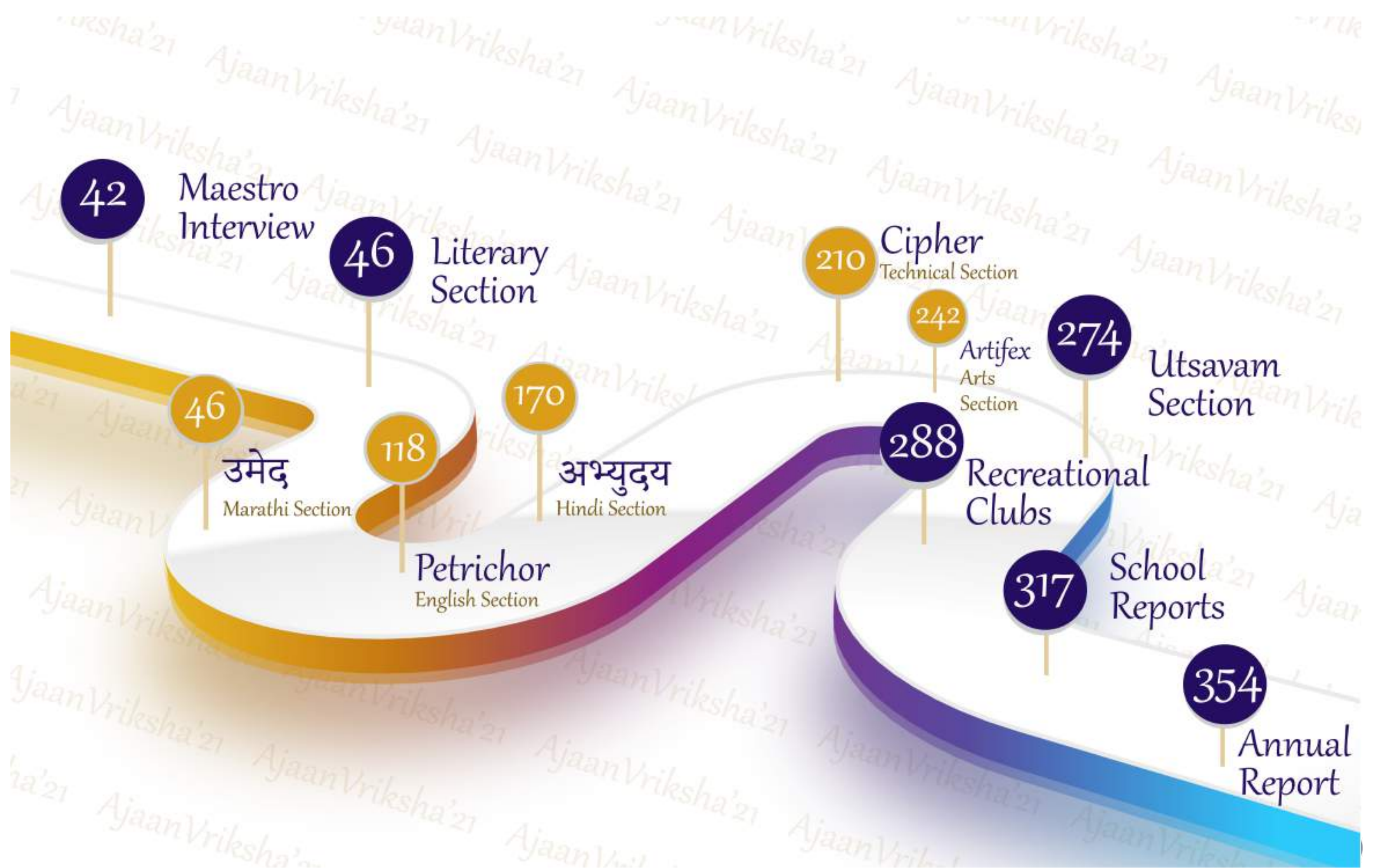
Dr. Avinash. N. Bhute published a patent on Machine Learning based Electrical Stimulation of Hand Movement for the Treatment of Paralysis Person 15/FEB/2021 National.

Mr. Ajit M. Solwande successfully completed Master Degree in Library and Information Science and secure 69%.

Mr. Nilesh Mhaske successfully completed Master Degree in Library and Information Science and secure 69%.

Mr. Vijay Kisan Pingale and Mr. Kavikant Mahapatra were awarded NPTEL Award for Excellence with 92% and 90% respectively.

Dr. Satish Gajbhive was awarded a PhD degree on 9 October 2020 in Mathematics. His topic was A Study of Pseudo Differential Operators involving Hankel-type Transformation associated with function spaces and their applications by SPPU.





EXCLUSIVE INTERVIEW



*Ms. Muskan
Pandey*

1. Please give a brief introduction about yourself and your life.

I always believed, “Winning isn’t everything; it’s about taking the first step in the right direction that ultimately leads to success”. I’ve always followed this philosophy in my life. Since my first year, I’ve been involved in numerous activities to push myself out of my comfort zone, including Robocon, Literary Club, Cultural Committee, Sports, Aeromodelling, and Anchoring. But, despite all this, academics remained my top-most priority. I have had a keen interest in problem solving since a young age. In my Secondary School, I chose computer science as my minor and the same continued even in Senior Secondary School. So, pursuing engineering in computer science was a clear path for me.

I was able to instil various qualities such as leadership skills, confidence, teamwork, gaining insight on various subjects, and much more as a result of my active participation in various clubs. All of this, along with unconditional support from teachers and my friends, helped me to acquire a campus placement at Avaya.

Journey at MIT Academy of Engineering has been a roller coaster ride for me, but most importantly it has taught me many valuable lessons.

2. What was your motivation behind choosing engineering, and why computer science engineering specifically?

There were two major forces that drove me towards engineering.

Like I mentioned before, I had a deep interest in coding. I have always been good at problem solving and thinking out of the box. This was one of the major driving forces that led me to choose engineering. Other than that, my father is also an engineer so I had an inherent interest in this field. Since childhood, I was fascinated with how computers and the internet work. I remember when we first got a desktop home, how exhilarated I was.

Information Technology is one of the most versatile industries today. The introduction of cutting edge technologies and gadgets and its influence in our lives is growing exponentially day by day. This creates ample opportunities for learning and research. I’ve always been fascinated by this, and hoped of making a career in this field. All of this, led me to choose computer science engineering.

3. What inspired you for achieving this endeavour of becoming the MAESTRO of college?

The very first Nakshatra I attended, I was in awe of the whole celebration. The grandeur, the enthusiasm, the vibe, it was stellar and absolutely phenomenal. In this crown, the most bedazzling jewel was the MAestro Award. Seeing the honour and pride presented to the face of the batch, the student of the year, I found a new motivation to direct my energy towards. Before this, I participated to push myself out of my comfort zone, but now, I wanted to make it count too. It was not an overnight journey, but hard work and ambition for my entire engineering course. I aspired to strike a balance between my academics and curriculums.

The path towards it was filled with successes and failures, big and small. But at the end of each day, the goal was to become more capable than yesterday.

4. In our college life, we do a lot of activities like entrepreneurship, social work and sports. What was your perspective about the co-curricular and extracurricular activities?

Engineering is not just about academics, in fact I feel, it is an amalgam of academics, various co-curricular and extracurricular activities that make up this experience. One must definitely put himself/herself out there and participate in whatever they feel works for them. I participated in a spectrum of activities ranging from technical to non-technical. I was a part of the Literary Club, Robocon, Aeromodelling Club, Cultural Committee, Anchoring team, Management teams for various events, etc. I even participated in sports and speaking competitions at various levels. Although, it is important to prioritize academics, that shouldn’t restrict you from engaging in diverse ventures.

5. How has the experience of virtual Nakshatra been?

Nakshatra is the celebration to honour the stars of MIT Academy of Engineering. Even with it being conducted online, the essence of it still remains. Although, in all honesty, I did miss the bling of the offline event. But nevertheless, it was an absolute honour to be presented with the MAestro award.

6. Can you give some study tips/ career tips that you used in your life?

I believe consistency is the most important thing. I think this extends across all the verticals. Academics or curricular activities, whatever you choose to do, be consistent. Whenever I felt overwhelmed or felt like I have too much on my plate, I used to break things down into smaller tasks. I had smaller goals for each day/week and these pieces would finally complete the big puzzle. I feel this boosted my productivity and checking off any task does make you happy. Other than that, specifically for placement related activities, be patient and believe in yourself. Sometimes things can be testing, but believing in yourself will always help you push through. These are a few things I followed. Also, a last piece of advice would be to make amazing friends. Their support means a lot, especially since most of us are away from our homes. I was lucky enough to make a few good ones.

उमेद

१

उमेद
Marathi Section

जीवन म्हणजे एक उमेदाची साखळी, आशेची किनार आणि जगण्याचा आधार. असे म्हणतात की, जेव्हा आकाशामध्ये सूर्योदय आणि सूर्यास्त हे दोन्ही मिळून जो केशरी रंग आपल्याला दिसतो तोच रंग म्हणजे उमेद. आशा ही अशी गोष्ट आहे जी जीवनातील सुख दुःखांमध्ये प्रेरणा देऊन जाते आणि तीच जीवनाचा आधार असते.

खरं तर आताच्या कोरोनाच्या परिस्थितीमध्ये उमेद ही आपली सोबती आहे. जी आपल्याला या संकटातून बाहेर काढू शकते. ह्या लढाईत डगमगून न जाता आपल्याला आकांक्षांचा फुलोरा जपायचा आहे.

तीच उमेद, तीच आशा आणि तोच उत्साह घेऊन यदाचा अंक तुम्हा सर्व वाचकांना समर्पित करत आहोत. तुमची नेहमी प्रमाणेच कृपादृष्टी असावी आणि अभिप्राय मिळावा हीच माफक अपेक्षा !



ओळख मराठी परिवाराची

शिक्षक प्रमुख
शैलेश भोकरे



विभाग प्रमुख
त्रिवेणी गायधने
एस. वाय. इ. एन. टी. सी.

सदस्य



दिव्या चौधरी
एस. वाय. बी. टेक
कॉम्प्युटर



अस्मिता वाडीकर
टी. वाय. बी. टेक
सिविल



प्राची पाटील
टी. वाय. बी. टेक
कॉम्प्युटर



प्रद्युम्न पुंड
टी. वाय. बी. टेक
आय. टी.



प्रसाद गोरे
एस. वाय. बी. टेक
सिविल



ऋतुजा दराडे
टी. वाय. बी. टेक
केमिकल



स्नेहा खराटे
एस. वाय. बी. टेक
आय. टी.

संपादकीय

मुलांचा उत्साह ओसंडून वाहतो, ते आपल्या सृजनशीलतेला साजेसं काम करतात तेव्हा अशा छान कलाकृती तयार होतात.

संपूर्ण नियतकालिकासाठी व मराठी विभागासाठी मुलांनी घेतलेली मेहनत खरंच वाखाणण्याजोगी आहे. एखादी कलाकृती जेव्हा सर्वासमोर येते तेव्हा ती जशी दिसते किंवा असते त्यावरून तिला जज् केलं जातं. मुळात तिला नावारूपास आणणा-या माणसांच्या हृदयाची स्पंदनं जोखण्याची खूप कमी लोक तयारी दाखवतात. मराठी विभागात काम केलेल्या व करणाऱ्या मुलांच्या कौशल्याची व सौहार्दतेची त्यामुळेच मला स्तुती करावीशी वाटते. कारण दुसऱ्याची कलाकृती आपली म्हणून तिची जोपासना करणं हे काम त्यांनी पार पाडलं आहे. सर्व लेख लिहिणा-या, कविता करणाऱ्या विद्यार्थ्यांना देखील अनेक शुभेच्छा द्याव्या वाटतात. कल्पित विश्व आपल्या शब्दांद्वारे उतरवणं वाटतं तेवढं सोपं नाहीये, आणि तुम्ही सर्वांनी अगदी सुंदर पद्धतीने पार पाडलंय. वाचकांना तुमच्या कार्यामुळे नक्कीच अप्रतिम अनुभव घ्यायला मिळेल हिच अपेक्षा. लेखक व कवीना एक म्हणावं वाटतं की, तुम्ही जे काम करत आहात ते सदैव करत रहा. खंड पडू देऊ नका. खूप कमी लोकांना ही जादू दाखवता येते. अगदी असं समजा, की निर्माता तुमच्या कुंचल्यातून नवनवीन विश्वांची तसेच अनेकानेक शक्यतांची झलक जगाला दाखवत असतो. तुम्ही दुर्मिळ आहात !

अशाच अनेक कलाकृती तुमच्या हातून अवतरो व साहित्य विश्वात तुम्हाला घवघवीत यश मिळो ही माऊली चरणी प्रार्थना !



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“ Pandora's Box – The flicker of hope”

मित्रांनो ‘आशा’, ‘आशेचे किरण’ ह्या या अशा शब्दांमध्येच काही अशी ऊर्जा आहे की ऐकताच थोडासा धीर हा माणसाला नक्कीच येतो. कधी सुखांच्या सरींनी भिजवणारे तर कधी दुःखाच्या सागरात लोटणारे आणि धीर खचवणारे प्रसंग तर आयुष्यात येतच असतात. आयुष्यात नेहमी काही नावीन्यपूर्ण घडामोडी घडतच असतात. कुठेतरी प्रत्यक्ष वा अप्रत्यक्षपणे मानवच याला कारणीभूत असतो. माणसाला जिज्ञासा हा जो गुण लाभला आहे ना त्यामुळे तो सतत निसर्गाच्या गुपितांचा आणि काही नवीन संकल्पनांचा पाठलाग करत असतो. मग या जिज्ञासेतून कधी चांगल्या गोष्टी साध्य होतात तर कधी वाईट.

चांगल्या प्रसंगाचा, सुखाचा काळ तर माणूस अगदी सहजपणे, आनंदाने जगतो. पण दुःखा वर, वाईट प्रसंगावर मात करण हे सोपं नसतं. मात्र या कठीण काळात ब्रम्हास्त्र बनून माणसाची साथ देते ती म्हणजे ‘आशा’ ; तिमिरातून तेजाकडे जाण्याची आशा.... दुःखातून सुखाकडे जाण्याची आशा....

अशा प्रकारे जिज्ञासा आणि आशा या मानवी जीवनातील खूप महत्त्वाच्या संकल्पना ठरतात. याच दोन संकल्पनांशी जोडलेली एक सुंदर कथा ग्रीक पुराणामध्ये फार प्रचलित आहे.

ही कथा आहे ग्रीक देवतांचा राजा झ्युस आणि त्याची कन्या पॅन्डोराची ! देवकन्या पॅन्डोराला सर्व देवतांकडून अनेक वरदान मिळाले होते.

परंतु तिच्या वडिलांनी तिला ‘ जिज्ञासा ’ हा गुण आणि एक सुंदर डब्बा या दोन भेटवस्तू दिल्या. सोबतच तो डब्बा कधीही उघडायचा नाही अशी आज्ञारूपी अट ही घातली. ही आज्ञा मोडल्यास मानवतेला त्याचा खूप त्रास होईल असेही तिला सांगितले.

दिवसामागून दिवस जात होते. पॅन्डोराची जिज्ञासा तिला वडिलांची आज्ञा मोडण्यास सतत प्रोत्साहित करत असे. तो डब्बा आपल्याला बोलवतोय असे भासही पॅन्डोराला होऊ लागले. नंतर एकदिवस न रहावून तिने तो डब्बा उघडलाच. मग काय, त्यातून क्षणातच भयानक अशा गोंगाटासह लोभ, मोह, मद, मत्सर असे विकार बाहेर पडले. घाबरून पॅन्डोराने चटकन त्या डब्बाचे झाकण बंद केले आणि रडत बसली. बघताबघता ते विकार सर्वत्र फैलून मानवाला दुःख देऊ लागले. या सर्वांचा त्रास होऊन पॅन्डोरा खूप दुःखी राहू लागली.

इतकं सगळं झालं तरी अजूनही तो डब्बा पॅन्डोराला नेहमीच बोलवत होता. या वेळी मात्र डब्बातून येणारा आवाज हा पॅन्डोराच्या हातून झालेल्या चुकांच्या दुरुस्तीची हमी देणारा होता. डब्बा उघडण्यातून ओढावलेल्या प्रसंगामुळे खचलेल्या पॅन्डोराला झाकण उघडण्याचा धीर नव्हताच. पण तिच्यातील जिज्ञासेने पुन्हा तिला डब्बा उघडण्यास भाग पाडलं. आणि काय चमत्कार, त्या डब्बातून एक छोटीशी, सुंदरशी परी बाहेर पडली. तिचे नाव होते आशा. तिने पॅन्डोराला आश्वासन दिले कि विकारांमुळे त्रस्त झालेल्या लोकांना आशा, धीर आणि सकारात्मकता देऊन त्यांना संकटांशी लढण्याचे सामर्थ्य देईल आणि धरतीवर पुन्हा सुख प्रस्थापित होईल. असं बोलून ती परी लोकांच्या मदतीला निघून जाते.



बघता बघता ती परी सर्वत्र पसरते आणि सर्व दुःखी लोकांना आशा आणि सकारात्मकता देते. त्याने प्रेरित होऊन लोक अडचणींना तोंड देऊन त्यावर मात करतात आणि धरतीवर पुन्हा एकदा आनंद प्रस्थापित होतो. ही कथा जरी पुराणकथा असली तरीही यातील पॅन्डोरा ही आजच्या मानवाचे उत्तम प्रतिक आहे. जशी ती देवकन्या होती. तसेच आपण सर्व ही निसर्ग देवतेची मुलं आहोत ना ! पॅन्डोरा प्रमाणेच आपल्या सर्वांना ही जिज्ञासा हा गुण लाभला आहे. तेव्हा त्यामुळेच आपणही कधी संकटात पडू शकतो. पण या संकटावर मात करण्यासाठीची गुरुकिल्ली ही आशावादी आणि सकारात्मक वृत्तीच ठरते. या गुरुकिल्लीच्या बळावर जीवनात कधीही निराश न होता सकारात्मकतेने आणि आशेने आपले कर्तव्य करणे हे खूप महत्त्वाचे आहे. हाच बोध आपल्याला पॅन्डोराच्या कथेतून मिळतो.



प्राची पाटील
टी.वाय.बी. टेक.
कॉम्प्युटर

पत्रास कारण की...

प्रति,

कोविड -१९

पृथ्वीतलावरून तू नामशेष व्हावास या आशेसह लिहित आहे !

खरंतर सुरुवात कशी आणि कुठून करावी हाच मोठा प्रश्न आहे. तुला न पाहताच, तुझा ठोस असा पत्ता माहित नसूनही संवाद साधण्याचा प्रयत्न करतो आहे. तुला संबोधताना ‘ प्रिय ’ म्हणून बोलावं की नाही हा सुद्धा चमत्कारिक पेच आहे. पण तू घातलेला थयथयाट पाहता तुझी ख्याती ‘ अप्रिय ’ याच गटात मोडेल हे 101 % नक्की.

आमची मानवजात निर्धाक, बिनधास्त अशा वेगाने प्रगतीच्या, आधुनिकतेच्या दिशेने वाटचाल करत होती. पृथ्वीतलावरचे सर्वश्रेष्ठ, अत्याधिक बुद्धिमान म्हणून नावाजलेलो आम्ही आता मशीनला पण चालतंबोलतं आणि भावनिक विचार करण्याची क्षमता प्रदान केली. 0-1-0-1 च्या भाषेतील यंत्र आता मानवी बुद्धीच्या पलीकडे जाऊन ‘ह्युमनॉईड’ झाली. ही सर्व कमाल आम्हा मानवांची !

पण... तुझ्यासारखा एक क्षुल्लक, अतिसूक्ष्म जीव नाही झेलू शकलो. तू तर विषाणू आहेस, म्हणजे तुझं जिवंत असणं सुद्धा ‘ पॅरासाईट ’ सारखं आहे, दुसऱ्या जिवाच्या भरवश्यावर ! तरी आज सगळं जग ठप्प करून ठेवलंस.

“ मदमस्त हत्तीला भंडावून सोडण्यासाठी एक मुंगी पण भारी पडते ”, ही म्हण तू खरी ठरवलीस. तुझं येणं दुदैवी आहेच, त्याचवेळी आत्मचिंतनाचा विषयसुद्धा.

‘Blessings in disguise’ सारखा प्रकार तुझ्याबाबतीत घडला आहे. घड्याळाच्या काट्यावर पळणारी माणसं जबरदस्तीने का होईना थांबली, थबकली. स्वतःकडे बघण्याचा वेळ मिळाला. असे अनेक होते जे ‘ स्व ’ चे भान विसरून फक्त धावत होते. भौतिक प्राप्तीच्या नादात आपले आणि आपल्या माणसांचे मानसिक सुख हरवून बसले होते. लॉकडाऊनमुळे कित्येकजण निवांतपणे त्या हरवलेल्या ‘ स्व ’ चा शोध घेऊ शकले. ९ ते ६ व्या यंत्रवत जगण्याची सवय पाडून घेतलेले अनेक जीव प्रथमच दिवसभर हसतखेळत वावरले, गप्पा - गाणी, विनोदात रमले. एका अर्थाने प्रत्येकाला हवीहवीशी विश्रांती सक्तीने घडली ती तुझ्यामुळे. आपल्याविषयी लोक काय म्हणतात यापेक्षा मी कोण आहे ही जाणीव झाली ती याच लॉकडाऊनच्या काळात.

तू जगाच्या कानाकोपऱ्यात पोहोचलास, एकूण एक गोष्ट बंद पाडलीस. पण त्याचवेळी, खुल्या जगात बंद मनाने धकणारी बरीच माणसं मानसिकरित्या मुक्तपणाकडे वाट धरू लागली. बदल आकस्मिक, अनपेक्षित होता. तरीही थोड्या प्रमाणात सुखावणारा होता. तुझा फैलाव निसर्गासाठी ही लाभदायक ठरला. कारखान्यांची धुराडं थांबली, यंत्र मंदावली, कर्बवायूचं बेसुमार उत्सर्जन कमी झालं. धुराने वेढली जाणारी शहरं मोकळा श्वास घेऊ शकली, ओझोनचा थर भरून येऊ लागला. पहाटेची प्रसन्न हवा, पक्ष्यांचा किलबिलाट, स्वच्छ निळे आकाश म्हणजे नेमके काय, हे सुद्धा आम्हा शहरवासीयांना कळले ! तुझ्या येण्याने वाईट परिणाम काय झाले हे तुझे तुलाच सांगणं निरर्थक ठरेल, सामाजिक, आर्थिक, मानसिक ताण, जवळच्या माणसांचं निघून जाणं, रोगराईच्या भयाण छायेत जगणं, अधांतरी भविष्याला धीराने सामोर जाणं, हे सारं अंगवळणी पडलंय आता.



कवी कुसुमाग्रजांच्या अजरामर ओळी,
“ पाठीवरती हात ठेवून, फक्त लढ म्हणा ”

हे पण जमतंय आता. निसर्गासमोर मर्त्य मानवाची दांभिकता लपू नाही. मानवप्राणी ज्या निसर्गाचा फक्त एक घटक आहे. त्याच निसर्गाला कमी लेखण्याचा, पर्यावरणाचे संतुलन बिघडवण्याचा परतावा तुझ्या या विषाणू रूपाने आम्ही भोगतोय हे नक्की.

आणखी काही लिहित नाही. तुझा प्रकोप नाहीसा व्हावा हीच दुर्दम्य आशा !

निसर्गासमोर नतमस्तक,
एक मानव



सिध्दार्थ सातभाई
बी.टेक. केमिकल

वृक्षवल्ली आम्हा सोयरी !

नेहमीच्या अत्यंत व्यस्त वेळापत्रकातून काही क्षण चोरून आज गॅलरीत खुर्ची टाकून बसले होते. लेक्चर आणि असाईनमेंट्स मधून अभियांत्रिकीच्या विद्यार्थ्याला वेळ मिळत नव्हतं म्हणजे नदीकाठी दगडगोट्यांमधून मोती शोधण्या सारखं आहे. तर सांगायचा मुद्दा असा की मी तो मोती मिळवला. आमच्या अपार्टमेंटच्या अंगणात माझ्या सुदैवाने खुप झाडं आहेत. साधीसुधी नाही बरं का ! चांगली जांभूळ, चिंच, आंबा अशी झाडं ! आणि झाडं आहेत मग खुप सारे पक्षी पण येतात. माझी ८ वाजता होणारी सकाळ ती होते त्यांच्या प्रसन्न मैफिलीतच ! अर्थात माझी आई देखील वरच्या पट्टीच्या सुरात त्यांना उत्कृष्ट सोबत करते. दिवसभर ते खिडकीत ये जा करत असतात हे छोटे पाहुणे ! एकुणच या वातावरणामुळे पुण्यात असुनही कोकणात असल्यासारखं वाटतं.

या सक्तीच्या क्वारंटाईनच्या निमित्ताने मोकळा वेळ मिळाला. बालपणीच्या सोनेरी आठवणी येतात अशा निवांत क्षणी. आमच्या अमळनेरच्या घरासमोरच्या अंगणात ५ अशोकाची झाडे होती. होती यासाठी म्हणायचे कारण आता ती नाहीत. कापली ती सर्व.. ! कंपाऊंड बांधण्यासाठी केवळ. बरं असो. तर सांगायचं असं कि ती गगनचुंबी झाडे अत्यंत शोभिवंत होती. कोवळ्या उन्हात ती नुकतीच उमलणारी कोवळी सोनेरी पाने तान्हा बाळाईतकीच गोंडस दिसायची. अर्थात हे सौंदर्यदृष्टी मला मिळाली ती माझ्या बाबांकडून. शहराच्या मध्यवर्ती भागात असणारा आमचा टूमदार बंगला !

अगदी बाजुलाच सिताफळाची झाडं, त्यांना लगडलेली टपोरी लहानमोठी सिताफळे. त्यांना तासनतास न्याहाळत बसणे हा जणुकाही माझा छंदच होता. अगदी शिशिर ऋतू मध्ये होणारी पानगळ, मग वसंत ऋतूत फुलणारी नवी कोवळी मनमोहक पालवी, त्यानंतर मृग नक्षत्रात पहिला पाऊस पडल्यावर येणारी सिताफळाची फुले. अर्थात ती फुले लहान मिरच्यांसारखी दिसायची. ज्यांच्याकडे सिताफळाची झाडे आहेत त्यांनाच हे लक्षात येईल. जोमाने येणा-या पावसात त्यातली बरीच झडून देखील जायची. तेव्हा जे कमालीचं दुःख व्हायचं म्हणून सांगू ! अर्थात त्यानंतर मग जे झाडावर तग धरून राहिले त्यांनाच पुढे सिताफळाचा आकार यायचा. आज ह्या सगळ्या गोष्टी आठवताना लक्षात येतं की निसर्ग हा आपला गुरु आहे असं मोठे मोठे कवी का म्हणतात ते. ती जणू एक शिकवण होती, की आयुष्यात अनेक संकटे येतात, वादळे येतात. त्यांच्या येण्याने डगमगून जायचं नसतं. कोलमडून जायचं नसतं. कारण नियती परिक्षा पाहत असते आणि अधिकाधिक मजबूत देखील बनवत असते. कारण भविष्यात त्याच तग धरून असलेल्या फुलांच गोड पुर्ण पिकलेल्या फळात रुपांतर होते. कित्येक वर्ष ही रसायनविरहित फळे चाखली आहेत मी. पण ती झाडे पण आता नाहीत. जागामालकाने आलिशान बंगला बांधला तिथे. म्हणून आता ती झाडे देखील माझ्या आठवणींच्या कप्प्यातच उरली आहेत.

पुर्वीच्या काळी माणसे निसर्गाशी नातं जोडून असणारी आणि त्याला आपला मित्र मानून कसलीही हानी पोहचणार नाही याची पुर्णतः खात्री असणारी जीवनशैली जगत असत. पण जसजसा काळ बदलला तसे माणुस स्वतः ला सर्वशक्तिमान समजू लागला. त्याचा सर्वोपरी असण्याचा अहंकार त्याला निसर्गापासून दूर नेऊ लागला.



तो हे विसरला की या धरणीमातेचे मनुष्य प्राण्यावाचून काही देखील अडत नाही. उलट मानवाचे संपुर्ण अस्तित्वच निसर्गावर अवलंबून आहे. अंतर्गत कलह, श्रेष्ठत्वाची खोटी अभिलाषा आणि यासोबत जसं माकडाच्या हाती कोलीत यावं त्याप्रमाणे लाभलेले अजोड बुद्धीचे वरदान, या गोष्टी पृथ्वीच्या मुळ अस्तित्वावरच घणाघात करू पाहत आहेत. पृथ्वीच नाही तर अवकाशात देखील कचरा करणारा हा मनुष्य ब्रम्हांडाला वेठीस धरू पाहत आहे. प्रगती अशी असावी जी कुणाच्या अस्तित्वावर उठू नये. या विनाशस्थाला वेसण घातली ती कोरोना या वैश्विक महामारीने ! सारं जगच थांबलं. प्राण्यांना कैद करून स्वतः स्वातंत्र्य उपभोगणारे मनुष्य स्वतःच कैद झाले. पृथ्वीची न भूतो न भविष्यति अशी गेलेली रया परत आली. खरंतर हा आपल्या मनुष्य प्रजाती साठी खुप मोठा धडा होता. पण केलेल्या अक्षम्य चुका आणि त्यांची मिळालेली अभुतपूर्व शिक्षा यातुनही जर आपण काही शिकणार नसू तर आपल्यासारखे बुद्धी असुनही नसणारे आपणच !

लोकसंख्या वाढली तसं शहरे वाढविण्यासाठी शतकभर आयुष्य असणारी झाडे तोडली गेली. पशु पक्ष्यांचा हक्कांचा अधिवास नष्ट केला गेला. येन केन प्रकारे अशा कित्येक निष्पाप जिवांच्या हत्येचे पाप आपण आपल्या माथी घेत आहोत. आणि आपल्याला त्याचं कसलही सोयर्सुतक नाही. ही पृथ्वी आपली माता आहे. ती पराकोटिची क्षमाशील आहे. तिच्या बाळांचे सारे अपराध ती पोटात घेते. पण एका मुलाला दुस-याशी वैर करताना बघून एका आईला होतील तितक्याच वेदना तिला देखील होत असणार ! आणि कित्येक पर्यावरणवादी हे जगाला ओरडून सांगत आहेत. गरज आहे ती प्रत्येकाने पर्यावरणवादी होण्याची. तरच आपण भूमातेचे ऋण काही अंशी का होईना चुकते करू शकतो.



दिव्या चौधरी
एस्. वाय. बी. टेक
कॉम्प्युटर

लॉकडाऊन मधील वास्तव्य

१३ मार्चची संध्याकाळ. सर्व लोक आपापल्या कामा वरून, विद्यार्थी शाळेतून, कॉलेजमधून तुडुंब बस चा प्रवास करून घरी जात होते. पण अचानक कोणाच्या ध्यानीमनी नसताना दुसऱ्या दिवशी पहाटे पासून पुणे शहरासाठी लॉकडाऊन सुरू होणार होता.

या सगळ्या गोष्टींची सुरुवात २०२० च्या आरंभापासून सुरू झाली. चीनच्या एका शहरमधून सुरू झालेला या विषाणूचा प्रवास बघता बघता जगाच्या काना-कोपऱ्यापर्यंत झाला. पहिले चीन नंतर युरोप व अमेरिका आणि शेवटी भारतामध्ये याच्या थैमानाला सुरुवात झाली.

सर्वात पहिले केरळ आणि महाराष्ट्राच्या काही शहरांमध्ये या विषाणूचे काही रुग्ण सापडले होते. आणि याचा प्रादुर्भाव कमी होण्यासाठी त्या-त्या राज्यातील प्रशासनाला लॉकडाऊनचा पर्याय निवडावा लागला कारण या विषाणूला थोपवण्यासाठी कोणतेही औषध किंवा लस तो पर्यंत अस्तित्वात नव्हती. आणि २-३ दिवसांनी पंतप्रधानांनी देशभर संपूर्ण लॉकडाऊन सुरू केला आणि नागरिकांना लॉकडाऊनचे नियम पालन करण्याचं आवाहन केलं.

या लॉकडाऊनच्या काळाची सुरुवात लोकांमध्ये भीती आणि उत्सुकतेने झाली. काही लोक आणि विद्यार्थी जे पुणे, मुंबई सारख्या मोठ्या शहरांमध्ये काम करत होते, शिक्षण घेत होते त्यांना त्यांच्या मूळ गावी जाण्याची ओढ लागली होती.

कारण शहरांमध्ये जीवनावश्यक सेवा आणि आरोग्य सेवा सोडून बाकी सर्व व्यवसाय, वेगवेगळ्या कंपन्या, सर्व शाळा, कॉलेज काही काळासाठी बंद राहणार होते.

म्हणून रेल्वेस्थानक आणि बसस्थानकाचा परिसर लोकांच्या गर्दीने भरून गेला होता पण २-३ दिवसांमध्ये सर्व बंद सुरू झाला. सर्व रेल्वेगाड्या आणि बस बंद करण्यात आल्या. लोकांमध्ये या बदल ची समिश्र भावना होती. लॉकडाऊनचा सुरुवातीचा काळ मजेचा होता. विद्यार्थ्यांना शाळा नव्हती, लोकांना कामाला नव्हते जावे लागत. भरपूर मोकळा वेळ मिळाला होता. या वेळात काही लोकांनी त्यांची जुनी आवड, छंद जोपासले. काहींनी कुटुंबा बरोबर वेळ घालवला. बऱ्याच दिवसांनी काहींनी गावाला खूप वेळ घालवला.



पण नंतर जस जसा या विषाणूचा प्रादुर्भाव वाढू लागला तस तसा लॉकडाऊनचा काळ लांबत गेला. आणि लोकांमध्ये नकारात्मक भावना येऊ लागली होती. आपण या मधून बाहेर पडू शकतो की नाही. पण आरोग्य विभागातल्या लोकांनी दिवस - रात्र काम करून या विषाणूला थोपवून ठेवलं. आता लस देखील आली आहे.

या लॉकडाऊन मध्ये खूप गोष्टी दिसून आल्या. लोकांमधील माणुसकीची भावना, समाजाप्रतीची जागरूकता, संयम. खूप लोकांच्या नोकऱ्या गेल्या, व्यवसाय बंद झाले. पण या सर्वांमधून खचून न जाता पुन्हा त्याच उमेदीने उभे राहणे गरजेचे आहे. जसा फिनिक्स पक्षी राखेतून भरारी घेतो तसेच आता आपल्याला ही अर्थव्यवस्थेला आलेली मरगळ झटकून पुन्हा भरारी घेण्याची गरज आहे.



प्रद्युम्न पुंड
टी. वाय. बी. टेक.
आय. टी.



गुरुवे नमः !!

“ध्यानमूलं गुरुर्मूर्तिः
पूजामूलं गुरुर्पदम् ।
मन्त्रमूलं गुरुर्वाक्यं
मोक्षमूलं गुरुकृपा ॥”

हे अगदीच योग्य आहे एकंदरीतपणे सांगायचं म्हटलं तर जीवनाचे मूळ आहे गुरु.गुरु आहे तर दोनच अक्षरी शब्द पण प्रत्येकाच्या आयुष्यातील असे व्यक्तिमत्व ज्यांच्यामुळे आपली व्यक्तिरेखा बनते, गुरु ते आहेत जे आपल्याला या घनदाट अरण्यरूपी आयुष्यामध्ये आपले ध्येय व ध्येयप्राप्तीचा मार्ग दाखवतात. यांच्यामुळेच आपण जीवनातील लहानात-लहान गोष्टीपासून काही ना काही शिकत असतो.

अशाच काही गुरु -शिष्य संबंधाचा आढावा घ्यायचा म्हटलं तर या परंपरेचा वारसा आपणास अगदी पुरातन काळापासून लाभला आहे आज आपण अर्जुनाला एक अजय योद्धा, उत्कृष्ट धनुर्धर म्हणून ओळखतो तर ते फक्त आणि फक्त द्रोणाचार्यामुळे.चंद्रगुप्त मौर्य यांनी अखंड भारताचे स्वप्न साकारले ते फक्त आचार्य चाणक्य यांनी दिलेल्या शिक्षेमुळे. शिवरायांनी स्वराज्याचा पाया रचला तो त्यांच्या मातोश्री जिजाऊंच्या प्रोत्साहनामुळे.एवढेच नव्हे तर एका साधारण नोंदराच्या असाधारण गुणांची पारख करून त्यांना स्वामी विवेकानंद बनवणारे होते त्यांचे गुरु रामकृष्ण परमहंस.

या महान पुरुषांच्या जीवनामध्ये त्यांचे गुरु नसते तर ते क्वचितच त्या ठिकाणी पोहोचू शकले असते. प्रत्येक यशस्वी माणसाच्या मागे त्यांचे गुरु असतात मग ते शिक्षकांच्या स्वरूपात असो किंवा आई-वडिलांच्या स्वरूपात.

जीवनाच्या या कठीण यात्रेमध्ये गुरुला अनन्यसाधारण महत्त्व आहे जेव्हा एकटेपणा भासतो, आपल्याला वाटतं की आता मी काही करू शकणार नाही, जेव्हा पाठीवरती हात ठेवून लढ म्हणायला कोणी तरी लागतं तेव्हा पाठीवरती हात ठेवून लढ म्हणतात ते गुरुच असतात आयुष्य घडवण्याची सकारात्मक ऊर्जा आपल्याला त्यांच्याकडूनच मिळते.

आयुष्यात सर्वात महत्वाचा गुरु म्हणजे ‘ काळ ’ तो जीवनाच्या प्रत्येक क्षणी तुम्हाला धडे देत असतो, चांगले दिवस तोच दाखवतो व वाईट दिवसात.

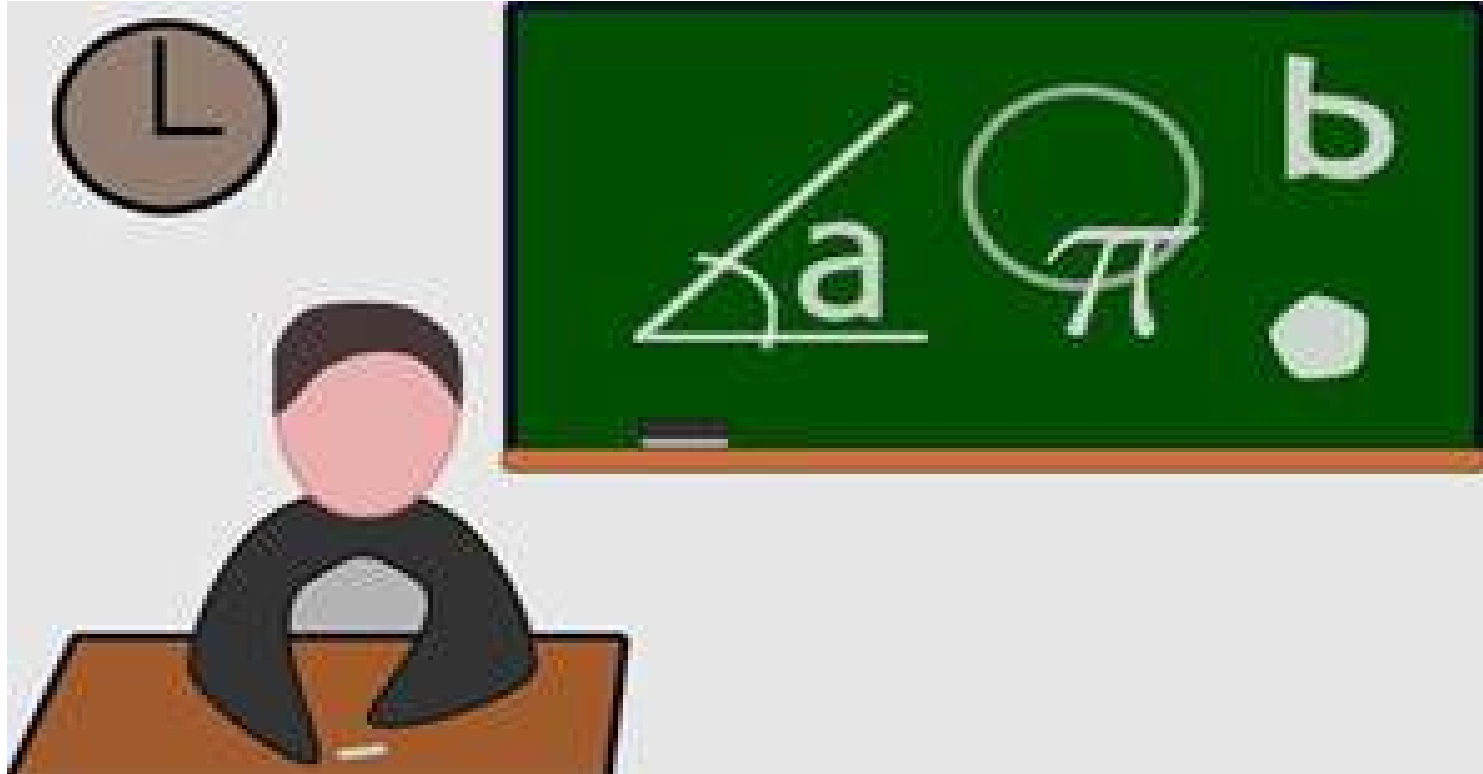
“ जन्माला आला आहेस
थोड जगून बघ
जीवनात खुप दुःख आहे
थोड सोसून बघ ”

या गोष्टी पासून तर एवढी शिकवण मिळते की,

“ गुरुविण न मिळे ज्ञान
ज्ञानवीण नाही जगी सन्मान
जीवन भवसागर तराया
चला वंदू गुरुराया । ”



अस्मिता वाडीकर
टी. वाय. बी. टेक.
सिविल



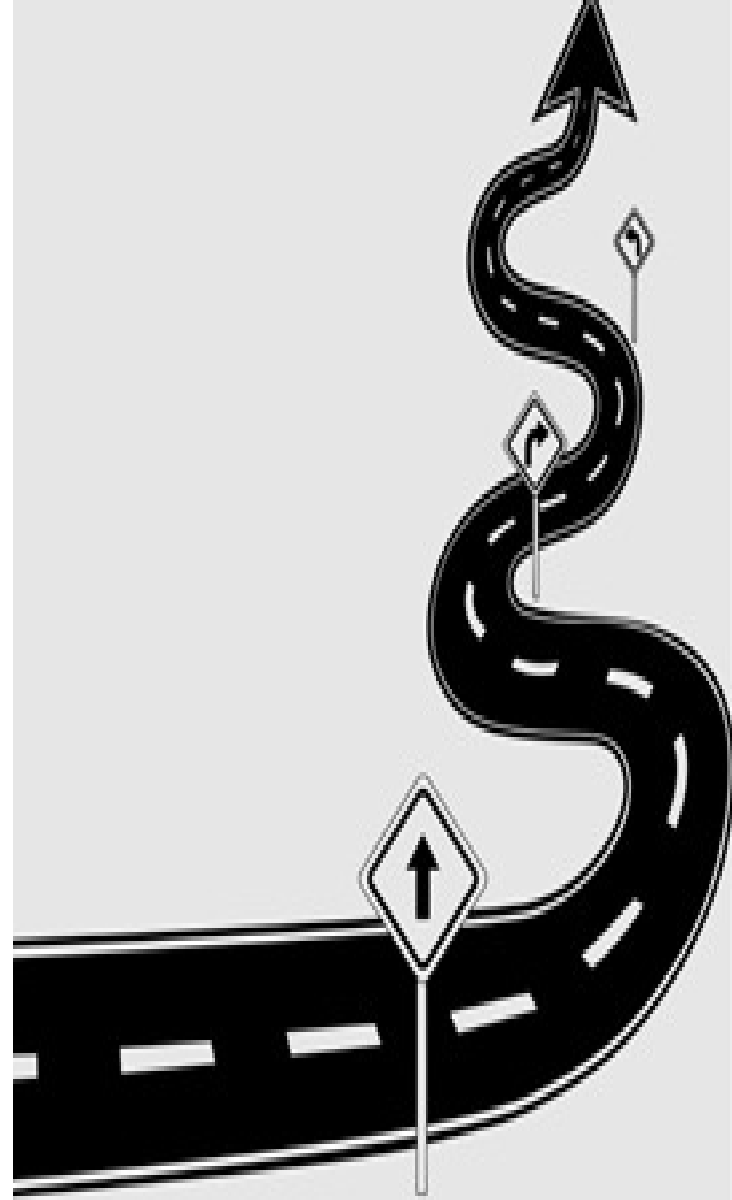
हे सुद्धा तोच सांगतो यापासून आपल्याला शालेय ज्ञान भले ना मिळो पण व्यवहारिक ज्ञान परिपूर्ण मिळते. काळ माणसाला बदलण्याची शक्ती सुद्धा ठेवतो.जीवनामध्ये काय करावे ? व काय करू नये ? हे सुद्धा आपण काळा कडूनच शिकतो. आयुष्यामध्ये मित्र बनवणे आपल्यावर अवलंबून असतं पण काळ आपल्याला शिकवतो की कोणा सोबत मैत्री करावी व कोणासोबत करू नये.



प्रवास

आपण सर्वांनी “मिशन मंगळ” हा चित्रपट पहिलाच असेल. आपल्या देशाच्या अवकाशातील उल्लेखनीय कामगिरीपासून ते छोट्या छोट्या गोष्टी आपला दृष्टिकोन कसा बदलू शकतात हे सांगणारा हा चित्रपट. असो मला चित्रपटाच्या सारांश मध्ये नाही जायचे पण यामधील अवकाशयाना प्रवास जर आपण पहिला असेल तर आपल्याला त्यामधील रोमांच, अनिश्चितता कळेल, कोणत्याही क्षणी काहीही होऊ शकते. कधी सर्वकाही सुरळीत चालून मोहीम आपल्या अपेक्षेप्रमाणेच यशस्वी होऊ शकते. पण कधी नवीन आव्हाने येऊ शकतात, तंत्रज्ञानात बिघाड होऊ शकते. अगदी मोहीम अयशस्वी सुद्धा होऊ शकते. आपण जर या प्रसंगांचा बारकाईने विचार केला तर आपल्याला जाणवेल आयुष्यात देखील असेच नाही का ? प्रत्येक वेळी आपल्याला यश मिळेलच असं नाही. पण महत्वाची गोष्ट ही की प्रत्येक पराभवातून आपल्यातून अश्या काही गोष्टी उदयास येत असतात. जसा आपले आपले नशीब म्हणजे पॅन्डोरा बॉक्स. रहस्यमय भविष्यात, पुढे काय येईल याचा अंदाज नाही. कदाचीत खूप अडचणी येतील. आपल्या परीक्षा घेतील, आपल्या मनात प्रश्नांची उलथापालथ मांडतील, त्याग, प्रेम, विश्वास या सर्वांच्या वर प्रश्न उपस्थित करतील पण सगळ्यात महत्वाचे आपण पास होऊ वा नापास पण खूप काही शिकवून जातील. पण प्रयत्न हा या सर्वांचा एक महत्वाचा भाग म्हणता येईल. कारण जेव्हा आपल्या प्रयत्नात कमी नसते तेव्हा आपल्याला पुढे किती जरी मोठे लक्ष असेल तर त्याची फिकीर नसते.

यश अपयश हा तर सृष्टीचा नियमच आहे. आणि हा नियम सगळ्यांना लागू बर का कारण अगदी देवांनासुद्धा समुद्रमंथनामध्ये विषाचे घोट पचवल्यावरच अमृताचा आस्वाद मिळाला होता. गरज असते ती फक्त आपल्या आत्मविश्वासाच्या नौकेला शंकेचा समुद्रात न डगमगु देता किनाऱ्यापर्यंत नेण्याची.



अशा वेळी आपल्या प्रयत्नांना योग्य दिशा दाखवण्याचे महत्वाचे योगदान असते गुरुंचे. जर चार अश्यांची ताकद असणाऱ्या रथाला सारथीच नसेल तर त्याच्या सामर्थ्याचा योग्य उपयोग करून घेणं कठीण जाईल. हेच काम तर आपले गुरु करतात. आपल्या कलागुणांचे योग्य आकलन करून, ज्या काही कमकुवत बाबी असतील त्यांच्याबाबत योग्य मार्गदर्शन करण्याचे काम. पण हो जर गुरु श्री कृष्ण यांच्यासारखा हवा असेल तर स्वतः अर्जुना सारखे कष्ट करण्याची तयारी ठेवावी लागेल. गुरु शिष्याचा योग्य मेळ बसला तर जगज्जेता योद्धा पण पराभुत होऊ शकतो, हे सुद्धा आपल्याला चंद्रगुप्त मौर्य आणि त्यांचे गुरु चाणक्य यांनी दाखवून दिले, सिकंदर याला पराभुत करून. यामध्ये सुद्धा चाणक्य यांच्या मार्गदर्शना इतकीच महत्वाची होती चंद्रगुप्त मौर्य याची चिकाटी. स्वतःवर विश्वास ठेऊन जर प्रत्येकाकडे गुरुच्या दृष्टीने पाहिले, तर आपण सुद्धा एकलव्यासारखी भरारी नक्कीच घेऊ शकतो. पण शेवटी मार्गदर्शनाला कष्टाची जोड हवीच.

“तूच माती तूच वारं...
तूच तुझ्या जीवनाचा कुंभार
तुझ्या विचारांचे वळणच
देई तुझ्या जीवना आकार”.



वरद खोत
माजी विद्यार्थी
इ. एन. टी. सी.



अस्तित्व माय मराठीचा

अमृतापेक्षा जीची गोडी लागते ती माझी माय मराठी. अभिमान म्हणा किंवा गर्व म्हणा, मान म्हणा किंवा विचार म्हणा, जगातील कुठल्याही सुंदर वस्तूशी तुलना करा परंतु मला आणि माझ्या मनाला भावणारी ती म्हणजे माझी माय मराठी.

मराठी हि एक फक्त भाषाच नसून प्रत्येक मराठी वाचकाची, मराठी मनाची अस्मिता आहे. अंतरआत्म्याची खोली आहे. जिला ज्ञानेश्वरांच्या ज्ञानेश्वरी पासून तुकारामाच्या गाथेपर्यंत, वर्षानुवर्षे चालत आलेल्या अनेक मोठ्या शूरवीरांच्या विचारांपर्यंत, शिवाजी महाराजांच्या शौर्यापासून संभाजी महाराजांच्या त्यागापर्यंत आणि प्रत्येक मराठी माणसाच्या मनात जिला प्रथम स्थान मिळाले आहे ती आपली माय मराठी.

तर आता जागतिकीकरणाच्या ओघात आणि इंग्रजी संस्कृतीच्या आक्रमणाने मराठी भाषा आणि तिच्या सद्यस्थितीवर अनेक प्रश्न उठत आहेत. कधी वाटतं की, आपणच आपल्या हाताने आपल्या संस्कृतीचा गळा घोटत पाश्चात्य संस्कृतीला जन्म देतो की काय ?

आज आपण आपल्या महाराष्ट्राचा विचार केला तर आपल्या लक्षात येईल की अनेक लोक आपल्या मुलांना इंग्रजी शाळांमध्ये पाठवतात. सर्वांना वाटतं की, आपल्या पाल्यांना इंग्रजी भाषा अवगत व्हावी खरं तर हे वाटणं वावगं ठरणार नाही.

कारण त्यामागची कारणंही तशीच आहेत. आपण पाहतो की, अनेक कार्यालयांमध्ये, नोकऱ्यांमध्ये सर्वप्रथम स्थान हे इंग्रजीलाच दिलेला आहे. त्यामुळे प्रत्येक पालकांच्या मनात भविष्याच्या भीतीपोटी त्यांना वाटत असते की, आपल्या पाल्यांना इंग्रजी येणं खूप गरजेचं आहे, त्यातल्या-त्यात मातृभाषेचा विसर पडला तरी चालेल.

सध्या महाराष्ट्रात साधारणतः दहावीपर्यंतच्या ७६ हजार शाळा आहेत आणि बारावीपर्यंतच्या ६ हजार मराठी शाळा आहेत व गेल्या काही वर्षांपासून नव्या मराठी शाळांना परवानगी देणे बंद झाले आहे.

“ माझ्या मराठीची बोलू कौतुके
परी अमृतातेही पैजा जिंके
ऐसी अक्षरे रसिके
मेळवीन ”

अशाप्रकारे संत ज्ञानेश्वरांनी मराठी भाषेचा एकाप्रकारे “ भाषेची ज्ञानभाषा “ असा गौरव केलेला आहे. मराठी भाषा शौर्याचे प्रतिक आहे. मराठी भाषक समाजाची प्रवृत्ती आणि इतिहास लक्षात घेता कला, सामाजिक विचार आणि आध्यात्म या क्षेत्रांमध्ये मराठीचे साधन प्रभावीपणे होऊ शकते. सामाजिक आणि आध्यात्मिक विचार हे मराठीची ताकद आहे.

आता प्रश्न उरतो की, मराठी भाषेचा विकास कसा करायचा ? तिला कशा प्रकारे समर्थ करायचं ? खरं तर मराठी भाषिक समाजाचा दृष्टिकोन बदलणे गरजेचे आहे.



मायबोली किंवा माय मराठी हे शब्द म्हणून दाखवण्यापुरती आग निर्माण करणे, हळवे होणे अभिमानाची उमळे गात बसणे, एवढेच गरजेचे नाही किंवा एखाद्या राजकारणाला बळी जाऊन काहीही पाऊल उचलणं हे सुद्धा चुकीचं ठरेल. आपल्याला त्यासाठी तटस्थ राहून तिच्या विकासाबद्दल विचार करायला हवं. स्वच्छ विचार करून मराठीच्या विकासासाठी योग्य ते पाऊल उचलणे गरजेचे आहे. आणि मराठी भाषेच्या समृद्धीसाठी आपले योगदान देणे खूप गरजेचे आहे. शेवटी एवढंच की, मला माझ्या माय मराठीला समृद्ध करायचं आहे.



त्रिवेणी सुरेश गायधने
एस.वाय.बी. टेक
इ. एन. टी. सी.

मी शेतकरी बोलतोय !!!

नमस्कार मंडळी.. मी शेतकरी बोलतोय. होय, तुमचाच मित्र मी; जो दिवसभर तुम्हा सर्वांसाठी शेतामध्ये राबराब राबतो आणि या देशातील जनतेसाठी, पोटापाण्यासाठी राबून राबून घाम गाळतो, माझ्या भावांनो, तुम्हाला माहिती आहे काय रोज तुम्ही जे अन्न खाता, जेवण जेवता ते कुठून येतं ते? नाही ना? अहो तुम्हाला कुठे तेवढा वेळ ! तुम्ही व्यस्त माणसं आहात ना ! जाऊ द्या, मीच सांगतो ते आलं आहे माझ्या सर्जा-राजाच्या कर्मभूमीतून, अन् त्यांच्या शेतामधून. तुम्ही म्हणाल मग त्याचं काय? बरोबर आहे साहेब तुम्हाला त्याचं काय ! तुम्ही पैसे मोजताना हो त्याच्यासाठी. पण साहेब ते पैसे खरंच माझ्या सर्जा-राजाच्या हातात मिळतात का हो? विचार करता काहो कधी ? अहो एकदा बघा की शंभरदा उत्तर नाहीच मिळणार आहे. माझ्या सर्जा - राजाच्या मेथीची भाजी ची जोडी पंधराला असली तर दहा न मागता अन् तेच पिझ्झा खायला गेलं की मान गुपचूप खाली घालून पैसे मोजता.तेवढेच काय दानशूरा सारखे टिप हि देता वरून, लाज वाटावी असं विदारक सत्य आहे हे आपल्या राष्ट्राचं. भारत हा नावापुरता कृषिप्रधान देश आहे. अशा या कृषिप्रधान देशात शेतकऱ्याची एवढी बिकट अवस्था; पण बघणार कोण? राजकारणी मस्त अधिकारी वर्ग व्यस्त आणि शेतकरी मात्र गप्प गप्प गप्प...

आपल्या देशात एखाद्या स्टार ने आत्महत्या केली की त्याची क्षणात चौकशी चालू होते, अरे बांधावर जाऊन बघा हजारो शेतकरी दररोज आत्महत्या करत आहेत, त्यांची चौकशी करणारं कोण आहे ?

की सर्वकाही रामभरोसेच आहे. त्यांच्यासाठी पण एक लक्षात ठेवा शेतकरी गप्प आहे म्हणून त्याचा फायदा नका घेऊ, त्याचा उद्रेक झाला तर पळता भुई थोडी होईल.

शहरात पाच मिनिटे लाईट गेली की गोधळ उडतो; तेवढेच काय वेळा बदलल्या लाईटच्या तरी बोंबाबोंब. शेतकऱ्याच्या घरात तर कायमचा अंधार आहे ना ! तेवढेच काय शेतातली लाईट सुद्धा रात्रीच असते. तरी सुद्धा त्याची कधीही काडीमात्रही तक्रार नसते.

तुमच्यासाठी राजकारणी यांची दिवाळी कशी होते हे मीडिया वाले दाखवतील तुम्हाला; पण माझ्या शेतकऱ्यांची दिवाळी होईल का नाही यात सुद्धा साशंकता आहे.

हे पण बघायला तुम्ही लोक तयार नाही.वर्षभर राबायचं काबाडकष्ट करायचे पण आलेलं सावकाराच्या घशात घालायचं. एवढं करूनही सुखाचा क्षण नाही आयुष्यात, की विश्रांती क्षणभर नाही, की घास नाही सुखाचा. तुम्ही फाइव स्टार हॉटेल मध्ये जेवा माझ्या अन्नदात्याला बांधावरच जेवू द्या, पण ते सुखाने ! ही कळकळीची विनंती आहे तुम्हा सर्वांना.

जगाचा पोशिंदा आहे तो, तो सुखी नसेल तर देश सुखी नाही. शेतकरी सुखी नसेल तर जग सुखी होणार नाही. आपल्या देशात ७० टक्के लोक हे शेतीवर अवलंबून आहेत. त्याच्यामुळे त्याला जपा तो आहे म्हणून देश आहे. आपल्या लोकांना थोडी जरी थंडीची लाट आली तरी त्याची चर्चा मिडीयावाले करतात;

पण शेतकऱ्याची शेतातली लाईट तर रात्रीच असते शिवाय त्याच्याकडे ब्रांडेड महागडे उबदार कपडेही नसतात. तरीही काहीएक तक्रार न करता हा मर्द गडी लढायला तयार आहे. फक्त त्याला साथ द्या. त्याला सोबत द्या, तुम्ही थोडे पावसात भिजला की सर्दी होते, आजारी पडतात.शिवाय राजकारणही चांगलंच शिजत; पण शेतकरी हा कायम पावसातच असतो. तर अशात तो पाऊस ही अवेळीच येतो.

हा निसर्ग सुद्धा साथ देत नाहीये.एवढ पाप आहे का माझ्या शेतकरी राजाचा नशीब? या माणसांनी साथ सोडली म्हणून निसर्गाने पण माझ्या बळीराजाची परीक्षा घ्यावी. एवढे दुःख सोसावं त्यांन.

झालीच तर ढगफुटी, नाहीतर दुष्काळ ! हातातोंडाशी आलेला घास हिरावला जातो अशाने. शेतकऱ्यांच्या शेतात सहजासहजी पोहता येईल इतकं पाणी साचत. त्याचं काहीच नसतं तुम्हाला; तुम्हाला त्याचं काय ?

सोयाबीनचे काढून टाकलेले पीक एखादं झाडाचं पान वाहून जावं तसं वाहून जाताना पाहुन काय वाटत असेल त्याच्या जिवाला? काय वाटलं असेल त्याला याचा विचार कधी केलाय? केला नसेल तर आता करा ! तुमची आमची मुलं इंग्लिश मीडियम स्कूल मध्ये शिकतात पण माझा भावी शेतकरी बांधव मात्र कधी शाळेत जाता येईल की कधी नाही असं करत मैलोन् मैल अनवाणी पायपीट करत शाळेला जातो. लवझरी बस नका देऊ त्याला. अरे तो भिक नाय मागत त्यांचा हक्क मागतोय आज महिनोन महिने दिल्लीला शेतकरी विरोधात असलेले तीन विधायक मोडीत काढण्यासाठी माझा शेतकरी बांधव दिल्ली, आग्रा, पंजाब कुठून कुठून एकत्र होऊन दिल्लीला येतोय! सरकारला मागण्या मान्य करण्याची विनंती करतोय. तरी डोळे उघडत नाहीत आपल्या सरकारचे.



हा आपला कृषिप्रधान देश आहे. भलेही ते विधायक त्याच्या सोयीस्कर असतील नसतील तो भाग वेगळा. परंतु त्याला काहीच किंमत नाहीये का? एवढ्या बैठका होऊनही निर्णय निघत नाही हा फक्त दिखावाच आहे का ?

असो सांगायचं तात्पर्य एवढेच की आज जर तुम्ही शेतकरी नाही ना जपला तर उद्या तुम्हाला अन्नपाण्याविना मरावे लागेल. तुम्ही भलेही फाइव स्टार हॉटेलमध्ये जेवा; पण त्याच्यासाठी येणारं हे पीक, अन्नधान्य शेतकऱ्यांच्या बांधावरच पिकतं हे मात्र लक्षात असू द्या.

तुम्ही भलेही कुठे पिझ्झा खाल काहीही खा. पण त्यासाठी लागणारा पीक आहे ते शेतकरी राजाच्या शेतातच पिकतं त्याच्यामुळे त्याला जपा. त्याची काळजी घ्या; तरच आपला देश कृषिप्रधान देश होईल. भारत हा महान देश आहे. तूम्ही महान कृषिप्रधान देश बनवण्याचा प्रयत्न करा. हे तुमचं आमचं नव्हे तर माझ्या छत्रपती शिवरायांचे स्वप्न आहे ते पूर्ण करण्याचा प्रयत्न करा...

जय हिंद..जय भारत..



प्रसाद गोरे

एस.वाय.बी.टेक
सिविल

शाळेतील शिक्षक दिन

शिक्षक दिन म्हटलं की प्रत्येक व्यक्तीला आपल्या शाळेतले ते सुंदर दिवस आठवतात. तर आज शिक्षक दिननिमित्त आपण आपल्या शाळेतल्या काही आठवणीबद्दल बोलुयात. मराठी मिडीयम शाळेमध्ये काही दिवसापूर्वीच शिक्षक दिनाची तुफान तयारी चालू असते. विद्यार्थ्यांना आणि शिक्षकांना या दिवसाची उत्सुकता असते. मी शाळेत असताना शिक्षक दिनाची वर्ग सजावटीची स्पर्धा असायची. विद्यार्थ्यांची नुसतीच धावपळ असायची. सजावटीचे सामान कसेतरी कोणाकडे गयावया करून नाहीतर वर्गणी काढून जमा करण्यात यायचं आणि मग मुलांची स्पर्धा जिंकण्यासाठी अगदी झोकून देऊन तयारी सुरू व्हायची. वर्गातले हुशार मुले आणि मुली भाषण तोंडपाठ करण्याच्या तयारीत मग्न व्हायचे तर वर्ग प्रतीनिधी म्हणजेच आपला क्लास मॉनिटर थाटात सर्व विद्यार्थ्यांना उपदेश करत असायचा शिक्षकांचे आदरातिथ्य व औक्षण करण्याचा मान देखील त्याच्याच वाट्याला असयचा. इतर काही विद्यार्थी आज गुरुजींना गुलाबाचे फुल द्यावे की भेटवस्तू द्यावी या गोंधळात असत. रोज बेरंग आणि भकास वाटणारा तो वर्ग शिक्षक दिनी अनेक रंगाच्या पताका आणि भितीपत्रिकानी गजबजून जायचा. आज दाराच्या बाहेर वर्गातून काढलेल्या खट्याळ मुलांनं ऐवजी रांगोळी चा कोंबडा असायचा. मग जेव्हा शिक्षकांचे आगमन व्हायचे तेव्हा सर्व विद्यार्थ्यांची अगदी तारांबळ उडायची. तारेवरची कसरत करून केलेली कार्यक्रमाची तयारी सुद्धा कमी वाटायला लागायची. शिक्षकांच्या वाटेत फुलांच्या पाकळ्या एखाद्या निरागस बाळा सारख्या निपचित पडून असायच्या.



शिक्षकांचे आगमन झाल्यावर घाबरलेल्या विद्यार्थ्यांच्या भीतीचा नारळ फोडून कार्यक्रमाला सुरुवात करण्यात यायची. इतके दिवस तयारी करून सुद्धा अनेकांची भाषणे चुकायची तर कोणाचे शब्दा अडखळायचे पण शिक्षकांनी मात्र कधीही तक्रार केली नाही कारण त्यांना कौतुक विद्यार्थ्यांच्या जीवतोड प्रयत्नांचे असायचे. उतारावरून सोडलेल्या चेंडुसारखा आमचा कार्यक्रम गडगडत, अडखळत शेवटी पूर्ण व्हायचा, शिक्षकांच्या चेहऱ्यावरचा आनंद विद्यार्थ्यांसाठी पारितोषिकापेक्षाही मोठा असायचा. कार्यक्रमाच्या सुरुवातीपासून ते शेवटपर्यंत शिक्षकांच्या चेहऱ्यावर एक मंद स्मित हास्य असे कारण त्यांच्यासाठी केलेला हा आटापिटा देखील त्यांच्या हृदयाला स्पर्श करून जायचा. जवळ जवळ पूर्ण शाळेतल्या मुलांना आशीर्वाद देऊनसुद्धा शिक्षक थकायचे नाही. तरीही यावेळी आपलाच वर्ग जिंकणार असं म्हणून आमचा शिक्षक दिन समाप्त व्हायचा.



स्नेहा खराटे

एस.वाय.बी.टेक.
आय. टी.

सुख म्हणजे नक्की काय असतं !

आपल्यापैकी प्रत्येकालाच आयुष्यात सतत काहीतरी पाहिजे असतं. प्रत्येकाची एक ‘ मला अमुक हवंय. मला तमुक हवंय ’ ची भलीमोठी यादी सतत डोक्यात असते. पण या यादीत दुःख कधीच नसतं. अर्थात पर्यायाने सर्वांना फक्त सुखच हवं असतं. मग इतकं हवंहवंस वाटणार हे सुख नेमकं आहे तरी कुठे ? आणि ते कोणत्या मार्गाने मिळेल ? असे प्रश्न पडल्यास नवल ते काय !

खरंतर आपण सुखाला कधीही व्याख्येत बांधूच शकत नाही. सुख म्हंटल तर गरीबाच्या झोपडीत असतं म्हंटल तर राजाच्या महालातही नसतं. म्हंटल तर साध्या कांदा-भाकरीत असतं तर कधी ते पंचपक्वान्नातही नसतं. कधी ते फाटक्या कपड्यातही असतं तर कधी मखमली वस्त्रातही नसतं. याचा अर्थ सुख हे गरिबीतच असतं, उपभोगाच्या वस्तूत, ऐशोआरामात

नसतंच असं मुळीच नाही. परंतु यातून एक निष्कर्ष निघतो कि सुखाची व्याख्या हि सुखसुविधेच्या वस्तूंवर अवलंबून नसते तर माणसाच्या वैयक्तिक अशा अपेक्षावर अवलंबून असते. एखादी अपेक्षा पूर्ण झाली तर आपल्याला आंतरीक आनंद जाणवतो. त्या आनंदालाच सुख म्हंटल तर अर्थातच वावग ठरणार नाही. याउलट जर अपेक्षांचा भंग झाला तर मनाला वेदना होते आणि त्या वेदनेला आपण दुःख म्हणतो.

एकंदरीतच काय तर सुख - दुःख हे दोन्ही थेट अपेक्षांसोबत जोडलेले असतात. आणि यातही मोठी गंमत म्हणजे हि कि या अपेक्षा आपण फक्त इतरांकडूनच ठेवत नाही तर बऱ्याचदा त्या स्वतःकडूनही ठेवतच असतो. उदाहरणार्थ “ मला यावर्षी इतके गुण प्राप्त करायचे आहेत..... , मला यावर्षी हि गाडी घ्यायची आहे.... , मला हा जॉब मिळवायचा आहे... , ” वगैरे, आणि मग काय तर आपण यातील एखादी अपेक्षा पूर्ण करू शकलो नाही तर मग पुन्हा वेदना आणि दुःख !



मग तो दुःखाचा भार स्वतः सहन करणं मनाला झेपत नाही तेव्हा आपण त्या अपयशाचे थोडे थोडे दोष इतरांना देऊन मोकळे होतो. सोप्या शब्दात म्हणजे आपल्यावरच्या परिस्थितीचे खापर दुसऱ्यांच्या डोक्यावर फोडण्याचा प्रयत्न करतो.

इतरांना दोष देण्यापूर्वी क्षणभर आपण हा विचार का करत नाही की इतरांच्याही आयुष्यात काही अडचणी असू शकतात. त्यांनाही सतरा इतर कामं असतात तेव्हा माझे प्रश्न, माझ्या अडचणी सोडविण्याकरिता मलाच प्रयत्न करायला हवेत. अशा विचारांनी तुम्ही इतरांवरचं अपेक्षांचं ओझं कमी केलं तर निश्चितच अपेक्षा भंग टळेल आणि त्यातून होणाऱ्या वेदनाही टळतील. आणि वेदना नसल्यास पर्यायाने मनात आनंदच राहील.

इतरांची मदत घेऊच नये किंवा कुणाकडून अपेक्षा ठेवूच नये असं मुळीच नाही. पण जसं आपण इतर व्यक्तिकडून काही अपेक्षा ठेवतो तसंच इतरांनाही आपल्याकडून काही अपेक्षा असतीलचं, हा विचार मनात ठेवणं अत्यंत गरजेचे आहे. मी कुणाची एखादी अपेक्षा पूर्ण करू शकत नसेल तर त्या प्रकारच्या अपेक्षा मी इतरांकडून का ठेवाव्यात ? आपल्या विचारात असा प्रामाणिकपणा आपण बाळगला तर त्यातून आपल्याला समाधानरूपी सुख मिळाल्यावाचू राहणार नाही. अगदी संत - महात्म्यांप्रमाणे इतरांच्या सुखातच स्वतःच सुख बघणं जमत नसेल तर निदान संतांच्या शिकवणीप्रमाणे आपल्या कृतीतून विनाकारण इतरांच्या भावना दुखावल्या जाऊ नयेत, इतकी साधी खबरदारी तर प्रत्येकजण घेऊच शकतं ना ! इतकं जरी केलं तरीही 'मी कधी कुणाला उगाच दुखावलं नाही' या आनंदाला आपण पात्र नक्कीच होवूत.

तेव्हा आपल्याला शक्य होईल तेवढी इतरांची मदत करा, हि मदत पैशांपेक्षाही मोठी म्हणजेच भावनांची असू द्या. माणसाला भाषेच्या स्वरूपाने गोड शब्दांचे दैवी वरदान लाभले आहे. तेव्हा धीराचे, आशेचे आणि प्रेमाचे चार शब्द बोलून एकमेकांना आधार द्या. स्वतः मनाने खंबीर होऊन इतरांच्या समस्या सोडवण्याची साधी भावनाही मनात ठेवली ना, तरी पण त्यातून तुम्हाला समाधान देणारा, आनंद देणारा एखादा परोपकार तुमच्या हातून निश्चितच घडेल. आणि त्या सुखाच्या, आनंदाच्या भावनेपुढे आकाशही ठेंगणे वाटल्यावाचून राहणार नाही.



प्राची पाटील
टी.वाय.बी. टेक.
कॉम्प्युटर

देशभर साथीचा रोग असताना अभियंत्यांची भूमिका

जबाबदारी मोठी समाजास राखण्याची ।
रक्षणांला कायद्याच्या उभा ठाकण्याची ॥
समाजकंटकावर तो शिरजोर असतो ।
कर्तव्यदक्ष भारताचा पोर असतो ॥

या उत्कीप्रमाणे जीवनाच्या प्रत्येक संकटात अभियंतेच नाही तर भारताचा प्रत्येक पुत्र देश संरक्षणासाठी ढाल बनून उभा असतो. जीवनाच्या प्रत्येक चालीमध्ये, वळणामध्ये अभियंते महत्त्वाची भूमिका बजावतात, मूलभूत विज्ञानाचे ज्ञान ते उत्पन्नामध्ये रूपांतरित करण्याचे सर्वस्व ज्ञान त्यांना असते. ते बहुमुखी मनाचे असतात. विज्ञान - तंत्रज्ञान आणि समाज यांच्यात पूल बांधतात. अभियंता देशाच्या तांत्रिक आणि औद्योगिक प्रगतीमध्ये हात भार लावतात. एकत्रित संपूर्ण क्षेत्रात केलेल्या आपल्या कर्तृत्वामुळे २१ व्या शतकात भारत एक अग्रगण्य देश म्हणून उदयास येईल.

कोविड -१९ विषाणूचा जगभरात शिरकाव अचानक आणि नाट्यमय झाला आहे. मानवतेच्या संकटात आणि तत्काळ सर्व आरोग्यसेवा यंत्रणेचे कार्य करण्याची क्षमता धोक्याच्या दृष्टीने तत्काळ परिणाम दिसून येत असतात या विषयाचे सामाजिक, राजकीय आणि आर्थिक परिणाम देखील गहण आहेत.

अभियांत्रिकी धोरण गट नॉर्थ आयर्लंड च्या माध्यमातून तंत्रज्ञानाद्वारे कोणते फायदे मिळू शकतात हे IT वरिष्ठ निर्णयकारकांच्या लक्षात आणत आहे. "दूरध्वनी" औषध, निर्जंतुकीकरण रोबोटचा वापर आणि ॲप्स आणि सेन्सरचा वापर यांसारखे उपक्रम "डिजिटल" आरोग्य त्वरित संकटाच्या परिणामी समोर येईल.



अभियांत्रिकी व तंत्रज्ञान संस्था IT द्वारा संचालित क्रॉस शिस्तप्रिय संस्था, उत्तरी आयर्लंडमधील अभियांत्रिकी धोरण समूहाचे अध्यक्ष रॉजर उडस् यांनी ज्या परिस्थितीत आपण स्वतःला सापडलेल्या सदैव परिस्थितीबद्दल एक पत्र लिहिले. त्यात त्यांनी सर्व समस्या नमूद केलेल्या आहेत. अभियंते या कठीण परिस्थितीमध्ये सक्षमपणे उभे आहेत कोणत्या देशांनी विषाणूचा सामना करण्यासाठी तुलनेत चांगली कामगिरी केली आहे ते पाहण्यासाठी आपण अभियांत्रिकीची चिन्हे बघतो.

दक्षिण कोरियामध्ये असे नोंदविले आहे कि १०० मी मध्ये या ॲपने शक्य तितक्या वास्तविक संसर्गाविषयी जनसमुदायची माहिती एकत्रित करण्यात मोठी मदत केली ते ह्या अभियांत्रिकीच्या ज्ञानामुळे.

शेवटी, आपल्याला दरोजच्या जीवनात येणा-या विषाणूपासून संतुलित संरक्षणाची रचनात्मक, कार्यक्षम आणि प्रभावी प्रतिसादांची आवश्यकता आहे. अभियंता हा संपूर्ण बाजूने देशाला सक्षम करण्यात महत्त्वाची भूमिका बजावतो.



त्रिवेणी सुरेश गायधने
एस.वाय.बी. टेक
इ. एन. टी. सी.

“ सफर भीमाशंकर अभयारण्याची ” !!

धकाधकीच्या आयुष्याला फाटा देत, तणाव मुक्त शांतता आणि स्वर्गीय अनुभूती च्या शोधात निघाल्यानंतर अवघ्या महाराष्ट्रीयानांच्या मुखात अग्रपणे येणारे नाव म्हणजे “ सफर भीमाशंकर अभयारण्याची ”.

भीमाशंकर अभयारण्य हे पुणे जिल्ह्यातील खेड व आंबेगाव तालुक्यात स्थित असून ‘ श्री छत्रपती शिवाजी महाराज यांचे जन्मस्थळ असलेले शिवनेरी (जुन्नर) पासून अवघ्या काहीशा अंतरावर आहे. भीमाशंकर - “ भीमा ” ही महाराष्ट्रातील एक महत्वाची व प्रमुख नदी आहे अन् तिचा उगम येथून होतो. तसेच येथे वैराग्यगुणी महादेवाचे हेमाडपंती मंदिर ही आहे म्हणूनच या क्षेत्राला “ भीमाशंकर ” म्हणून ओळखले जाते. भीमाशंकर हे बारा ज्योतिर्लिंगापैकी एक महत्वाचे ज्योतिर्लिंग आहे.

वृक्षांच्या दाट गर्दीत डोंगरदऱ्यातून अन् घाटमाथ्यातून वाट काढत समुद्रसपाटीपासून काहीशा उंचीवर पश्चिम घाटातील सह्याद्री पर्वत रांगेत वसलेले आहे भीमाशंकर अभयारण्य ‘भीमाशंकरच्या पायथ्याला घोड नदीवर बांधलेलं विशाल’ डिंभे धरण भीमाशंकराच्या सौंदर्यात भर टाकणारं आहे. पाण्याचा विपुल साठा, चहूबाजूंना हिरवळ यामुळे परिसर अगदी सुजलाम - सुफलाम आहे. त्यामुळे परिसरात प्राणी - पक्षी, पशु मुक्त संचार करताना दिसतात. भीमाशंकरला जाण्यासाठी शासकीय गाड्या सुसज्ज आहेत.

घाटमाथ्याची वळणे, पाण्याची तळी, आपकी. बंधारे, लहान - मोठ्या नद्या, नाले, झाडे, हिरवळ, दुर्मिळ पक्षी, प्राणी यांचे दर्शन घेत वरच्या दिशेने डोंगराला प्रदक्षिणा घालत कूच करावे लागते. बसस्थानक हे मंदिराच्या पायाला लागूनच आहे, त्यामुळे मुळात कसलीच गैरसोय नाही.बेल, फुले, श्रीफळ अन् धुंद कंदी पेढ्यांचा दरवळणारा मनमोहक सुगंध या साऱ्यांनी बहरून गेलेला देवालयाचा परिसर मनमोहक वाटतो.अल्हाददायक वाटतो.

चारी बाजूंनी गर्द झाडी, मध्यभागी वसलेले हेमाडपंथी महादेवाचे आलय अन् “ ओम नमः शिवाय ” चा नाद.



मन अगदी प्रसन्न होतं वास्तविक विश्वाशी सारे संबंध सोडून या निसर्गवैभवात हरवून तर जातोच पण ; निळकंठ त्याच्या भक्तीत लीन होतो, तल्लीन होऊन जातो. या हेमाडपंथी देवालयात सुंदर, सुबक, काळ्या पाषाणाची महादेवाची पिंड आहे.अलीकडेच या पिंडीचे संरक्षण व्हावे व झीज होऊ नये म्हणून चांदीचा पत्रा असलेल पिंडीच्या वर आवरण लावून ठेवतात. रेखीव व नाजूक तसेच सुक्ष्म - मध्यम आकारातील मंदिराचं कोरीवकाम पाहिल्यावर हा एक प्राचीन शिल्पकलेचा व त्यातील मनमोहकतेचा नमुना आहे समजून येते.

दर्शनाला जाण्याच्या रांगाची स्थायी व्यवस्था असणारे लोखंडी खांब आहेत. दर्शन रांगेच्या डाव्या बाजूस असलेल्या भिंतीवर पुराणातील महादेवांचे वर्णन असलेले ज्ञानखचित श्लोक आहेत, हे श्लोक संस्कृत भाषेतून आहेत. यावरून ज्योतिर्लिंगाच्या प्राचीन महतीचा प्रत्यय येतो. पुढे जाता मंदिराच्या पिंडीच्या समक्ष भलीमोठी पितळेच्या धातूपासून बनवलेली नंदिरायाची भलीमोठी मूर्ती आहे.

महादेवाची पिंड, त्यावर होणारा संततधार अभिषेक, बेल - फुलांचा साज, पिंडीवर छत्र धरलेला पाच फण्यांचा चांदीच्या धातूचा शेषनाग, धूप - दीपांची आरास, आरत्या मधून केलेलं महादेवाचे कौतुक ओम नमः शिवाय चा नाद अनु दरवळणारा भक्तीचा गंध.

“ आजि झालो धन्य धन्य घेऊनि निळकंठा तुझे दर्शन,
फिटली डोळ्यांचे पारणे पाहणी साक्षात उमारमण,
घालितो साष्टांग दंडवत, करितो शतशः नमन,
रक्षि आम्हासी माय - बापा माता - पिता होऊन. ”

डोळ्यांची पारणे फेडणारं हे दृश्य व जीवनाचे सार्थक झाल्याचे समाधान वाटतं.सभामंडपातून या वैराग्यगुणी राजाकडे पहातच राहावं अन् हे रूप अखंड डोळ्यात साठवून ठेवावं असंच वाटतं. “ ओम निळकंठाय नमः ”

मंदिराच्या पाठीमागे दोन भली मोठी कुंडे आहेत. तसेच या परिसरातच अभयारण्यात सापडणारा धन्वंतरीचा खजिना आपणास येथे पहावयास मिळेल, म्हणजेच एक ना अनेक आयुर्वेदिक औषधे या परिसरात स्थानिकाकडून मिळतील तेही अत्यल्प शुल्कात. भीमाशंकरातील वनौषधी या सर्वदूर ख्यात आहेत. अनेक जटील रोगांचे निवारण करण्याची क्षमता या वनौषधी मध्ये आहे. परिसराचं आणखी एक वैशिष्ट्य म्हणजे ही टुणटुण करत धावणारी माकडे. ही चपळ वानरसेना येणाऱ्या भाविकाचं व पर्यटकांचं मन मोहून घेतल्याशिवाय राहातच नाहीत.

हे आपल्या मनुष्य जातीत निर्धास्तपणे वावरतात तर त्यांना कसल्याही प्रकारची इजा होणार नाही याची काळजी आपण सर्वांनी नक्कीच घ्यावी.

मंदिराच्या डाव्या भागाला अत्यल्प उंचावरच भीमा नदीचा उगमस्थान आहे.येथे एक दगडी बांधकामातील कुंडही आहे. येथून उगम पावणारी ‘ भीमा ’ लुप्त होऊन थेट अभयारण्याच्या मध्येच दर्शन देते. म्हणून या स्थानाला “ गुप्तभीमा ” असेही म्हणतात. येथून निघालेली ही भीमेची प्राणगंगा पुढे विशाल, महाकाय रूप धारण करून अनेकांच्या उपजिविकेचे साधन तर बनतेच पण असंख्यांची तहानही भागवते.अशी ही श्रेष्ठ आहे भिमा-माई.

अभयारण्यात असंख्य प्रकारची झाडे, झुडपे आढळतात व तसेच लाखो प्राण्यांच्या प्रजाती ही दिसतात. बिबटे, गवे, हरिण, वाघ असे अनेक राणप्राणी येथे पहावयास मिळतात वेगवेगळे पशू तसेच दुर्मिळ पक्षीही आपणास येथे पहावयास मिळतील.

या सर्वात प्रमुख असणारी ही शेकरू खार (INDIAN GIANT SQUIRREL). शेकरूला भीमाशंकराचे लेकरू म्हणतात. भीमाशंकराचे लेकरू म्हणण्याचं कारणही तसंच आहे शेकरू येथील बिया सकट फळे खाते व विष्ठेतून रुजणारे बीज शीघ्रच एक विराट वृक्ष म्हणून दिसते. अशा या अफाट अभयारण्याचा निर्मितीत शेकरू चा महत्त्वाचा वाटा आहे. म्हणूनच तर हे भीमाशंकराचे लेकरू आहे. अभयारण्यात अजगर व विविध प्रकारचे सर्पही आढळतात. या शिवाय मोर, कोल्हे, लांडगे, तरस, चिते, हत्ती ही मंडळी सुद्धा येथे वास्तव्यास असते. निसर्गरम्य नैसर्गिक संपत्तीने नटलेल्या भीमाशंकर अभयारण्याला पर्यटक व निसर्ग अभ्यासक पर्यटनासाठी अभ्यासासाठी प्रथम क्रमांकाची पसंती दर्शवितात.

“ धुंद वेली, तरू, पाखरे अन गाणे गाणारे झरे,
साद घालती नव्याने येथील रानवारे,
वर्णितानाही नाही उमेरे अंगावरती शहारे ”

असं आहे ‘भीमाशंकर निसर्गाने समृद्ध असलेलं व अध्यात्मिक’ वारसा लाभलेलं अशा या भीमाशंकर अभयारण्याला आपण सर्वांनी नक्कीच एकदा तरी भेट द्यावी हीच सदिच्छा..



हर हर महादेव...

हर हर भीमाशंकर..



प्रसाद गोरे

एस.वाय.बी.टेक
सिविल

द व्हाईट टायगर

अरविंद अडिगा (पुस्तक समीक्षा)

अगदी सुरुवातीच्या काळापासून भारतामध्ये हजारो जाती आणि त्यांची तेवढीच नशीब होती; पण सध्याच्या काळा मध्ये मात्र दोनच जाती आहेत. एक म्हणजे मोठ्या पोटाची माणसं आणि छोट्या, लहान अगदी खंगलेल्या पोटाची माणसं. आणि नशीब पण दोनच एकतर तुम्ही कोणाचा तरी घास होताल नाहीतर तुम्ही कोणाचा तरी घास घेताल. हे वाक्य आहे अरविंद अडिगा यांच्या ‘ द व्हाईट टायगर ’ या पुस्तकामध्ये. मूळचे भारतीय असलेले अरविंद अडिगा हे द व्हाईट टायगर या पुस्तकाचे लेखक आहेत. त्यांच्या या पदार्पणातील कादंबरीने २००८ सालचा मॅन बुकर पुरस्कार जिंकला आहे. या पुस्तकाचा मराठी अनुवाद केलेला आहे लीना सोहोनी यांनी. या कादंबरी मध्ये लेखकाने कधीही न ऐकलेल्या अश्या काळोखातल्या लोकांचा आवाज दाखवण्याचा प्रयत्न केलेला आहे.

द व्हाईट टायगर ही गोष्ट आहे बलरामची जो गुलामगिरी तून मुक्त होऊन कसा स्वतंत्र उद्योजक बनला आणि ते साध्य करण्यासाठी त्याला काय - काय धडपड करावी लागली. तो ही गोष्ट सांगतोय सात पत्रांमधून वॅन जियाबो यांना जे चीन चे पंतप्रधान आहेत आणि जे भारत भेटीवर येणार आहेत आणि जाणून घेणार आहेत कसे भारतामध्ये सर्वात जास्त यशस्वी उद्योजक तयार होतात.

बलराम हलवाई हा बिहार मधल्या गया या शहराजवळ असलेल्या लक्ष्मणगड या गावातला.



ज्याच्या घरामध्ये अठराविश्व दारिद्र्य. रोज काम केल्याशिवाय घरामध्ये चूल पेटत नव्हती. बलरामचे कुटुंब खूप मोठे होतं. तो लहान असताना त्याची आई हे जग सोडून गेली होती. घरामध्ये काम करणारे फक्त बलराम चे वडील विक्रम हलवाई जे रिक्षा चालवायचे आणि दूसरा बलराम चा मोठा भाऊ किशन जो एका चहाच्या दुकानामध्ये काम करायचा. आणि घरामधले सगळे निर्णय हे बलरामची आजी कुसुम घेत होती. घरामध्ये इतके लोक असताना सुद्धा त्याच्या कडे लक्ष्य देण्यासाठी कोणाला वेळ नव्हता. इतके कि कोणी त्याच नाव देखील ठेवल नव्हतं. बलराम हे त्याच शाळेमधील नाव. घरी त्याला मुन्ना या नावानेच हाक मारायचे. पण आता घराचे देखील या मुन्नाला बलराम म्हणू लागले. त्याला दूसरे नाव मिळले व्हाईट टायगर ते त्यांच्या गावामध्ये आलेल्या शाळा निरीक्षकांकडून कारण सगळ्या मुलं पैकी त्यानेच सगळ्या प्रश्नांची उत्तरे दिली होती. व्हाईट टायगर म्हणजे असा प्राणी जो जंगला मध्ये फक्त एका पिढी मध्ये एकदाच जन्माला येतो. त्याला शिकायची खूप इच्छा होती पण आजीच्या विरोधामुळे तो शिकू शकला नाही. त्याला त्याच्या इच्छे शिवाय चहाच्या दुकानांमध्ये काम करावे लागत होत.

जरी त्याचे शिक्षण अर्धवट राहिले असले तरी दुकानामध्ये येणाऱ्या लोकांच्या बोलण्यामधून त्याला देशभरातल्या रोजच्या सगळ्या घडामोडी समजत होत्या, बलराम पुढे गाडी चालवायचे शिकून एका जमीनदाराकडे कामाला लागला.

जमीनदाराचा मुलगा अशोक आणि त्याच्या पत्नीला दिल्लीला काही कामानिमित्त जावे लागले. त्यांच्या बरोबर बलराम देखील ड्रायवर म्हणून गेला. गाडी चालवायच्या बरोबरीने तो त्यांची घरातील कामे देखील करत होता. बलरामला दिल्लीला गेल्यानंतर तिथल्या मोठ्या इमारती, मोठी दुकाने, मॉलस याच आकर्षण वाटू लागले. आणि ही श्रीमंत माणस कशी जगतात आणि आपण कसे जगतो या मधली दरी जाणवायला लागली. आपण जास्त पैसे कमावून या अंधारातून एकदम प्रकाशमय जीवन जगाव असं त्याला वाटत होत. रोजची काम तर होतीच आणि या सगळ्यामध्ये त्याच्यावर त्याच्या काकाच्या मुलाची म्हणजेच धरमची जबाबदारी आली. आता त्याला त्याच्या व्हाईट टायगर या नावाचा विसर पडत चालला होता.

एके दिवशी धरमला फिरायला प्राणी संग्रहालयांमध्ये घेऊन गेलेला असतो. तिथे त्याला व्हाईट टायगर हा प्राणी दिसला आणि त्याला जाणवलं आपण सगळ्यांपासून कसे वेगळे आहोत आणि आपण पण आपल्या कुटुंबांसारख गुलामगिरीत आयुष्य काढण्यापेक्षा या मधून बाहेर निघाल पाहिजे. पाश तोडू आणि नवीन आयुष्याची सुरुवात करू. मग बलराम हा त्याची गुलामगिरीच पाश तो कसा तोडतो आणि कसं या सगळ्यामधून बाहेर पडतो. या सगळ्या गोष्टींचा लेखकाने सर्व थरार कायम ठेवून सगळी बलराम च्या आयुष्यातील रहस्य उलगडली आहेत.

या पुस्तकांमध्ये अशा खूप गोष्टी आहेत ज्या लेखकाने बारीक - सारिक गोष्टींवर खूप लक्ष दिलेल आहे. जसे की बलरामचे आवडते कवी आणि कसं त्यांचा बलराम च्या विचारसरणीवर कसा फरक पडला आहे. आणि या पुस्तका मध्ये भारताच्या दोन वेगवेगळ्या भागांवर लेखन केले आहे. जस बलराम हा ग्रामीण आणि मागासलेल्या भागामधून येतो तर या उलट अशोक किंवा बलराम चे जे मालक आहेत ते येतात शहरी आणि विकसित भागामधून. पण लेखकाने मागास किंवा विकसित असे शब्द न वापरता काळोख आणि प्रकाशमय असे शब्द वापरले आहेत. असे अनेक उल्लेख आहेत जसे की असे लोक जे अजून पण गुलामगिरीमध्ये आयुष्य जगतात; त्यांना यातून बाहेर पडायची भीती वाटते आणि जे इतरांनाही बाहेर पडू देत नाही बलरामने त्या लोकांना कोंबड्याच्या खुरड्याची उपमा दिली आहे. आणि याच गोष्टींमुळे ही कथा शेवट पर्यंत वाचकांना खेळवून ठेवते.

पुस्तकाच्या शेवटी बलरामच्या तोंडी एक वाक्य आहे, “ या सगळ्या अंधारामध्ये जागा झालेलो मी एकटाच आहे; पण बाकीचे अजून ही झोपलेले आहेत. ” अजूनही लोक आपल्या आसपास च्या जगामध्ये जे काही चुकिचे चालेल आहे ते डोळे झाकून दुर्लक्ष करतात पण ते न करता या चुकीच्या गोष्टींशी सामना करण्याची गरज आहे.



प्रद्युम्न पुंड
टी. वाय. बी. टेक.
आय. टी.

‘आज ’ जगायला शिका

अनंत शक्यता असतात यशस्वी होण्याच्या केवळ आपली व्याख्या संकुचित असली, की सगळं असूनही काहीच नाही आहे असं वाटत राहतं !

आयुष्यात जर काहीतरी भरीव काम करायचं असेल तर सर्वात महत्वाची गोष्ट म्हणजे स्वता : ला जाणून घ्यायला हवं. जेव्हा आपल्याकडे असलेले सर्व गुण अवगुण आपल्याला माहीत असतात किंवा आपल्याकडे असलेली साधन संपत्ती यांची आपल्याला जाणीव असते तेव्हा प्रवास सोपा होतो. एखादं भुयार खोदायचं म्हणजे त्यासाठी लागणारी साधनं. योग्य माणसं हे तपासणं महत्वाचं असतं. नखांनी डोंगर कोरता येत नसतो.

एवढी जबरदस्त शक्ती प्रत्येकात सामावलेली असते, की ज्याची कोणीच कल्पना करू शकत नाही. हजारो अणुबॉम्ब बनवू शकणारी बुद्धी आपल्याकडे आहे यापेक्षा अधिक काय सांगायला हवं.

आपले ग्रंथ मला खुप मार्गदर्शक वाटतात. अगदी सुचक कथा त्यात मांडलेल्या आढळतात, आता मी जे लिहितोय त्यासंदर्भात रामायणात आलेली एक कथा आहे जी सर्वश्रुत आहे.

जेव्हा राम लक्ष्मण सितेच्या शोधात समुद्र किनारी पोहचतात तेव्हा त्याच्यासोबत वानरसेना असते, हनुमान, वाली, जांबुवंत असे अनेक वीर असतात. लंकेत कसं जायचं यावर तर्क लावले जातात. तेव्हा जांबुवंत म्हणतात, की हनुमाल तर एका उड्डाणात लंकेत जाऊ शकतात. त्यावेळी हनुमान अवाक होऊन पाहत राहतात.



तशी आपली काहीशी गंमत आहे. आणि आपल्यापैकी अनेकांच्या आयुष्यात जांबुवंत येतोच असं नाही. आपलं आपल्यालाच आपल्या क्षमात जाणुन घ्यायला हव्यात. सर्व गोष्टींच्या मुळाशी हेच आहे.

वपु म्हणायचे

“ The more you write personal, the more it becomes universal. ”

याचा इथे कसा संदर्भ, असं तुम्ही म्हणाल पण आहे, संदर्भ आहे. आपल्याला जसं जग दिसतं, आपण ज्या चुका करतो, आपल्याला जशा भावना आहेत तशाच सर्वांना आहेत. आणि त्यात कमालीचं साम्य आहे. त्यामुळे जेव्हा आपण स्वतःला समजून घेऊ तेव्हा जगाला समजून घेणं अवघड जाणार नाही. आणि एकदा व्यवस्था कशी व काय आहे आणि ती घालवणारे व्यक्ती कसे आहेत हे समजलं, की मग सगळं सोपं होऊन जातं.

पण अनेकदा घडतं असं, की आपण आपल्या डोक्यात जगत असतो, वेगळेच पूर्वग्रह करून घेऊन आपलं सगळं वागणं ठरत असतं. ज्यामुळे सद्य व खरी परिस्थिती काय आहे. याचं आपल्याला मान राहत नाही आणि त्यामुळे अनेक ठिकाणी जिथे विजय अपेक्षित असतो तिथे हार पत्करावी लागते.

हे सगळं संगण्याचा हेतू हाच की हे सर्व आपल्या सर्वांच्या आयुष्याला मार्गदर्शक आहे. काही ठराविक नियम समजून घेतले तर जगणं सोपं होऊन जाईल. हे नवीन नाहीये, पुस्तकं चाळून पहा, अनेक पुरावे सापडतील.

तुमच्या प्रश्नांना उत्तरं सापडतील. कसं वागायला हवं, कसं जिंकायला हवं, कसं जीवन जगायला हवं याचं विज्ञान तुमच्या ध्यानात येईल. तुम्ही जे भोगत आहात, ज्या समस्यांचा सामना करत आहात त्या आधीही होत्या, नंतरही राहतील. त्यामुळे तंत्र समजून घ्या. इतिहास समजून घ्या.

आणि तरुण वय हेच ते वय, जेव्हा हा सर्व खटाटोप शक्य असतो. हळूहळू जीर्ण होत जाणार शरीर कष्ट नको म्हणू लागतं. म्हणून वाचकहो, आजच उत्तरं शोधायला सुरुवात करा. थोडे कष्ट करण्याची गरज पडेल पण सुटलेले प्रश्न हळूहळू मानसिक शांतता देतील आणि आणखी काय हवं असतं एका जीवाला. झुंजायला शिकायचं असेल तर तेही हेच वय आहे, एक लक्षात घ्या, आज जर मांडीला वंगण लावलं नाही तर उदया ऐनवेळी गाडी ओढावी लागू शकते. मग पश्चाताप करण्यापेक्षा आजच थोडे कष्ट सोसले तर काय हरकत आहे ?

माझं म्हणणं असं नाहीये, की प्रत्येक प्रश्नाला उत्तर मिळेल. ते धादांत खोटं आहे. सगळ्या प्रश्नांची उत्तरे नसतात सापडत. काही प्रश्न अनुत्तरित राहिलेलेच चांगले असतात. जसं की भूतकाळात नजर टाकल्यावर काही स्वप्न अपूर्ण राहिले तेच बर झालं अस वाटत.

आणखी एक विचित्र सवय आपल्याला लागलेली असते, ती म्हणजे आजचा दिवस अनुभवण्याऐवजी उदयाची वाट पाहणे. उदया मी हे करेन, उदया ते करेन असं म्हणूनच अनेक लोक देवाघरी निघून जातात.

आयुष्याचा आस्वाद घ्यायला शिका. आज जगायला शिका. उद्या कोणाचाच ठरलेल नाही आहे. पुढचा क्षण शेवटचा ठरू शकतो.



शैलेश भोकरे

Incubation Manager
Mitaoe Entrepreneurial
Development Foundation

आयुष्य

नेहमीसारखाच सुजय त्या ऑफिस मधून रागात निघाला. समोरच चहाच्या टपरीवर बसलेल्या अमनला बोलू लागला. “साल माझं नशीबच फुटक आहे जिथे पण नोकरी शोधायला जातो तिथे नाहीच होत काम. आज इथे आलो तर म्हणतात ७ दिवसानंतर या. आता थकलोय मी. “अजून नशिबाला दोन चार शिव्या देऊन त्याने तो अर्ज तिथेच बाजूला फेकला. तिथे शेजारीच एक अपंग व्यक्ती बसला होता. त्याने ते सर्व ऐकलं होत. त्याने तो कागद उचलून त्याच्याकडे ठेवून घेतला.

७ दिवसांनी सुजयला एक कॉल येतो आणि त्याला त्या ऑफिस मध्ये बोलावलं जातं आणि नोकरीही मिळते . तो विचार करतो की हे कसकाय झालं असेल . पण नंतर जाऊद्या नशीब चमकला अस म्हणून तो निघून जातो. बाहेर आल्यावर तो टपरीवाला त्याला म्हणतो “ काय साहेब कधीपासून येणार मग कामावर? “सुजय आश्चर्य चकित होऊन विचारतो “तुला कसं माहीत ? “ तेव्हा तो सांगतो “ साहेब तो बघा, तो रस्ता झाडतो आहे अपंग व्यक्ती दिसला का ? त्यानेच तुमचा हा अर्ज काल ऑफिस मध्ये पाठवला होता आणि म्हणूनच आज ही नोकरी तुमच्या हातात आहे. सुजय त्याच्याकडे जाऊन त्याला म्हणतो, की त्याने का त्याच्यासाठी एवढं केलं तेव्हा त्या व्यक्तीने दिलेलं उत्तर खरंच खूप काही शिकवून जात.

तो म्हणतो, “ साहेब, नेहमी आपण नशिबाला दोष देऊन कसं चालेल . आपण जेव्हा फक्त स्वतःचा विचार करतो तेव्हा कदाचित आपल्याला मिळालेल्या गोष्टी आपल्याला कमीच वाटतात.

खरं तर कमी कशाचीच नसते कमी असते ती दृष्टिकोनाची, सकारात्मकतेची. आयुष्य खूप सुंदर आहे साहेब पण ते फक्त एकट्याच नसावं . थोडसा आजूबाजूला बघावं, किती खडतर परिस्थितीत लोक जगतात...जरी आपण थोडे कमनशिबी असलो तरी कोणाचं तरी आयुष्य नक्कीच आपण सुधारू शकतो. बस हाच विचार करून मी तुमचा अर्ज सांभाळून ठेवला. काही नसल्याची तक्रार करण्यामध्ये, जे आपल्याकडे आहे त्याचाही आनंद आपण गमावून बसतो. प्रत्येक क्षण नवीन उमेदीने जगता आला पाहिजे आणि हो लढायला शिकल पाहिजे. लढायला शिकलं पाहिजे नैराश्याशी, दुःखाशी खडतर परिस्थितीशी. चला साहेब मी येतो खूप काम बाकि आहे. तुमच काम प्रामाणिकपणे करा आणि हो दुसऱ्याच्याही कामी या.”



सुजय निशब्द होता.... आयुष्याचा खरा अर्थ त्याला कळला होता ते जगण्याचा एक नवीन मार्ग त्याची वाट पाहत होता सुजयने त्याची वाट धरली...एकदा त्याने मागे वळून पाहिलं तर मागे ना तो व्यक्ती होता ना सुजयच “कमनशिबी !!”



हर्षल बरी

टी. वाय. बी टेक.
मेकॅनिकल

भारतीय शास्त्रीय संगीतकार महेश काळे



मुलाखतकार:

- त्रिवेणी सुरेश गायधने
- दिव्या जयेंद्र चौधरी

मुद्रितशोधन:

- त्रिवेणी सुरेश गायधने
- प्रद्युम्न सुनिल पुंड



प्रश्न १:-

पुणे हे शिक्षणाचे माहेरघर आहे. अशा या ऐतिहासिक शहरात आपले बालपण गेले. तर, सर आम्हाला आपल्या बालपणाबद्दल आणि काही रंजक अनुभवांबद्दल तसेच शैक्षणिक प्रवासाबद्दल जाणून घ्यायला नक्कीच आवडेल.

उत्तर:-

पुणे म्हणजे सांस्कृतिक राजधानी आहे, माहेरघर आहे शिक्षणाचं, हे सगळं खरं आहे, पण माझ्या बालपणी ते माझं जन्मस्थान आणि जिथे मी मोठा होतोय असं ठिकाण एवढंच होतं माझ्यासाठी. एवढं ओझं नव्हतं, की पुणे इतकं मोठं आहे. त्यामुळे जसं कुठल्याही लहान मुलांचं बालपण असतं त्या पद्धतीने अगदी सिंपल म्हणूयात.

त्या वेळेस चे पुणं अजून छोटं होतं. इतकी गर्दी नव्हती, इतक्या गाड्या नव्हत्या. छान होतं. माझा जन्म कोथरूडचा. आम्ही जेव्हा कोथरूड नवीन भाग झाला होता; तेव्हा नवीन घर घेतलं होतं. म्हणजे, माझे आई-वडील तिकडे शिफ्ट झाले. त्या वर्षीच माझा जन्म झाला १९७६ साली आणि तेव्हा हे शांत ठिकाण होतं. सोसायटी मध्ये राहायचो त्यामुळे मित्र-मैत्रिणी भरपूर होत्या. मग “दगड का माती?” मग नंतर तो खांबाचा कुठला खेळ असतो? विसरलो मी ! “शिरापुरी” तुम्हाला आता माहिती असतील की नाही माहीत नाही. किंवा मग क्रिकेट तसेच इतर गोष्टी आणि गणपती महोत्सव आम्ही दरवर्षी साजरा करायचो. त्यामुळे त्याच्यासाठी महिरप करा, मग थर्माकोल जाऊन घेऊन या, एका ठिकाणाहून. डिझाइन करा आणि मग सगळी मुलं मुली त्या वेळेस माझ्या पेक्षा जरा मोठीच होती तर मी त्यांचा असिस्टंट होतो, अशा पद्धतीने छोटी छोटी मला काम मिळायची आणि मग खिरापतीचं एक अट्रॅक्शन असायचं, की काय आहे आज प्रसाद?

दहा दिवसाचा गणपती, सात दिवसाचा गणपती असायचा. ढोल-ताशांची प्रॅक्टिस व्हायची तेव्हा आणखी एक हायलाइट असायचं आणि ऑफकोर्स एक सांस्कृतिक सोहळा असा एक असायचा. त्याच्यामध्ये, गाणी म्हणा, छोट्या नाटकात प्रवेश करा, अशा सगळ्या गोष्टी होत्या. त्यामुळे, मुळातच खूप सांस्कृतिक वातावरणामध्ये मी मोठा होत गेलो. ही झाली एक म्हणजे, सोसायटीमधली.

दुसऱ्या बाजूला माझ्या घरच्या सगळ्यांना गाण्याची आवड होती. मी म्हणजे पूर्ण वेळ गाणं करणारा पहिला जरी असलो माझ्या घरात तरी माझी आई गाणारी होती. तिने एस एन डी टीमध्ये, मी आणि माझा भाऊ आम्ही शाळेत असताना मास्टर्स केलं, आम्हाला सांभाळून. आणि तिच्या बाजूची फॅमिली म्हणजे ती, सगळे माझे मामा, मामाची मुल,मामी सगळे वादक. एक मामा उत्तम चाली देतो आणि पेटी वाजवतो. मामी एक चांगली गाते. माझा मामेभाऊ गाणे छान गातो. मग मावशीची पण मुलं, एक मावसभाऊ देखील गाणं गातो. थोरला भाऊ तबला वाजवायचा, त्यामुळे कुठलंही म्हणजे अगदी बारशापासून, मुंजीपासून - लग्नापर्यंत कुठलंही कार्य असलं तरी त्या सोहळ्याची एक इन्फॉर्मल सांगता आमच्या गाण्याच्या कार्यक्रमांनीच व्हायची. त्यामुळे अशा वातावरणामध्ये मी वाढलो. मग,संध्याकाळी एरवी शाळेतून आल्यानंतर लहानपणी मला आई सोप्या सोप्या कथा वाचून दाखवायची,आम्ही एकत्र वाचायचो, असं मुळातच माझं बालपण गेलं.



प्रश्न २:-

आपण संगीत क्षेत्रात काहीतरी करू हे आपणास कधी समजलं? संगीताबद्दलची प्रेरणा कधी मिळाली ?

उत्तर:-

असं बीज जेव्हा रुजलं जात असतं ना, त्या बीजाला वाटत असतं, की आपण बीजच आहोत. त्याच्यामध्ये फांद्या आहेत, पानं आहेत, फळ आहेत हे माहितच नसतं त्या बीजाला. त्यामुळे जेव्हा मला गाणं पूर्वी आवडायचं तेव्हा गाणं पूर्णवेळ करीन किंवा माझं चरितार्थ गाण्यातून मांडीन अशी कधीच अपेक्षा नव्हती. किंबहुना ती नसावीच! पहिली गोष्ट म्हणजे मला गाण्याबद्दल अत्यंत अप्रूक वाटायचं, गाण्याशिवाय मला अत्यंत अपूर्ण वाटायचं, गाणं केलं नाही तर काहीतरी चुकल्या चुकल्या सारखं वाटत असे. अशा गोष्टी आपल्याला जाणवत असतील तर त्या कदाचित आपल्याला बरोबर दिशेकडे नेत

असतात. लहानपणापासून मी पूर्वी सांगितलं तसं गाणं हे एका दिनचर्येचा भाग होता, कारण आई मला आठवतयं तेव्हापासून रियाज करायची. मुलांना शिकवायची. मग रेडिओवरती ती त्यावेळेला एकच चॅनल असायचं. तेव्हा त्यामुळे ऑन किंवा ऑफ हे दोनच पर्याय होते. तेव्हा चॅनल आता जसे वेगवेगळे आहेत तसे तेव्हा नव्हते. दूरदर्शन एकच ऑन किंवा ऑफ.मग त्याच्यावर शास्त्रीय संगीत, नाट्यसंगीत, अभंग, भावगीत असे एका नंतर एक, एका नंतर एक लागायचे. त्यामुळे मुळात आपोआपच संस्कार होत होते. त्याप्रमाणे प्रत्येक गोष्टीची वाट बघायचो, की अरे वा! आता नाट्य गीत. आता कुठले असेल? अरे वा! माझं आवडतं गाणं हे. असे आपोआप संगीताचे संस्कार होत होते. म्हणजे पुण्याची खासियत काय आहे, की भोवताली इतकी संस्कृती असते, की वेगळे संस्कार करण्याची तेव्हा गरज भासत नाही. ते अचुक तुमच्यावर सर्वत्र घडतात.



प्रश्न ३:-

तुमच्या जीवनाला आकार देण्यामागे अनेक लोकांचे हात असतील. आम्हाला त्यांच्याबद्दलचे अनुभव ऐकायला आवडतील.

उत्तर :-

माझ्या जीवनात मुख्य योगदान म्हणजे माझ्या आईचे. तिच्यामुळे संगीताची गोडी लागली. दर शनिवारी वडील अभंग शिकवत होते. ते बँक ऑफ महाराष्ट्र मध्ये कामाला होते. त्यामुळे त्यांच्या बदल्या खूप होत असत. म्हणूनच माझ्या बालपणी कधी अमरावती कधी मुंबई कधी इन्स्पेक्शनला असतांना सारखे येऊन जाऊन असायचे. पण कुठेही असले तरी जेव्हा शनिवारी घरी यायचे. तेव्हा न चुकता अभंग

शिकवायचे. गोंदवलेकर महाराजांचं एक भजनी मंडळ आहे पुण्यात. त्यांचा अष्टाहास असायचा, की शनिवारी शिकलेल ते गाणं रविवारी भजनी मंडळात गावं. आईकडे तर रितसर शिकायचोच. आईने मला भरपूर बंदिशी राग, तंबोरा लावायचा, वाजवायचा कसा? त्याच्या तारा कशा बदलायच्या? हे सगळं शिकवलं. मी अभिनव विद्यालय या शाळेत शिकायला होतो. शाळेत देखील वातावरण असायला लागतं ना! तिथेही वार्षिक स्नेहसंमेलनात शास्त्रीय संगीत असायचं. मग प्रत्येक गाण्याचा ऑर्केस्ट्रा असतो तिथून शिक्षकांकडून प्रोत्साहन मिळालं. त्याच्यानंतर आवाज जेव्हा फुटायला लागला, सुरुवातीला लहान मुलांचा आवाज पातळ असतो, तेव्हा पुरुषोत्तम गांगुर्डे यांच्याकडे शिकायला जाऊ लागलो.

ते तेव्हा बालचित्रवाणी या खास लहान मुलांकरिता असलेल्या कार्यक्रमात वन ऑफ द स्टेशन डायरेक्टर होते. ते यशवंत बुवा जोशींकडे गाणं शिकले होते. आणि त्यानंतर माझ्या १० वीच्या सुट्टीनंतर अभिषेकी बुवांकडे गाणं शिकायला लागलो. पुढे कॉलेजमध्ये फिरोदीया करंडक ही स्पर्धा जोरात असायची. अजुनही ती भरपूर चर्चेत असते. त्या स्पर्धेमुळे सर्जनशीलतेला आणि शास्त्रीय संगीताला चालना मिळाली. त्यानंतर अमेरिकेत आलो. या प्रवासात माझी पत्नी माझ्या सोबत होती. आम्ही सोबतच अमेरिकेत आलो. इथे आल्यानंतर गाणं शिकवायला सुरुवात केली. गाणं दुस-याला शिकवणे ही एक वेगळी गोष्ट आहे. त्यामागचा हेतू असा होता, की गाणं शिकवतांना आपण गाण्याबाबतीत जास्त सजग असतो. ती कला आपल्याला येत असली तरीही त्यापलीकडे पारखून बघायला लागते. मास्टर्स करत असताना सैंटा बार्बारा IASB (Indian association of Santa Barbara) असा एक ग्रुप होता तिथे पुन्हा संधी मिळाली. माझी पत्नी उत्तम कीबोर्ड वादक आणि गायक आहे. तर आम्ही दोघेही मिळून तिथे गाणं सादर करायचो. आयुष्यात नेहमीच एक conducive situation प्रत्येक पल्ल्यावर यायला लागते ती माझ्या बाबतीत नशीबाने आली.

प्रश्न ४:-

सर, तुम्ही इंजिनिअरिंग केलं. आणि इंजिनिअरिंग म्हणजे असाईनमेंट, प्रोजेक्ट यांसारख्या लाखो भानगडी. तर सर, शिक्षणासोबतच संगीताचा मेळ तुम्ही कसा घडवून आणलात?

उत्तर:-

आता तुमचं मला माहित नाही पण; आमच्या वेळेला प्रीपेरेशन लिव्हमधेच जास्ती अभ्यास व्हायचा. इतर वेळेला खूप कमी अभ्यास व्हायचा. असाईनमेंट तुम्ही करता तसेच करायचो आम्ही. काही वेळेला लोकांच्या नोट्स घेऊन. चिटींग मी

कधी केली नाही. मला असं वाटतं की; प्रत्येक माणसाला दिलेले २४ तास असतात. त्या चोवीस तासांमध्ये आपले मोदीजी तर अख्खा देश चालवतात. त्यामुळे मला नाही वाटत की खूप अवघड आहे.

उलट 'it is very complementing' म्हणजे थकवा जाणवला तर तुम्ही गाण्याकडे जाल. गाण्यातून फ्रेश होऊन आला तर तुम्हाला ऊर्जा जास्त मिळते अभ्यासाकरता. या पद्धतीने आपसूकच झालं. मुळात Competition असल्यापेक्षा Complementing आहे असं जर बघितलं ना, तर कधी फसगत होत नाही.

आपल्याला वाटतं, की दोन्ही गोष्टी कशा करायच्या? अरे पण आपण इंजिनिअरिंग करत असताना आपल्या दिनचर्यातल्या बऱ्याच गोष्टी करत असतोच की. उठतो, दात घासतो, दोन वेळेला जेवतो, आंघोळ हे तर करायलाच लागतं ना? त्या commitment लेव्हलला जर तुमचा छंद गेला तर Competition होत नाही, तो आयुष्याचा भाग होतो.

प्रश्न ५:-

“सुर नवा ध्यास नवा” ह्या संगीत स्पर्धेचे परीक्षण आपण केले आहे. ह्या काळात आजच्या तरुण पिढीचा अर्थात उगवत्या गायकांचा शास्त्रीय संगीताविषयीचा दृष्टिकोन आपल्या लक्षात आला असेलच. त्याबद्दल आपले काय मत आहे ?

उत्तर:-

सहसा जिथे गुण असतात तिथे तुम्हाला शिक्षणाला वाव असतो. मी दोन कारणांकरता प्रामुख्याने ते स्वीकारलं. एक म्हणजे सहसा शास्त्रीय संगीताबद्दल अशा प्राईम टाईम, सर्वव्यापी प्लॅटफॉर्मवर आपल्याला आपली मतं मांडायला, आपल्या शास्त्रीय संगीताचं रिप्रेझेंटेशन करायला असा वेळ

मिळत नाही म्हणजे तशी संधी येत नाही, ती आली होती. दुसरे म्हणजे त्याच पहिला सिजन म्हणजे प्रोफेशनल म्युझिशियनचा होता. त्यामुळे जिथे गुण असतात ना तिथे शिकण्याची संधी असतेच. एरवी माझ्या फोनवर आढळतीलच अशी नसलेली गाणी मला तिथे ऐकायला मिळाली. तुम्ही नवीन गायक, नवीन गाणं, प्रत्येक वेळेलाच तुम्हालाच काहीतरी नवीन शिकवत जातं. त्यामुळे मी बसलो जरी असलो तिथे परीक्षकाच्या खुर्चीमध्ये तरीसुद्धा त्यांच्याशी मला येतं, हे शेअर करत असतानाच त्यांच्याकडून प्रत्येक वेळेलाच नवीन काहीतरी शिकत होतो.

प्रश्न ६: जवळपास २० वर्षे झालीत तुम्हाला अमेरिकेत स्थायिक होऊन. तुम्हाला कधी वाटले आहे का, की मातृभूमीशी आपली नाळ तुटत आहे? भारताशी आपले नाते घट्ट बनवून ठेवण्यासाठी तुम्ही काय प्रयत्न केले ?

उत्तर :-

मी भारतात असताना इंजिनिअरिंग करत होतो. इंजिनियरिंगचे विद्यार्थी साधारणतः काय कपडे घालतात? T-Shirt, Jeans आणि Shoes. मी ही तेच घालायचो ना. उलट अमेरिकेला आल्यानंतर मी चपला आणि सदरे जास्त घालतो अगदी भारतामध्ये घालत होतो त्यापेक्षा जास्त. नाळ कधी तुटते? जेव्हा भौगोलिक अंतर असल्यानंतर नाही, आपण बऱ्याच वेळी पुण्यातल्या पुण्यातसुद्धा जर नातेवाईकांना सहा महिन्यातून, आठमासाला वर्षातून एकदाच भेटत असाल किंवा आपल्याला त्यांना खूप वेळ देता येत नसेल तर मला असं वाटतं की भौगोलिक अंतर फक्त मॅटर नाही करत. मला नाही वाटत फक्त त्याने फरक पडतो. मुळात जी गोष्ट शिकायचा प्रयत्न करत होतो ती शिकण्याकरिता मी इथे आलो. मी देश सोडावा आणि दुसरीकडे जावं म्हणून इथे आलो असं नाही.

गाण्याशीच संबंधित पहिले मास्टर्स जे होतं ते शिकण्याकरिता मी इथे आलो. ते शिकत असताना मला वाटलं की कुठेतरी आपल्याच संगीताकरिता माझ्या शिक्षणाचा उपयोग होऊ शकतो, म्हणून मी आलो. आणि शेवटी ना आपल्या मनात आपण किती उत्कटपणे एखादी गोष्ट पकडून आहोत ना त्याच्यावरून अंतर तयार होतं, बरीच मंडळी तुमच्यापासून दूर असतात, काही आपल्यात नसतात तरी त्या मंडळींबद्दल आपल्याला किती उत्कटपणे वाटतं त्याप्रमाणे ते अंतर असतं. मी San Francisco मध्ये बसलोय. तुम्ही पुण्यामध्ये आहात. या अंतरामध्ये आपल्याला रिअल टाइम बोलता येतंय, रिअल टाइम गोष्टी करता येतात. मला नाही असं वाटत की नाळ तुटली, उलट इथे आल्यानंतर मला गाणं शिकवायला मिळालं, शेकडो विद्यार्थ्यांना मला गाणं गाण्याचा जो आनंद मिळतो तो शेअर करता आला. आता भारतात येऊन दरवर्षी 'सुर नवा ध्यास नवा' मला जज करता येतं, मला 'कट्यारच्या' नाटकामध्ये काम करता आलं, 'सवाई' मध्ये मला गाता आलं, आता हे वर्ष मला माहीत नाही पण दरवर्षी सात- आठ वेळा मी भारतात येतो. त्यामुळे खरंतर नाळ तुटली नाही, मी म्हणेन काही गोष्टी आपण तिथेच असल्यामुळे टेकन फॉर ग्रॅन्टेड होतात ना तशा होत नाहीत. मला उलट जास्त किंमत आहे आपल्या मातृभूमीची! "मी इथेच आहे रे सगळं होईल" असं माझ्या डोक्यात कधीही नसतं त्यामुळे प्रत्येक वेळी जेव्हा शिरतो किंवा सोडतो तर तो एक धागा जो असतो तो घट्ट होत जातो.

प्रश्न ७:-

अमेरिकेत स्थायिक असतांना 'कट्यार काळजात घुसली' या संगीत नाटकाचा एक प्रयोग करण्यासाठी तुम्ही भारतात आला होता. या नाटकाचे तुमच्या आयुष्यातील महत्त्व काय? आणि तुमचे भारतात येण्यामागे काय कारण होते ?

उत्तर:-

गाणं आणि आस ही दोन कारणं, बहुदा मला भारतात यायला कारण लागत नाही. मी भारतीय आहे, माझा पासपोर्ट आजही भारताचाच आहे, मी भारतीय आहे. भारतात यायला कशाला कारण लागलं पाहिजे?

पण कट्यारमुळे आयुष्याला एक वेगळीच कलाटणी मिळाली. आता मी जिथे आहे तिथे असण्याचं मोठं कारण 'कट्यार' नाटक आहे, कारण या नाटकामुळे कुठेतरी मला असं वाटतं, की एक नवीन सुरुवात झाली. नाटकामुळे चित्रपट झाला, चित्रपटामुळे बाकीच्या गोष्टी झाल्या. त्यामुळे कुठेतरी मला असं वाटतं, की एक टर्निंग पॉइंट असतो ना तो माझ्या आयुष्यात निश्चितच 'कट्यार काळजात घुसली' या नाटकामुळे आला.

प्रश्न ८:-

सर, आपण अमेरिकेत आपली संगीत अकॅडमी चालवत आहात, अर्थातच तुम्हाला अनेक पाश्चिमात्य विद्यार्थ्यांचा सहवास लाभला आहे तसेच तुम्ही परदेशात अनेक संगीत मैफिली देखील गाजवल्यात, तर तुमचे काही अनुभव असतील तर ते आम्हाला नक्कीच ऐकायला आवडतील.

उत्तर :-

इथे जे लोक भारतातून काम किंवा शिक्षणासाठी आले आहेत, त्यांना कुठेतरी आपल्याला जे पूर्वी करता आलं नाही ते आता

करावं अशा उमेदीने ते संगीत शिकत असतात. त्यामुळे मुळातच त्यांची कमिटमेंट लेव्हल खूप जास्त असते. तसेच इतर जी इथे जन्मलेली, वाढलेली मुलं आहेत त्यांना गाण्याबद्दल इतके मुलभूत प्रश्न असतात, की जे आपल्याकडे आपण संस्कारातून शिकतो. त्या गोष्टी त्यांना इथे शिकायला मिळत नाहीत. म्हणजे सातच स्वर का असतात? आणि गाणं गाताना आपण हात का हलवतो? अशाप्रकारचे फंडामेंटल प्रश्न त्यांना पडतात, की जे तुम्हाला अंतर्मुख करून जातात, असा माझा विद्यार्थ्यांबद्दलचा अनुभव आहे.

मैफिलीबद्दल मला आठवतंय. मी पहिल्यांदाच जेव्हा Santa Barbara मध्ये मैफिल केली होती तेव्हा तिथे एक अमेरिकन गृहिणी आल्या होत्या आणि त्या म्हणाल्या गाणं तर छानच होतं पण तुमची कोरिओग्राफी मला खूपच आवडली! आणि मला ते तेव्हा कळलंच नाही, की त्यांना काय म्हणायचं होतं. पण नंतर मला कळलं, की माझे हातवारे त्यांना कोरिओग्राफी वाटली असावी, असे बरेच आणि वेगवेगळे अनुभव मला आले आहेत. Jacksonville मध्ये मैफिल करत असतांना जेव्हा पडदा उघडला तेव्हा मी व्यासपीठावर मांडी मारून बसलो होतो आणि त्या लोकांना हे कळेच ना, की मी असा का बसलोय? कारण त्यांना गाणे ऐकायला चाललोय म्हटल्यावर त्यांची अशी अपेक्षा असते की पडद्यामागे कोणीतरी मायक्रोफोन च्या समोर उभा असेल, त्याच्या एका बाजूला गिटार घेतलेली मंडळी असतील, मागे ड्रमर असतो आणि एका बाजूला कीबोर्ड असतो. पण आमच्या बाबतीत असं काहीच नव्हतं. आम्ही तिथे व्यासपीठावर मांडी मारून बसलो होतो. मग त्यांना असा प्रश्न पडला की हे काय? कारण त्यांच्यापैकी कोणीच भारतीय संगीत ऐकलेलं नव्हतं. मग कार्यक्रमांमध्ये मी आधी विचारलं की इथे भारतीय संगीत कोणी ऐकलं आहे काय?

तर कोणीच हात वर केला नाही. मग मी विचारलं जॅझ संगीत कोणी ऐकलं आहे काय? तर सगळ्यांचे हात वर गेलेत. तर जॅझ आणि आपल्या अभिजात भारतीय संगीतात काय साम्य आहे? हे रेखाटत मी त्यांना समजावलं, की हा राग आहे, हा ताल आहे आणि मी आता याच्यामध्ये असं करणार आहे. यात कौतुकाची बाजू अशी, की ज्या मंडळींनी शास्त्रीय संगीत किंवा त्याबद्दल काहीही ऐकलं नव्हतं त्यांनी ३ तास कार्यक्रम खूपच चवीने ऐकला. इतकंच नाही तर त्यातले ५०% मंडळी पुन्हा दुसऱ्या दिवशीच्या कार्यक्रमाला आले. खूप विलक्षण असा तो क्षण होता. मोठ्या शहरात गात असताना तिथे जी अनेक भारतीय, पाकिस्तानी लोक आहेत त्यांना शास्त्रीय संगीताचं एक्सपोजर आहे तेव्हा त्यांच्याकडून एक वेगळी दाद येते. आता जर मी “हे...घेई.... छंद....मकरंद.... “असं म्हटलं की चटकन तुमच्या चेहऱ्यावर येत की, ‘अरे !! वा...वा..छान आहे!!!’ पण या लोकांना ते माहितीच नसतं. आपल्याकडे जी एकदम सुपरहिट साँस असतात ती त्यांना माहीतच नसतात. त्यामुळे ट्रम्प कार्ड असं काही नसतं. मग त्यामध्ये शास्त्रीय संगीताची जी अंगिक एस्पेटीक्स असतात ती कुठेतरी गळून पडतात. ती पडताळायला, शोधायला लागतात, लोकांसमोर मांडायला लागतात आणि ती मांडत असतांना आपली आपल्यालाच चाहूल लागते की, गोष्टी वर्क होत आहेत किंवा नाही. त्यामुळे बऱ्याच अशा मैफिली आहेत जिथे श्रोते नवीन होते, तिथे मला वेगळ्या प्रकारचं मैफिलीचं शास्त्र शिकायला मिळालं.

प्रश्न ९:-

जीवनामध्ये छान मित्र-मैत्रिणी भेटतात. त्यामुळे आपले जीवन आनंदमयी होऊन जाते. तुमच्या जीवनामध्ये अशाच प्रकारच्या मित्रांची संगत लाभली असेल, तर तुमच्या या प्रवासामध्ये त्यांची साथ तुम्हाला कशाप्रकारे लाभली ?

उत्तर:-

माझ्या आयुष्यात अशी एक मैत्रीण आहे आणि ती आता माझी बायको आहे. खूप लहानपणापासूनच म्हणजे मघाशी म्हणालो होतो ना, त्या बीजाच्या काळापासून तिने मला बघितलं आहे. त्यामुळं गाण्यातला आनंद कसा घ्यायचा? आणि अगदी छोट्यात छोटी आणि मोठ्यात मोठी स्वप्नं एकत्र मला रंगवायला एक खूप मोलाची नुसती साथच नाही तर एक चांगला पर्सस्पेक्टिव्ह म्हणूयात, नजरिया म्हणूयात तो मिळाला; सर्वात कायम सक्रिय भाग असा तिचा असायचा. मला असं वाटतं, की असा लाइफ पार्टनर मिळणं खूपच भाग्याचं लक्षण आहे. कारण त्याच वेळेला रुची आहे पण गती नाही. गती आहे पण रुची नाही आणि या गोष्टी एकत्र येणं हे खूप मोठी भाग्याची गोष्ट आहे.

प्रश्न १०:-

भीमसेनजींनी सुरू केलेल्या सवाई गंधर्व महोत्सवाला मागील काही काळापासून तरुण वर्गाचा खूपच प्रतिसाद मिळत आहे. याचे कारण म्हणजे इंटरनेट. आता तुम्ही देखील इंटरनेटद्वारे शास्त्रीय गायनाचे धडे देता तर या सर्वांची सुरुवात कुठून आणि कशी झाली ? आणि, एक संगीत शिक्षक म्हणून तुम्हाला नवीन कोणते अनुभव आले ?

उत्तर :-

अजुबा म्हणतात ना तसा दैदिप्यमान सोहळा आहे तो. असा शास्त्रीय संगीताचा महोत्सव कुठेही होत नाही!

रिमोट शिकवतानाच्या अनुभवाचं म्हंटलं तर काय आहे न मला इथे येऊन १९ वर्षे झाली. २००१ साली सप्टेंबर मध्ये मी इथे आलो होतो आणि मी आता जिथे बसलो आहे तिथे माझ्यापासून साधारणतः २०० फुटांवर गुगलच्या १० इमारती आहेत.



माझ्यापासून १ मैलाच्या आवारात जर विचार कराल तर सगळ्या अमेझॉन मायक्रोसॉफ्ट मोटोरोला सिस्को, फेसबुक, याहू, टेस्ला अशा सगळ्या कंपन्या आहेत. त्यामुळे जगाच्या पाठीवर सगळ्यात जास्त जे तंत्रज्ञान विकसित होत असेल ते इथे होतं. आणि आता जरी मी गायक असलो तरीही माझ्या पूर्वीच्या आयुष्यात मी इंजिनिअरिंग केलंय. त्यामुळे मला त्यात रसही आहे आणि मला जमतंही त्यातलं. त्यामुळे जेव्हा मी गात नसतो तेव्हा मी टेक्नॉलॉजी बदल काहीतरी बघत असतो किंवा बिल गेट्सबद्दल नेटफ्लीक्स वर सिरिज होती ती बघितली. स्टीव्ह जॉब्सची पुस्तकं वाचली. त्यामुळे मला तंत्रज्ञानाची आधी पासूनच आवड आहे. मुळात ते आपल्या आप्तांशी संपर्क करण्याचे एकमेव साधन आहे. नेहमी-नेहमी नातेवाईकांकडे जाता येत नाही. पूर्वीही वर्षातून एकदाच जायला मिळत होतं. तेव्हा पहिले फोन, नंतर स्काईप, मग व्हॉट्सअप कॉलिंग, आणि आता तर झुमचा जमाना आहे.

त्यामुळे तंत्रज्ञान हे माझ्यासाठी सेकंड नेचर आहे. अगदी दिवसातून अनेक वेळा मी ते वापरतोच!!! त्यामुळे जेव्हा कट्यार काळजात घुसली या नाटकाच्या तालमी व्हायला लागल्या तेव्हा मी पहिल्यांदाच मोठ्या कालावधीसाठी भारतात राहिलो. तेव्हा २-३ महिने तालमी होत होत्या आणि त्या तालमीच्या काळात साधारण २००८-०९ सालची गोष्ट आहे, त्यावेळी मी पहिल्यांदाच या टेक्नॉलॉजीचा जास्तीत जास्त कालावधीसाठी वापर केला होता. माझे अमेरिकेतले विद्यार्थी जे माझ्याकडे शिकायचे, त्यांना मी या टेक्नॉलॉजीचा वापर करूनच शिकवू शकलो. कारण मला असे वाटत होतं की, जर तीन महिने मी त्यांना शिकवले नाही तर ते आणखी सहा महिने मागे जातील, कारण जेव्हा शिक्षण थांबतं तेव्हा तुम्ही तिथंच नसता, विस्मृतीत पण जातात गोष्टी त्यामुळे मला ते नको होतं. त्यामुळे मी रोज

सकाळी भारतातल्या वेळेप्रमाणे सकाळी ५.०० ते ९.०० ला उठायचो आणि त्यांना शिकवायचो. तर ते २-३ महिने मी सतत हे असं केलं. त्यानंतर आता जेव्हा भारतात येतो किंवा जगाच्या पाठीवर कुठेही असलो तरी, कॅलिफोर्नियाचे संध्याकाळचे ५ वाजले की मी कम्प्युटर उघडून विद्यार्थ्यांना शिकवतो. त्यामुळे शिकवायची खूपच सवय आहे मला. मला अर्थातच मैफिलीमध्ये जो आनंद मिळू शकतो, तो कशात मिळत नाही. पण त्याच्या खालोखाल जर कशात आनंद मिळत असेल तर तो शिकवण्यात मिळतो. मैफिलीत गात असतांना ज्याप्रमाणे वेगवेगळ्या गोष्टी समोर येतात, तसंच शिकवतांनासुद्धा एक वेगळा आयाम तुमच्या समोर खुला होत असतो. आणि तो परत मैफिलीमध्ये पडताळून पाहता येतो. त्यामुळे मला शिकवायला खूप आवडतं. आणि तंत्रज्ञानाचा उपयोग माझ्यासाठी आंगिकच आहे. त्यामुळे त्यासाठी मला काही वेगळं करावं नाही लागलं आणि तंत्रज्ञानाचा हा वापर आताही चालूच आहे.

प्रश्न ११:-

प्रत्येकाच्या आयुष्यामध्ये अनेक चढ-उतार येतात. असे काही चढ-उतार तुमच्याही आयुष्यात आले असणारच तर अशा काही क्षणांबद्दल आम्हाला जाणून घ्यायला आवडेल.

उत्तर:-

कसं आहे, हिमालयावर एक सुंदर मंदिर आहे आणि त्या मंदिराची तुम्हाला आस लागली आहे. तर धाप लागली तरी तुम्हाला कुठेही असं वाटतं नाही की, जाऊ दे कशाला जावं ??? तसंच ना, मला गाण्याचं एक सुंदर सरस्वतीचं मंदिर सापडलं आहे. ते मंदिर आणि तो प्रवास. प्रत्येक वेळेला प्रवास म्हटल्यानंतर कधी तरी टायर पंकचर होतं,

कधीतरी भूक लागते, कधी तरी आपल्याला वाट चुकल्यासारखी भासते. या गोष्टी होत जरी असल्या ना, तरी आपली जर ध्येयं लांब असली तरी ती आपली असतात. त्या ध्येयांबद्दल आपल्याला खूप तळमळीने वाटत असेल, त्याच्या बदलच प्रेम असेल तर या गोष्टी तेव्हा तेव्हा खूप काही करवून घेतात.

खूपच झालं तर, आता पहिलं सांगायचं असेल, तर मी अगदी २००५ - ०६ साला पर्यंत आधी इंजिनीरिंग केलं, मग मास्टर्स केलं, मग दुसरं मास्टर्स केलं, मग गाण्यामध्ये आलो. २००५ पर्यंत मी फुलटाईम गाणं करत नव्हतो पण सतत गायन सुरूच होतं. माझ्याकडे डिग्री होती आणि जेव्हा पूर्णवेळ गायन करूयात हा निर्णय घ्यायची वेळ आली तेव्हा मला ते खूप कठीण गेलं. ह्या करता नाही, की मला गाण्याबद्दल प्रेम कमी होतं किंवा नसतं तर मी आज हे केलंच नसतं. पण असंभाव्यता मध्ये येते. मी एक अत्यंत मिडल क्लासमध्ये जसे सगळे जगतात ना, त्यापद्धतीने मोठा झालो. माझे वडील ४० वर्षे सर्व्हिस केलेले आहेत. त्यामुळे एकदम अशी मोठी रिस्क घ्यावी तो माझ्यासाठी कठीण क्षण होता. पण मघाशी सांगितल्याप्रमाणे प्रेम असेल तर आपोआप गोष्टी सुरू होतात.

प्रश्न १२:-

तुम्हाला असं वाटतं का, की पडद्याआड काम करणाऱ्या संगीतकारांना चित्रपटसृष्टीत योग्य ते स्थान मिळत आहे? तसेच सध्या शास्त्रीय संगीत व बॉलिवुड संगीताचे फ्युजन सुरू आहे. त्याबद्दल आपले काय मत आहे ?

उत्तर:-

एकतर मी पडद्याआड गायक नाहीये. मी चित्रपट संगीतातला सुद्धा गायक नाही.

एकतर मी पडद्याआड गायक नाहीये. मी चित्रपट संगीतातला सुद्धा गायक नाही. मी बोटारवर मोजण्याइतके गाणी गायलोय. म्हणजे कट्यार काळजात घुसली हा माझा पहिला अधिकृत चित्रपट. त्याच्यानंतर मी व्यक्ती आणि वल्ली या चित्रपटात गाणं गायलं. मी फारशी गाणी म्हणजे पार्श्वगायक असा नाहीच. मी आहे शास्त्रीय संगीत गाणारा आणि शास्त्रीय संगीत गाणारे जेव्हा मैफिलीत बसतात ते मध्यावरती असतात!

तरीसुद्धा तुमचा प्रश्न कळाला मला. मला असं वाटतं कि, that is not your lookout. तुम्ही पडद्यामागे आहात किंवा पुढे आहात का ह्यामुळे काहीही फरक पडत नाही. समजा मी तुमच्यासमोर ५ नोबेल पारितोषिक विजेते आणले आणि तुला ओळखायला सांगितले तर त्यांना चेहऱ्याने तुम्ही ओळखाल का? नाही. पण तुम्हाला जर सांगितलं कि हे जे काही तुम्ही वापरत आहात हे त्यांचं इन्वेंशन आहे. असं म्हटल्यानंतर तुम्हाला त्यांचं मोल कळेल. आता गाणं गाणारा, तुम्ही जर पार्श्वगायन पत्करलं तर तुम्ही पडद्याआड असता. पण पडद्याआड असूनही लतादीदींना भारतरत्न मिळाला आहे. त्यामुळे मला असं वाटत नाही, की ह्या पद्धतीने बघायला पाहिजे, की मी पडद्याआड आहे म्हणून मला कमी संधी मिळत आहेत. जो दिग्दर्शक आहे तो पडद्याआडच असतो ना. तो कधी चित्रपटात येत नाही. त्यामुळे प्रत्येकाचे काम जे आहे ते काम सांगत असतं की, तुम्ही कुठे, कुठल्या पद्धतीने असणार आहात. तर कदाचित जर तुम्ही म्हणत असाल तर त्यांना तितकेच श्रेय मिळते. मग तहान लागल्यानंतर आपण विहीर शोधतो तसं एखादं आवडतं गाणं ऐकण्यात आलं तर कोण गात आहे? हे आपण मुद्दाम पहायला जातो.

मला असं वाटतं, की कलाकाराने कलेतच आनंद शोधत काम करावं. कलेमुळे मिळणा-या गोष्टीमध्ये आनंद पाहिला तर त्या मिळणाऱ्या गोष्टी अशाश्र्वत आहेत. त्या तुमच्या हातात नसतात. गाणं तुमच्या हातात आहे, कला तुमच्या हातात आहे. दोन तास गात असतांना मला जर आनंद मिळाला. तरच ते पूर्णवेळ करता येणं शक्य आहे. कारण मला रोज दोन तास लोकांसमोर गायला लागेल, जर त्याच्यात आनंद नसता मिळाला तर ते पैसे मला इंजिनीरिंगमध्ये जास्त नाही का मिळणार ?

शास्त्रीय संगीत आणि बॉलीवूड संगीत हे पूर्वीपासून फ्युजन चालू आहे. हे काही आजचं नाही. आर डी बर्मन यांनी जे वापरलं त्यांच्यापासूनच ते चालू आहे. मुळात आपल्याला एक गोष्ट लक्षात घ्यायला हवी की सतार, तबला या वाद्यांची ओळख शास्त्रीय संगीताची वाद्य अशी आहे. मुळात ही वाद्य नव्हतीच शास्त्रीय संगीतात. ती कधीतरी पर्शियन संस्कृतीतून आलेली आहेत. त्यामुळे मुळात शास्त्रीय संगीत आणि फ्युजन काय आहे, हे जरा वेगळ्या पद्धतीने बघितलं पाहिजे. जेव्हा स्वराला ताल मिळतो तेव्हाही फ्युजनच असतं. बरोबर आहे ना? एका रागाला दूसरं वाद्य मिळतं ते ही एक फ्युजनच असतं. त्यामुळे मला असं वाटतं की आपण आयुष्यामध्ये वर्णावरून, जातीवरून, शहरावरून, प्रांतावरून, देशावरून खुपच भेदभाव करतो. त्याच्या पलिकडे आपण सगळे मनुष्य आहोत, सगळे श्वास त्याच पद्धतीने घेतो, भूक लागली की त्याच कमीजास्त फरकाने अन्न खातो. थोडीशी कळ लागल्यानंतर त्याच पद्धतीने डोळ्यात पाणी येतं, आपल्याला आनंद झाल्यानंतर आपण हसतो. इतकं जर साम्य आहे तर कशाला आपण भेदभावाकडे लक्ष द्यावं?



आणि मुळात ना, कसं आहे, ज्या भाषेत तुम्ही विचार करता ती तुमची मातृभाषा, ती कधी हलत नाही. मी रियाजाला कधीही बसलो तर मी काही फ्युजनचा रियाज नाही करत. मी लहानपणापासून षड्ज लावायचा, डोळे मिटून एक पलटा करायचा, बंदिश घोटायची, अजूनही आजतागायत रियाज करतो.

मुळात मला असं वाटतं, की जसं आयुष्य बदलत असतं तशी कला बदलत असते. मगाशी म्हटल्याप्रमाणे नवीन वाद्य भारतात आली आणि त्या वाद्यांवर शास्त्र वाजवलं गेलं. त्यानंतर जसं तंत्रज्ञानाचा विकास झाला तसे मल्टी चैनलच रेकॉर्डिंग सुरू करता आलं. पूर्वी सगळे एकत्र करायचे आता तर रेकॉर्डिंगही एकत्र करत नाहीत. प्रत्येक काळाची एक गरज

असते. जेव्हा गरज भासते तेव्हा त्याच्यात आपण जो उपाय शोधत असतो ना, त्या उपायाचा फायदा कसा होणार आहे आणि भडिमार कसा होणार नाही, हे फक्त बघायची गरज आहे.

प्रश्न १३:-

कोरोना महामारी मुळे कित्येकांनी नोकऱ्या गमावल्या, विद्यार्थ्यांनी शेवटचे वर्ष गमावले, तर तुम्ही सर्वांना यातून काय संदेश देऊ इच्छिता ?

उत्तर:-

मी संदेशाच्या आधी काय करतोय ते सांगतो. नुसता संदेश देऊन दुपारची पोटाची भूक भागत नाही. ICMA फाउंडेशन नावाची माझी एक संस्था आहे येथे. . नॉन प्रॉफिट ऑर्गनायझेशन.

आपण इंडिया मध्ये NGO म्हणतो ना तशी. आपल्या अभिजात शास्त्रीय संगीताची संस्कृती जोपासण्याकरता येथे ती संस्था सुरू केली. साधारण आठ-दहा वर्षांपूर्वी सुरू केली. तर कोरोनामुळे आता कलाकार मंडळी सगळीच घरी बसून आहेत. अगदी तुम्ही नाव कुठले घेतले तरी ते घरीच आहेत, बरोबर आहे ना? बाहेर जायला कोणालाही परवानगी नाही. पण त्यापैकी ज्या मंडळीकडे कदाचित साठवलेले पैसे नसतील आणि त्यामुळे त्यांना त्याचा कुठेतरी स्ट्रेस येत असेल तर त्या मंडळींना आपल्याकडून काहीतरी मदत व्हावी या करता आम्ही आर्टिस्ट अवॉर्ड नावाचे अवॉर्ड सुरू केले आहेत. संपूर्ण भारतातून चोवीस लोकांची निवड केली जाते. त्यांना प्रत्येकी पंचवीस हजार रुपये आम्ही अवॉर्ड म्हणून देतो. आणि विकेंडला शनिवारी ९:३० वाजता रात्री ICMA यु ट्यूब चॅनलवर आणि फेसबुक पेजवर त्यांची एक छोटीशी मिनी मैफिल आम्ही करतो. तर या गोष्टी करतोय.

कधी ना कधी लस येईलच. पण ते जोपर्यंत होत नाही जोपर्यंत आपल्याला त्याचं संशोधन करता येत नाही, तोपर्यंत त्याचा स्ट्रेस किंवा बर्डन घेण्यापेक्षा काहीतरी मिळालेल्या वेळेमध्ये सकारात्मक करण्याचा प्रयत्न करूयात.

सगळे स्वतःची काळजी घ्या आणि यशस्वी व्हा.

धन्यवाद!

दुसरं बऱ्याच वेळेला कुठल्याही संकट काळामध्ये काही ना काही चांगल्या गोष्टी होतात. संकट आलंय ते तर काय आता वेगळ्याने मी अधोरेखित करण्याची आवश्यकता नाही. ते आलं ते आपल्याला माहित आहे. लॉकडाऊनमध्ये घरी राहायला लागतंय, बरीच गैरसोय होतीय, पण जर त्याला काही इलाज नसेल तर त्याचा सातत्याने त्रास करून घेण्यात काहीच अर्थ नाही, तो उलट तुम्हाला त्रास देईल. एकतर बाहेर पडता येत नाहीये याचा स्ट्रेस. ज्या गोष्टी करायला आवडतात त्या करता येत नाहीत त्याचा स्ट्रेस, मग घरी परत बसायला लागतं याचा आणखी वेगळा स्ट्रेस घेतला तर त्यांना सकारात्मक काहीच साध्य होणार नाही. मी सांगतो बऱ्याच वेळेला, आपली बकेटलिस्ट असली की मला हे करायचं, आता आताच काही दिवसांपूर्वी बातमी कोरोना वरती लस ह्यूमन ट्रायल पर्यंत पोहोचलेली आहे.

पंख भरारीचे

भरारी घेण्या आकाशी,
मन काहूर झाले आहे.
नवजन्म घेतला तुझ्याचमुळे,
तुझ्या प्रेमाची गरज आहे...

रुतल्या पायांना मातीमध्ये,
आकाशाचे वेड आहे...
तडपणाऱ्या माझ्या जीवनासाठी
स्वातंत्र्यात स्वर्ग आहे.

का केलीस दशा अशी?
दानवा जैसा कसा तू?
नवपरीचे पंख छाटणारा.
पाषाणहृदयी बाप तू.

एक संधी देऊन बघ,
कर्तव्याला जाणून बघ,
आहे मी तुझाच अंश,
काळजाला या जपन बघ...

हसण्याने या माझ्या.
घर आपले बहरून ठेवेन,
जिंकावया जग मजला,
पंख भरारीचे देऊन बघ... !

ईश वसतो अंतरी

कोण रुजावे त्या बिजा? जन्म देई त्या तृणा?
ईश वसतो अंतरी, भोवती त्याच खुणा

शोध सरता या चरी, तीर्थक्षेत्री या मंदिरी
शांत निरव या मनी, पाहिले मी निर्गुणा

कर्म घडवे प्राक्तना, मोक्ष देई तेच ना
भोग मग ते गांजता, दोष का द्यावा कुणा?

बुद्ध निरखे ज्या क्षणी, अंतयात्रा दूर ती
निर्जीव तना पाहता, जन्मली त्याची घृणा

मोहमय हा भोवरा, जाणिले मी नश्वरा
व्यर्थ कळता लोभ हा, त्यातूनी झाले उणा

सत्य शिव रे सुंदरा, अंश मी आहे तुझा
रोज स्मरते जीवनी, त्या नियतयांच्या ऋणा

दुःख अवघे संपले, ना आता त्या वेदना
अर्थ कळताना तुझा, हर्ष होई रे दुणा

स्वाभिमान

स्वाभिमान बाळगावा उरी आईसाठी
जिने करून रक्ताचं पाणी
दाखविले आम्हा हे विश्व
उच्चारवी सतत तिच्यासाठी गोड वाणी ॥ १ ॥

स्वाभिमान बाळगावा उरी बापासाठी
ज्यांनी झिजवून स्वतःचे तन
घडविले आमुचे अमूल्य जीवन
जाणण्यास त्यांना असावे पवित्र मन ॥ २ ॥

स्वाभिमान बाळगावा उरी गुरुंसाठी
ज्यांनी देऊनी ज्ञानाचा ठेवा
दाखविले आम्हा यशाचे शिखर
आजन्म त्यांना स्मरणात ठेवीन देवा ॥ ३ ॥

स्वाभिमान बाळगावा उरी संतांसाठी
ज्यांनी देऊनी समतेची शिकवण
दाखविला आम्हा भक्तीचा मार्ग
असावी मनात त्यांच्या विचारांची साठवण ॥ ४ ॥

आशावादी मानव

जन्माला आला मानवी दगड ।
त्याला फूटला आशेचा पाझर ॥
आशा , इच्छेची बांधुन शिडी ।
चढू लागला आयुष्याचा डोंगर ॥

फिरल चक्र नियतीचं ॥
लागल ग्रहण त्याच्या आशेवर ॥
विझवून प्रकाश आशेचा ।
पसरला असमाधानाचा अंधार ॥

लोभ झाला राजा मनाचा ।
इच्छा ठेवली दासी करुन ।
हरवली दिशा आयुष्याची ।
तो झाला स्वःतचाच गुलाम ॥

इच्छा, आशा मारुन स्वःताची ।
केला मानवाचा पुन्हा दगड ॥

लागली ठेच निराशेची ।
फुटले गुडघे खोट्या यशाचे ॥
झाली जाणीव केलेल्या चुकांची ।
आठवले स्वप्न समाधान आयुष्याचे ॥

उगवला सूर्य नवीन आशेचा ।
त्याने हात पुढे केला मदतीचा ॥
आशेने अंत केला लोभाचा ।
अन् , मानवाला अर्थ मिळाला जगण्याचा ॥



आकाश वरुडे
बी. टेक.
कॉम्प्युटर



अस्मिता वाडीकर
टी. वाय. बी. टेक.
सिविल



प्रतीक काळे
एस. वाय. बी. टेक.
इ. एन. टी. सी.



शुभम केंद्रे
एस . वाय. बी. टेक .
कॉम्प्युटर

॥ वारी ॥

आली आली वारी, विठूरायाच्या गाभारी
वारकरी संगे पताका तो दारी
डोळे दिपवणारा हा सोहळा
दिसे संतांचा मेळावा !

आली आली वारी, विठूरायाच्या गाभारी
ती उजाडली पहाट
जिची संत पाहे वाट
टाळ मृदंगाच्या गजराची
पसरली चहुकडे लाट ...

आली आली वारी,
विठूरायाच्या गाभारी
माऊली व तुकोबा शेजारी
उभे भागा किनारी !!



वैभव देवशतवार
एस. वाय. बी. टेक.
इ. एन. टी. सी.

संध्याकाळ

पाखरा सारखीच चंचल असते वेळ
सुंदर तो पंखांच्या वेगवेगळ्या रंगांचा मेळ
जाते पाखरु भुरकन उडून हे वेळेचे
मागे पंख सोडून हे आठवणींचे

काळे - पांढरे तर काही रंगीत पंख हे
मऊ तर काही खरबरीत आयुष्यातले क्षण हे

हे पंखच तर असतात जपून ठेवायचे
गुंफत असतात चटई जोडून टोक तयाचे

विलक्षण मावळत्या सूर्याचे दृश्य बघायला
आयुष्याच्या सांध्याकाळी त्यावर निवांत बसायला



अपूर्वा ढोक
बी. टेक.
इलेक्ट्रॉनिक्स

कोरा कागद

रंग हे सगळ्या जगातले
रंग सा-यांच्या मनातले
आज ह्यांनाच मोजत जाऊ
काय म्हणतात ते चला पाहू

काळा रंग हा ब्रम्हांडाचा
प्रकाशाला खाऊन जातो
तरी या काळ्या अंधकारात
सुर्य नेहमी चमकत राहतो

निळा मला म्हणतो काय ? आकाशाचा रंग मी
स्वप्न बघत जे मोठे त्यांच्या सारखा अखंड मी
लाल माझ्या रक्ताचा शरीरात पूर्ण वाहत राहतो
प्रेमाचा हा रंग एक प्रेम करणं शिकवून जातो

शेवटी माझा रंग केशरी तिरंग्यावर फडकत राहतो
आणि रंग हा माझा राजाच्या रायगडावर फडकतो
ह्या रंगांनी सुंदर केलं आयुष्य हे पाहत जाऊ
आयुष्य ह्या कोऱ्या कागदावर चला रंग थोडे भरत जाऊ



अथर्व गट्रे
टी.वाय.बी.टेक.
आय.टी.

आठवण

मन होईल व्याकुळ माझे
जेव्हा आठवण येई मला
दिसे बालपण माझे
पाहून त्या चिमुकल्यास

खेळता पाहून त्याला
बालपण आठवायचे
अन मन रडू लागायचे
नदीला पूर आला की

कागदाची का होईना
पाण्यात जहाज चालायची
उन्हाळ्याची सुट्टी
मामाच्या गावी संपायची

बालपणीच्या शाळेत
गप्प मी असायचो
आनंदाचा क्षण
फुकाट मी घालवायचो

लहानपणीच्या भांडणातही
आनंदाचा क्षण असायचा
सभ्यपणाच्या गर्वात
मी तो घालवायचा

आठवून तो क्षण
पुन्हा रडू यायचे
बालपणीच्या आठवणीत
विसरून मी जायचे



शिवहार चाटे
एस.वाय.बी.टेक.
सिविल

मला सुद्धा कळले नाही

आकाशाकडे पाहिले
शांततेची चाहूल लागली
दूर दूर नजर फिरवली
लांब कोणी माझ्या सारखे दिसले
सोबतीला कोणीतरी होते
काहीवेळानी तेही गायब झाले

पंख फुटले
झेप दूर घेतली
रात्रीचे चांदणे
दिवसा शोधायला लागले

रात्रीची झोप हरवली
दिवसाला येऊ लागली
डोळे उघडे ठेवणे अवघड झाले
दुहेरी चेहऱ्याच्या जगात राहणे कठीण झाले

मनातले भाव मनात राहिले
होटावरचे बोल कंठात दबले
डोळ्यातले पाणी सुकून गेले
कारण बघायला कोणीच नाही राहिले
काय झाले काय माहित
वेळेसोबत माणूस पण बदलायला लागले ...



यश बनसोडे
एस.वाय.बी.टेक.
मेकॅनिकल

आई

जगण्याच्या धावपळीत,
घर सुटतं पण...
आठवणी कधीच सुटत नाहीत...
आयुष्यातील आई नावाचे पान,
काही झालं तरी मिटत नाही...

तळ हाताचा पाळणा करून
सांभाळते ती आपल्याला...
आपल्या आयुष्यात आनंदाची...
नेहमीच झुलवते ती माळ...
आपण जरी विसरलो...

तरी माया तिची कधीच घटत नाही...
आयुष्यातलं आई नावाचं पान...
काय झालं तर कधीच मिळत नाही...
तिच्या अखेरच्या श्वासापर्यंत...
तिला आपलाच लळा असतो...

आपलं भलं व्हावं...
हृदयात तिच्या जगण्याचा सोहळा असतो...
तिच्या पंखाखाली मग निवांत असते...
चिंता कधी वाटत नाही...
आयुष्यातील आई नावाचं पान...
काही झालं तरी मी टाकत नाही...



वैभव देवशतवार
एस.वाय.बी.टेक.
इ.एन.टी.सी.

नकळत प्रेम करणे व्हावे ...

नकळत प्रेम करणे व्हावे,
त्या प्रेमातच झुरणे व्हावे,
घाव झेलल्या झाडावरती
पुन्हा पालवी धरणे व्हावे.

प्रेम असे की करणे व्हावे,
संवादाचे सरणे व्हावे,
निःशब्दातून नीरवतेतून
मूर्त भावना करणे व्हावे.

प्रेमातच मग मुरणे व्हावे,
त्यातूनच मग स्फुरणे व्हावे,
अंती काही शिल्लक नसता
प्रेमाचे या उरणे व्हावे.

प्रेम क्षण एक करणे व्हावे.
जीवनभर ते पुरणे व्हावे,
प्रेमातच या जगता जगता
प्रेमामध्येच मरणे व्हावे.



ओमकार गिजरे
बी. टेक.
मेकॅनिकल

बदलती नाती

आईच्या कुशीतली जागा बॉटलने घेतली,
वडिलांना दडपून राहणार मुलं बापाला ओरडू लागली,
आई सारखी मावशी अन बाबा सारखे मामा,
यांची जागा uncle अन aunty नी घेतली
गोष्ट सांगणारी आजी आता अडगळी ची जागा झाली,
मायेचे हात आता हाताचा शोध घेत देवाघरी गेली.
सहकुटुंब सहपरिवार आता
तू तेरा मैं मेरा अशी झाली,
नात्यांतली आपुलकी मीपणाने व्यापली,
रात्रीची भाकर चवीने खाणारा
आज ब्रेड शिवाय हालत नाही.
फाटक घालून झाकायचे पण फाटक घालून मिरवत आहे,
आणि वरून म्हणतो गावात राम उरला नाही,
बघायला तर राम कुठेच नाही,
हिर रांझाच नाव घेऊन
ओर्यो मध्ये रमत आहेत.
माणूस आणि माणुसकी ची परिभाषा कॅलेंडर नुसार बदलली
बदल गरजेचे पण इतका नको बेतलेला,
जीवतून जीव आणि शाळेतून शिक्षण काढलेला.



शंतनू पबितवार
टी. वाय. बी. टेक.
मेकॅनिकल

श्रमिक

क्षणभर येथे थांब गड्या रे
किती दिवस राबलास तू
किती कष्ट उपसलेस तू
त्याचा तू कर विचार

झुंज दिलीस अन्यायाशी
पचवलेस तू अन्यायाला
पण झाला का विचार ?
श्रमतोस तू सकाळी

अन सायंकाळी सुद्धा
पण दानाचा करत विचार
किती जण येथे येऊन गेले
किती जणांनी देह झिजवले

त्याचा कर तू विचार
श्रमणारी तू आहेस
कष्ट करणारा आहेस
पण शरीराचा तू कर विचार



रुतुजा दराडे
टी.वाय.बी.टेक.
केमिकल

गुलदस्ता

नाव एक असे कोरलेले आयुष्याच्या पुस्तकात,
सुंदर असे कमळ फुलते जसे चिखलात.

शांत अशा जीवनात अचानक वादळ उठले,
माझेच माझ्यापासून सारे संबंध तुटले.

सुरु झाला होता माझा लपाछपीचा खेळ,
वाच्यासारखी निघत होती विचारांमध्ये माझी वेळ.

खूप वेळ वाट पाहून संयमाचा बांध तुटला,
निर्णयाचा दोर माझ्या हातातून सपकन सुटला.

अति आत्मविश्वास माझ्या निर्णयावर मी ठेवलो,
नकळत का असेना चक्रव्यूहात मी पडलो.

गेलो आत असा बाहेर पडता येईना,
कितीही केले प्रयत्न तरी दैवच साथ देईना.

झाली आहे माझी अभिमन्यू सारखी अवस्था,
अंगी आहे बळ पण दिसेना झालाय रस्ता.

शोधत आहे वाट बसते आहेत घाव,
अजूनही गुलदस्त्यात आहेत नियतीचे सारे डाव.



वरद खोत
माजी विद्यार्थी
इ.एन.टी.सी.

विजयतिलक

ज्या मस्तकावर आज
विजयतिलक सुशोभित व्हायला हवा होता;
तेच मस्तक, तेच शरीर अपयशाच्या राखेत लोळत आहे.
ती राख झोंबतेय त्याला !

ज्या चमकदार डोळ्यांनी भव्य स्वप्नमहाल रचले होते;
आज त्या स्वप्नांचा चुराडा डोळ्यात काचतोय.
ज्या महत्वाकांक्षी हातांनी आकाशाला गवसणी
घालण्यासाठी दिवसरात्र मेहनत घेतली होती, आज तेच हात
अपयशाचं दुःख कवटाळून बसले आहेत.

ज्या पावलांनी यशोशिखर गाठण्यासाठी
बोचणा-या काट्याकुट्यांची,
दगडधोंड्यांची पर्वा केली नाही,
ती पावले आता दमली आहेत..
त्यांच्यात त्राण उरले नाही आहेत.

पण...

पण त्या शरीररूपी रथाचा सारथी असलेला आत्मा;
तो आहे अजूनही जिवंत !
जरी शरीर झालं आहे मृतवत तरीही...
त्यात आहे अजूनही शिल्लक अंतःप्रेरणा, ' जगण्याची ',
यशस्वी होण्याची !
तोच आहे जो पुन्हा कार्यान्वित करेल हे शरीर.
आणि मग तेव्हा, अपयशाला कवटाळून बसलेले बाहू
पुन्हा फुरफुरतील, लढण्यासाठी !



त्राण हरवलेली पावले पुन्हा चालू लागतील यशाची अरुंद
वाट.

पुन्हा चढतील तो यशाचा टोकदार सुळका.
ते अश्रू ढाळणारे डोळे ।

पुन्हा तुटलेल्या काचांपासून नवीन स्वप्नमहाल रचतील.
आणि मग...

एक दिवस नक्कीच, विजयश्री पायाशी लोळण घेईल.
आणि त्या आसुसलेल्या मस्तकाचाही विजयतिलक
होईल...
नक्कीच !



दिव्या चौधरी
एस. वाय. बी. टेक.
कॉम्प्युटर

॥ माऊलीची पालखी ॥

गर्द धुक्याने माखली,
पायवाट हरवली ।
पाऊले ही थांबली,
सवे माऊलीची पालखी ॥

भक्तांची मांदियाळी,
माहेरच्या वाळूवरी ।
पुंडलिकाची पायरी,
अबीर, गुलाल अंबरी ॥

पूर येई लोचनी,
दूर राहिली पंढरी ।
अपूर्ण आस दर्शनी,
येऊ शके ना मंदिरी ॥

निष्पाप नोहेच मी,
तुझ्या जनी, कान्हो परी ।
सांग रे कोठे चुकलो,
बोल काही नरहरी ॥

मुंगीलाही नाही जागा,
गजबजे सारी पंढरी ।
गूज मनीचे सांगता,
बोलले श्रीकृष्ण मुरारी ॥



गर्दी चंद्रभागे तिरी,
माळा फुलांच्या कळसावरी ।
व्यवहार सोन्यांच्याच मनी
जसा गोडवा नवा सागरी ॥

वाट पाहाता विटेवरी,
युगे लोटली कितीतरी ।
हरवली माझी शबरी,
आणि सुदाम्याची शिदोरी ॥



श्रेयस गोळेगावकर
एस.वाय.बी.टेक.
कॉम्प्युटर

आम्ही शिवजयंती साजरी करतो !

आम्ही शिवजयंती साजरी करतो
सहा फुटी झेंडे मिरवतो
बेंबीच्या देठापासून जयघोष करतो
आम्ही शिवजयंती साजरी करतो

आम्ही शिवजयंती साजरी करतो
पण आम्हीच स्त्रीला जिवंत जाळतो
जिजाऊच्या लेकी भोगवस्तू मानतो
आम्ही शिवजयंती साजरी करतो

आम्ही शिवजयंती साजरी करतो
डॉ.प्रियंका असो वा हिंणघाटची प्राध्यापिका
हताशपणे त्यांचे मरण पाहतो
आम्ही शिवजयंती साजरी करतो

आम्ही शिवजयंती साजरी करतो
आम्हीच महापुरुषांना जातीपातीत वाटतो
गांधी आमचे सावरकर तुमचे यातच धन्य मानतो
आम्ही शिवजयंती साजरी करतो

आम्ही शिवजयंती साजरी करतो
ज्यांनी स्वातंत्र्य दिले देशाला
त्या विभूतींनाच चौकटीत बांधतो
आम्ही शिवजयंती साजरी करतो

आम्ही शिवजयंती साजरी करतो
भ्रष्टाचार होतांना सर्रास पाहतो
वेळ पडली तर आम्हीच लाच मागतो
आम्ही शिवजयंती साजरी करतो

आम्ही शिवजयंती साजरी करतो
बळीराजाला खोटी स्वप्ने आम्हीच दावतो
आम्हीच कष्टकऱ्यांची भाजी-भाकरी मारतो
आम्ही शिवजयंती साजरी करतो

आम्ही शिवजयंती साजरी करतो
आम्हीच प्रसंगी सत्तेसाठी देश जाळतो
आम्हीच एकमेकांमध्ये फुट पाडतो
आम्ही शिवजयंती साजरी करतो

आम्ही शिवजयंती साजरी करतो
शिवरायांची प्रतिमा मस्तकी धारण करतो
मात्र शिवरायांचे आचरण साफ विसरतो
आम्ही शिवजयंती साजरी करतो

आम्ही शिवजयंती साजरी करतो
तारीख की तिथी यावर भांडतो
मी मर्द मावळा शिवरायांचा
आजचे दाहक दृश्य मांडतो
आम्ही शिवजयंती साजरी करतो



सिद्धार्थ महेश सातभाई
बी.टेक.
केमिकल

गर्भाचे बोल !

आई तुझ्या गर्भाशयात,
राहायचंयं गं मला...
नको ना ! घेऊ जीव माझा,
येऊ दे ना या जगात मला...

नाही घालणार मागणी कसलीच,
नाही लादू देणार ओझे तुझ्यावर...
एकच मागणी आहे गं माझी,
दे ना! फक्त जन्म मला...

या जगात यायचंयं,
न मुक्त पाखरुवाणी,
वावरायचंयं गं मला...

आई तुझ्या गर्भाशयात,
राहायचंयं गं मला

खुप सार्या आठवणी,
जपुन ठेवायच्याय मला...
न एक एक क्षण,
तुमच्यासंग घालवायचायं गं मला...



गर्भपात गुन्हा आहे !
असं मी ऐकलयं गं...
पन ते फक्त औपचारिकतेसाठी,
ते आज कळलयं गं मला...

आई फक्त तुमच्यासाठी,
या जगात,
यायचंयं गं मला...

आई तुझ्या गर्भाशयात,
राहायचंयं गं मला...



शुभम कुवर
बी.टेक.
सिविल



भारतीय जलतरणपटू सुयश जाधव



मुलाखतकार:

- त्रिवेणी गायधने
- प्रद्युम्न पुंड
- स्नेहा खराटे
- नंदिनी बारकुल
- प्रतिक भांगे
- वेदांत दवांगे

मुद्रितशोधन:

- त्रिवेणी सुरेश गायधने
- प्रद्युम्न सुनिल पुंड



प्रश्न क्र. १) सर, तुमचा जन्म सोलापूरचा. बालपणीचे तुमच्या जीवनात अनेक किस्से असतील. तर आम्हाला तुमच्या बालपणाबद्दल आणि शैक्षणिक प्रवासाबद्दल जाणून घ्यायला आवडेल.

उत्तर :- बालपणी म्हणजेच लहान असतांना मी पोहायला शिकलो. वयाच्या दुसऱ्या तिसऱ्या वर्षी मी विहिरीमध्ये पोहायला शिकलो. मला लहानपापासूनच पोहायची खूप आवड होती. मी उन्हाळ्याच्या दुपारी पोहायला जायचो. शाळा जेव्हा जेव्हा नसते म्हणजे रविवार, दिवाळीची सुट्टी, उन्हाळ्याची सुट्टी मग आणखी नाताळची सुट्टी असेल तेव्हा आम्ही पोहायला जायचो. तर तेव्हा पोहायला इतकं आवडायचं की बऱ्याच वेळा आई बाबांना न सांगता आम्ही विहिरीवर पोहायला जायचो. तर अश्यापद्धतीने मी लहानपणी आनंद घेतलेला आहे आणि शैक्षणिक प्रवासाबद्दल सांगायचं झालं तर दोन्ही अभ्यास आणि खेळण म्हणजे लहानपणी विहिरीला पोहायला जाणे, क्रिकेट, विटी दांडू, कबड्डी, लंगडी खेळण अश्या बऱ्याच छोट्या छोट्या गोष्टी आम्ही केल्या आहेत आणि त्याचबरोबर अभ्यासदेखील केलेला आहे. तेव्हा एक ठराविक वेळ असायची, पप्पा आम्हाला एक वेळ द्यायचे की यावेळी अभ्यास केला पाहिजे, यावेळेस खेळायला गेले पाहिजे तर त्यावेळेस मी ते करायचो. तर लहानपणी खूप मजा यायची आणि एवढं करूनसुद्धा मी अभ्यासामध्ये दहावी पर्यंत मी ८५% ते ९०% च्या आसपासच असायचो. तर अभ्यास आणि खेळ या दोन्ही गोष्टींची सांगड घालून खूप चांगल्याप्रकारे माझं बालपण गेलं.

प्रश्न क्र. २) सर, जेव्हा तुम्ही ११ वर्षांचे होतात आणि तो आयुष्य बदलणारा प्रसंग तुमच्यासोबत घडला तेव्हा त्यावर मात करायला, त्यातून बाहेर पडायला लागलेले बळ आणि प्रेरणा कुठून मिळाली ?

उत्तर :- तेव्हा मी सहावीमध्ये म्हणजे ११ वर्षांचा असतानाच माझ्या हाताला विजेचा झटका बसला. माझ्या भावाचं एका शाळेत लग्न होतं आणि लग्नाला गेला असताना; लग्नाच्या आदल्या दिवशी म्हणजे त्या शाळेच्यावरून एक इलेक्ट्रिक लाईन गेली होती. आम्ही लोखंडी गज घेऊन खेळत होतो. तो लोखंडी गज तारेला चिटकला आणि माझे दोन्ही हात कट झाले. आणि त्यानंतर माझ्या पप्पाचं, माझ्या कुटुंबाच माझ्या बदलचे स्वप्न कसे पूर्ण करावे? काय करावे यासाठी ? ते थोडे डिप्रेसनमध्ये गेले आणि मी लहान असल्यामुळे मला याचं काहीच गांभीर्य नव्हतं. समजत होतं कि, आपल्यासोबत खुप विचित्र घडलंले आहे आणि त्यामुळे घरचे खुप चिंतेत आहेत. एवढं मला समजत होतं. आणि मोटिवेशन किंवा इन्सपिरेशन किंवा ह्या गोष्टीतून बाहेर पडण्यासाठी मी काय केलं. खरं तर मी लहान असल्यामुळे जास्त डोक्यामध्ये विचार नाही आला. सगळी कामं घरच्यांनी केली. जस जसा मी मोठा होत जात होतो तसतसा हळूहळू मी स्वतः चे काम स्वतः करू लागलो आणि एक दिवस असा आला कि, सर्व कामे स्वतःची स्वतः करायला लागलो आणि त्या वेळेस मी मोठा झालो होतो. खरेतर त्या वेळेस जर मी डोक्यात विचार आणला कि, मला विजेचा झटका बसलेला होता आणि यामधुन मी बाहेर कसं पडू ? पण आधीच यामधुन बाहेर पडलो होतो. स्वतःची काम स्वतः करतं होतो, स्वावलंबी झालो होतो तर मला ह्या गोष्टींचा जास्त गांभीर्य किंवा खूप मोठा तोटा झाला असं कधी मला वाटलच नाही.

प्रश्न क्र. ३) सर, अचानक ओढावलेल्या या परिस्थितीच्या संकटावर मात करत १० वीमध्ये ८७% गुण मिळवणे आणि हिच जिद्द कायम ठेवून भारतासाठी जागतिक पातळीवर सुवर्ण पदक मिळवणे हा प्रवास तुमचा एकाग्र, सातत्यपूर्ण, जिद्दी असा स्वभाव दाखवतो आणि त्यातल्या तुमच्या शिक्षण घेत असतानाच्या काळातल्या काही आठवणी जाणून घ्यायला सर्वांना आवडेल ?

उत्तर:- दहावीमध्ये ८७% गुण मिळाले, बारावी मध्ये ८०% गुण मिळाले. तर या वेळेस मी नववी- दहावी मध्ये काय केल ते सांगतो मी. तर सकाळी ६ वाजता क्लास असायचा, त्यासाठी मी ५ वाजता उठायचो. सगळं आवरून मी क्लासला जायचो. क्लास साधारण ६ ते ८ पर्यंत असायचा. तर मी ६ ते ७.३० वाजेपर्यंत क्लास करायचो. तिथून १५ मिनिटांमध्ये बसस्टॅंडला जायचो. तिथून बस पकडून १० - १५ किलोमीटर अंतरावर जलतरण तलाव होता. बसने अकलूजला जायचो. तिथे १.३० तास जलतरणाचा सराव करायचो. त्यानंतर परत घरी म्हणजे वेळापूरला यायचो. त्यानंतर घरी आल्यानंतर नाष्टा वगैरे करायचो. त्यानंतर परत शाळेमध्ये जे दहावीचे ज्यादाचे तास असतात, त्या तासांना १०- १०.३० वाजता परत जायचं. तिथून ५.०० वाजेपर्यंत शाळा असायची. ५ वाजता शाळा सुटल्यानंतर परत आणखी सरावाला जायचं. १- १.३० तास सराव झाल्यानंतर घरी ७.३० -८ वाजेपर्यंत जायचं आणि मग घरी आल्यानंतर जो वेळ मिळेल त्या वेळेमध्ये अभ्यास करायचा.

एकंदरीतच हे माझं नववी - दहावी मधलं वेळापत्रक होत. या मध्ये अभ्यास करणं आणि सराव करणं हे खूप आव्हानात्मक होत. खूप दमायचो, खूप थकायचो.

प्रश्न क्र. ४) सर तुमच्यामध्ये स्विमिंगची आवड कशी व केव्हा निर्माण झाली? तुम्हाला यात मार्गदर्शन करणारे व प्रोत्साहन देणारे तुमच्या आयुष्यातील व्यक्ती कोण ?

उत्तर:- मी आता थोडं विस्तारामध्ये सांगतो. माझे वडील स्वतः नॅशनल स्विमर होते, पण काही कारणांमुळे ते नॅशनला पार्टिसिपेट करू शकले नाही. कॉम्पीटिशन कॅन्सल झाली आणि त्यांची इच्छा अपूर्ण राहिली होती, ती मी पूर्ण करावी म्हणून त्यांनी मला स्विमिंग शिकवलं. वयाच्या दुसऱ्या तिसऱ्या वर्षी मला स्विमिंग शिकवलं. त्यानंतर विहिरीमध्ये ट्रेनिंग घेतले. आणि कॉम्पिटिशनला जेव्हा पार्टिसिपेट करणार होतो त्याच वर्षी माझ्या भावाचं लग्न होतं. त्या वेळी माझ्या हाताला करंट लागला. मी माझे दोन्ही हात गमावले. तुम्ही आता जो प्रश्न विचारला त्याचे उत्तर मी असच सांगिन की, माझ्या वडिलांमुळेच मला स्विमिंगची आवड निर्माण झाली. अशा परिस्थितीतही त्यांनी मला स्विमिंगसाठी प्रोत्साहन दिले आणि म्हणूनच तेच माझे इन्सपिरेशन सोर्स आहेत. त्यांच्यामुळेच मला स्विमिंगची आवड निर्माण झाली.

प्रश्न ५) सर, सगळ्यांना आपला पहिला बक्षीस खूप खास असतो.आणि तुम्हाला इंटरनॅशनल पातळीवर खूप मेडल्स मिळाली आहेत. तर आपला पहिला इंटरनॅशनल मेडल कोणता आणि त्याबद्दलच्या कुठल्या आठवणी आहेत ?

उत्तर:- मी आजपर्यंत ऑलिम्पिक गेम, एशियन गेम असे खूप गेम्स खेळलो, खूप स्पर्धेत भाग घेऊन जिंकलो सुद्धा. परंतु खरं तर या सर्वांमध्ये माझ्यासाठी अविस्मरणीय, कधीही न विसरणारी, आठवणीत राहणारी अशी हि आंतरराष्ट्रीय स्पर्धा आहे ज्याबद्दल मी आता सांगेन.

या स्पर्धेच्या काळात दहा ते पंधरा दिवस मी आजारी होतो; मला मलेरिया झाल्याकारणाने मी चार-पाच दिवस ऍडमिट होतो आणि तेथून बाहेर येताच, दहा-बारा दिवसाआधी कळलं की, माझी आंतरराष्ट्रीय स्पर्धेसाठी निवड झालेली आहे. मला हे माहित झाल्यानंतर खूप तर सात-आठ दिवस मी प्रॅक्टिस केलं.

ही पहिली आंतरराष्ट्रीय स्पर्धा बेंगलोर येथे होणार होती. माझ्या आयुष्यातील ही पहिली इंटरनॅशनल स्पर्धा असल्याकारणाने माझ्या आयुष्यात खूप बदल होणार होते. त्यावेळी मी खूप उत्साहीत होतो. डोक्यात खूप विचार सुरू होते. कधी कधी वाटायचं की, आजारपणामुळे आपली फारसा रियाज केलेला नाही तर आपण कसे करू शकणार?

आम्ही २५ नोव्हेंबरला स्पर्धेच्या ठिकाणी पोहोचलो आणि माझी स्पर्धा होती २८ नोव्हेंबरला. तर दोन दिवस मी खूप प्रॅक्टिस केले आणि स्पर्धेच्या आदल्या दिवशी म्हणजे २७ नोव्हेंबरला आमची १९ जणांच्या टीम मध्ये माझ्यासकट १५ जणांना फूड पॉयझनिंग झालं. मग रात्रभर मेडिसिन घेऊन शरिराचे तापमान कमी करण्याचा प्रयत्न केला आणि दुसऱ्या दिवशी म्हणजे २८ नोव्हेंबरला सकाळी या स्पर्धेसाठी विविध देशातील म्हणजेच चायना, रशिया येथील नवनवीन जलतरणपटू आलेले मी पाहिले होते. अशा या वातावरणातमध्ये सुद्धा आणि आपल्या देशासाठी ब्राँझ मेडल मला मिळवता आले. महत्त्वाचे म्हणजे माझा वाढदिवस २८ नोव्हेंबरचा असतो आणि त्याच दिवशी मी विजयी ठरलो होतो. हा माझ्या आयुष्यातील अविस्मरणीय क्षण ठरला. ही स्पर्धा आणि परिस्थितीची जाणीव करून देणारी होती.

प्रश्न क्र. ६) सर, तुमच्या वडीलांनी स्विमिंगमध्ये राष्ट्रीय पातळीवर प्रतिनिधित्व केलेले आहे. तर त्यांची तुमच्या या प्रवासात कशाप्रकारे साथ मिळाली ?

उत्तर:- खरेतर मी आता थोड्या वेळापुर्वी सांगितलं कि, वडिलांची राष्ट्रीय पातळीवर निवड झाली होती. पण ती स्पर्धा रद्द झाल्यामुळे ते त्या मध्ये भाग घेऊ शकले नाहीत.

स्पर्धा रद्द झाल्यामुळे सहभागी नाही होऊ शकलो. पण त्यामुळे कदाचित त्यांची अपूर्ण इच्छा राहिलेली मी पूर्ण करावी म्हणून त्यांनी मला स्विमिंग शिकवले. म्हणून मला स्विमिंगमध्ये टाकण्याच्या पाठीमागे किंवा कॉम्पेटिशनमध्ये उतरवण्यापाठीमागे त्यांचे पूर्ण पाठबळ आहे असे म्हणायला काही हरकत नाही. त्यांच्यामुळेच मी स्विमिंगला सुरुवात केली आणि फक्त स्विमिंगच नाही तर मेन्टली, मॉरली त्यानंतर सगळ्याच गोष्टीमध्ये फिजिकली, फाइनॅंशियली सगळ्या गोष्टींमध्ये त्यांनी मला खूप सपोर्ट केला. एक तर आपण गावखेड्यामध्ये असतांना सुद्धा ज्या वेळेस मी स्विमिंग चालू केले त्या वेळेस आपल्या ग्रामीण भागामध्ये जास्त खेळाला महत्त्व दिल जात नव्हत. आपण जर खेळायला लागलो तर आई वडील आपल्याला म्हणतात की, काय खेळत बसला आहे? अभ्यास कर नाहीतर रानातले काम कर. तर अशा पद्धतीचे वातावरण असून सुद्धा मला पप्पा एका शब्दाने बोलले नाहीत की, तु का खेळतो आहे? अभ्यास का करत नाही? त्यांनी मला अभ्यास करायला तर सांगितल पण त्याबरोबर खेळालाही तेवढेच महत्त्व दिल. एकंदरीत मी इथपर्यंत येण्यापाठीमागे त्यांचा आधार होता, पूर्ण त्यांचाच पाठिंबा होता आणि त्यांच्यामुळेच मी आज इथपर्यंत येऊ शकलो.

प्रश्न क्र. ७) सर जागतिक पातळीवर देशाचे प्रतिनिधित्व करणे व देशासाठी पदके मिळविणे ही एक खूप मोठी गोष्ट आहे. तर तुमचा हा प्रवास कसा होता ?

उत्तर:- आताच मी सांगितलं की जेव्हा मला करंट लागला, त्यानंतर दोन-तीन वर्षांनी मला समजलं की आम्ही नाशिकमध्ये त्र्यंबकेश्वरला एका धार्मिक कारणासाठी गेलो होतो. तेथे एक तलाव आहे. करंट लागल्यानंतर मी प्रथमच तलावात उतरलो व आधीप्रमाणेच स्विमिंग करायला लागलो. माझ्या वडिलांनी माझ्याबद्दल स्वप्न बघितलं होतं ते स्वप्न पुन्हा नव्याने बघायला लागलो. पप्पांनी पॅरालिम्पिक स्विमिंग स्पर्धेची थोडी माहिती मिळवली व माझी पहिली राज्यस्तरीय स्पर्धा नाशिकमध्येच झाली. त्यामध्ये मी खूप चांगल्या पद्धतीने परफॉर्म केले. त्यामुळे नॅशनलसाठी सिलेक्ट झालो. पुण्यामध्ये नॅशनल झाले, तिथेही खूप चांगल्या पद्धतीने परफॉर्म केले. प्रत्येक वर्षी स्टेट व नॅशनल स्पर्धा खेळत गेलो. २००७ मध्ये खेळणे चालू केले, २००९ ला आंतरराष्ट्रीय स्पर्धा झाली, त्यानंतर प्रत्येक वर्षी स्टेट आणि नेशनल खेळलो. त्यानंतर २०१४-१५ हे वर्ष माझ्यासाठी खूप कठीण होतं. कारण २०१६ ला ऑलिम्पिक होतं. मला त्यात खेळायचं होतं. त्यासाठी मला २०१४ ची एशियन आणि कॉमनवेल्थ तसेच २०१५ ची वर्ल्ड चॅम्पियनशिप जिंकणेही खूप गरजेचं होतं. त्याशिवाय मी ऑलिम्पिकला क्वालिफाय करू शकणार नव्हतो पण त्यावेळी माझ्या अपूर्ण ज्ञानामुळे माझी 'पॅरालिम्पिक स्पोर्ट्स कमिटी ऑफ इंडिया' कडे तेवढा अप्रोच नव्हता, त्यामुळे मला तिथपर्यंत जाता आले नाही. बऱ्याच इंटरनॅशनल कॉम्पिटिशनला मला मुकावं लागलं. मला चान्स भेटला नाही. बऱ्याच वेळा मी असा विचार केला की, मी ऑलिंपिक कॉम्पिटिशन खेळू शकणार नाही.

आपण खेळायलाच नको होतो, असा विचार आल्याने मी स्विमिंग सोडावे असे वाटले. १-२ महिने मी डिप्रेसनमध्ये गेलो आणि स्विमिंग सोडून दिले त्यानंतर पुन्हा विचार केला की, एका कॉम्पिटिशनसाठी स्विमिंग सोडून देणे चुकीचे आहे. आपण पुन्हा प्रयत्न करू असा विचार केला. त्यातच असा प्रॉब्लेम झाला होता की, 'पॅरालिम्पिक कमिटी ऑफ इंडिया' सस्पेंड झालेली होती. भारतातला एकही अॅथलेट बाहेर जाऊन, स्पर्धेला जाऊन, ऑलिम्पिकला क्वालिफाय करू शकत नव्हता. पण एक-दोन महिन्यांनंतर 'स्पोर्ट्स ऑथॉरिटी ऑफ इंडिया'कडे रेकॉग्नीशन मिळालं. आमचा प्रवेश पाठविण्यासाठी ऑथॉरिटी मिळाली. त्यानंतर 'स्पोर्ट्स ऑथॉरिटी ऑफ इंडिया'ने आम्हाला सांगितले की, आमचा प्रवेश पाठविला आहे.

सेकंड इंटरनॅशनल कॉम्पिटिशन आणि 'फर्स्ट एब्राड इंटरनॅशनल कॉम्पिटिशन' रशिया मध्ये झाली. मी तेथे गेलो, त्यानंतर ऑलिम्पिकसाठी क्वालिफाय केले, ऑलिम्पिक मध्ये चांगला परफॉर्मन्स केला. इंटरनॅशनल कॉम्पिटिशन झाले. आय वॉन वर्ल्ड गेम्ससारख्या बऱ्याच प्रकारच्या कॉम्पिटिशन झाल्या व त्यात मेडल्स मिळवलेत. स्टेटपासून ते इंटरनॅशनल पर्यंत एशियन गेम्समध्ये पदके मिळविण्यापर्यंतचा हा असा एकंदरीत माझा प्रवास होता.

प्रश्न क्र. ८) सर, तुम्ही खूप आंतरराष्ट्रीय पातळीवरच्या स्पर्धांमध्ये भाग घेतलेला आहे. तर या स्पर्धेपर्यंत पोहोचण्यासाठी कोणत्या अडीअडचणींचा सामना तुम्हाला करावा लागला असेल आणि तुम्ही त्यावर कशाप्रकारे मात केली ?

उत्तर:- मात कशाप्रकारे केली हे सांगायचं झाल तर फक्त मी संयम ठेवला. आता मी सांगितलं की, मी जलतरण सोडून देण्याचा विचार केला होता आणि सोडूनही दिलं होतं. पण परत मी विचार केला की, एका स्पर्धेमुळे हे सोडून देणं चुकीच होतं आणि म्हणून मी संयम बाळगला.

आज ना उद्या परिस्थिती व्यवस्थित होईल आपण फक्त सराव करू. आपण केलेल्या कष्टाचं फळ कधी ना कधी तरी मिळेल असा विचार करत अस म्हणतं मी संयम ठेवला. ज्या पद्धतीने मला अडचणी आल्या. ज्या पद्धतीने मी सांगितलं २०१४ मध्ये कॉमन वेल्थ एशिया गेम्समध्ये संधी मिळाली नाही.

माझं कमी ज्ञान त्यानंतर माझी एन्ट्री पाठवली गेली नाही, मला संधी मिळाली नाही. त्यानंतर २०१५ मध्ये वर्ल्ड चॅम्पियनशिप या स्पर्धेमध्ये मला संधीच मिळाली नाही. कारण या स्पर्धेमध्ये खेळायचं असेल तर आपल्याला दुसऱ्या कोणत्यातरी इंटरनॅशनल स्पर्धेमध्ये जाऊन या स्पर्धासाठी जे मिनिमम क्वालिफायिंग टायमिंग जे दिलेले असतात ते आपल्याला मिळवावे लागतात.

त्या नंतरच आपण या मोठ्या मोठ्या स्पर्धांमध्ये खेळू शकतो. तर या स्पर्धा खेळण्यासाठी मला संधीच मिळत नव्हती, तर हा एक माझ्या आयुष्यातला सगळ्यात म्हणजे सगळ्यात खूप अवघड काळ म्हणतं तरी चालेल.

प्रश्न क्र ९) सर, एक स्विमर म्हणून तुम्हाला तुमचा बराच वेळ सराव करण्यासाठी द्यावा लागत असेल. तर सरावा दरम्यान तुम्हाला आलेले काही अनुभवांबद्दल जाणून घ्यायला आम्हाला आवडेल.

उत्तर - अनुभव म्हणजे सराव हा शब्द किंवा कष्ट हा शब्द ऐकायला खूप सोपा आहे. पण जेव्हा आपण ते प्रत्यक्षात काम करत असतो, जर खेळाडू म्हणून कोणी ऐकत असेल तर त्याला नक्कीच समजेल की, सराव, प्रशिक्षण, कष्ट त्यानंतर सुसंगतता, आत्मविश्वास, एकाग्रता या गोष्टी काय आहेत. मी जेव्हा प्रशिक्षण घेत असायचो तेव्हा प्रत्येक वेळी मला वाटायचं की, आज माझा सराव झाला का? आज माझा सेट काय असेल? आज आपले प्रशिक्षक आपल्याला कोणता सेट सांगतील? कशापद्धतीने सराव करून घेतील? त्यात आपली वाट किती लागेल? त्याच्यामध्ये आपण किती कष्ट घेतले पाहिजे? अश्या गोष्टींचा विचार खेळाडूच्या डोक्यामध्ये चालू असतो आणि जेव्हा आपण जलतरण तलावात उतरतो आणि सर सेट सांगतात आणि खर तर सरावामध्ये कसं असतं तर २ तासाचा सराव असेल तर त्यातला पाऊण एक तास हलकी सुरुवात करण्यासाठी असतो आणि मुख्य सेट एक तासाचा असतो. सुरुवातीच्या हलक्या सरावाला एवढं काही नाही वाटतं तर काही वेळेला हलकी सुरुवात सुद्धा मुख्य सरावसारखी वाटते. कधी कधी सुरुवात होऊन जाते आणि जेव्हा मुख्य सराव चालू होतो तेव्हा तुमचं शरीर खूप थकलेलं असते आणि तश्या परिस्थितीमध्ये आपल्याला सराव पूर्ण करायचा असतो आणि तिथून खरा सराव चालू होतो तेव्हा आपली सुधारणा होते. सराव करत असताना मला बऱ्याच वेळा अस वाटलं की नाही माझ्याकडून सराव होणार नाही, मी खूप थकलो आहे आणि आता मी सोडून दिलं पाहिजे असं माझं एक मन म्हणायचं आणि दुसरे मन म्हणायचं की, 'ठीक आहे, थकलो तरी तुला आणखी करायचं आहे, त्याशिवाय तुझी सुधारणा होणार नाही, जर तू इथे थांबला तर इथेच थांबशील. पुढे तुझी सुधारणा होणार नाही आणि तू स्पर्धांमध्ये पदक जिंकू शकणार नाही' असे विचार माझ्या डोक्यात चालू असायचे.

अश्या पद्धतीने कोणताही राष्ट्रीय आंतरराष्ट्रीय पातळीवर खेळाडू विचार करत असतो. हे पोहण्याच्या बाबतीत झालं. तसेच व्यायामशाळेत असताना सुद्धा डोक्यात असेच विचार येत असतात की आपण आज काय व्यायाम केला पाहिजे? कसा केला पाहिजे? आपण आज जो व्यायाम केला तो चांगल्याप्रकारे केला का? आपलं १००% देऊन केला आहे का? आपण आणखी कुठे कमी पडतो आहे का? त्यानंतर आपण अजून काय त्यामध्ये करू शकतो? किती आणखी कष्ट करू शकतो? किती एकाग्रतेने करू शकतो? तर म्हणजे तुम्ही जो व्यायाम, सराव केला आहे त्यात आपण समाधानी आहोत का? हे आपण विचार केला पाहिजे हे आम्ही करतो तर तुम्ही जे विचारल की सरावादरम्यान तुमच्या मनामध्ये काय विचार चालू असतात? तुमचा अनुभव काय आहे तर असा हा माझा अनुभव आहे.

प्रश्न क्र. १०) सर, तुम्ही तुमच्या निश्चयी कर्तृत्वाने २०१८ साली एशियन पॅरा गेम्समध्ये सुवर्ण पदक पटकावून पंतप्रधान मोदीजींकडून दाद मिळवली तसेच अर्जुन पुरस्कार देखील मिळवला तर यावेळी तुम्हाला तसेच तुमच्या परिवाराला कसे वाटले याबद्दल ऐकायला आम्हाला नक्कीच आवडेल.

उत्तर:- हे बघा कोणताही खेळाडू असेल. तर त्या खेळाडूचा स्वप्न असतं की स्टेट, नॅशनल, इंटरनॅशनल खेळावे त्यानंतर मेडल जिंकाव, मेडल जिंकल्यानंतर आपला जो भारतातला, महाराष्ट्रातला जो सर्वोच्च पुरस्कार आहे तो मिळावा. ते खेळाडूच स्वप्न असतं, त्याच्या आई-वडिलांचे स्वप्न असतं. आणि जेव्हा तुम्हाला तो पुरस्कार मिळतो; ते ही पंतप्रधान आणि राष्ट्रपतींच्या हस्ते मिळतो. तर मला असा वाटतं की, आपल्या मुलाला एवढा चांगला होत आहे, मला एवढं चांगलं होत आहे.

इतके लोक ओळखत आहे, कौतुक करत आहेत. या सगळ्या गोष्टींमुळे त्यांचं मन भरून आलेलं असतं; त्यांची छाती भरून आलेली असते. त्यांचं मन गहिवरून आलेलं असतं. की आपला मुलगा एवढ्या चांगल्या पातळीवर गेला आहे; असं मला नाही वाटत पण त्यांना तस वाटत असतं. इतकं चांगला होत आहे. तर नक्कीच त्यांना वाटतं की आपण एक चांगल्या मुलाला जन्म दिला. दोघांही एकमेकांमुळे आज समाजामध्ये ओळखले जात आहेत. तर नक्कीच त्यांना त्या गोष्टीचा खूप अभिमान वाटतो, खूप आनंद होतो आणि बस या गोष्टीच माझ्या माहितीनुसार एखाद्या खेळाडूसाठी खूप महत्वाच्या आहेत. खेळाडूमुळे किंवा एखाद्या मुलामुळे जर त्याचे आई-वडील खुश होत असतील आणि त्यांच्या डोक्यामध्ये आनंदाश्रू येत असतील तर मला नाही वाटत यापेक्षा जास्त आनंद कोणत्या गोष्टी मध्ये आहे.

प्रश्न क्र. ११) सर, पुढिल आयुष्यात तुम्हाला कोणते ध्येय साकारायचे आहे, तुमच्या १२० पदकांना अजून कोणत्या पदकांची साथ द्यायची ठरवले आहे? आणि त्यासाठी तुम्ही कशी वाटचाल चालू केली आहे ?

उत्तर:- आता भरपूर म्हणजे स्टेट, नॅशनल, इंटरनॅशनल, ऑलिम्पिक, एशियन गेम, वर्ल्ड चॅम्पियनशिप ह्या सगळ्या स्पर्धा खेळलेली आहे, पुरस्कारही भेटलेला आहे. सो आता एकच राहिलेलं आहे मला आता ऑलिम्पिक मध्ये इंडिया साठी स्वतः साठी एक मेडल जिंकायचं आहे. तर हे माझ टार्गेट आहे. आणि ह्या साठी आणि आता कोविड मुळे थोडासा प्रोब्लेम आलेला आहे.

पुढच्या वर्षी ऑलिम्पिक व्हावं आय होप ते ऑलिम्पिक होईल तर नेक्स्ट इअर ऑलिम्पिक मध्ये मी इंडियासाठी मेडल मिळवण्याचा नक्की प्रयत्न करेल आणि आता माझी कोविडमुळे स्विमिंग तर बंदच आहे पण फिटनेस त्यानंतर जेवढे पॉसिबल आहे तेवढं ग्राउंड एक्सरसाईस आणि आता मी इकडे एकदम ग्रामीण भागात राहतो. आमच्या इथे उजनी धरण जवळ आहे. तर उजनी धरणामध्ये जेवढं स्विमिंग होईल तेवढं करत आहे आणि जेव्हा स्विमिंग पूल चालू होतील तेव्हा सकाळी दोन तास, संध्याकाळी दोन तास स्विमिंग चालू असते आमचं आणि दुपारी एक दीड तास जिम चालू असते. तर अशापद्धतीने प्रिपेरेशन चालू आहे आणि डाएटच्या बदल विचाराल तर डाएटिशियन नुट्रीशनिस्ट जे प्लॅन देतील, सप्लेमेंट जे देतील त्या पद्धतीने एकदम स्ट्रिकटली आम्ही फॉलो करतो. त्यानंतर ट्रेनिंग झाल्यावर रेस्ट घेणे, डाएट फॉलो करणे ह्या सगळ्या गोष्टी म्हणजे नुट्रीशनचाच एक भाग आहे आणि हे चालू आहे.

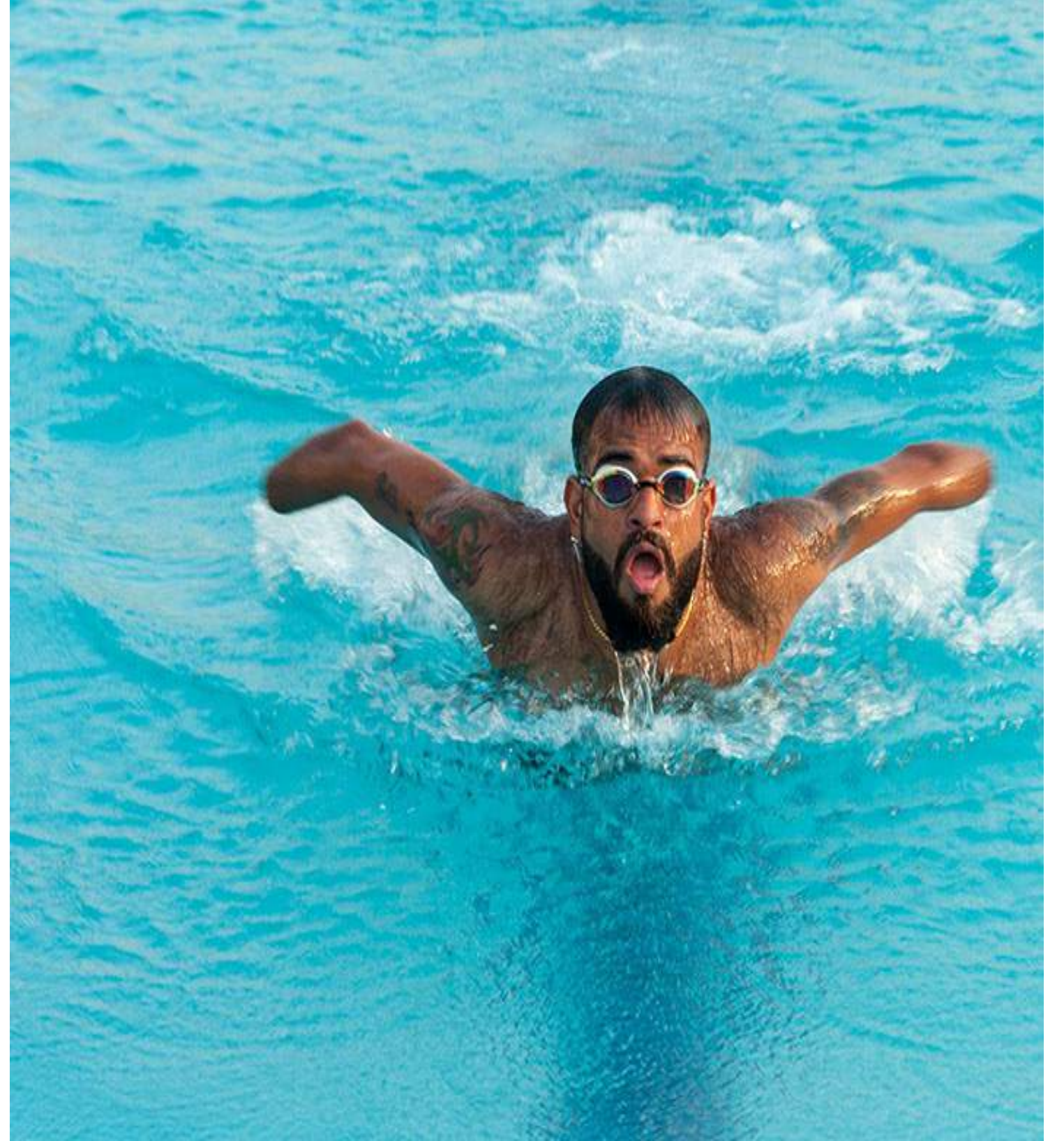
प्रश्न क्र. १२) सर दिव्यांग या शब्दाबद्दल तुमचे काय विचार आहेत? तुम्हाला मागे खेचण्यासाठी हा सतत तुम्हाला आडवा आला असेल तर तेव्हा त्याला तुम्ही कसे धुडकावून लावलेत?

उत्तर -- नाही, खरे तर डिफर्टली एबल किंवा दिव्यांग किंवा हॅन्डीकॅप हे शब्द मला कधीच आडवे आले नाहीत. मी दिव्यांग आहे बरोबर आहे. पण मला अस वैयक्तिकरित्या कधी वाटल नाही की, मला ही अडचण आहे, ती अडचण आहे. कारण नियमित दररोजच्या कामांमध्ये मला या गोष्टींमुळे कधीच अडचण झाली नाही. लोक म्हणतात की “याला हात नाहीत हा हे काम कसं करेल?” पण मला या गोष्टींचं काहीच वाटल नाही.

. लोकांच्या मनामध्ये काय वाटतं असेल की “याला हात नाहीत तर हा कपडे कसा घालत असेल? जेवण कसा करत असेल?” अगदी छोट्या छोट्या गोष्टीसुद्धा की “दात कसे घासत असेल? अंधोळ कशी करत असेल?” असे प्रश्न येत असतात म्हणून लोकांना वाटतं की हा दिव्यांग, डिफर्टली एबल किंवा अपंग आहे पण माझ्याबातीत मला वैयक्तिकरित्या विचारल तर मला या गोष्टींपासून कोणतीच अडचण नाही मी या सर्व गोष्टी अगदी व्यवस्थित पणे करू शकतो. हात नाहीत म्हणून काय झालं? सगळ्या गोष्टी मी करतो व्यवस्थित म्हणून या गोष्टींचा माझ्या डोक्यात कधी विचार च आला नाही. या गोष्टींमुळे मी कधी संतप्त किंवा चिंताग्रस्त झालो नाही. मला कधीच अशी अडचण आली नाही.

प्रश्न क्र. १३) सर, तुम्ही मेहनती आणि चिकाटीने, खचून न जाता आपल्या इच्छाशक्ती च्या जोरावर स्विमिंग क्षेत्रातील अनेक असंभव वाटणारी शिखरेसुद्धा गाठून सर्वासमोर आपला आदर्श निर्माण केलेला आहे. तर काही ‘आपण हे करू शकणार नाही’ अशी मानसिकता असणाऱ्या तरुणाईला तुम्ही काय संदेश द्याल ?

उत्तर:- खरं तर संदेश द्यायचं म्हटलं तर खूप काही विचार येतात. परंतु मला तुम्हाला काही महत्त्वाचे पॉइंट सांगायचे आहे. पहिला म्हणजे ज्या गोष्टी आपल्याकडे नाहीत त्या गोष्टींचा अजिबात विचार करू नका. आपल्याकडे ज्या गोष्टी आहेत त्यांचा विचार करा. निगेटिव्ह पॉइंट्स जीव धोक्यात टाकू शकतात. त्यामुळे निगेटिव्ह विचार मनात आणू नका, मेहनत करा, चिकाटी करा, योग्य विचार करा. असं जर केलं तर तुम्हाला हवं ते शंभर टक्के मिळेलच.



Petrichor

English Section

2

Petrichor English Section

A distinctive, earthy, pleasant scent blended with rainfall especially after a long warm dry spell often strongest in spring and summer, known as petrichor. Petrichor is the scent of rain on dry earth. The full, rich sounds of the word reflect the powerfully evocative scent — a reminder of the first rains of autumn and the lingering heat of summer — while the intertwined associations and precision of meaning make it a potent and expressive metaphor.

The little things in life often are what make us the happiest. A hug from a loved one. The taste of homemade chocolate chip cookies. Wearing warm socks right after they come out of the dryer. And, of course, the amazing smell of rain after a long-awaited downpour.

This year's theme aims to celebrate the pause, the halt in our quick running lives, to cherish the time we spent with the people we love. But, most importantly, to embrace the period of assessing ourselves our goals and our growth.

Just like the earthy smell, this year's theme aims to leave an impression of admiration.



Meet the
Team

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Vithika Siddhabharti



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Editorial

*“Better than a thousand hollow words, is one word that brings peace.”
-Buddha*

The language which we speak is a reflection of our character and personality. Bringing in front of you is a community filled with thoughts, ideas, experiences and imagination to create a world of beauty in words. The enthusiastic budding writers have exhibited the interest among readers with their innovative concepts and distinct outlook towards the conditions. I'm sure that students' attitude, hard work and sustained efforts will make this English section an epitome of the magazine.

Henry Ford has rightly said, “Coming together is a beginning. Keeping together is progress. Working together is success”. The herculean task of editing would not have been possible without the sincere support of the members, Vidya Lad, Anirudh raina, Siman Koul, Falguni Charde, Sakshi Londhe, Shruti Pawar and Jay Wamne. I take the opportunity to thank all the contributors for their contribution and making this English section an inspiration to the readers.



TEACHER - INCHARGE
Vithika Siddhabharti

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The Classroom of 2020

2020- the year that will go down in our memories as the year of complete Chaos and disturbance. However, this year can also be treated as one of the most important years in our life. A global pandemic that occurred after 100 years, we were a witness to that. We are forced to work and sustain in very unfavorable conditions and sure enough, mental health is going to take a toll. After all, we are used to our comfort zone most of the time, but now that we are forced to be locked in it, it makes us want to leave it and the comfort zones so precious to us start to feel like prisons.

I think there are quite a few things that then got affected due to the covid-19. However, the education system took a huge turnover during this pandemic. Schools, colleges, and universities had to be shut down. Students had to rush home and stay there. At first, this sight was like a dream come true, which we all use to have as a little kid, "If only the gates of school locked and we know more had to attend the school and it will be holidays for a long time." Well, it seems often what we wish for or is not quite pleasing all the time when we get it. The system was reluctant to set a pause on education, which when given attention to seems fair, even his education stops the population growth won't.

So now for a class, you would have to deal with twice as many students then the before if you would have stopped it for a year. The solution was to shift the system to virtual mode and conduct classes and exams online, which doesn't seem to be a bad choice. And so the classes began on various platforms such as Google meet zoom, etc.



Instead of carrying your backpack to classes, the classes were in your backpacks and pockets in the form of laptops and mobiles. The written teaching methodology turned into shared PPT and boards. "Please stop talking children" now turned into "Please Unmute yourself and talk". "Can't talk WhatsApp only" turned real. The extent of this change was truly phenomenal and unbelievable.

However, every coin has two sides. Likewise, the change also has its pros, as well as cons, let's go over everything and you can decide for yourself if it was a pro or con. First, you have to sit in one place for the entire day. Schools and colleges have places to hang out with friends even if it is just inside the classroom and on adjacent benches.

We all have visited our previous schools and pointed at a particular desk and had thought "This was where I used to be" even though just a bench, it holds thousands of precious Memories and Moments. That is what is missing in this virtual mode, the ability to make a place memorable and feel like home. You meet so many people and make so many new friends in college and school, but now I don't even know the person who has the roll number next to me, previously we used to know the roll numbers of all of our friends. I am not saying you can't make friends virtually but how would I know from emojis if my joke was really that funny, after all, I have reacted a laughing emoji with a blank expression on my face so many times or if your best friend is acting stupid how are you can slap them. The fun part of attending college seems to be lost...

"Colleges are basically to have fun and to prove that you can do your chores" - Elon Musk.

Now that we are home the point of college is missing according to the present second-richest person, Elon Musk. It's not that I am against virtual mode, trust me I like it this way more because scoring marks and giving papers is much easier and convenient this way. However, I won't be having a very clear memory of my so-called "College days" these memories are supposed to have stories. Stories about your ex's, stories about the time you passed out drunk, your first's.... Not that I say "Go crazy go stupid" but it seems these are the last years that allow us to make stupid



decisions and make mistakes that turn into "good old days" moments. I just want this pandemic to end and get back to the college. Sure it will be tough on getting the best grades, but I don't want to miss the last fun years of my life. This entire year, I won't say feels wasted, but feels like we could have done so much more.



Vedant Dawange
S.Y. - Comp. Dept.

Write up

In this world, everything and everyone is composed of layers. One there is the surface and, other layers are revealed once you get to know them. Nothing about human nature is absolute but more like grey lying between the border of two absolute black and white, some being more dominant in one and hence less in the other.

Things and people, everything and everyone can surprise you. They might appear simpler on the surface but will live you speechless and spell-bound.

Inaway, it's like "Pandora's box", once you get to know someone, when they open up to you then you will be surprised by what opinion you used to hold of them and how they turned out.

In the times before social media and the communication technology revolution, people used to bet their emotion on others only when once they get to the real them unlikely the digital personality of people that we have today. In the fast-moving world of today, technology has made the world smaller by bringing us closer today globally.

But we need to remember that it's our digital personality, not us and it can be created as desired, unlike real people. There is too much uncertainty today in betting one's emotion on someone and need to be done so through emotional intelligence.



Today the whole world of information is in the palm of our hands but still, we have never been more lost before. We have reached quite far but have lost our way and we still have a long road ahead.

In this world of moving fast, we have much less time to evaluate the ones we place trust in. As we are scared to be left behind and fear is a great motivator. This puts us in a very dangerous position and needs us to become intelligent about how we manage our emotional affiliations with ones we care about, as their emotional health will directly affect ours. This world is beautiful as well as a scary place. One should be aware of the ones they let in. So that someday we can look back at the life we had and smile as we only suffer our memory and imagination. As quoted by Bolo Marley, "The trust is everyone is going to hurt you, you just gotta find the ones worth suffering for".



Gautam Jha
T.Y. - IT. Dept.

P R O M P T

HOPE IS THE ONLY
THING
STRONGER
THAN FEAR

I was standing down your balcony

Hi! My name is Freda pinto, I belong to the most beautiful green valley of Shimla, Himachal Pradesh. My story begins with the Christmas party 2012, at the Pinto House. It was a very beautiful night and the green valley was full of snow and people began to visit my place for the party. I was standing next to the big Christmas Tree greeting my guests, suddenly I saw someone that I wasn't able to take my eyes off, he was none other than my childhood friend, 'Shoey Fernandis'. The moment I saw him, it reminded me of all the childhood memories we spent together. As he was my senior with a

difference of 3 years, he guided me in everything I needed. . I really liked him as a companion since my childhood but could not spell a single word about this to him and this Christmas night we met as grown up, me who was 13 and he was 17 by age.

Suddenly, he also gazed at me, exchanging a pleasant smile. Later on, we met in a corner of my place where we exchanged our academic ideas and future plans and he left that corner on a call from his father. I was very excited to know more of him as an adult. I was confused as to where I should start. . I thought it would be great to start with a conversation on the phone call just like a casual thing. As soon the party was over, he came to me to say goodbye and of course I did the same with little hesitation but my main concern was his phone number.

As he turned back, I gathered a little courage to take his name "Hey Shoey! Can I get your number?" Fortunately, he gave and yes, I was on the seventh sky after that.

Few days past, the Christmas vibes faded, everything went back to normal and one day as I was on my way back from my school, I remembered him and I decided to text him. "Hey Shoey! it's me Freda" with a smile on my face and I was desperately waiting for his reply. "Hey there! How are you doing Freda?", he replied. And the conversation took place in an amazing way.

I never thought that we would come this far. We started chatting and interacting through phone calls but suddenly one day nature stole my precious peace which used to reside in Shoey. His cell phone was switched off. I tried reaching him many times but every time I faced disappointment. It made me scared. I thought he must be busy with some important work that's why he hasn't got any chance to inform me about him.

As the day's past, I was shattered due to this incident and tried to search his address by any means. I just wanted to know if he is okay or not. Few days later I succeeded in getting his address ,24- Andrew Apartments, 4th floor.

I took my bicycle and rushed with happiness towards his place to see him and what did I see there! He was standing in his balcony, talking to someone happily, smiling without a hint on his face that he ever knew me, without the worry that what would happen to me in his absence. He seemed very rude to me that time. All I could see is that he was happy without me without even knowing that **I was standing down his balcony!**



Mrunal Kukade
T.Y. - E & TC Dept.



The Flicker Of Hope

“Everything that’s done in this world is done by hope.”

-Martin Luther King

They say a person can lose anything in life but hope. The constant feeling of things getting better and everything will be fine is the sole reason behind the existence of humankind.

Remember how 2020 was not a great year for all of us? didn't we assume the worst thing to happen is the end of the world? But we made it through! The reason being HOPE. Hope for surviving to carve your future, the hope to live for those who love you, and who you love, the hope to not leave the world without achieving that one dream that you've been dreaming since you were 12, hope to create a better place for all the lives.

Last year was a break for all of us, which made us realise the sheer importance of just being alive. The fact that if you're alive and full of hope and optimism, you're an unbreakable strength, and no amount of force can break you down unless you, yourself give up.

Being stuck inside your homes, unable to go out or see your friends and family, coping up with depression was near to impossible for many of us. But, we somehow managed to face it all with a smile by developing new hobbies and interests, inculcating good habits and values in a hope that one day, all this will be of some use. And trust me, it will be.



The fact that everything is slowly getting back to normalcy, many people infected are somehow recovering, their stories of fighting back to life to give us nothing but hope. The hope for a better tomorrow and the gush to keep moving.

No matter how many stars you reach, there will always be that one point in time when your growth will be stagnant, no matter how hard you try you won't be able to change a thing. That's when you hope that the few stars you've got along don't get lost in the search for brighter skies. Because when darkness hits, it's the stars who shine.

This year's theme Pandora's Box: A flicker of hope has driven me each day, to keep working hard and most importantly not to lose hope. Because, no matter what the situation is, no matter how hard the times get, there's always be that one voice which will stop you from losing hope.

And that flicker of hope my friend is right within you.



Falguni Charade
S.Y. - Mechanical. Dept.

Still Underrated?

“Why should we hire you?”

“Tell me something more about yourself.”

“Why we w...”

Answering these questions is not a piece of cake after slogging yourself for four continuous years, attending hundreds of lectures and labs, clearing 40 subjects with or without backlogs, submitting thousands of assignments and what not. Yes, you guessed this right, it's something which we call 'Engineering'. Also, in other words you can say, 'a degree where a few people don't even know why they're pursuing it'.

You must have heard that only around 20% of the passed-out engineers are able to make it into their core domain. The rest either deviate to the core other than the discipline they studied in those 4 years or they are just 'unemployable'. But ever wondered why?

People spend decades in working in IT sectors but they aren't able to figure out what they're doing in their life. In most of the cases it's like you're going the way you're being pushed towards. They do have dreams, yes, they do have. But they're afraid to move ahead with it because of the terrible experience of these four years. And why a terrible experience? Of course, not for everyone, but for all who came there following the crowd. All the minds can't be compared or competed, right? And the fact doesn't say this anywhere that



those 20% who made it into their cores are brilliant or better than the rest 80%. Everyone is a master at its own turf. Maybe that profession is not suitable for those 80% but something much bigger could have been in their hands if they had known this fact earlier.

There are many factors which can make those 80% unemployable. One of them is the mistakes which they make just after their 12th standard, 'following the crowd' or 'going with the flow'. There maybe be other reasons like parental pressure, which should not be there, but we never know. So, they get admissions and start the journey of four years from here. Now other factor comes into the play which also makes them so unemployable, is that the education system of Indian Engineering Colleges? Well, let's not talk about that.

But, did you ever wonder why is this profession so underrated despite of an enormous number of students joining every year ?

Usually, nobody surprises when you say that you're an engineer. Instead, they would walk away peeking through the notifications in their phone but they'd never wonder who made those notification reach their mobile phones. Now surprised? Of course, everyone would be. Today, whatever lifestyle people are living must be glad having such products engineered by definitely some engineer around the globe. And it's astonishing sometimes that how can people just make this sound underrated being an engineer. Yes, those cubicles are too infamous and too underrated. But we forget that maybe all cubicles look the same but the ones sitting inside have different stories.



And kudos to all the engineers there working endlessly hard to make our lifestyle better, these people really deserve a lot. And to all the people, today you're able dispense your cash in a few seconds by pressing some buttons, you ask Alexa to stream your favourite show because there are thousands of lines of scripts and codes behind it which is written by the people in their daily 9-5 routine sitting in their cubicles which you don't even know the value of. Every true engineer feels his/her worth when the codes written by them adds value to someone's life. And if you are still confused who is an engineer then there are few lines which will make it easy for you...

Well, look around.

Our monuments are everywhere.

We make and speculate. Design, create and build.

Then bridge the continents or search the stars.

Bring information into every hand.

Shape air and fire, sea and land.

Imagining how lives might be improved.

To generate the new, the future now.

Ingenious. From backgrounds of all kinds.

Inventing at all ages, from all time.

With individual spirits and joined minds.

To tackle any challenge, far or near.

Is what it means to be an Engineer



Ayush Choudhary
T.Y. - Comp. Dept.

Hamlet: The odd-sort tragedy

Hamlet, a play written by William Shakespeare in the year 1519-1601.

Unlike the other plays such as King Lear showing abrupt cruelty, Romeo and Juliet presenting all-consuming romance Hamlet, on the other hand, is a play with an odd-sort of tragedy and drama.

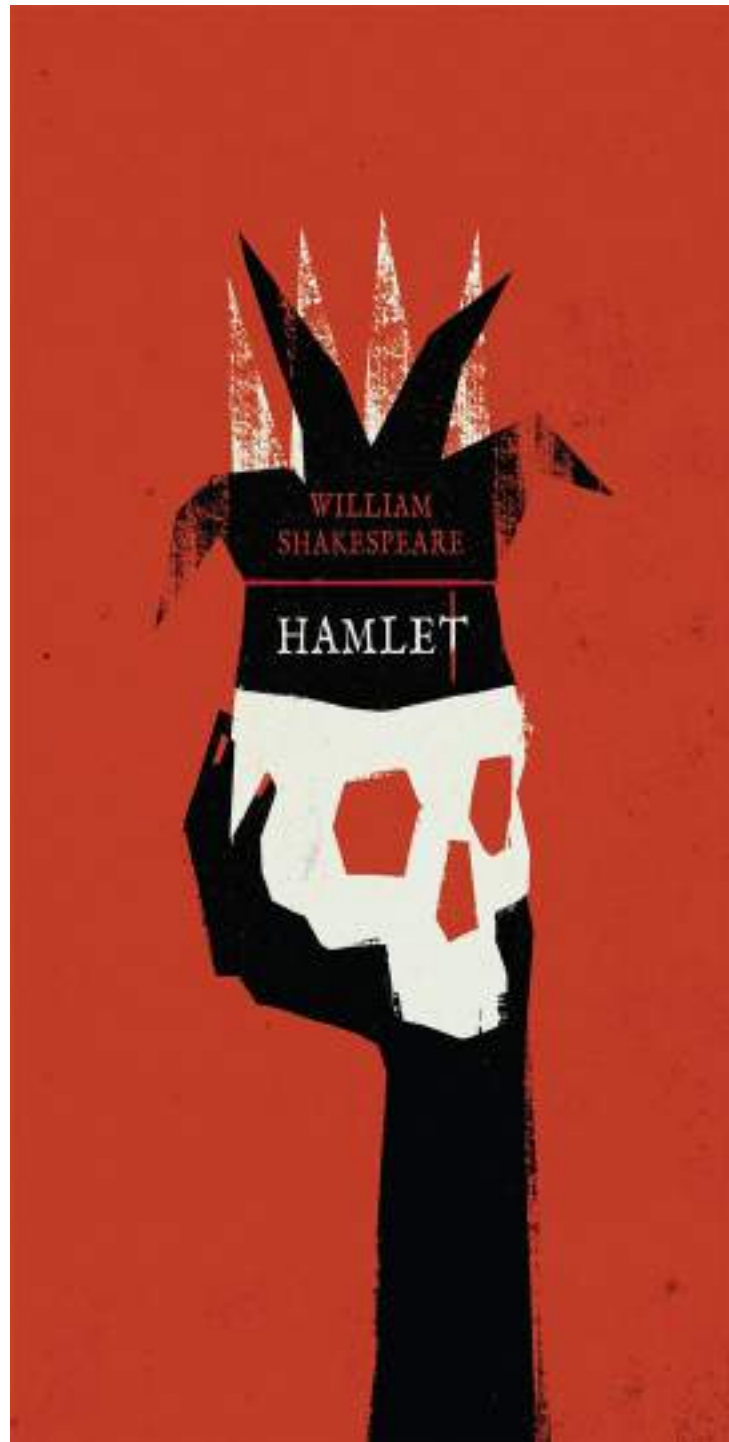
It fathoms the depths of its protagonist's indecisiveness and their fateful ends.

Hamlet the prince, of Denmark, arrives home after school. Lurking from the shadow appears a ghost of his dead father. Who claims to be the victim of the "murder most foul", the phantom states that his uncle Claudius seized the throne and stole the queen Gertrude's heart by assassinating his father. The mourning changed into an act of barbarity.

Where Hamlet now plots an act of revenge for the new ruler and his court of traitors.

Hamlet is in a dilemma on what to do, who to trust, and how to work towards justice. Those questions involved by an entanglement of characters forcing Hamlet to negotiate his links, who own unsaid motives to carry out the revenge.

Reading the battle between the thoughts and doubts, of Hamlet, can make it a little exasperating. But, then also makes him one of the most human characters Shakespeare has ever created.



Hamlet gets consumed with thinking, into the echo of thoughts.

Shakespeare uses its most introspective language while writing about the king's blazing thoughts of heaven and hell, to the prince when he is dealing with the cacking reconciliation on mortality.

Not, only the dialogues but, also the melancholic talks and astounding impressions feed the play well.

The fact is best exemplified by, Hamlet's most famous declaration of anguish where he says:

*"To be, or not to be, that is the question;
Whether 'tis nobler in the mind to suffer
The slings and arrows of outrageous fortune,
Or to take arms against a sea of troubles
And by opposing end them. To die—to sleep,"*

This dialogue interprets his existential difficulty between thought and acts where he is lost and unable to choose among life or death.

The characters madness puts us to a question whether is it a part of his act to confuse his foes or we are watching a character on the edge of craziness. As the play proceeds, Hamlet's interaction with other characters weigh out such questions on his sanity.

Most of the play displays how Hamlet spends much of his time dealing with his thoughts and creating the act of revenge. The monologues make the character alone, that, often he fails to see the damage left in his watch.

Ophelia, Hamlet's unfortunate love interest, led to instability due to his eccentric behaviour.

Plotting the conspiracy showed its ripple effects of Hamlet's mortal mind games in Ophelia's fate.

There are many such incidents where warning signs of a tragedy are neglected, sometimes due to willful blindness. At a point, tragedy dawns through human errors, as when a misled identity leads to an unplanned murder. Hamlet's humanity is something which remains faithful through the end of the play. But, we still tussle about the truth that who is the real Hamlet the Nobel one who is avenging his father's death or a mad prince creating co'urtly chaos, should he act, observe, doubt or trust?



Vidya Lad
T.Y. - I.T. Dept.

PUBG- The Cryptomensia



“Bhai, Pochinki aa jaa.” said a WhatsApp notification. Studies, music, crush, girlfriend, memes, everything was kept aside and the room was full of shouts of “woh dekh banda, dikha kya? Maar.” ‘Stay alert, Get in the car, Gather around, Enemies ahead’ all one after the other. Bullets being shot, grenades being burst, enemies being killed and it created a vibe. A vibe that has reached the heart of every gamer of in fact every age group.

PUBG. Perhaps the finest creation of the year, being responded to extraordinarily by all across the globe. The best example to prove how love can turn into an addiction. No wonder

this game has won everyone’s mind and heart and why shouldn’t it? Have you ever looked upon it as the best pictorial representation of some of the best life lessons? See how it goes.

You log in to the game of life, you take birth. You have the complete freedom of selecting your squad with the utmost care. ‘Erangel’, ‘Miramar’, ‘Sanhok’ is again a choice to select. Staying alone is also a choice offered or having only one soulmate is also fine. You invite some people in your life while you become a part of that of somebody. The initial 45 seconds, is all plain and easy.

It all then starts when you step into the world, the plane. Isn’t it funny that you travel some of the distance along with your enemies in the same plane? Then you march towards your destination. For some, it is the Military Base while others land in Georgepool. Some dare to step in Pochinki and School knowing that they are going to be the toughest chapters of their life while some step on the last location!

You start exploring, both places and people. Sometimes you get the best loot in the first place you visit while there are times when you don’t get anything even after searching a lot. Sometimes there are showers of 8x and 6x and sometimes you rely solely on the Holographic sight!

Finally, the time comes when you need to face your enemy. Yeah, the same person in the plane, whom you’ve had time and memories with, deserves to be killed. His skills may kill you too.

Very honestly, the efforts are worth it for you to get a Chicken Dinner at the end! Squad. Too much to learn from the squad. They stand by you, knowing all your strengths and imperfections. They ‘revive’ you at any call of emergency or threat. Some of them play for seeking individual benefits. That is why they say, select your friends with care. Life is a ‘mission’. New challenges to be faced ‘daily’ to increase your ‘RP’ and survive in the competition.

So, at least for now, take your life as a game and a challenge at the same time. Never knew a game can convey so much.

Keep playing! Keep enjoying it! Keep growing! Was about to conclude this and again the same WhatsApp notification. “Bhai, Pochinki aa jaa.”



Chinmay Choudhari
Alumini



From false dawn to true dusk!

It's usually stated that the spark of each new day brings new challenges, hope, opportunity, and a chance! The depth of this fact has its proofs well established in history as well as the current situation that we all are going through. Life has established and evolved only by these changes and the steps that humans take to tackle each situation but, these gifts of morning rays are not randomly organized. As, they come with a specific order. They make a pathway for us to lead us a step closer to our goal. People usually give the tag of, "destiny", to everything, maybe a few things are just written to happen, but the fact being that they are the outcome of continuous efforts, determinism, and self-motivation.

Each ray comes with a new challenge in the form of a new opportunity and our determination and dedication sows hope in us so that we will remain motivated towards our goal! How beautifully everything is carved!

With all this, we move forward in the hunt for reliability, stability, and peace. Everything we do is to make our lives easy and comfortable but the reality is that in search of peace and rest,



what we end up doing is hard work and the main thing is that, this hard work is the only reason for our development. With all this in the loop, one forgets the law - "each action has an equal and opposite reaction", but how does this term fit in the context? Well, yes, it is related and it depends upon your deeds.

Man is the most powerful creature in this world who has revolutionized each and every sector of life! Being a dominant one, he is rising and progressing in various technological sectors and the achievements are outstanding but the other side of coins shows a different story within a wide range of the spectrum. It is easy to see the obvious changes that happen in mass and for the society or the whole world but the slight changes happening slowly inside a human come under the frame of evolution and modernization. It is good to step towards development and progress but while following this path a person usually forgets his/her happiness, all the things that give him pleasure like his hobbies, interest, and dreams! This is a sad reality.

We become so busy in our daily routine that we don't give attention to our health, relations, and many more things. The mind is set to work only, though it is a good habit to work with concentration there is also the need to maintain balance in your life. Humans can't even imagine sitting idle a whole day. I won't say that being idle is good but here the highlighted point is that all we need is work to keep ourselves busy. Keeping ourselves busy does a lot, like it diverts our mind, keeps us working, increases our pace but it has its other side also. Indulged in our work, we often forget that we have to give time to our family, friends and most importantly, to ourselves!

As Darwin said, "Only the fittest survives", the pandemic that we are facing right now is an accurate example of this. Do you all remember how the lives were frustrated within just a week of the pandemic? Everyone was irritated after lockdown, without attending school, office, meetups, seminars, and without any kind of work that we were used to, people became irrational in one or the other way as that boredom was unbearable. The lockdown wasn't our cup of tea! We were used to living freely, work at our respective workplaces, do our studies at our respective institute, go to cinema or shopping during weekends, go for outing, and travel but all this was shattered randomly and this wasn't acceptable to many.

During that period people were really dying from inside as we weren't used to such an environment but we had to adapt. The dawn of that beautiful and happening life kept us blind from the fact

that we should be flexible, we should keep our lives balanced and we should be prepared for such changes in our lifestyle. But that time had gone and now dusk has to cover the sky!

This lockdown made us taste different flavours, awakening our neurons, it led us towards a different pathway, towards - a road not taken! It was quite hard to follow this path but with each step, we had gained some experience. It demanded the skills and our concentration towards understanding life and time. It made us capable of wisely utilizing time for various things ranging from professional work to leisure activities, corporate relations to family members, social development to self-engrossment and much more. This was a critical phase. The main thing is that we realized the numerous opportunities that we have.

We tried to follow our interest, we tried various fields and got to know our skills and abilities. This time made us connect with our family and friends, hence strengthened our relations. Though these things weren't the same for all but in a mass quantity, it made us learn various aspects of life. We were given the time to think about various things like the future, our goal, development and much more.

This ranged from making Dalgona coffee to composing poems, from dancing to 100 days of coding challenge and much more. Many of us opted for new technical skill learning or any other thing but the base was the same.

We tried to figure that we really wanted to learn and we followed that. It is easy to walk on the path that we have been provided but it's really difficult to search for the path that we are actually interested in and have the relevant skills. This is the golden opportunity that we have got.

Not only for pursuing our hobbies but it has provided a new path so that we can maintain balance in our lifestyle. One can see the various technical development mostly in Computer and IT sector. This is really a great thing. We know that we need to maintain a balanced lifestyle but we usually forget to do so, mainly due to our laziness, but this time when we had nothing to do initially, we came with a refreshed mindset and high goals.

Apart from this subdomain, there are various other things, and one of them is realizing social needs. During this pandemic, we came close to our societies and to the whole world. We learnt the true meaning of Unity! This critical time made us see how are we linked with an unbreakable bond

of faith. All the countries that are usually in the race of coming at top, are trying to beat this devastation together. All the national, multi-national or any small-scale organizations, are trying their best to keep people involved in one or the other activities so that they won't get depressed due to work loss. They are helping the future pillars in numerous ways so that they can continue to learn and develop.

This is really appreciable that how everyone is trying to help others. This is the feeling of togetherness!

With all these things, there are many fields where a new awakening was required. In this pandemic, the sad reality is that many relationships broke, friends became strangers and what not! This time showed us the true nature of people, how they actually are. This made us realize that we should not be dependent on anyone for anything. These things are quite harsh but reality can't be dominated. This is quite a big loss but the positive point is that people got to learn from fresh, they

realized the importance of having true friends and the difference between saying and being a friend. This all is really very overwhelming! On one hand, where various friendships were breaking, there was a new rise, strangers were becoming a friend. People got connected in many ways. Those friends who haven't heard each other from the past few years started talking again, many people tried to improve their personality and behavior which led them towards building themselves. Hence this time also accounted for personality development.

Though moving ahead with so many changes isn't that much easy but the requirement of time can't be shifted. This requires firm dedication and ability to adapt to a new environment. Though these things can't be built suddenly they require lots of efforts and stability. This time has brought us close towards this. We are learning to grow, we are trying to develop our personality, we are understanding the difference between being busy and actual development. This is the thing that is required. It is good to be busy but how much of that time account for your actual development, that is important. If the work that you are doing doesn't lead the society or you towards development then that work can't be counted for progress.

This pandemic is proof that all those minds, that had their goals fixed and their lifestyle balanced are still working with the same pace and enthusiasm. This is the real motivation and the case from which everyone should learn and try to consider and evaluate all the options that they have to make a proper pathway for themselves.

Or else they would end up in doing nothing.

Overall, what we really require is to think about what we all are doing and where it will lead us, evaluation is a must! So, time requires that humans should evaluate and consider the outcome of any step instead of irrationally picking up any path. As it rightly stated - "Where there is a will, there is a way!"



Simran Koul
T.Y. - Comp. Dept.



Letter to My Future Self

Hey bud,

Remember me? I am you, the one whose actions make you feel awkward and think how stupid were you. You look like you have been through hell. What happened? I know something is going on inside your head and you can't find anybody to talk to. I am here, speak up, its me! your old self. I know people are saying you are strong, you can handle this but I know you need someone to talk to, to cry in someone's arms, to feel that worry, to admit that you are scared.

I don't know what happened that you opened this letter, but I know one thing you are not the person who gives up so easily. It's been rough, heart-breaking. You are feeling that you lost everything, but you have yourself champ, YOU ARE EVERYTHING! Go back and look at yourself as a kid, what a rebel you were, did things on your terms, didn't think what the society will say, like chopping off your hair, get into fights with boys even though you knew that you can't win but that thought didn't stop you to stand up for yourself. You're that kid, and nobody can take that from you. You are more matured as compared to the past. As, I am writing this to you, still keeping that child alive inside, in this fast-moving world is hard but, not impossible. I kept it till now, so how can you let that kid go.



I know you think it's a dead end and there is no light after this. But, trust me and take a step forward and see it will make a difference. I know you must be in your PJs for weeks now and kept yourself isolated. Now, it's time to get-up, rearrange your room, closet, or the whole house, you will feel better. Stand up and get ready to take a fall, don't waste your life being typical, even when it's difficult. Fight for yourself and what you believe.

I don't know about others or what you think of yourself now. But I believe in you and I am proud of you. People are still figuring out their lives, you are not alone. Remember what you wanted to be in your life, in case you forgot. You wanted to be your friend's happiness, your father's wisdom, your family's pride, your grandmother's warmth, and YOU WANTED TO BE YOU. Just keep these lines by Rav in your mind, "One step forward, two steps back, Don't be sad, It's just the way we dance."

Now, getup your lazy ass and start hustling.
I PURPLE YOU (<3)



Kajal Singh
T.Y. - E&TC. Dept.

Buy One Get One Free

It was one night before the board examination, the threshold in every person's life. Ved, with all the angst and worries in his mind, went back to his parents to demand one last time for a cell phone. To describe Ved, he was someone who would be sitting in the class and just completely ignoring everything present around him until the teacher asks him a question. Briskly, he snapbacks into the room with his eyes filled with tears, pangs and toils wherein he would stare at the teacher until they leave you alone. Everything around him was unceremonious and of cluttered conscience for him. His mind was enveloped with emptiness. Well coming back to the cell phone, he managed to ask his parents one last time for it but, his mom did not give two hoots to it and daddy denied straight away. Every parent wants their child to be inordinate, uncommon and studious. Ved had his "SIGNIFICANT EXAM" and hereafter having unnecessary demands. Neither his parents nor his friends could guess his mind, was this of a helter-skelter. It was no less than a love-hate relationship.

Exam Day!

Ved gave his examination and came home aimlessly. The birthday was around the corner. Was he excited? Hell, not. He wanted a phone mandatorily. Parents, on their way home, were joyous and happy as they were giving him a brand-new phone along with a free headset on his birthday occasion.



Seeing Ved not opening the door, the first thought that struck in their mind was, he must have been upset about them not buying him a mobile phone, so they even tried to bribe him and after opening the door with a spare key. Their heart got numb by seeing their child hanging in front of them, and the body started to shiver by the thought that he is not alive to see his favourite thing hanging in their hand. Gutted and disturbed, his dad got a note "I WAS DEAD INSIDE, MY BODY JUST FOLLOWED IT." Was it this easy? Is this a situation of nihilism or narcissism? Was the self-worth shaken? Was it a knee jerk reaction? Could the end be delayed? I wish life would also come with a tag of "BUY ONE GET ONE FREE". Sometimes we overthink, sometimes we extend our abilities and dependencies. Under the spiral of over assessing, undermining strength lies a heart unspoken to which needs nothing but love, care and hope.



Shruti Pawar
S.Y. - E&TC. Dept.

Under the Bed

“Whether you know or you don’t know about the things that go bump in the nights. Yes, these things exist, and you should be aware what is around you or ‘UNDER YOUR BED.’” Sam came home after a long tiring day of college and to his surprise, his mother had bought a new bed for him which was kept in his room. Sam was very happy as he wanted a new bed for a long time. Sam directly went into his room to check his new bed. The bed was little old, he tested all his moves on the bed and then gave it a certification of strength but then he found a weird symbol on the side of his bed and which he scratched off as he found it creepy. After dinner Sam went straight to his bed and went to sleep, and then next day he woke up and went to college and during the maths lecture their teacher Mrs. Asha took a surprise test on Differential Equation and during the test Sam started peeking in his fellow mates copy and he was caught by his teacher and but weirdly she was speaking in his mother’s voice who said, “Wake up Sam, its 7 in the morning you have to get ready for college”. Sam woke up and he realized that he was having a dream.

“That’s weird it seemed like more of a reality than a dream.” Sam thought to himself, then he went to the dining table with a book of differential equation with him and to which his mother gave him a taunt “Sam are you fine???, just wait I will bring a thermometer and check your temperature.”

Sam replied, “Nice one mom, but please don’t start your taunts again.” Sam went to college and to his surprise in the second period Mrs. Asha came to the class and said in her south Indian accent “Class today we are going to have a surprise test on Differential Equation.” And as Sam was surprised and considered himself lucky and gave the test. In the lunch time he met his friend Alex and then told her everything about his dream and the co-incidence. To which Alex replied, “You bastard couldn’t you tell me before about the dream, even I could have scored some good marks and improved my internal marks.” Sam went back home after college and after dinner went straight to sleep and in the midnight, he heard three knocks from under his bed.” Sam opened his eyes after hearing the knocks under his bed and went to look under the bed and to his shock he saw himself lying under his bed directly looking at him with a broad evil smile and still knocking on the bed.

Sam suddenly woke up from his dream and its was middle of the night and he stood from his bed went downstairs in the kitchen to drink water and then went back to his room and when he entered his room he was shocked to see himself lying on the bed and sleeping peacefully, and after watching all this he jumped screaming from his bed and realized he had another dream, just to make sure he pinched himself that whether he was in actual reality. Few days passed and Sam was having weird dreams like premonition, astral projections, etc.(if you don’t know the meaning of the two terms refer Google them)

Now due to lack of sleep and these weird dreams Sam became worried about himself and decided to talk to Alex and told her everything that was going on. Alex after listening to everything she said “I think as everything has started after you bought the bed, we should first dig into the history of the bed.” Sam went home and asked his mother from where she had bought the bed. His mother said, “I purchased the bed from the pawn shop near the flower shop at the main road, what happened everything alright with the bed?” “Everything all right mom, nothing to worry?” replied Sam. . In the afternoon Sam called Alex and went to the pawn shop along with her and they called out for the owner of the shop. A old man with wrinkled face and simple smile came out and with a sweet voice

“What brings you here kids, want to buy or sell something?”, “Sir, Actually we are here because I wanted to talk to you about a bed that my mother bought from you last week is there any history related to it?” replied Sam. “Wait Let me check my register and I will let you know, yes the bed belonged to a man named Richard before he sold this bed to me, that’s all I know if you want to know more I will give you his address you can go there and check”. Sam and Alex took the address and they both went to the address. When they reached the address, they were outside a shabby small house. Sam knocked on the door of the house and a middle-aged man came out and asked to both of them” Who are you guys and what do you want?”



“Sir actually my mother had bought a bed from a pawn shop and the owner of the shop told us that the bed was owned by you. Actually, I am having various weird dreams since I am using the bed could you please help me?”

“You stupid lad you broke the Sigel” replied Richard angrily “Sigel??What Sigel I did not break anything” replied Sam “There was a symbol on the side of the bed like two circles inscribed in a triangle you fool it was built to hold them.” said Richard. “Hold who, Sir could you please calm down and tell us what’s going on” said Alex.

“The bed was actually a part of our church where exorcisms performed and when the church committee decided to close the church, they had to perform a last exorcism on their list, and while performing the exorcism something happened and the demon got released killed everyone in the room, when we entered the room there was no sign of the demon, we all thought that demon had escaped, and we closed the church. But after a week we got a call from a house where a child was possessed by the same demon who had killed our members so, I went to that house to exorcise that bastard but when I went there the child had been possessed and had killed the whole family and himself.” “So, what has that got to do with the bed” asked Sam impatiently. “Don’t you have patience kiddo, after the bodies were taken, I went to cleanse the house and there I saw this bed and I remembered that this was the bed from our church, and it was used to for all the exorcisms and especially for the last failed one.

Then I suddenly felt a dark energy and the source was the damn bed, I took the bed back to the church and all the members that were left came there and we locked the demon in that bed with the Sigel that you broke and hence the bed became an occult object carrying a demon which thanks to you is now released” replied Richard.

“It is not my mistake that you didn’t destroy the bed in fact you sold the bed to a pawn shop where anyone could buy it, that’s real smart of you” replied Sam Angrily. “An occult object cannot be destroyed it can only be held contained” added Alex.

And I didn’t sell, my wife sold that when I was on a tour and when I returned home and went to the shop the bed was sold” replied Richard.

“Enough of the talks we need to go to your house before the demon get possesses someone from your family” said the man. And all the three went to Sam’s house and as they entered Sam’s mother called out “Sam, quickly come to my room with Father Richard and Alex” which ended with a evil laugh.

Sam was terrified and he started to run to her mother’s room, Richard tried to stop Sam but couldn’t and when they went to the room they say Sam’s mother standing on a stool with a rope around her neck which was tied to a fan above, and as soon Sam’s mother saw them her eyes became black and she said in a male voice “Hello Father Richard been long since we last met right”.



And with saying that Sam’s mother possessed by the devil kicked the stool and killed herself. Sam and Alex tried to save her but in vain. Richard quickly grabbed both of out of the room and asked Sam where his room was and took both of two Sam’s room.

After entering the room, Richard locked the room from inside and told Sam and Alex “We need to exorcise this or else it will kill all of us”. “What should we do just tell us” replied both of them together “You don’t need to do anything Father Richard will do everything by himself” replied Richard with a wicked smile.

“Father is that you”, asked Alex nervously “Father Richard is long gone friend it’s just me and you

guys, and we are going to have a long playtime, so who is ready” replied Richard with an evil grin as his eyes went black. Richard walked toward Sam and Alex and took out a knife from behind him and went on slitting their throats.

Then he took knife, kept it on his throat and said, “Richard this is for keeping me trapped in that bed for so long now you go to hell, and don’t worry rest of your team member will join you soon.” And after saying all this he smiled and slowly he gave a nice and long cut on his throat.



Anirudh Raina
T.Y. - Civil Dept.

Hope vs Illusion

Hope is nothing but a pre-assumption that something we desired will happen in the future. Sometimes we ignore our inner turmoil who knows that it is quite difficult to happen. Hope gives strength to battle our infirmities but what's the point when you have the type of hope that things will get better on their own and you don't want to give any effort. Then, this would be a wrong view.

Everyone has their different hopes in life. A poor man hopes that one day he will be able to make enough money that his children don't have to sleep on an empty stomach. A middle-class man hopes that one day he will be able to make enough money so that he can take his family on a small abroad trip. And a rich guy hopes that his business grew and grew all around the world. So, these are the basic needs of people at different stages. Now, what if the poor man hopes that one day he will become a millionaire. That would be an illusion, right? Because if you're hoping for something it means you are working and making efforts to reach your goal. It is an optimistic state of mind that is based on an expectation of positive outcomes. An illusion is something based on your imagination and beliefs. A person can imagine whichever goal and heights in his life and can dream about them. Unseemly hoping that one day he will achieve that. But will it happen? No, but still he hopes. Because the illusion is not restricted by any rules, nor does it hold anybody



back from achieving the impossible. As a child, if shown a magic trick in front of them then they will be so amused and surprised by that but at the same time, an adult won't react like this because they live in reality.

However, we need both hope and illusion in our life to make it more alive. An adult feels nostalgic because he wants to relive the past, those childhood memories are so precious. It is very difficult for an adult to drop everything and pursue a passion which one would die for.

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However, we need both hope and illusion in our life to make it more alive. An adult feels nostalgic because he wants to relive the past, those childhood memories are so precious. It is very difficult for an adult to drop everything and pursue a passion which one would die for.

Peta Murchinson, a mother dedicated to raising awareness for Batten disease, who spoke at a TEDx event in Sydney, believes that "When life feels pretty hopeless, living in grief means life is more illuminating,

it makes me recognize the goodness in people and appreciate the privileges I do have." The way she is inspiring everyone is very heartwarming. Someone has rightly said that "One day everything will be well, that is our hope. Everything's fine today, that is our illusion."



Sakshi Londhe
S.Y. - IT. Dept.



Dr. Jagadish Chaturvedi



Interviewers:

- Shruti Pawar
- Vidya Lad
- Simran Koul
- Anirudh Raina
- Falguni Charade



You mentioned in one of your TEDx videos that you weren't as academically driven as other children and you wanted to be an actor.

Tell us something about your childhood and your school days, how your dreams were different from the others?

I had many dreams. My childhood wasn't very smooth. I was a problematic child regularly getting into trouble and always questioning, which I still do. If someone tells me to follow a path, just because they did or it guarantees success, until and unless I don't see my logic to it, I don't follow. But I tend to question and try it.

One thing that never made sense for me in school was if someone with 96% is moving to the next class and also, someone with 36%, so why should I put the extra 60% effort for the same result. I can use that same effort in something else which I like and is useful to me.

I have always been a part of theater groups and I have been doing theater since the age of 7.

I hardly used to pass any class test in school. But only when I came to 11th standard because that had a career element to it, I became more serious towards academics even in 10th class I scored some odd 66%, and the 12th standard was close to 83%, but it didn't affect my career that much.

People usually overvalue studies and marks, and I along with many others are examples, that marks are not the only thing required.

It is one of the things that you require to get into your career trajectory and still be good at it. So that's how it has been for me.

How did the coin flip from dreaming to become an actor in pursuing a successful career in medicine? How did this transition happen and what led you to become an ENT surgeon?

I still act, I had a very lucrative acting career and I'm from a theatre background and I've done plays every year till 2015. I've done large production plays and I've moved into Stand-Up comedy and acted in my own web series as well.

I wanted to study acting from the National School of Dramas and pursue my post-graduation there. But my father who is also a doctor said, why not pursue an undergraduate degree in medicine.

So, to become a doctor was not something out of a career choice, but was more out of doubts. During my school days, if I or my parents and friends would fall ill, I would feel very helpless that I don't know how to solve this problem for them.

I don't like being dependent on people, because I don't easily trust other people. So, I thought that I should know about my body, I need to know so that if I'm in some health problem or my family and friends, I won't be running to someone else.

I was poor at mathematics, but I've been able to understand the human body because of my curiosity.

I was poor at mathematics, but I've been able to understand the human body because of my curiosity. So, there happened a natural inclination. Also, because of my father, I have lived in a hospital, I have observed and adapted. I was naturally good at it, also understanding the science subjects which are very logical. In medicine it made logical sense, I would do reasonably well, even in my exams. So, for that reason, it wasn't very difficult for me to get into medicine and because I've been doing theatre since my school days, I didn't think of sacrificing it and not being an actor.

You have a total of 6 patents registered and about 18 inventions published in your name. What was your inspiration behind this and how do you motivate yourself and your team?

For me, the motivation is, I didn't plan to become an inventor and one of the things that I've learned about myself is that I don't plan things. I just look at the requirements and I try to meet it if I can. So, it's very much like a problem-solving approach. It is not like I have a vision and I plan for it and put up charts, like Monday I have to do this then Tuesday and then achieve.

I've never been that person, it's more like if today I'm doing something tomorrow, I find something more compelling I might spend time to do that.

Basically, performing a very problem-oriented and need-based approach. During my PG studies in ENT, I came across a problem where I was not able to learn a certain skill set of looking at the throat using mirrors.

We have to look at the throat but instead, you look at the reflection of it.

The mirror was fogging and light and was not good. I was one of the groups who were not good at it and that made me feel very uncomfortable because the patients I'm seeing are probably having a very high chance of missing out on their cancer, which is not a good thing.

On your conscience you know, you are a doctor and you pretend that you are using those instruments properly, but actually you don't know whether you are really sure or not.

For that, I thought I need to do something and change the mirror and put a camera and try to figure out the approach. This is how I developed my first invention.

As I developed the invention and observed that it is not that more difficult than we think, to make a new device.

After seeing the results of it and how it helped many clinical practices. I kept doing that after figuring out with multiple teams. So that's what keeps me going. And there will always be problems and I'll always keep solving something or the other.

Being an ENT surgeon pursuing a career in comedy, some very unexpected choices. Was it something that you always had in mind or things just came by in your journey? How'd you realize that you wanted to be the next Dr. Ken?

I didn't do any planning. I've been doing theatre very comfortably during my education, like all the way from 1st standard, I took my large production professional play till 2015 when I was doing ENT for about 4-5 years.

Since I multitask, innovations with startups, plus living in a city like Bangalore which is known for its traffic, it was tough for me to rehearse for plays. Like even if it is a one-hour long play, you need to rehearse for about 2 months, that's a very large commitment for every play.

Forme, when I'm planning ongoing, suddenly there is a case, a complication or some clinical related work, or I'm stuck in traffic, so I ended up being the one who never showed up for rehearsals at all.

And in theatres, it was considered disrespectful, but at the same time, they couldn't blame me because it was a clinical emergency.

It became a regular affair for me, I was even banned from the theatre circuit at Bangalore. So, from 2015, I was looking for an alternative, something which won't require teamwork-based rehearsal.

So, I started doing improv comedy, but improv also needs rehearsals, because the people you do it with need to know the way you are. I even thought of becoming a director, only to realize that a director must make sure that the rehearsals happen.

I tried all kinds of theatre formats but could not eliminate the need for team rehearsals in any of them. Until I was once directing a play where I had one of the lead actresses who was a stand-up comedian herself. She suggested I try standup comedy since I had the experience of comedy in theatres so I thought of giving it a try.

The most attractive things about standup comedy were that it requires zero team rehearsal. The format was solely dependent on me.

Comedy was coming kind of easily to me in the standup comedy format and people were also liking it, I was getting show offers from the front. It grew with every show and now in about three years, I've done almost 300 shows, some internationally too. I was doing well and now I'm being recognized for it.

So, I keep trying things, if I was to make a list of things I've done it would be as follows, I wanted to play cricket, I did professional bodybuilding, I played badminton and table tennis, but due to some physical injury, I had to leave. I tried to play instruments like guitar, drums, Cajon, ukulele and I was a horrible singer. I tried karaoke, I used to mimic singers. So, I tried almost everything you can think of, and 95% of the time they don't work. So, my profile is to constantly try things and that's what keeps me going.

When you were rising as a comedian, was it hard to cope up with those who are already in this industry and were well established? How did you manage to make your place and how was the journey?

Let us say there is a new artform, Tapu-Chiku. Tapu-Chiku is a new sort of comedy form, where you have an audience and you have to make the audience laugh but the technique is different. Now if I'm a standup comedian for 8 years and I have to enter Tapu-Chiku then people who are already experts in Tapu-Chiku will be like, "Who has come?". So, the audience is the same, the comedy is also the same, the objective is also to make people laugh, the stage is also there and the performer is also the same, only what changes is the name which is standup comedy and a little bit of technical format. So, for someone like me, it's not like I have to make a huge leap. When somebody new will come and if somebody new is doing what somebody does after 3 years of standup comedy then there is obviously this question that, "Who is this guy and where has he come from? How is he doing it?". There is a big difference in the stage experience that you get.

Being comfortable on stage, being able to be yourself on stage, being able to fumble on stage and recover, or being able to do a bad show and recover, there are a lot of experiences that a stage teaches you. Comedy is a writing and technical element but newcomers have to learn everything because that is the first time they are doing it and then when they see someone, they'll obviously have that kind of a rivalry or a competitive landscape. But you know for me, been in the art form for so long I've faced almost all kinds of criticism so for me, it is just a part of a game.

I don't take anything personally. In fact, if I don't get any criticism, I feel like I'm not doing enough because you'll only be criticized if you are a threat otherwise why will someone criticize you. They are not the ones who are worse than you.

You criticize the ones who are better than you and you think that they are doing something hanky-panky to get better than you because you are trying your best and you are not able to get there, "so what are these people actually doing?" You'll start thinking that whether they've bribed someone or maybe due to nepotism they are here. So, you start criticizing and start pulling those people down and criticism is the most specific indicator of success. If there is nobody jealous of you then you are not pushing yourself enough.

From being intellectual and logical to creating comedy content and finding humor, how do you cope with these two distinct personalities and even the people around you, your patients and also, your family, how do they react?

The reason why you are labeling me with so many multi-tasking things is because I am positioned like that. Because of the revenue-generating professional labels on me you feel I am doing multiple things, but to be very honest I am probably doing the same number of things that you do or probably even lesser than that.

You will never look at yourself as multi-tasking but you will look at me as a multi-tasker.

For example say a middle-class person in India, gets up in the morning, does some yoga or exercise, then they cook breakfast, then go to their 9-5 job.

After that comes back home, play some sports or watch TV. I am sure you do something in that 24 hours of yours right.

They are only recognized for that 9-5 work because that is your degree and that is the work you do. You might sleep for 8-10 hours but the rest of the time you're doing a bunch of things. Now imagine each of those things being in a job, they become part-time. Revenue generating things like doing gym professionally, your time is the same but you're doing you're labeled as a gym trainer. Then you're a food provider also and plus a 9-5 job as an engineer, in the evening play professional sports.

Multi-tasker but you're still doing the same things, nothing has changed whether you call me a multi-tasker or not. I used to do theatre and many other things when I was studying or when I am working. But these have all become professional labels so it appears like I do a lot. Most of it is just a mindset. When you start doing things consistently without spending too much time, by planning it more and positioning it as revenue-generating, the same jobs will make you look as a multi-tasker. So, for me it's not like my family looks at me suddenly differently, I have been like this doing multitasking since I was a kid, nothing changed, in terms of my daily behavior.

It's just that each and everything that I am trying to do regularly, I am getting branded for that. You might read a newspaper coverage or google me and see okay he is an author as well he must have started writing at the age of 20.

You've written a book named 'The benefits of failing successfully' in which you stated that failures are just a part of the process than a conclusive outcome. We've seen so many youngsters give up these days due to mental pressure and after facing failures. How was it for you to try different paths and how have you treated failure in your life?

It's like you get good at something when you face a lot of it, you cannot be good at something if you avoid it. You cannot avoid being in a bad situation because then how will you cope, mistakes are something which sometimes is not in your control, things can go wrong at any point in time. For me, because my natural tendency is to question and try, so my ability to fail is much higher, so from school days always being someone who is always getting into trouble falling, failing, etc. And when you go through that in your early days of school life when the stakes aren't that high. When you have smaller cycles of failure your body tends to understand the mechanisms of how to get better and cope with the situation. Then after a point, you tend to get used to the cycle. But people who haven't faced these cycles up till their 10th, 12th. They have set their bar on above 90% which is a social bar it's not an educational requirement than those students go for further studies, jobs and then one fine day when they come into such kind of situation their mind is not used to the cycle, they don't know how to deal with it and they act according to their impulse. Even if today I make any mistake, I am aware of the cycle. I know that it's not the end of the world. For me, that characteristic of trying something new has helped me get used to it.

I have written in my book that socially, success and failures always looked equal while they are not and the way to prove that is if you were to fail your 5th standard would you stop going to school or try a new career field?

No, you will study until you pass, so failure is not an end outcome, failures are just attempting to get success. It depends on what people are good at. If you are good at something you will easily pass and if you are not you will fail it's just that your journey to success will be a little longer for you to learn that thing. Everyone has a spectrum of success and failure and if you want to overcome failure you should. What I do is that with every failure I tend to find the benefits from it. You need to fail first, fast and cheap, and overcome small problems once you learn to master smaller problems you would be able to overcome bigger problems. That's why never if your first mistake is big you will tend to not cope with it; you need to take baby steps. So, you won't react like it's the end of the world.

We observed a lot of your comedy content and videos, how you made comedy out of the regular, but important stuff like assaults, threats, social awareness and all, so do you think that comedy brings about some social change in society while feeding humour with a pinch of salt?

I use humor because people don't like to share serious things and everybody wants to look cool. You don't want to be that guy who is always concerned and talking about serious stuff who keeps saying that "dude, this is a bad time for us, people are dying".

To which others are like, chill man I had a tough day I want to relax. So, normally people like sharing music, comedy or something that can make someone laugh or make someone calm. Hence, comedy has a very high shareability just as a format.

Jokes, poems, pictures, and paintings are being shared for decades because these things trigger different parts of your mind. You feel good sharing content which is acknowledged by others.

So, when you mix message in comedy your chance of the message reaching is higher, now if I sit wearing a stethoscope and a lab coat with glasses and say "corona is a very dangerous disease and we all have to be very careful, and we all have to wear masks", people won't share that because it's serious and they don't want their family and friends to get worried about this whole situation.

But now if I sit in the car saying "aye main coronavirus" they would find it funny and would forward it as well.

It is human behavior to share laughter. That's why, comedy has an ability to bring out change, if you cleverly integrate information in it.

I call it infotainment, to bring information in entertainment.

Do you think Indians are very sensitive and serious about the content which goes online whether it is comedy or anything as such, and as an audience do you believe we would ever be open to western comedy cultures?

People need an excuse to feed something deeper, now it's on what medium they choose to get upset about whether it is a comedy, the government, the potholes, or about life. Because of your insecurities, you will find a way to get upset.

I don't think the medium they choose would always be the trigger. People were still getting upset even before standup comedy, there was intolerance for topics of Bollywood movies, cartoonists have been killed for their sketches, painters have been assaulted for the paintings, directors have been beaten up, politicians, who are always been targeted.

In your job or even in your department, there will always be one professor who takes the brunt of everything. So, when you have self-doubts you will figure out a way to ventilate that by blaming it.

If not comedy it will be something else, I don't think improving comedy content will suddenly change people.

It's just a behavior that people like to engage in, there is some attraction towards negative things. If someone says "look there is a fight going on outside" you will run to see that.

People also like comparing life, it's like a shared bad thing and being like "My life is going bad, but not as bad as his".

For anything, good people will bring out their negativity. Most people are dissatisfied with what they do, they don't enjoy it. That's why you see people going to work for the sake of going. Ideally, the person who wants to work should come to work willingly. You don't have to ensure different kinds of attendance like fingerprinting, retina, and face scanning.

That's why people are not progressing in the way they should be. Now for me, my career decisions and choices may be very atypical but honestly, I don't even feel like I am working, because everything I do, I like doing.

These interviews help me reflect on what I am doing otherwise I always keep my brain at work. So, if everyone is doing what they want we won't be surrounded by a negative group of people. The problem is the majority of us are not doing that, that's why the frustration comes out through these things.

Talking about the COVID-19, what is your take on this pandemic, and would this change people for good. Also, this new normal do you think it would be the new way of living?

I think we as a population have really pushed the boundaries of nature, with whatever we are doing. There has been an increase in the frequency of natural calamities.

You can see more frequent floods. I remember during my school days if some minute frequency of earthquake occurred, it was national news.

Now every two days an earthquake occurs in Delhi, it's just 3.05 Richter. A flood occurs every now and then in Kerala, Assam, and Bihar. So, the frequency of those natural calamities and diseases has been increasing. This virus is intelligent, not a kind that has been studied.

When we use to study flu viruses, airway viruses, we studied a pattern, the virus takes five or ten years to mutate and then come back in attack. Now, this virus has changed 30 times after the same attack. Because it has so many different traits and abilities to change quickly in a few days. It can re-infect the same person. Even the antibodies are showing that they last only for a few weeks in a previously infected person. Whereas we have studied that virus which once enters your body and if you survive it, then in your entire life, that virus can't affect you again.

But here the antibodies are short-lived, the virus is also mutating and even if you make a vaccine then till the vaccine will get released, the virus might have changed. So, I think, unlike all the other previous pandemics and epidemics this is something that is going to stay and not for a matter of months. I think the world is going to be a lot more unpredictable, we can see how it's an exponential growth curve of negative things happening.

You would expect heart-attack to someone who is sixty-five suffering from diabetes and hypertension.

But now youngsters are developing heart-attack, people in their twenties are developing all sorts of chronic diseases.

A lot has changed. Most of the time these viruses communicate. There are three more pandemics waiting to happen, more mutations are happening, people are tracking it. The thing is we don't know the future, you need to be very smart in adapting.

You also need to think how you are going to survive and that cannot be a standard answer for everyone, it has to be a customized answer based on your strengths, your weaknesses, what you are good at and what you can do to survive.

So, how do you keep your growth curve going? By constantly strategizing and thinking.

Take a six-week goal, three-week goal rather than a five year or ten-year goal and slowly keep modifying that goal.

Which one skill or belief of yours made you consistent in all your career choices and do you have any regrets about something you might have done differently in the past if given a chance to?

My mantra is that I try, and I'm okay if I fail. I've zero inhibitions to try something new.

When I was a kid, I once dressed up as a woman and walked in a market and I was pranking people, and they were like "you are crazy, what is this you are doing?" .

Once in a fancy dress, I dressed up as an old lady. So, I just keep exploring things, sometimes it goes well sometimes it doesn't.

I'm very practical and less emotional, so everything is very research orientated.

For me, that ability to try is what keeps me going. The reason why I don't regret it is that I have tried everything which came by.

After trying I have pursued. So, except for illegal things, I've tried everything.

Do you think this is the last station for you or is there still a journey ahead, after Achieving so much in your life is there something you still desire of becoming, is there something left on your bucket list?

For me, I don't know what I'll be doing next and I am not very concerned to know it also. I am a person who does not like being monotonous and also being someone, I am not. So, if tomorrow I feel like going rock climbing there's no way I am not going to.

I'm just open to exploring, I am not trying to be very philosophical over here but I do remember a quote that Chanakya said which makes a lot of sense is "you get disappointed when you expect something if you don't expect anything you don't get disappointed" and that's very true.

So, if you have an expectation from people or from your life then there is an equal chance of being disappointed when you are not going to achieve it.

But when you don't expect you are explorative and being explorative is what it's like being a child. This might sound something which is risky and it is, but then it makes it exciting too.

I always take a calculated risk, I try all sorts of things and the majority of them don't work and I'm ok with it because the few things which work are worth it.

I like to keep that journey going so, if 10 years down the road I am still doing comedy being a doctor and author I have the same profile, then there is something wrong in my life I don't want to have the same profile ahead.

I believe in 10 years a lot of things will change and I will start doing things that are fun. So that is what I am looking forward to for the rest of my life, if there is one.



Blood Diamond

I saw an old man crossing down the road,
Shaking and trembling his hands were fold.
Skin so soiled and clothes burnt,
He was in a bad condition from his situation it
could be learnt.

I asked him about his condition,
And all he said about was his remission.
He talked about a time when he was a miner,
Digging holes and discovering new jewels were a
part of his diner.

He said that once he found a rare gem,
Beautiful & precious and of great value accord-
ing to them.
Lords and kings were determined to get their
hands on it,
While the old man played smart so he became a
snitch.

He planned to trick a lord,
To sell only the sheath and to keep the sword.
A false stone was also forged,
As his hunger could not be gorged.

He fooled the lord and took away the
money and the gem,
But this act was going to be a good reason
for him to condemn.

The lord outraged following the betrayal,
The lord burnt down the whole village
from every man to the ones in cradle.

The old man was also trapped in fire,
At that moment living another day was his
only desire.
He left the sack of money and the gem and
got lost in the wilderness,
His one act of greed became too
villainous.



Remembering that decision everyday he
suffers,
His thoughts were acidic and needed
some buffers.
His entire life was vain and to plead his
guilt,
That is why greed is one of the greatest
filth.



Sovik Sharma
S.Y. - E&TC. Dept.

Flickering Hope

I'm ready for the show down
But as I woke up felled the crown
Not much crowd as it was dawn
Breeze blew greenery in the lawn

I was about to fetch it up
Suddenly a dazzling thought struck
It shivered me down my spine
What should I do.... running out of time

To reach there would mean a chance
Name 'n fame or a trip to France
It would shower blessings on me
World will see it's my victory

As I took a step, crumbled my heart
A voice said leave this hollowness apart
It's filthy mind game down there
It's demand increasing which you can't bare



She was calling my name by and by
But on that glimmer my heart rely
I wanna introduce her to that light
But she was sensitive to that much bright

"Even shadow will leave me in dark",
I said, trying to convince that inner spark
Nodded her head and told me that,
"Then how can you trust those spoiled sprat"

She was right Deep down my heart knew
And it was when my eagerness grew
To know her well shape her out
The deeper I went..... it increased my thought

It made me see the changing colours of all
Clumsy games of small and tall
Meanness, greed 'n stinking masks
Cheap 'n disgusting tasks

These rounds were about to ruin me
Suddenly she shifted and set me free
To a trustful golden heart
Now don't want that crown..... I got my award.



Simran Koul
T.Y. - Comp. Dept.

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Once upon a time in a land far away,
There was a different nation they say,
Crimes and corruption was none,
Rules and regulations were defined and people
also used to obey.

Everyone wondered the reason,
How can a place be without any treason,
The secret was the dictator himself,
His guidance brought prosperity in every sea-
son.

But his ways were cruel,
He used violence as his fuel,
People used to bear hatred in them,,
And they waited for crown's renewal.

Enemies and enemies he made along,
All believed that his methods were wrong,
But no one was allowed to speak,
Some kneeled before him while some remained
strong.

But the people had enough,
So they conspired a plan so tough, That it created
an opportunity for the dictator's end,,
Either they get justice or their hands in cuff.

Plan was to kill him during an event,
A place with many suspects to present,
But the kill was to be done by someone,,
And they needed somebody to represent.



Then a female voice came from the crowd,
It said that the killing should be done by those
who bowed,
But it was everyone who used to bow before
dictator,,
So everyone should be allowed.

Then a female voice came from the crowd,
It said that the killing should be done by those
who bowed,
But it was everyone who used to bow before
dictator,,
So everyone should be allowed.

The dictator's body encountered 494 of them,
With freedom and independence the crowd
overwhelmed,
Every guard and bishop was stunned,,
As the people were the real ruler of the realm....



Sovik Sharma
S.Y. - E&TC. Dept.

Hiraeth



Memories are shifting like shadows,
and I wonder what purpose does
it serves,

Battering against the window
fingers are blanched and wrinkled
the heart is throbbing giving the
much-anticipated dispute.

The crest is falling,
offering my beneficence around the
world, in an attempt
to assuage my imagination.

There is a crumb of comfort and
a sheen of sweat.
Deciphering which senses to believe,
is a real competence.

Directing the gaze on the extent,
not the dorsal picture.



Vidya Lad
T.Y. - I.T. Dept.

Yeah

Yeah, I know,
You are there,
Working secretly,
To make me smile frequently,
Yes, you are there,
In the breeze, passing by me,
In the music of tides of sea,
In the flowers that bloom in springs,
In the melody of cuckoo that sings,
Yes, you are there,
In my happy moments,
Doing positive frequencies emission,
Supporting and helping me,
When I'm in depression,
Yes, I know,
You are there,
In the budding flower,
Which invigorate,
After graceful showers,
In the dew gathered on the leave,
Which seems like a diamond,
That reflects your presence,
Around me,
Yes, I know, you are here,
You are here, Right inside me.....



Kedar Dhongade
T.Y. - Chemical Dept.

My Mate

Weather in sadness or in elation,
My heart always calls for your consolation.
At times so bad you have bettered me,
At times so hard you have loved me.
World may pray and worship lord,
But my head bows for your thought.
I need your hands over my head,
We both staring at the stars overspread.
Spending the night under the candle light,
And staring each other without eyesight.
You were always by my side whenever needed,
Now let this warrior to be acceded.
Sweep away your tears into my eyes,
Let me feel your sorrow and empathize.



Older by day

I sat skipping through photos once,
to the times my parents had only known me for months.
little me picked at flowers adorning her mother's hairs,
but now she's always searching for glasses she forgets to wear,
and I noticed the number of wrinkles and the greys on her hairs.
Him, who taught how to read,
now needs someone to lead.
The ends of my hairs brushed the floor I sat on
and the back of my bicycle that I no longer used,
did not need my father to hold on.
I could walk the dark path to the bathroom alone,
turn the switch on, on my own.
I no longer told them to check underneath my bed,
and would rather patch up on my own if I ever bled.
But through and through they've been by my side,
when I stumbled to walk and when I learned to ride.
The photos were proof that the present was present at all.
How I wished the camera could freeze the time and growth stalled.
The flow of time rivalled absurdity,
how I still wished I could spend the days in slow eternity,
with the woman who sang me lullaby,
with the man who assured I qualify,
to bring them every delight that I could and gratify.



Rajshree padvi
B.E. - Chemical. Dept.

It's Legitimate

For your vicious crime,
Cause you came too much close, In a very short time,
Eventually you became a drug, Indispensable in my life,
There was a long way to go, But you left me alone,
In a very short time, It's truly said,
Expectations hurt, Human being suffers most,
when he expects something from someone and does not fulfill it,
Expectations lead to disappointment,

If they did not turn out the way we want to, Is it erroneous to do so?
I expected care from your side, I searched love in your eyes,
But you looked it in handsome guys! The only thing that went wrong,
I expected you would be mine, At Least for some more time.....



Kedar Dhongade
T.Y. - Chemical Dept.

The moon poem

A girl is sitting on the cliff,
Tender like a butterfly but iron like stiff
Staring at the moon in eternal bliss
With the eyes like a bottomless abyss
Talking to the moon in ecstasy
Asking him about his fantasy
Luna said all I want is a companion
Though the boundless skies have none
All that the skies offer is desolation
He said the only thing I've is imagination
For the poor blue moon, she felt her heart sunk into pity
She said everyone admires you even in this sin city
I look at you every time constantly to uncover the divine euphoria
In the land of the dead to discover the paradised area
The once blue moon now gleamed with delight
Dreamily turning the tedious dark into a reminiscing magical night
The girl smiled at the sparkling luna with sorrow filled eyes
Since all she told him were nothing but white lies
Because all moon reminded her was the empty halve
The things she wanted but couldn't have.



Sneha Kharate
S.Y. - I.T. Dept.

Is it the celebration of autumn or the farewell of spring?

Is it the celebration of autumn or the farewell of spring?

My heart is surprised looking at this sudden swing.

Rose garden have diluted the air with their fragrance,

Still some grief is hiding under the rug of its entrance.

All the sceneries are scared and time is sleeping,
And they have dissolved loneliness in our meeting.

Even after blooming, flowers do not blossom,
Spring in my eyes and autumn in my heart of-ten.

The sleepy time have silenced some sorrow,
And many unsaid things have been swallowed.
We walk together but something separates us,
Just like the two shores of river that never trusts.
Is it the celebration of autumn or the farewell of spring?

A Journey of belief

When the sun sets out from the eastern horizon
It knows its journey would end at the western horizon

But does it ever bother its mind and heart

Would it ever reach its destination

Or would it get lost in the way far from its home,
far from its destination ?

When a mountain sets the river free from its caring eyes

With only one message that its meant to find its way into the mighty sea

Neither the mountain, nor the river knows where the sea is

But it's the mountain's belief that its river will get there eventually

And it's the river's conviction that its completeness lies in losing its identity in the sea

That inspires the river to begin its search for an unknown road to a little known destination

Yet, doesn't it ever occur to the river that maybe

It's journey will go on endlessly and it will never reach the sea

Or the sea will dry up by the time it gets there ?



Jay Wamne
T.Y. - E&TC. Dept.

The moon was told it was meant to shine for a while,
to fight the darkness of the night
And then surrender to that very darkness
With the promise that it will come back with the same strength and might

To lighten the sky with its affection and spirit
Yet doesn't the thought that what if its disappearance into the dark

Would never allow it to regain its glory again
Caution the moon against walking into the dark
with its back towards the glory it so longs for?

A huge tree told a little seed

That you will grow up to be as big as me one day

The seed thereafter lived every moment

Nurturing the belief that it will indeed turn into a tree one day

Would bear fruits, flowers that would define its fulfillment

Would give shade to tired passersby who will bless it

Would protect the ground, that held it all along,
from the scorching heat and rains

Yet, doesn't the seed lose heart for even a moment that

What if its dream to leave its mark on the world
Is crushed by a storm or uprooted by an ill-tempered wind?

When you set asail a mighty ocean

You do know it will end somewhere

Reaching there is your dream and your dream is the meaning you wish to assign to your life

You will pursue your dream tirelessly, sincerely and with conviction

Yet, will the thought that you have lost your way between the two horizons,

Or that your journey to the sea is going nowhere

Or you are probably walking from the dark to the darker, perhaps never to return

Or your longing to elevate your existence to a whole host of aspirations, get destroyed abruptly

Will these thoughts never scare you?

Will these fears never dissuade you for taking the next step?

Will the burden of a possible failure not bring tears to your eyes?

Will the realisation that your life is not entirely yours never disillusion you?

I put this question to the sun every day, the river occasionally, the moon every fortnight and the tree sometimes

But they are all so busy - the sun galloping towards the western horizon,

The river towards the sea, the moon jumping on and off the sky

And the seed measuring it's height every second

That they either don't hear my question

Or are always in a hurry and hence not available to answer!!

And then I silently get along my journey in the ocean

In the hope that one day either they will answer my question or I will find the answer myself..



Manish Kahre
Assistant professor

अभ्युदय

हिंदी
विभाग

३

अभ्युदय
Hindi Section

अपने बीते हुए कल को पीछे छोड़ उससे सबक लेकर आगे बढ़ना संसार और ज़िन्दगी का अहम नियम है और ईश्वर की हर रचना इस नियम से भली भांति परिचित है, तथा इसका अनुसरण भी सार्थक तरीके से करती है। परन्तु जैसा कि सभी लोगों को ज्ञात है कि बड़ी सफलताएं और कामयाबी सिर्फ उन्हीं का दरवाज़ा खटखटाती है जो अपने हज़ारों खामियों और हज़ारों नाकामियों के बाद भी ऊपर उठने का साहस रखते हैं। ऐसा अभ्युदय स्वभाव सिर्फ चुनिंदा लोगो में देखने को मिलता है और, इन्ही लोगों का नाम इतिहास के पन्नों में सुनहरे अक्षरों में लिखा जाता है। हमारे भारतवर्ष में कई ऐसी शख्सियतों का नाम विख्यात है जैसे की : श्री स्वामी विवेकानंद जी, माननीय डॉ . ए.पि.जे अब्दुल कलाम, सचिन तेंदुलकर जी, लता मंगेशकर जी तथा अमिताभ बच्चन जी जिन्होंने अपनी अभ्युदय नीतियों और आचरण का लोहा समस्त जगत में मनवाया है।

ठीक उसी तरह हमारे अज्ञानवृक्ष के हिंदी संकाय के समस्त सदस्यगण अपने अभ्युदय आचरण का अनुसरण करते हुए अपने ही नहीं, बल्कि समस्त विद्यार्थियों की सोच को एक नया रंग और एक नयी उड़ान देने के लिए तत्पर हैं। इसलिए 'अभ्युदय' जैसा अलौकिक और जोशीला नाम हमारे हिंदी संकाय के सज्जनों के लिए एक सार्थक चुनाव है।



परिचय

शिक्षक प्रमुख
मनीष खरेविभाग प्रमुख
अभिलाष कुमार
इ. एन. टी. सी.

सदस्य

अंबुज मिश्र
टी. वाय. बी. टेक
आय. टी.ईशा सुल
टी. वाय. बी. टेक
आय. टी.गौतम झा
टी. वाय. बी. टेक
आय. टी.नकुल अग्रवाल
टी. वाय. बी. टेक
कॉम्प्युटरसंस्कार शर्मा
टी. वाय. बी. टेक
कॉम्प्युटरप्रतीक भंगे
एस. वाय. बी. टेक
मैकेनिकल

संपादकीय

संपादक की कलम से,
सुप्रसिद्ध कवयित्री महादेवी वर्मा ने अपनी कालजयी उत्कृष्ट कृतियों में से एक की शुरुआत निम्न शब्दों से की:
वे मुस्काते फूल नहीं,
नहीं आता जिनको मुरझाना
ये पंक्तियाँ जीवन की एक बहुत ही मौलिक विडंबना का प्रतीक हैं। एक अवसद पर ज्वार का मार्ग जीवन के आशावादी चरणों के स्मरण के माध्यम से निहित है। जीवन के इन सभी चरणों ने मिलकर एक गुलदस्ता बनाया है। इस गुलदस्ते में खूबसूरत फूल होते हैं जो जीवन के उज्ज्वल क्षणों का प्रतिनिधित्व करते हैं लेकिन इन खूबसूरत फूलों के बीच में कांटे भी होते हैं जो हमें जीवन के न जाने कितने विपरीत क्षणों की याद दिलाते हैं और सुनिश्चित करते हैं कि हम आशावाद की भावनाओं में बहते ना चले जाएं।
भाषाओं और बोलियों में अद्वितीय और समृद्ध विविधता शायद भारत की सांस्कृतिक विरासत का सबसे स्पष्ट प्रतीक है। यह एकीकृत करने वाली शक्ति है, यह एक निश्चित और पहचान का स्थायी स्रोत है और सभी भारतीयों के लिए गर्व की बात है।
मैं पूरी मंडली का आभार व्यक्त करना चाहूँगा जिन्होंने अथक, रचनात्मक और इतने उत्साह के साथ काम किया है तथा अपने निरंतर प्रयास और निष्ठा के साथ लेखन के इस गुलदस्ते को और सुगंधित कर दिया। मैं उन सभी को धन्यवाद करना चाहता हूँ जिन्होंने अपने विचारों के साथ इस संग्रह में योगदान दिया है। और उन लोगों के लिए जो अपने विचारों पर विश्वास रखते हैं परंतु उन्हें लेखन या किसी काव्या रूप में नहीं उतार पाते हैं, मेरी उन्हें एकमात्र सलाह यह है कि आप प्रयास करते रहें।
क्यूकी...
“कोशीश करने वालों की कभी हार नहीं होती।”

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वे मुस्काते फूल नहीं,
नहीं आता जिन्हे मुरझाना
_महादेवी वर्मा

संवाद की भाषा

हम लिखते- पढ़ते हैं, सुनते भी है। अपनी मनोदशा के अनुसार भावनाएं प्रगट करते हैं। इन सभी प्रक्रियाओं में अगर कुछ एक बात समान है, तो वो है भाषा। भाषा ही एक वो माध्यम है, जो मनुष्यों को बाकी प्राणिमात्र से अनोखा बनाती है। हमने जो प्रगती भाषा के माध्यम में की है, वह बताते बताते ग्रंथ भी कम पड़ जाए। ऐसी एक विरासत, हमारी देश की सभी भाषाएं; उनकी उतनीही विविध लिपीयाँ और इन सभी में रचा गया अनमोल साहित्य। इस विविधता में एकता को बयान करने वाली हमारी भाषाएँ आज एक नए दृष्टिकोण से देखी जा रही हैं। वो है भाषाई आधार पर होने वाली राजनीति ! जो एक चिंता एवं चिंतन का विषय हैं। हिंदी को लेकर जो विवाद है, वो तो 1940 से ही चला आ रहा है। भारतीय संविधान में हिंदी को राजभाषा यानी प्रशासन के कामकाजी हेतु मान्यता मिली सही, लेकिन राष्ट्रभाषा के रूप में आज भी हिंदी को पुरजोर विरोध होता है। कई हिंदी प्रेमी तो अति उत्साह में आकर को राष्ट्रभाषा करार कर देते हैं। और फिर मानो जंग छीड़ जाती है। हम आज भी राजभाषा और राष्ट्रभाषा में अंतर नहीं कर पाते। क्योंकि इस विषय को जानने की इच्छा नहीं रखते। उत्तर भारत के बहुसंख्य राज्य हिंदी भाषी हैं या वहाँ हिंदी की बोलीयाँ प्रचलित हैं। वहीं दक्षिण भारत या पश्चिमी भारत में हर एक राज्य की अपनी एक स्वतंत्र भाषा संस्कृति पाई जाती है।

वहाँ की लिपीयाँ भी अलग हैं। इसके चलते हिंदी के प्रयोग के बारे में स्थानीय जनता अनुत्सुक है। जहाँ तक महाराष्ट्र की राजभाषा मराठी, जो आज नागरी लिपी के लिखी जाती है।

वो भी मध्य युग में अलग लिपी में लिखी जाती थी, समय के चलते और आसान देवनागरी लिपी की आसानता को भाकर मराठी भाषा ने भी नागरी लिपी स्वीकार की।

रही दक्षिणी राज्यों की बात, तो हिंदी विरोध में अग्रसर तमिलनाडू, कर्नाटक, केरल और आंध्र प्रदेश में क्षेत्रीय भाषा के प्रति आम जन ही संवेदनशील हैं। वहाँ किसी के राजनैतिक हित अहित भाषा, संस्कृति के प्रति संवेदनाएँ हैं। 1940 के दशक में इन्हीं राज्यों ने क्षेत्रीय भाषाओं पर हिंदी थोपने का विरोध किया, जिसके चलते भारत के संविधान में आधिकारिक भाषा के रूप में अंग्रेजी का भी समावेश किया गया।



दक्षिण भारत को हमेशा ही द्रविड मूल के निवासियों का माना गया है एवं उत्तर भारत के लोग आर्य वंश का दाखिला देते हैं। दक्षिण की क्षेत्रीय अस्मिता के मुख्य रूप से दो कारण हैं। एक तो द्रविड भाषा परिवार की प्राचीनता। इतिहास कहता है की इ. स. पूर्व दूसरी शताब्दी से ही तमिल, मल्यालम का विकास होना शुरू हुआ, तबसे आज तक इन भाषाओं में बदलाव होते होते उन्हें आज लिखे बोले जानेवाले लिपी, व्याकरण का रूप मिला है।

बहुत ही कम लोग जानते हैं की जितना अंतर हिंदी और किसी विदेशी भाषा में है, उतना ही अंतर कन्नड, मल्यालम, तमिल एवं तेलुगू में है।

दूसरी बात की हिंदी भाषी लोग ज्यादातर बहुलता के आधार पर हिंदी की श्रेष्ठता की बात करते हैं। ऐसे में दूसरे क्षेत्रीय भाषाओं की संस्कृति, उगम को अनदेखा करने की आदत प्रबल हो जाती है। अंततः इसी देश की भिन्न संस्कृति, परंपरा विशेष को जानने की उत्सुकता की खत्म हो जाती है। हालांकि संविधान में भारत की विविधता का प्रतिक, इन सभी भाषाओं को सम्मिलित करने हेतु 22 भारतीय भाषाओं की अनुसूची शामिल की गई है। यह सभी 22 भाषाएँ सरकारी कामकाज, आधिकारिक भेटवार्ताओं का माध्यम हो सकती हैं। इस माध्यम से भारत का नागरीक अपनी मातृभाषा में व्यवहार करने में सक्षम है। तभी तो जाकर विविधता में एकता का संदेश और प्रबल हो रहा है।

हमारा संविधान, राज्यों को अपनी क्षेत्रीय भाषा को राज्य के कामकाज में राजभाषा का स्थान देने का भी स्वातंत्र्य प्रदान करता है। राज्यभाषा, संविधान की सन 22 भाषाओं की अनुसूची में समाहित होना जरूरी नहीं। इस प्रावधान के कारण ही कई बोलियों और कम मात्रा में प्रयोग किए जाने वाले अन्य जनजातीय भाषाओं का संरक्षण हो रहा है। आज भी जो हिंदी आम जन द्वारा बोली जाती है वह वास्तविक हिंदूस्थानी बोली है। मतलब हिंदी और उर्दू का मिश्रण। शूद्ध या ठेठ हिंदी का प्रयोग ज्यादातर कामकाजी बनकर रह गया है। उत्सुकता की बात है, हिंदी यह शब्द खुद फारसी भाषा से जन्मा है। इसका अर्थ - सिंधू नदी के प्रदेश में बोली जानेवाली भाषा है।

खड़ी बोली में संस्कृत भाषा के शब्दों की बहुलता और इसका देवनागरी में लिखा जाना हिंदी कहा जाता है। उसी तरह खड़ीबोली में अरब- फारसी की बहुलता और उर्दू लिपी में लिखा जाना उर्दू कहलाता है। यह दोनों भाषाएं आपस में इतनी घुलमिल गई हैं, की हिंदी जाननेवाला व्यक्ती बड़ी आसानी से उर्दू बोली गई भाषा समझ सकता है। उसके लिए विशेष रूप से सीखने आवश्यकता नहीं।

आज का दौर यकीनन अंग्रेजी की मार खा रहा है। हिंदी या कोई और क्षेत्रीय भाषा, सभी अपने अस्तित्व को बनाए रखना चाहते हैं। वैश्वीकरण के आगे अपनी मातृभाषा, उससे जुड़ी संस्कृति विशेष का बना रहना एकता की अस्तित्व का आधार है। ऐसे परिप्रेक्ष्य में हिंदी को राष्ट्रभाषा के रूप में थोपना क्षेत्रीय भाषाओं अंत का कारण बन सकता है। अपितु हम भाषाई विविधता को बनाए रख, हिंदी को उनके बीच एक संवाद का माध्यम बनाए तो जन मानस में विविधता में एकता संदेश अधिक प्रभावी रूप में पहुंचाया जा सकता है।



सिधार्थ महेश सातभाई
बी.टेक.
केमिकल

सक्षम प्रशासक का महत्व

“सभ्यता बदल रही है और समाज बदल रहा है।
हमारा देश अब अपना मिजाज बदल रहा है।
एक सक्षम प्रशासक के हाथ है हमारे मुल्क की तकदीर,
जो सत्तर साल से ना बदला वो आज बदल रहा है।”

बहत्तर वर्ष पूर्व जब हमारा देश ...

परतंत्रता की औपनिवेशिक बेड़ियों से छूटकारा पाकर स्वतंत्रता के मुक्त आकाश में आरोहित होने का प्रयास कर रहा था तब देश के तत्कालीन नेतृत्व के समक्ष सबसे बड़ी समस्या यह थी कि लगभग 660 छोटी बड़ी रियासतों में बंटे हमारे देश को कैसे एकजुट किया जाए, किस तरह एक सूत्र में बांधा जाए। तब हमारे पास इस समस्या के समाधान के लिए दो प्रभावशाली नेता थे, एक प्रेरक संचालक छवि वाले तत्कालीन प्रधान मंत्री और दूसरे सक्षम प्रशासक की छवि रखने वाले लोह पुरुष गृह मंत्री। सक्षम प्रशासक ने 659 रियासतों का जिम्मा लिया और साम दाम दंड भेद की नीति से सभी का विलय भारत में करवा लिया, इसमें जूनागढ़ और हैदराबाद जैसी मुस्लिम बहुल व मुस्लिम सदर वाली रियासतें भी शामिल थी। प्रेरक संचालक के जिम्मे सिर्फ एक रियासत थी वो भी मुस्लिम बहुल किंतु हिन्दू सदर वाली जम्मू कश्मीर रियासत और उसका क्या हथ हुआ ये पूरी दुनिया जानती है। बहत्तर वर्षों तक जम्मू कश्मीर हमसे अलग थलग बना रहा। यह एक ऐसी भूल थी जिसका खामियाजा पीढ़ियों को भुगतना पड़ा।

“कायरता जिस कोहरे का श्रृंगार करती है।
उस पर मक्खी तक बैठने से इंकार करती हैं।”



इस अनंत उदार आकाश के चिंता रहित ज्योतिमान प्रशस्त ललाट की तेजस्विता लिए भारत देश में जो तंत्र चल रहा है वो है लोकतंत्र। आजादी के बाद से कई प्रेरक नेतृत्व हमारे देश को मिले, लेकिन हमारी छवि विश्व समुदाय के समक्ष दीन हीन राष्ट्र की ही बनी रही।

एक सक्षम प्रशासक ही सीना ठोक कर यह कह सकता है कि ना हम नज़र झुका कर बात करेंगे ना नज़र उठाकर बात करेंगे हम नज़र मिलाकर बात करेंगे। एक सक्षम और सशक्त प्रशासक ही यह हुंकार भर सकता है यह नया भारत है छोड़ोगे तो छोड़ेंगे नहीं, घर में घुसकर मारेंगे ! सिर्फ कहता ही नहीं कर दिखाता है।

सर्जिकल स्ट्राइक हो या एयर स्ट्राइक, धारा तीन सो सत्तर हो या नोट बंदी, ऐसे बड़े निर्णय लेना बताता है आज भारत का नेतृत्व कितने सक्षम हाथों में है।

“बता दिया है आन बान और शान से जीना किसको कहते हैं।
दिखा दिया है छप्पन इंची सीना किसको कहते हैं।”

एक सक्षम प्रशासक देश की अखंडता का कवच होता है। प्रत्यक्ष को प्रमाण की आवश्यकता नहीं होती। लोग सक्षम प्रशासक का कितना भी विरोध कर ले, लेकिन जब सवाल देश की अस्मिता का होता है तो सक्षम प्रशासक ही देशहित में कठोर से कठोर निर्णय लेने की क्षमता दिखाता है।

“हम वक्त की नजाकत को नजर अंदाज कर नहीं सकते।
लाख तूफान भी आए अब हम डर नहीं सकते।
भूगोल से खगोल तक परचम अब लहराएगा।
छप्पन इंची सीने वाला नया सवेरा लाएगा।”

जय हिंद जय अखंड भारत।



संस्कार शर्मा

टी. वाय.
कॉम्प्युटर



भ्रूण हत्या

“ फूल जैसी कोमल होती हैं बेटियाँ,
रिशतों में प्यार बढ़ाती हैं बेटियाँ,
परिवार में सुख लाती हैं बेटियाँ,
फिर भी क्यों मार दी जाती हैं बेटियाँ। ”

जन्म से पूर्व गर्भावस्था में ही लिंग परीक्षण और कन्या भ्रूण हत्या, जैसे अमानवीय कृत्य के बारे में सुनकर, पढ़कर तो यही प्रतीत होता है कि भारत में आज भी कई लोग मानसिक इलाज के मोहताज हैं। दुनिया में आने से पहले ही अजन्मी बेटी की हत्या करके हमारे राष्ट्रपिता के अहिंसा के सिद्धांतों पर चलना क्या हास्यास्पद नहीं है। वास्तव में इस आधुनिक तकनीक का उपयोग तो भ्रूण की शारीरिक और मानसिक विकृतियों का पता लगाने के लिए शुरू हुआ था। किन्तु हम आज इसका कितना दुरुपयोग कर रहे हैं यह सबके सामने है। विवाह के बाद गर्भकाल के दौरान लिंग परीक्षण हेतु दबाव बनाया जाता है ताकि पता लगाया जा सके कि गर्भ में बेटा है या बेटी। यदि बेटी हो तो गर्भपात करवा दिया जाए और सबसे ज्यादा आश्चर्य तो इस बात का है कि स्वयं उसकी माँ भी गर्दन झुकाकर ‘हाँ’ कह देती है।

आज हर माता - पिता चाहते हैं कि हमारे यहाँ बेटा ही हो क्योंकि वही तो हमारा वंश चलाएगा, बुढ़ापे में सेवा करेगा, मरने पर मुखाग्नि भी तो वही देगा, जिससे हमें स्वर्ग मिलेगा। इस मानसिकता के कारण लिंग परीक्षण करवाते हैं और भ्रूण हत्या को अंजाम देते हैं। इक्कीसवीं सदी में भ्रूण हत्या जैसा धिनौना कृत्य बढ़ता ही जा रहा है। आज हम विश्व में आगे बढ़ते जा रहे हैं।



परन्तु क्या ऐसा कार्य करके हम सचमुच उन्नति कर रहे हैं ? नहीं, हम तो अपने आपको पीछे करते जा रहे हैं। आज हमारी बेटी कल्पना चावला अंतरिक्ष पहुँची, मेरीकॉम 5 बार विश्व चैंपियन बनी, बछंद्री पाल हिमालय पर पहुँची फिर भी हम बेटी से इतनी नफरत क्यों करते हैं ? इतिहास गवाह है कि भारत में नारी ने द्रौपदी से लेकर दामिनी तक सिर्फ प्रताड़ना ही सही है।

किसी भी परीक्षा का परिणाम आता है तो यह सुनने को मिलता ही है कि लड़कियों ने लड़को से बाजी मार ली। फिर क्यों हम लड़की पैदा होने के पहले ही मार डालते हैं ?

हमें तो गर्व होना चाहिए कि हम एक बेटी के माता-पिता हैं।

भले ही शिशु के जन्म के पहले भ्रूण का लिंग परीक्षण करवाना गैर कानूनी है किन्तु सारे नियम, कायदे कानून को ताख पर रखकर यह कृत्य आज भी जारी है। आज कन्याओं के प्रति सकारात्मक सोच की जरूरत है। क्योंकि किसी भी कुरीति के खिलाफ खड़े होने के लिए विचारों की शक्ति की आवश्यकता होती है ना कि बंदूक या हथगोले की। राजाराम मोहन राय ने भी समाज में फैली कुरीतियों जड़ मूल से खत्म करने के लिए नारी जागरण का बिगुल बजाया, नारी शिक्षा की ज्योति जलाई सती प्रथा, बाल विवाह जैसी कुरीतियों को मिटाने के लिए स्त्री शिक्षा को सर्वोपरि स्थान दिया। उनके विचारों से देश में एक क्रांति का आगाज हुआ और अंततः परिणाम स्वरूप भारत में सती प्रथा खत्म हो गई। राजाराम मोहनराय की इस क्रांतिकारी सोच की वजह से नारी उत्पीड़न कम हुआ है।

किन्तु क्या समाज कुरीति, कुप्रथा और अंधविश्वास से मुक्त हो चुका है ? नहीं ! क्योंकि पुरानी कुरीति मिटाने में बरसों लग जाते हैं और तब तक नई कुरीति का जन्म हो जाता है। भारत में सती प्रथा तो रुक गई परन्तु व्यभिचार, बाल विवाह, दहेज प्रथा जैसी अनेक कुरीतियों पर आज भी कोई रोक - थाम नहीं है।

भारत जो अहिंसा का पुजारी माना जाता है, चींटी को मारना भी पाप की श्रेणी में आता है, नवरात्री में देवी मानकर कन्या पूजता है उसी देश की कई कन्याएं माँ की कोख में ही मार दी जाती है।

अंत में बस यही कहूँगा कि नारी समानता और सशक्तिकरण

का पक्षधर भारत देश क्या आजादी के 73 वर्षों के बाद भी नारी जिसने सामाजिक, आर्थिक, साहित्यिक विकास में कंधे से कंधा मिलाकर योगदान दिया उसे जन्म के पूर्व ही क्यों मार दिया जाता है ? उसे इस प्रकार की मानसिक यातना सहनी पड़ती है ? यह किसी विशेष वर्ग, जाति या समुदाय की नहीं बल्कि सारे देश की ज्वलन्त समस्या बन चुकी है जिसके जिम्मेदार हम सभी हैं और जिसके समाधान के लिए हमें हमारी मानसिकता और समाज की सोच बदलने की जरूरत है।



अंबुज मिश्रा

टी. वाय.
आय. टी.

परत

इस दुनिया में, सब कुछ और हर एक चीज परतों से बनी होती हैं। एक तो सतह हैं और दूसरी परत, इनका पता चल जाता है, जब आप उनके बारे में उन्हें जानने लगते हैं। मानवीय प्रकृति के बारे में कुछ भी पूर्ण नहीं हैं, लेकिन जैसे दो पूर्ण काले और सफेद रंग की सीमा के बीच भूरे रंग की परत अधिक होती हैं, वैसे ही कुछ एक में अधिक प्रभावी होते हैं और दूसरे में कम। चीजें और लोग, सब कुछ और हर कोई आपको आश्चर्यचकित कर सकता हैं। वे सतह पर सरल दिखाई दे सकते हैं लेकिन आपको मंत्रमुग्ध कर सकते हैं। एक तरह से, यह “ भानुमती का पिटारा “ जैसा हैं, जब तक पिटारा खुले नहीं तब तक क्या निकलेगा वो पता नहीं। जैसे एक बार जब आप किसी को जानते हैं, और जब वे आपके लिए खुलते हैं तो आप आश्चर्यचकित भी हो सकते हैं कि आप उनके बारे में क्या राय रखते थे और वे कैसे निकले।

सोशल मीडिया और संचार प्रौद्योगिकी क्रांति से पहले के समय में, लोग अपनी भावनाओं को दूसरों पर तब ही दांव पर लगाते थे जब एक बार उन्हें वास्तविक रूप से या पूर्ण रूप से जानलेते थे। उन लोगों के डिजिटल व्यक्तित्व की संभावना नहीं होती थी जो आज हमारे पास हैं। आज की तेजी से भागती दुनिया में तकनीक ने विश्व स्तर पर आज हमें करीब लाकर दुनिया को छोटा बना दिया हैं। लेकिन हमें यह याद रखने की जरूरत हैं कि यह हमारा डिजिटल व्यक्तित्व हैं, न कि यह और इसे वास्तविक लोगों के विपरीत, वांछित रूप में बनाया जा सकता हैं। किसी पर किसी की भावना को दांव लगाने में आज बहुत अधिक अनिश्चितता हैं और भावनात्मक बुद्धिमत्ता के माध्यम से ऐसा करने की आवश्यकता हैं।

आज पूरी दुनिया की जानकारी हमारे हाथ की हथेली में हैं, लेकिन फिर भी, हम पहले कभी इतना नहीं खोए थे जितना आज कल खोए हैं। सोशल मीडिया ने हमें पास लेकर भी दूर कर दिया हैं। हम काफी दूर तक पहुंच चुके हैं लेकिन अपना रास्ता खो कर और हमारे पास अभी भी एक लंबा रास्ता बाकी हैं तय करने को।

तेजी से आगे बढ़ने की इस दुनिया में, हमारे पास भरोसा करने के लिए या मूल्यांकन करने के लिए हमारे पास बहुत कम समय हैं। जैसा कि हम पीछे छूटने से डरते हैं और यह डर एक महान प्रेरक बन जाता हैं।

इसी तरह, हम खुद को एक बहुत ही खतरनाक स्थिति में रखते हैं और हमें इस बात के बारे में बुद्धिमान बनने की जरूरत हैं कि हम अपने भावनात्मक जुड़ाव का प्रबंधन उन लोगों के साथ करें जिनकी हम परवाह करते हैं, क्योंकि उनका भावनात्मक स्वास्थ्य हमें सीधे प्रभावित करेगा। यह दुनिया खूबसूरत होने के साथ-साथ डरावनी जगह भी हैं। लोगों को उनके बारे में पता होना चाहिए जिन्हें वो अपने जीवन में आने या उनकी जीवन से जुड़ने की सहमति दे रहे हैं, ताकि किसी दिन हम अपने जीवन में वापस देख सकें और मुस्कुरा सकें क्योंकि हम केवल अपनी याददाश्त और कल्पना को झेलते हैं। जैसा कि बोलो मार्ले द्वारा उद्धृत किया गया था, “हर कोई आपको चोट पहुंचाने वाला हैं, लेकिन आप यह तय करने जा रहे हैं कि आप किस के लिए पीड़ित होंगे”।



गौतम झा
टी. वाय.
आय. टी.



छठ पूजा लोक आस्था का पर्व



यह कहना अतिशयोक्ति नहीं होगा की छठ पूजा आस्था का महापर्व के साथ-साथ प्रकृति के सानिध्य का पर्व है। सभ्यता के क्रम में प्रारंभ से ही मानव का जुड़ाव प्रकृति से रहा है। विशेषकर ग्रहों और नक्षत्रों के साथ जिनका प्रभाव हमारे दैनिक जीवन पर स्पष्ट दिखता है। यही कारण है कि सूर्य हमारी लोक आस्था का केन्द्र बिंदू हैं। इस महापर्व की एक विशेषता यह भी है कि उपासना तो सूर्य की की जाती है अपितु, गाए जाने वाले लोक गीतों का केन्द्र बिंदू छठी मईया होती हैं अर्थात्, इस महापर्व में सूर्य जिसे देवरूप में परिकल्पना की गई है के साथ-साथ स्त्री शक्ति की भी पूजा की जाती है। सूर्य की पूजा इस बात का संकेत है कि हमें सूर्य की तरह ही ऊर्जावान होना है तथा ब्रह्मांड को संरक्षित करना है। हमारे उपनिषदों में कहा गया है “ तमसो मा ज्योतिर्गमय “ सूर्य की उपासना इसी मूल मंत्र का आधार है।

इस महापर्व की विशिष्टता प्रकृति से जुड़ाव होना है जिसमें आकाशीय पिंड सूर्य की पूजा किसी नदी, तालाब, सरोवर, या किसी जलाशय तट पर करना हमारे सृष्टि नियामक सतत गतिशीलता, ऊर्जाशील होने का द्योतक है।

इस महापर्व का भाव पद जितना सशक्त है, उतना ही मनोहारी है। इसका कला पक्ष लोक गीतों में पशु - पक्षी, फल - फूल तथा मानव जाती कल्याण मुख्य रूप से वर्णन इस पर्व का अलौकिक श्रृंगार हैं।

उदाहरण स्वरूप “उ जे केलवा...ओपर सुग्गा महाराए...” “उगी ना सूरज मल...” आदि यही कारण है कि इस पर्व की महत्ता हमारे लोक जीवन में इतनी गहरी है।

विशेषकर हिन्दी भाषी क्षेत्रों में मनाए जाने वाले इस पर्व का प्रसार अब हिन्दी भाषी क्षेत्रों से निकलकर भारत के अन्य क्षेत्रों में ही नहीं, अपितु विदेशों में भी है। अब यह पर्व मॉरीशस, अफ्रीका, अमेरिका, ब्रिटेन, आस्ट्रेलिया जैसे देशों में भी मनाया जा रहा है। अर्थात् यह पर्व उत्तरी गोलार्ध से दक्षिणी गोलार्ध तक मनाया जा रहा है।

इसकी इसी विशेषता के कारण इस पर्व को महापर्व की संज्ञा दी गई है।



अभिलाष कुमार

टी. वाय.
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राष्ट्र के नौजवान

कुछ दिन पहले, मैं एक लेख लिखने के लिए विषय के बारे में सोचकर सड़कों पर घूम रहा था। कई विचार मेरे दिमाग में आए, लेकिन उनमें से कोई भी इतना दिलचस्प नहीं था जितना मैं चाहता हूँ। वहाँ मैंने उसी उम्र के कुछ युवा लड़कों को देखा, वे सभी वहाँ धूम्रपान कर रहे थे और गपशप कर रहे थे। उनमें से कुछ मेरे दोस्त थे और उनमें से कुछ अज्ञात व्यक्ति थे। वहाँ मुझे हमारे राष्ट्र द्वारा सामना किए गए वर्तमान मुद्दों पर एक लेख लिखने का विचार मिला, इसलिए मैंने प्रमुख के बारे में लिखने का फैसला किया, जिसमें हम भी योगदान दे रहे हैं यानी हमारे राष्ट्र का युवा।

हम इस बात से अनभिज्ञ हैं कि हमारे राष्ट्र के प्रति हमारी क्या जिम्मेदारियाँ हैं, और हम अभी क्या कर रहे हैं। हम में से बहुत से लोग यहाँ और वहाँ घूमने, धूम्रपान, पीने आदि में अपना समय बर्बाद कर रहे हैं, एक सर्वेक्षण में यह पाया गया है कि भारत के कुल इंटरनेट उपयोगकर्ताओं में से ७६% ३५ वर्ष से कम आयु के हैं, और उनमें से ७०% अपने डेटा का ७०% अधिक खर्च करते हैं सोशल मीडिया पर सिर्फ अपना समय बर्बाद कर रहे हैं। यह सभी माता-पिता के लिए एक महत्वपूर्ण समस्या बन रही है और सबसे महत्वपूर्ण बात यह है कि राष्ट्र के लिए।

वास्तव में युवाओं का क्या मतलब है? युवाओं को उन लोगों के रूप में परिभाषित किया गया है जो राष्ट्रीय युवा नीति के तहत १५ से ३० आयु वर्ग के हैं। इस आयु समूह में २०११ की

जनगणना के अनुसार भारत की कुल जनसंख्या का २८% है। यूथ को एक राष्ट्र की रीढ़ के रूप में जाना जाता है लेकिन दुर्भाग्य से युवाओं ने दशकों से आजादी के बाद से उपेक्षित, मोहभंग और असभ्य महसूस किया है। युवाओं को आर्थिक रूप से मजबूत राष्ट्र के रूप में राष्ट्र के निर्माण का प्रमुख कारक माना जाता है। राष्ट्र की आशा और आकांक्षाओं को वास्तविकता में बदलने के लिए युवा महत्वपूर्ण भूमिका निभाता है। उन्हें जरूरत है कि कोई उन्हें दिशा, भागीदारी और जिम्मेदारी का एहसास दिलाए। परिवर्तन, नवाचार और विकास के लिए सभी जिम्मेदारियाँ युवाओं के कंधे पर हैं।



लेकिन दुर्भाग्य से, स्वतंत्रता की प्राप्ति के बाद आपके देश के युवाओं को खुद को साबित करने का कोई मौका नहीं मिला। जब तक युवाओं को योग्य कारण या कोई भी चुनौतीपूर्ण स्थिति नहीं दी जाती है जब तक वे अपनी सूक्ष्मता नहीं दिखाएंगे, हमेशा दिशा कम और असंतोष की भावना रहेगी। सैमुअल जॉनसन के अनुसार, “युवा पुरुषों में बूढ़े लोगों की तुलना में अधिक गुण हैं; उनके पास हर मामले में अधिक उदार भावनाएं हैं।” इसके साथ ही यह एक वास्तविक जीवन उदाहरण है कि हमारे युवा राष्ट्र में क्या योगदान दे सकते हैं, यह चीन के युवाओं के कारण है जिन्होंने महान सांस्कृतिक क्रांति को प्रभावित करके पूरे चीन को दुनिया की महान राजनीतिक और सैन्य शक्तियों में से एक में बदल दिया है। चीन के अलावा, ऐसे कई राष्ट्र हैं जो वहाँ के युवाओं के समर्थन के साथ हर पहलू में एक मजबूत राष्ट्र के रूप में परिवर्तित हो रहे हैं।

में से एक में बदल दिया है। चीन के अलावा, ऐसे कई राष्ट्र हैं जो वहाँ के युवाओं के समर्थन के साथ हर पहलू में एक मजबूत राष्ट्र के रूप में परिवर्तित हो रहे हैं।

एक दिन, हमारा भारत दुनिया के सबसे मजबूत राष्ट्रों में से एक बन सकता है, लेकिन अभी भी युवाओं की समस्याओं को हल करने के लिए और अधिक प्रयासों की आवश्यकता है। अपने देश के युवाओं को उचित अवसरों, रोजगार के लिए बहुत निराशा होती है। प्रमुख समस्या हमारी शिक्षा प्रणाली है जो युवाओं की आवश्यकताओं के प्रति गंभीर ध्यान नहीं देती है और इसलिए, उन्हें जीवन और कैरियर के लिए तैयार करने में विफल रहती है। लालफीताशाही, जातिवाद, जातिगत भेदभाव और आगे की समस्याएं उनकी हताशा को बढ़ाती हैं।

युवाओं को संलग्न करने का सबसे अच्छा तरीका सामुदायिक विकास कार्यक्रमों और राष्ट्र निर्माण में उनकी अधिक भागीदारी हो सकती है। भारत सरकार ने यह सुनिश्चित करने के लिए कई शिक्षा कार्यक्रम शुरू किए हैं कि देश में हर बच्चे को शिक्षा मिले। देश में युवाओं को सशक्त बनाने के इरादे से, सरकार ने बेटी बचाओ, बेटी पढ़ाओ जैसे कई कार्यक्रम शुरू किए हैं।

भारत अपने युवाओं पर ध्यान केंद्रित कर रहा है और विभिन्न पहलों और कार्यक्रमों के माध्यम से उन्हें सशक्त बनाता है, और हम सभी इसे सही दिशा में आगे बढ़ रहे हैं। भारत युवाओं की बुद्धिमत्ता के निर्माण और उन्हें मजबूत बनाने की दिशा में काम कर रहा है। हालाँकि, हम अपने लक्ष्यों को प्राप्त करने के लिए बहुत दूर हैं।



जय रावलानी

टी. वाय.
आय. टी.

उम्मीद का जीवन में महत्व

किसी महापुरुष ने बहुत ही सुन्दर लफ्जों में यह बातें कही है - “जानते है सब कुछ खो देने से भी बुरा क्या है ? वो उम्मीद खो देना जिसके भरोसे आप सब कुछ वापस पा सकते है।” पर में यहाँ एक सवाल पुरे जगत से करना चाहता हूँ की किस तरह की उम्मीद रखना लाजमी है ? क्या ऐसी चीज की उम्मीद रखने में समझदारी है जो शायद हमारे कठोर परिश्रम के बाद भी न मिल सके ? क्या ये विचार उचित है की मनुष्य की सारी उम्मीदें और ख्वाइशें पूरी नहीं होती ? यह कुछ चंद सवाल शायद आज के युवाओ की विचारधारा में भी वर्णित नहीं है। यह कुछ ऐसे सवाल है जो इंसान के जीने के तरीके और उसकी तक्रदीर दोनों पर एक बहुत ही गहरा प्रभाव डालते है।

संसार का हर जीव जंतु किसी न किसी कारणवश उम्मीद नामक दोस्त का हाथ थामकर रखता है। और अगर हमारी जिन्दगी को गौर से देखा और समझा जाये तो, हमे कई ऐसे उदाहरण मिल जाते है जहाँ समस्त जिव जंतु किसी न किसी चीज के लिए उम्मीद बांधे रखे हुए है।

इनके कुछ निम्नलिखित उदाहरण कुछ इस प्रकार है:- जैसे कि एक किसान अपनी फसलों के लिए उम्मीद लगाए बैठता है की शायद इस रोज बारिश बहुत अच्छी होगी ,और बहुत अच्छी पैदावार होगी जिससे खुशियों की लहरें उसके घर में दस्तक देंगी।

दूसरा, जब हम किसी से प्रेम के बंधन में बंधते है, तो हम अपने साथी से यह उम्मीद करते है की वह भी हमे उतना ही मान सम्मान दे जितना की हम उन्हें देते है इत्यादि।

पर सोचने वाली बात यह है की क्या वाकई में सारे मनुष्य उम्मीद पर खड़े उतरते है ? इसका बहुत ही सरल सा जवाब है, जो समस्त मनुष्यो एवं जीव जन्तुओ को ध्यान रखना जरूरी है। इसका जवाब कुछ इस प्रकार है : - मनुष्य सामने वाले की उम्मीद पर पूरी तरह से खड़े उतरने की भरसत प्रयत्न करते है। पर किसी कारण वश उन उम्मीदों को पूरा नहीं कर पाते और अंत में जाने अनजाने में अपने हृदय के करीब लोगो को निराश कर देते है। और इसके परिणाम स्वरुप रिश्तो में खटास आना लाजमी है।

तो क्या हमे उम्मीद रखनी छोड़ देनी चाहिए ? क्या हमे सब नियति के रचयिता पर छोड़ देना चाहिए ? जवाब है नहीं !!! बिलकुल नहीं। इंसान के जीवन में उम्मीद का उतना ही बड़ा महत्व है, जितना की सांस लेने के लिए हवा का महत्व है, हृष्ट-पुष्ट रहने के लिए अनाज का महत्व है। क्योंकि इंसान शायद अनाज के बगैर एक हफ्ता जिंदा रह सकता है, पानी के बगैर शायद एक दिन, हवा के बिना शायद एक घंटा, पर उम्मीद के बगैर इंसान एक पल भी जिंदा नहीं रह सकता।

उम्मीदें इंसान के जीवन का वह जरूरी स्रोत है जो इंसान के जीने की तमन्नाह को कायम रखता है। उसे हिम्मत देता है की कुछ बिगड़ा नहीं है ,अभी भी कुछ अच्छा हो सकता है। पर इस बात पर भी विशेष विचार करना अति आवश्यक है, की उम्मीद उन्ही चीजो की करना व्यक्तिगत दौर पर सही है, जो हमारे परिश्रम तथा हमारी नियति के प्रतिरूप प्राप्त हो सके और हमेशा इस बात की समझ होना बहुत जरूरी है की उम्मीद उतनी ही रखना सही है जो पूरी हो सके वरना अंत में सिर्फ निराशाओं और मन की अशांति का ही जीवन में वास होता है जिससे बाहर निकलना एक समुन्दर को पार करने जितना ही कठिन और कष्टदायी है।



नकुल अग्रवाल

टी. वाय.
कॉम्प्युटर



मानवता तो बाकी हैं !

हैं खड़े उस राह पर
जहा अंधेरा पनप रहा
सूर्यदेव का तेज देखने
मानव जो अब तड़प रहा

अज्ञातसा लगे शत्रू
दिखाई न दे जो अब
धैर्य कैसे रखे हम
घाव हो रहे हैं जब

डींगे हाँकी थी कभी
हमने महानता की
सूक्ष्मरूपने बता दिया
क्या सीमा मनुष्यता की

मानो हुआ गर्वहरण
मद तो भारी पड़ना था
मानव मानव लड़ लिए
अब और जीव से भिड़ना था

खूब निभाई यारियां
कई उड़ाए जाम
धूल जम गई आँखोपर
खुद लाए पैगाम

शायद ये हम भूल गए
और भी कोई साथी हैं
मानव बन जन्मे सही
पर मानवता तो बाकी हैं !



सिध्दार्थ महेश सातभाई

बी.टेक.
केमिकल



डर है

डर है जरा ।
कुछ होने को है ।
कुछ ख्वाब बुने हैं ।
कुछ नयी उम्मीद है ।
अफसोस भी है ।

एक अध्याय जो चला था अबतक ।
शायद खत्म होने को है ।
अभी पीछे मुड़कर देखूँ तो ।
इतने रंगीन थे दिन ।
दोस्तों ने कुछ रंग भरे ।
कुछ रंग गम के भी हैं ।
कई हिस्से खाली हैं ।
जिनमे मैं कल की तलाश में था ।
आज नहीं हूँ ।
दोस्तों के साथ बिताए पल याद ।
डर है कि ये यादें भूल ना जाऊँ ।
डर है कि उस रास्ते न बढ चलूँ कि कभी मिल ना पाऊँ ।
नए ख्वाबों के सहारे चलना जरूरी था ।
पन्ने पलटना जरूरी था ।
इसी दौड़ में कहीं खो जाऊँ ।
ये ख्वाहिश मेरी भी है ।
मगर वक्त इस कदर दयालु नहीं ।
और शायद ठीक ही है ।
जिनको छोड़ने का ख्वाब ना आया कभी
आज वो कुछ कदम के लिए साथ हैं ।



जिससे प्यार जिंदगी भर निभाना था ।
वो भी कहीं खो गया ।
यादों में साथ है ।
मगर अब हाथ नहीं पकड़ सकता ।
नाम जो आज इतना खास है ।
कल भुला दिया जायगा ।
दोस्त बुलाया करेंगे उनके साथ वक्त बिताने ।
वो बिताया गया वक्त धीरे-धीरे कम होता जायगा ।
आँख चुराना शुरू होगा ।
बातें बंद होंगी ।
डर है कि इस नए अध्याय में ।
पुरानी बातें नहीं होंगी ।
जिंदगी अब तक जैसी थी वैसी नहीं होगी ।



राजरतन मोरे

बैच २०२०
सिविल

“ वो सात तीस वाले दिन ”

इस भाग दौड़ भरी जिंदगी में
आज हम थोड़ा उल्टा चल लेते हैं।
आज की इन मुश्किलों को भूल तुम और मैं
उस बीती हुई उम्र को फिर से जी लेते हैं !

वो भी क्या दिन थे
रात को जल्दी सोना ,
तो सुबह क्लास में सात तीस पे होना !
आज किसके साथ है बैठना,
मन बोले- “ काश आज किसी का बर्थडे हो ना ” ,
क्लास में एक दूसरे को देखना, देखकर मुस्कुराना
तो कभी बहाना ढूँढ बात करने जाना,
टीचर पूछें तो उन्हें फिर कोई बहाना सुनाना
और पकड़े जाने पर साले बैठे हुए दोस्तों को क्यों है हमें
हंसाना ??



अब घंटी चाहे चौथी पीरियड की हो या ज़ीरो,
चेहरे पर मुस्कान तो दोनों लाती थीं !
खाना तो हम सब घर पर भी खाते थे
पर नजाने ये घंटी के बाद का खाना कुछ अलग ही भाता था।
शायद अपने साथ कुछ अलग सा स्वाद लाता था !

कभी अपने दोस्तों को चिढ़ाना
तो कभी खुद का दोस्तों के चिढ़ाने पर शर्माना !
इंतज़ार तो बहुत रहता था उन गर्मियों की छुट्टियों का,

पर फिर एक महीने बाद दुख भी अपने यारों को न देख पाने
का !
घर जाकर बातें तो रोज़ हो जाती थीं दिन से रात,
फिर भी असली मज़ा तो सात तीस पर मिलकर ही आता था!

कभी किसी दिन अपने यार का स्कूल न आना,
पर नजरो का उसे दिनभर ढूँढ़ना,

क्लास में उसके ना होने से पूरा दिन बोरिंग होना
फिर घर जाते ही उससे उसका कारण पूछना !
साल पर साल होते जाना और फिर नवीं में हमारा बिछड़
जाना,
बचपन से एक क्लास में होना फिर यूँ झटके से अलग -
अलग हो जाना।
बुरा लगा था, पर फिर से शुरू हो ही जाता है सात तीस पे
जाना !

अपन सबका समर कैम्प मैं जाना,
ट्रेन वालों को रातभर दसवीं क्लास का परिचय कराना !
कैम्प में हर पल अपने यारों के साथ बिताना,
क्योंकि हर कोई बोले अब बहुत हो गया सात तीस पे आना
और एक तीस पे बिछड़ जाना !
“ वो सात दिन उन सात साल वाले यारों के साथ
रहेंगे सातों जन्म हमारे दिल के पास ! ”

डॉक्टर था कुछ को बनना, तो कुछ को था इंजीनियर बनना,
कुछ दोस्तों का पढ़ने के लिए हमसे दूर जाना !
अब शुरू होता है जिंदगी का असली पड़ाव,
चीज़ों को हँस कर करने वालों को अब मुश्किलों से था
लड़ना
मुश्किल था वो पहला साल जहां सब लगे थे खोके अपना
हाल,
पर फिर पानी की तरह बह गया वो आखिरी साल !

अपना वो वालीबॉल खेलने जाना,
एक दूसरे के टिफिनो से बेशर्मी की तरह खाना,

हर जगह अपने सेक्शन की यूनिटी दिखाना,
अरे ! कैसे भूल सकते हैं हमारे सताने से टीचर का क्लास
छोड़ के जाना,
याद तो होगा ही उन्हें हमारा सताना ?

मजेदार था वो आखिरी साल,
टीचर भी थे अपन सब पर मेहरबान,
देखो यारों कैसा अनोखा है हमारा दिल,
पहले सात तीस पे जाने के कारण रोता था अब ना जा पाने के
लिए रोता है !

अपनी दुनिया थी एक दूजे के साथ,
बिछड़ने पे हो गया था सबका बुरा हाल !
समय बीता ...
तो पता चलने लगा कौन था कितना अपना यार,
कुछ नए दोस बनाये तो बहुत नकली दोस्त खोए,
अब फिर नहीं है हमको सात तीस पे जाना,
बचा है तो बस अपने सपनों को पाना !

तो क्या कहते हो यारों ..
इस भाग दौड़ भरी जिंदगी में
आज हम थोड़ा उल्टा चल लेते हैं,
आज की इन मुश्किलों को भूल तुम और मैं
उस बीती हुई उम्र को फिर से जी लेते हैं ??



संस्कार शर्मा
टी. वाय.
कॉम्प्युटर

मीलों दूर

जन्मभूमि त्याग चले थे
मात के प्यारे मीलों दूर ।
आशाएं साथ लिए,
अग्रज आशीर्वाद लिए, चले थे
भाग्य के मारे मीलों दूर ।
गृहस्थी यापन का भार लिए,
कर्मठ जीवन सार लिए,
चले थे सारे मीलों दूर ।
कर्मभूमि के कार्यक्षेत्र में,
अभी तो पांव जमे ही थे कि
ये कौन सी विपदा आन पड़ी ?
घड़ी-घड़ी , घड़ी निहारें,
घोर संकट में सबकी जान पड़ी ।
अरमान ओझल हुए, ख्वाब हुए चकना- चूर ।

उज्ज्वल जीवन ज्योत लिए
चले थे प्यारे मीलों दूर ।
बेकाम, बेजान लौट चले अब
घर में वास करने को ।
बिन भोजन- पानी तपती धूप में
मृत्युकाल से लड़ने को ।
पल - पल घटता जाए, आभापूर्ण चेहरे का नूर ।
पुनः खड़े हो राह निहारें,
गाँव अभी है मीलों दूर ।



अभिलाष कुमार
टी. वाय.
ई.एन.टी.सी.



खयाल हैं !!

कमियां भले हज़ार हैं
ईरादे बेमिसाल हैं,
आसमान पर है नजर
पर जमीं का भी खयाल है !!
ना देख मेरे हाल को
यार मेरे साथ हैं,
भले हो दूर सब
पर कंधे पर ये हाथ हैं !!
मां - बाप का प्यार है
किस चीज़ की अब दरकार है,
बाकी अपने हाथ में
ये जिंदगी का सार है !!
जब्बा लेकर साथ में
सीना ताने तैयार हैं,
देखना है, ये मुश्किल
कितना दम तेरे वार में !!

चल रही है दौड़ एक
पाने कुछ मुकाम हैं,
आसमान पर है नजर
पर जमीं का भी खयाल है !!



वरद खोत
बी.टेक
ई.एन.टी.सी.

साहस

जो वक्त बीत गया वो लौट के ना आएगा,
बुरे वक्त को याद कर बस तू पछताएगा ।
जब टूटा था तू तो साथ न कोई खड़ा था
उस समय भी तू अकेला ही लड़ा था ।
फिर से लड़खड़ाया तो क्या,
कोशिश कर, संभल जाएगा ।
तू अपने अंदर के आग को पहचान,
दिखा दे सब को, भर ले तूफान ।
वो वक्त बुरा था, जब तू नीचे गिरा ।
अब उठ पूरी हिम्मत से और पूरे कर अपने सपने,
क्यों संकोच करता हैं, यही तो हैं वक्रत तेरा ।
अरे ! यही तो मौका हैं कुछ कर दिखाने का,
जो हंस गए तुम पर, उनको असलियत समझाने का ।
जो आ कर गए काम तुम्हें, उनको अपनी हिम्मत दिखाने का ।
एक आजाद परिंदा हो तुम,
ये अवसर हैं खुल कर गगन में लहरा ने का ।
जो कभी बुना था ख्वाब तुमने,
उन ख्वाहिशों की बुलंदियों को छू जाने का ।



गौतम झा
टी. वाय.
आय. टी.

कुछ अजीब सा है...

आज कल हाल, कुछ अजीब सा है,
दिल ना जाने क्यूँ कुछ बेचेन सा है।
सब कुछ तो ठीक ही है,
पर फिर भी शायद कुछ अधूरा सा है।

वोह कहते हैं, अधूरा एक शब्द नहीं,
बल्कि २ है।
आधा और पूरा अलग अलग नहीं,
बल्कि उसके ही २ पहलू है।

आज ना जाने क्यों,
दिल फिर उस मोड़ पर आ खड़ा है।
शायद फिरसे इस मन को,
उन लम्हों को जीना है।



हा वहीं लम्हें,
जिनमें ज़िन्दगी इन ४ दीवारों की मोहताज नहीं थी,
टेक्स्ट कॉल्स और वीडियो कॉल्स के बजाय,
ज़िन्दगी असल में जी जाति थी।

जब बाते बस काम या बातचीत का जरिया नहीं हुआ करती
थी,
बल्कि ज़िन्दगी का एक हिस्सा हुआ करती थीं।
जब ज़िन्दगी स्क्रीन्स में सिमटी नहीं रहती थीं,
बल्कि उसके नखरों और खिलखिलाहटों के बीच,
ये जान खुल के उड़ा करती थीं।

जब २ रूहे,
वाईफाई कनेक्शन से नहीं,
बल्कि दिल की गहराइयों से जुड़ा करती थीं।

ये सब ना जाने क्यों अब,
कुछ अजीब सा लगा है।
दिल इन सब के बीच जीना,
कुछ भूल सा गया है।



रणदीप डे
टी. वाय.
आय. टी.

खामोशी कि आवाज़

रोज उस डूबते सूरज को देखती हूँ
मानो उस आफताब में खुद ही को निहारती हूँ
आकाश के लाखों रंगों में अपने सात रंग शामिल करते देख
खो जाती हूँ
और उसके जाते ही छाए अंधकार को महसूस भी करती हूँ
हां मैं रोज उस सूरज को डूबते देखती हूँ

चांदनी रात के बाद सुबह उसके शरारतों से उठ तो जाती हूँ
उसके हर बदलते मोड़ को मैं अपना मान लेती हूँ
ना हारा ना जीता हर हाल में उसे अपनी ही पथ पर अढल
पाती हूँ
बारिश में खुशी से मुस्कुराता देखती हूँ
हां मैं रोज उस सूरज को डूबते देखती हूँ

कल की कुछ आधी अधूरी कहानियों को पूरी करने की चाह
उसमें रोज देखती हूँ

कुछ नई हमदर्दियां कभी हमारे लिए तो कभी उसके दूँढती हूँ
उसका कोई अपना भी होगा क्या रोज यही सवाल मन में
लिए उसे अलविदा कहती हूँ
हां मैं रोज उस सूरज को डूबते देखती हूँ

अजीब तो है पर आदत हो गई है उसमें हम सब की परछाईं
दूँढती रहती हूँ
उसे रोज वहीं बादल वहीं अधेरों में से राह खोजते, मंजिल
के करीब आते तूफानों से लड़ने के हिम्मत खोते देखती हूँ
और इस थकान के बावजूद उसे शाम को हसते हसते यह
नीले दामन से बिछड़ते देखती हूँ
हां मैं रोज उस सूरज को डूबते देखती हूँ।



ईशा सुळ
टी. वाय.
आय. टी.



“ वो पापा है हमारे ”

जिन्होंने बचपन में हाथ पकड़ कर चलना सिखाया
वो पापा हैं हमारे,
जो बचपन में घोड़े बन हमें खिलाते
वो पापा हैं हमारे,
स्कूल छोड़ के खुद ऑफिस लेट हो जाते,
वो पापा हैं हमारे.
साईकिल पे हमें बिठाते और खुद पीछे भागते
वो पापा हैं हमारे
जो हमारी हर जिद पूरी करते
वो पापा हैं हमारे
नये कपड़े हमें दिलाने और खुद पुरानी शर्ट पहनकर जाते,
वो पापा हैं हमारे ।
रिजल्ट के लिए कभी ना चिल्लाते और फेल होने पर हौसला
बढ़ाते
वो पापा हैं हमारे
जो हमेशा हमारा साथ देते और हर मुश्किल में हमारी ढाल
बने रहते
वो पापा हैं हमारे ।
हमेशा हमें सही मार्ग दिखाते,
वो पापा हैं हमारे ।
भले कितना गुस्सा कर ले पर तुरंत प्यार से बेटा बुलाते,
वो पापा है हमारे ।
मम्मी की मार से हमें बचाते
वो पापा हैं हमारे ।
बच्चों के लिए खुद की खुशी भूल जाते,
वो पापा हैं हमारे ।



बहुत साथ दिया है आपने अब बारी है हमारी,
कभी ना कम करेंगे ये जिम्मेदारी हमारी,
बस हमेशा हमें ऐसे ही डाटते और प्यार करते रहना,
और सदा बनाए रखना आपका आशीर्वाद बस यही है मुझे
कहना ।



अंबुज मिश्रा
टी. वाय.
आय. टी.

मेरी माँ

माँ क्या होती हैं ?
हर घर की रौनक होती हैं ।
हर मर्ज के लिये दवा होती हैं ।
जीने की उम्मीद माँ होती हैं ।

माँ क्या होती हैं ?
हर दर्द में जो याद आती हैं ।
लब्बो पे जिसके दुवा रहती हैं ।
घर के खुशी की वजह माँ होती हैं ।

माँ क्या होती हैं ?
जग हैं अँधियारा ओ उगियारा हैं ।
बच्चो के जीने का ज़रिया होती हैं ।
हर गलती पर का पर्दा माँ होती हैं ।

माँ क्या होती हैं ?
हर खुली किताब का पन्ना होती हैं ।
मेरे हर सवाल का जवाब होती हैं ।
भिड़ में मेरी परछाई मेरी माँ होती हैं ।

माँ क्या होती हैं ?
भगवान का दूसरा रूप होती हैं ।
शहद जैसी मीठी उसकी बोली होती हैं ।
ममता का प्यारा फुल माँ होती हैं ।



माँ क्या होती हैं ?
माँ जिजाऊ जैसा जिसका साहस हो ।
अपने बच्चे के ऊपर जिसका आशीर्वाद हो ।
जो लब्बो में कभी बया ना हो ओ माँ होती ।

जन्नत का दूसरा नाम माँ होता हैं ।
पैरो में जिसके पूरा स्वर्ग रहता हैं ।
खुश किस्मत हैं दुनियावाले , माँ पाकर ।
क्योंकि मोहब्बत का दूसरा नाम माँ होता हैं ।



मोनिका साखरे
टी. वाय.
सिविल

हाल-ए-वतन

क्यों मज़हबी तमाशा, लिए बैठे हो ?
हर दफा, तुम यूँ ही ऐंठे हो ।
धर्म की बातें करते हो,
नेक कर्म की बातें करते हो ।
भूल गए ! इंसान हो तुम,
वक्त से भी, बलवान हो तुम ।
काल ग्रसित जन हैं बहुतेरे,
‘ किसी ’ ने त्यागे रात - सवेरे,
क्या कभी रक्षा की खातिर पूछा
“ कौन सा मज़हब तेरा है ? ”
क्या कभी विषम समय में,
‘ उन्होंने ’ तुमसे मुख फेरा है ?
निःस्वार्थ, चेतना की रक्षा में
धरा, अंबर से जोड़ा है ।
कार्य कुशलता और विवेक से
‘ काल घेरे ’ को पीछे छोड़ा है ।
ऐसे कर्मवीरों की दुर्बलता बन,
क्रौम को ना बहकाया कर ।
हर दफा, अधजल गगरी
यूँ ना छलकाया कर ।



अभिलाष कुमार
टी. वाय.
ई.एन.टी.सी.

शहीदों की कहानी

गोद में देख वीरों के शव,
फिर उसकी आँखें भर आई है ।
आज फिर भारत माँ के बेटों ने,
अपनी जान गँवाई है ।

फिर से हुआ घाव , सैकड़ों दिलों पर ।
और फिर कई माताओं का, आँचल सूना हो गया है ।

फिर से रो उठा मेरा देश,
ए खुदा, ये क्या सितम आया है ।
मेरा भारत माँ को उसके हो के ही,
खून ले रंगाया है ।



फुट फुट के रो रही हैं आँखें
जो देखती उनके लौटने के सपने ।
वो सपना आज तिरंगे में,
सदा सदा के लिये सो गया है ।
आज फिर किसी का पति, पिता, भाई और बेटा, जन्मत खो
गया है ।

हर नम आँख मे
एक ही सवाल है ।
कि आखिर क्यों, हैवान बन गया
ये इन्सान है ।
मिटाना है इस हैवान को
ये ख्याल हर दिल में जवान है ।

ए दुश्मन तेरे हर जुर्म का हिसाब
हायान हर समान दिल जवान
तुझे तेरे खून के कतरे कतरे से चुकाना है ।
तेरे नापाक इरादे को जड़ से मिटाना है ।
और अमन और शांति का परचम दुनिया में लहराना है ।



प्राची सखाहरि पाटील
टी. वाय.
कॉम्प्युटर

ये सच या वो सच ??

एक तरफ हैं, नयी शिक्षा का सुझाव, तोह
दूसरी तरफ बेरोजगारी का प्रभाव
जान ना सकु मै, ये सच या वो सच
एक बाजू मेंक इन इंडिया का नारा, दुजी
तरफ किसान भूक मरा
जान ना सकु मै, ये सच या वो सच
एक तरफ हैं नये कल की आशा, दूसरी तरफ
हैं क्या होगी कल की भाषा
जान ना सकु मै, ये सच या वो सच
एक तरफ हैं अवेरनेस का बवाल, दुजी तरफ
हैं मीडिया का बेहाल
जान ना सकु मै, ये सच या वो सच
एक बोले सवारंगा मै कल, पर वही बोले मै
हिंदू - तू मुसलमान क्या है इसका हल ?
कभी सोचता हू तो लगता हैं, वोट मेरी
ताकत या कमजोरी
एक बार चूनु तो पाच साल जी हुजुरी.
अंत में बस यही कहना; पितल पितल और
सोना सोना
ये अच्छा या बुरा बस एक बात का रोना, ये
सच या वो सच किसे पुचना ?



शंतनु पबितवार
टी. वाय.
मेकैनिकल

जिंदगी रेल के सफर सी हो गई है

जिंदगी रेल के सफर सी हो गई है।
डब्बे भर सा ये घर
कोच जितना ये कमरा,
मन बहलाने के लिए कुछ खा लिया, या पढ़ लिया।
नेटवर्क हो तो जिंदगी में कुछ हो,
वरना यूं ही खयालों में बह चलो।

जिंदगी रेल के सफर सी हो गई।
इस कोच में कुछ चेहरे हैं
जिन्हें देखकर तसल्ली होती है की जिंदा है।
वरना वीरानियां तो मानो
हर और से चीख रही है।
जिस सादे खाने के लिए माँ पे चिल्लाते थे।
आज वहीं दाल चावल भी मिल जाए तो संतोष से जी रहे हैं।

जिंदगी रेल के सफर सी हो गई है।
जिस आराम और सुकून की भूक पाले बैठे थे,
मानो उसने हात रख कर कह दिया हो .. तथास्तु !
वंडरलस्ट की बातें करने वाले
लस्ट का केवल वंडर कर रहे है।
और लव फॉर आइसोलेशन वाले अबंडंट सप्लाय से नाराज़
हैं।

जिंदगी रेल के सफर सी हो गई हैं।
सफर जिसकी ना मंजिल की खबर है
ना जिसमें किसी राहगीर का साथ,
सफर जिसमें दिन लंबे हो रहे हैं



और ख्वाहिशें छोटी।
सफर जो मर्जी से ना था
और अब मर्ज बनता जा रहा है।

जिंदगी रेल के सफर सी हो गई है।
बस ये खिड़की के बाहर
और हरी बनती दुनिया
जिसे देखकर उम्मीद बांधे बैठे हैं।
वरना जिंदगी तो जनाब
अब इम्तेहान हो गई है।



मेघना प्रिया
माजी विद्यार्थी
बी.ई. ई.एन .टी.सी

मानवता की खोज

मानवता की ढिंढोरे पीटने वालों में मानव ढूँढने निकला हूँ।
हृदय में उनके मैं, भगवान ढूँढने चला हूँ।
सुबह के वक्त सब्जी रोटी कूड़ेदानों में जाते देखा है।
उस कूड़ेदान में भी आज, थोड़ी दया ढूँढने निकला हूँ।
हैवानियत की एक टोली ने कुत्तों को मार डाला था,
उन हैवानों में भी आज मैं, इमानदार पशु तो ढूँढने चला हूँ।
खुद के ही आँखों के सामने, मैंने घात होते देखा है।
मन में मेरे खुद के मैं, अब इंसानियत ढूँढने लगा हूँ।
रास्ते की चौराहे पर, लड़की को चिखते उन्होंने देखा था,
उन राक्षसों की जाति में, जरा भाई ढूँढने चला हूँ।
जिस बाप ने अपने बेटे को, छोटे से बड़ा किया है
उसी बाप को उस नालायक ने मारा है,
तब उस नालायक में सिर्फ एक बेटा ही ढूँढने चला हूँ।
खोज मानवता की ऐसे कब तक चलेगी ?
कब तक एक मानव में ही, मानवता ढूँढनी पड़ेगी ?
कब तक यह हैवानियत का खेल चलते जायेगा ?
कब वह रावण जेल के अंदर जाएगा ?
कब एक मानव खुद में मानवता लायेगा ?
मानवता धुँडने का यह सफर कब तक चलते जाएगा ?
जीवन के इस कार्य में कब तक मानव में ही मानव ढूँढने पड़ेगा ?



त्रिवेणी सुरेश गायधने
एस.वाय.बी.टेक.
ई.एन .टी.सी.

माँ ने कहा था

कुछ पल में घर होंगे
फिर दादी के पास
छाँव होगी, खाना भी
माँ ने कहा पल में हम घर होंगे

मेरे पाँव दुखते हैं
आँख के आँसू सूखे हैं
पानी गले का जल गया
पर घर अभी तक नहीं आया

मैंने किसी को कहते सुना
कि मदद करने कोई आएगा
हम धूप में जलते रहे
यहाँ कोई नहीं आया

अब तो आँख खुली रखना कठिन हैं
और माँ कहती हैं हम कुछ पल में घर होंगे।



ना खाना हैं ना पानी
ना गाड़ी हैं ना शक्ति
हमारे पास कुछ नहीं हैं
हमारे पास कुछ नहीं हैं।

और माँ कहती हैं हम घर पहुँचेंगे
घर पेड़ों की छाँव में
दादी के साथ होंगे
माँ कहती हैं सब ठीक होगा

माँ भी रुठी हैं
माँ ने खाना नहीं खाया
माँ के हाथों में सारा बोझा हैं
वो चल नहीं पाती, गिरती हैं।

पर रुकती नहीं
मैं माँ जैसा बहादूर नहीं
ना उस जैसी शक्ति हैं
काश मैं भी भार उठा लेता
काश मैं माँ जैसा होता।

मेरे पैर सुन्न से हो गये
मैं और नहीं चल सकता
धूप बहुत यहाँ कोई नहीं पाव जलते मेरे
कोई सहारा नहीं

और माँ कहती हैं हम घर पहुँचेंगे.
घर वहा जहाँ छाँव होगी पानी और खाना भी

जहाँ धिक्कारा नहीं जाएगा
जहाँ रात को नींद मिलेगी और धूप में छाँव

माँ कहती हैं हम पहुँचेंगे
मगर मुझे उस पे यकीन नहीं
भूख से मेरा ध्यान हटाने वो कहानियाँ बुनती हैं
ये भी एक कहानी हैं।

काश की ये सच होता
काश हमारे पास खाना होता
काश की हम घर होते
काश हम अमीर होते, जो जीने का हक हमें भी होता।

काश की ये दौर ना आता
काश की ये देस वो होता,
जो कहानियों में मेरी माँ दिखाती थी
जहाँ हर कोई इन्सान हैं
जहाँ सभी को जीने का अधिकार हैं।

गैरों के बीच फँसे मत
भूखें हैं थके हैं
और माँ कहती हैं हम घर पहुँचेंगे।



राजरतन मोरे
बैच २०२०
सिविल

प्यार दर्द नहीं देता

प्यार दर्द नहीं देता,
दर्द तो वो रिस्ता देता हैं जो बिखर गया,
दर्द तो किसी अपने के जुदाई का होता हैं,
दर्द तो किसी क़रीबी के बिछड़ जाने का होता है,
किसी अपने के मुंह मोड़ जाने का होता हैं
और लोग कहते हैं की प्यार दर्द देता हैं

जो दर्द आप महसूस करते हैं
वो किसी के दूर जाने का दर्द हैं

वो तुम्हारे जज्बात के साथ किये गए खिलवाड़ का दर्द हैं,
वो दर्द हैं विश्वास के टूट जाने का,
वो दर्द हैं किसी से धोखा खाने का,

किसी और के गलती का इलज़ाम न दो,
ये चीज तो पाक हैं
इसे यूही बदनाम न करो,

प्रेम वो मरहम हैं
जो हर जख्म को भर देती हैं
ये एक एहसास हैं
जो रूठे हुये को मुस्कुराना सिखा सकती हैं,
प्रेम एक डोर हैं।
जो टूटे हुये रिशतो को जोड़ती हैं,
ये एक मुरझाये फूल को खिलना सिखा सकती हैं



कई रूप हैं प्रेम के इस संसार में,
ये अनमोल हैं बिकते नहीं बाजार में,
माँ की ममता में प्रेम हैं।
पिता की फटकार में प्रेम हैं
दोस्तों की गलियों में प्रेम हैं,
दादा - दादी की रोक टोक में प्रेम हैं,
भाई - बहन के छोटी मोती तकरार में प्रेम हैं
जरूरत के वक्त मदद को बड़े हाथ में प्रेम हैं।



गौतम झा
टी. वाय.
आय. टी.

॥ मिज़ाज ॥

थोड़ी गलत थोड़ी अलग
सारी खुद की मेहरबानी हो,
मिज़ाज है अपना, क्यों देखे
किसी और की कहानी को।

होगा दोषी,
या मनमौजी,
या हो समुंदर की नाव
जो मुकाम पे ना पहुँची।

होंगे चल रहे मन में
बवंडर कुछ अजीब से,
उठ रहा होगा भरोसा
तेरा अपने ही नसीब से।

लेके इन सब बातों को
एक खाई में तू छोड़ दे,
जो उठ रहे सवाल तुझपे
सारा दम उसपे झोंक दे।

मिलेगा द्वार कोई
ना आस जिसकी देखी हो,
तेरा अपना मिज़ाज सारा
शायद उस ताले के चाभी हो।



वरद खोत
बी.टेक
ई.एन.टी.सी.

एक आशा की किरण ...

बहुत प्रयास के बाद उसे गुफा में आशा की किरण दिखी,
ढूँढा तो रास्ता भी मिला
पता नहीं था की रास्ता मिलेगा या नहीं फिर भी उसने ढूँढा,
प्रयास किया
कभी आशा ना छोड़ी, ना खुद को कमजोर पड़ने दिया
आशा हो तो ऐसी की निराशा भी फिकी पड जाये
आशा की किरण ढूँढने निगलोगे तो एक दिन उसका स्रोत भी
मिल जायेगा
भगवान को धूँडने निकलोगे तो खुद ही में भगवान पाओगे
समंदर कि लहरों कि गहिरायों में जाके खुद ढूँढोगे तो खुद से
रुबरु हो ही जायोगे
रोशनी के तरफ बढ़ोगे तो अंधकार भी मिट जायेगा
एक दिन जीवन का मकसद भी तुझे समझ आएगा
आशा करो, दृढ़ निश्चय करो, उम्मीद रखो,
खुद से उम्मीद न रखने से क्या होगा ? निराशा ही मिलेगी;
उम्मीद रखने से तुझे तुम्हारे वजूद का अहसास तो होगा,
हार मिली तो भी तुझे प्रयास करने का समाधान मिलेगा
बारिश का पानी जैसे झरने से होकर नदी और फिर समंदर
तक जैसे मिल जाता है।



उसके हर स्तोत्र में पानी का अलग रूप निखरता हैं
हर इक पड़ाव अलग होता हैं
जीवन का भी ऐसा ही हैं
हर एक दिन कुछ नया खास लेकर ही आयेगा,
तुम्हें खुद के और करीब जरूर लाएगा
आशा करो की सब ठीक हो जाएगा, खुद से दोस्तों से प्यार
करो,
खुल के तुम्हें, रोना और खुदको कोसना छोड़ दो
और तुम सब कुछ कर लोगे, उम्मीद रखो



दिव्या कुंडले
टी. वाय.
आय. टी.

जिंदगी ...

कुछ लब्ज हमारे जिंदगी के लिए
जिंदगी वही जो जीना सिखाये,
हर कठिनाइयों को पार करके उभरना सिखाये,
जो आगे चल नहीं सकता उन्हें पहले टहलना सिखाये,
मुश्किल रास्तों पर अपनी दिशाओं को ढूँढना सिखाये,
इन बड़ी मंजिलों में ख्वाहिशें पाने का हौसला सिखाये,
खामोश सितारों को अपनी पहचान बनाना सिखाये,
उतरते मानव को सीढ़ी चढ़ना सिखाये,
अधूरी रही अभिलाषा को पूरा करना सिखाये,
खुशियों में मुस्कराहट बनकर संभलना सिखाये,
दुख में दुआ बनकर साथ सिमटना सिखाये,
जिंदगी वही जो जीना सिखाये,
जिंदगी वही जो जीना सिखाये।



सायली चौधरी
एस.वाय.
मेकॅनिकल

ख्वाइशें मुझसे कुछ कहने लगी

मेरी ख्वाइशें मुझसे कुछ कहने लगी,
मानो मेरी जिंदगी की सच्चाई बया करने लगी,
जब हौले हौले अपना होश सँभालने लगा मैं,
न जाने क्यों वह इस कदर मेरे विश्वास के साथ खिलवाड़
करने लगी,

मेरी ख्वाइशें मुझसे यह कहने लगी,
की मेरा आज मेरे कल की पहचान हैं,
पर न जाने क्यों अब उस कल पर सवाल उठने लगा हैं,
मन बेचैन और व्याकुल सा रहने लगा हैं,
न जाने क्यों मेरी ख्वाइशों ने मुझे इस दर्द का हिस्सेदार बनाया
हैं,

सोचता हूँ की अगर ख्वाइशें सिर्फ चुप चाप मन के दरवाजे
पर दस्तक देती,
तो न जाने मेरी जिंदगी ने कैसी कहानी से मुझे रुबरु कराया
होता,
सोचता हूँ की अगर ख्वाइशें मुझसे कुछ कह ना पाती,
तो शायद अपने दिल को उन कल्पनाओं के जाल में ही
उलझाकर रखता,

पर ये न कभी हो पाया हैं न कभी हो पाएगा,
ख्वाइशों की आवाजों से मेरा दिल हमेशा खुद को बेचैन
पाएगा,
जब तक मेरे जिस्म में सांस और दिल की धड़कने आबाद हैं,
तब तक मेरी खोयहीस मुझे मेरे आसुओं से रुबरु कराता रहेगा।



नकुल अग्रवाल
टी. वाय.
कॉम्प्यूटर

नियति

हार जीत तो जिंदगी के पहलू हैं
मुस्किले बरकरार रहेंगी
हिफाजत कर ले तू खुद की
कर ले लाख कोशिशें बचने की
जितना भागेगा उतना तुझे भगाएगी
डर का फंदा लटका गले में तुम्हारे तो
तुम्हारी ये पागल बहादुरी बस सबको रुलाएगी
कुछ पल रुक जा जरा सी हिम्मत कर
दुख व्याधि दूर, खुशी फिर तुम्हारे कदम चूमने आएगी
जीत ले लड़ाई एक बार खुद से
उसकी भेजी मुश्किल भी एक खेल बन जाएगी
खुद को कर बुलंद इतना
खुदा की मर्जी खुद तुझे तुम्हारी रजा पूछने आएगी



प्रतिक भांगे
एस. वाय.
मेकैनिकल

अन कही बातें

कुछ राज हैं दिल के खोलूँ क्या ?
तेरे कंधे पर सिर रख के रो लूँ क्या ?
इन आँखों से सब पढ़ लो ना,
मैं जुबान से आखिर बोलूँ क्या ?
ये कस्मे -वादे प्यार-वफ़ा जो तुम छोड़ चले, मैं ढो लूँ क्या ?
अभी कुछ देर अंधेरा हैं,
मैं साथ तुम्हारे हो लूँ क्या ?
उभर के कई रंग आएंगे,
कुछ ख्वाइशें आँखों में धोलूँ क्या ?
शायद कहीं लौट आए बचपन,
माँ तेरे गोद में सो लूँ क्या ?



सौम्या रासु
बी. ई.
कॉम्प्यूटर

अंतरिक्ष की भाषा

एक और एक मिल दो बने, एक और एक मिल बने ग्यारह,
पाई में दशमलवांक गिनते गिनते बज गए कितने बारह।
भिन्न अंकों को अपने पर ही रहता कितना घमंड,
उठापटक में कभी ऊपर कभी नीचे, होते ये उदंड।
काल्पनिक संख्याएं भी होती कितनी वास्तविक,
यादृच्छिक भी मान यहाँ, उत्तर होते यादृच्छिक।
हर प्रमेय, कथन के बनते यहाँ सूत्र,
गणितीय आगमन से जाँच लीजिए हर सूत्र।
चिन्हों और प्रतीकात्मक अक्षरों का होता यहाँ जमावड़ा,
छोटे छोटे फलनों का घातों ने काम बिगाड़ा।
ज्यामिति भी लेती है कितने करवट रंग रूप,
एक वृत्त के अंदर बसते सूक्ष्म कोण बहुत खूब।
अवकलन समाकलन करते जोड़ तोड़ साँठ गाँठ,
ई की घात एक्स तटस्थ, इसके होते बहुत ही ठाठ।
पानी जैसा द्विघातीय फलन, बहता ये निडर,
धनात्मक हो या ऋणात्मक, कर देता समान वर्ग।
बीजगणित में कितने रहस्य, सब चर संख्याओं का खेल,
जितने चर, उतने मूल, सब संगणनाओं का मेल।
संख्याओं की श्रंखलाएँ, करवाती अद्भुत अहसास,
जो सूत्र साबित हुआ है उस पर भी अनंत विरोधाभास।
अनंत ही इसके गुणधर्म अनूठे, इसका विस्तार अनंत,
अनंत यहाँ पर गूढ़ रहस्य, प्रवाह भी होती अनंत।
अंतरिक्ष की यह भाषा, जिसमें बतियाता विज्ञान,
अंकों की पहेली में उलझकर ही हो पायेगा ज्ञान।

जितेंद्र शर्मा

इलेक्ट्रॉनिक एवं कम्प्युनिकेशन
अभियांत्रिकी स्नातक

4

Cipher
Technical Section

Cipher | Technical
Section

Many times in our lives we are not able to comprehend the fact that what is happening around us. We cannot understand our problems and thus cannot find the solutions to them either. But in that adversity also we tend to survive and grow. Just like a cipher, we find the secret to success and then thrive on it.



Meet the

Team

TEACHER - INCHARGE
Vaishali A. Katkar



SECTION HEAD
Arnav Anand
T.Y. - Comp

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Charudatta Topare
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S.Y. - Comp.

Editorial

It is a matter of great pride to pen down a message for the technical section of AjaanVriksha 2021. AjaanVriksha 2021 the annual magazine of MIT Academy of Engg. is an amalgamation of year-long work of the young talented souls along with the blend of unique taste from each one who wholeheartedly contributed to this magazine. We are sure that the positive attitude, hard work, sustained efforts, and innovative ideas exhibited by our young buddies will surely stir the mind of the readers and take them to the surreal world of unalloyed joy and pleasure.

I wholeheartedly appreciate and express a deep sense of gratitude towards the entire team of the magazine. Orion the most conspicuous and recognizable constellation in the night sky, so the entire team of which contributes various articles, research, and project done by the students throughout the year.

The team of technical section comprising of Arnav Anand the team coordinator, Charudatta Topare, Shivaji Nawale, Om Tambe, Ranadeep Dey, Shubham Kotkar, Vaibhav Shinde, Piyush Jagdale and Vedant Dawange being the members of the Technical team has done an excellent job in bringing the colors to the magazine.



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Apple Self Driving Car

The Apple self-driving car is a major project in which Apple has been working over the year 2008. As per the sources, It is an electric car project which is codenamed as Titan. Apple Inc has launched several driverless cars till now. But in this project, they are actually working on self driving related hardware, software and service as a potential product instead of actual apple-branded cars. Apple has always been one of the major leading companies of the world. They are targeting 2024 to produce passenger vehicle that could include its own breakthrough battery technology. Central to Apple's strategy is a new battery design that could radically reduce the cost of batteries and increase the vehicle's range as per the design of battery. Making a Car is also a big challenge for Apple Inc, A company with deep pockets that makes hundreds of millions of electronics products each year with

parts from around the world. It took Elon Musk's Tesla 17 years before it finally turned a sustained profit making cars. It is still unclear who would assemble an apple-branded car, but sources have said they expect the company to rely on a manufacturing partner to build vehicles. And there is still a chance Apple will decide to reduce the scope of its efforts to an autonomous driving system that would be integrated with a car made by a traditional automaker, rather than the iPhone maker selling an Apple-branded car.

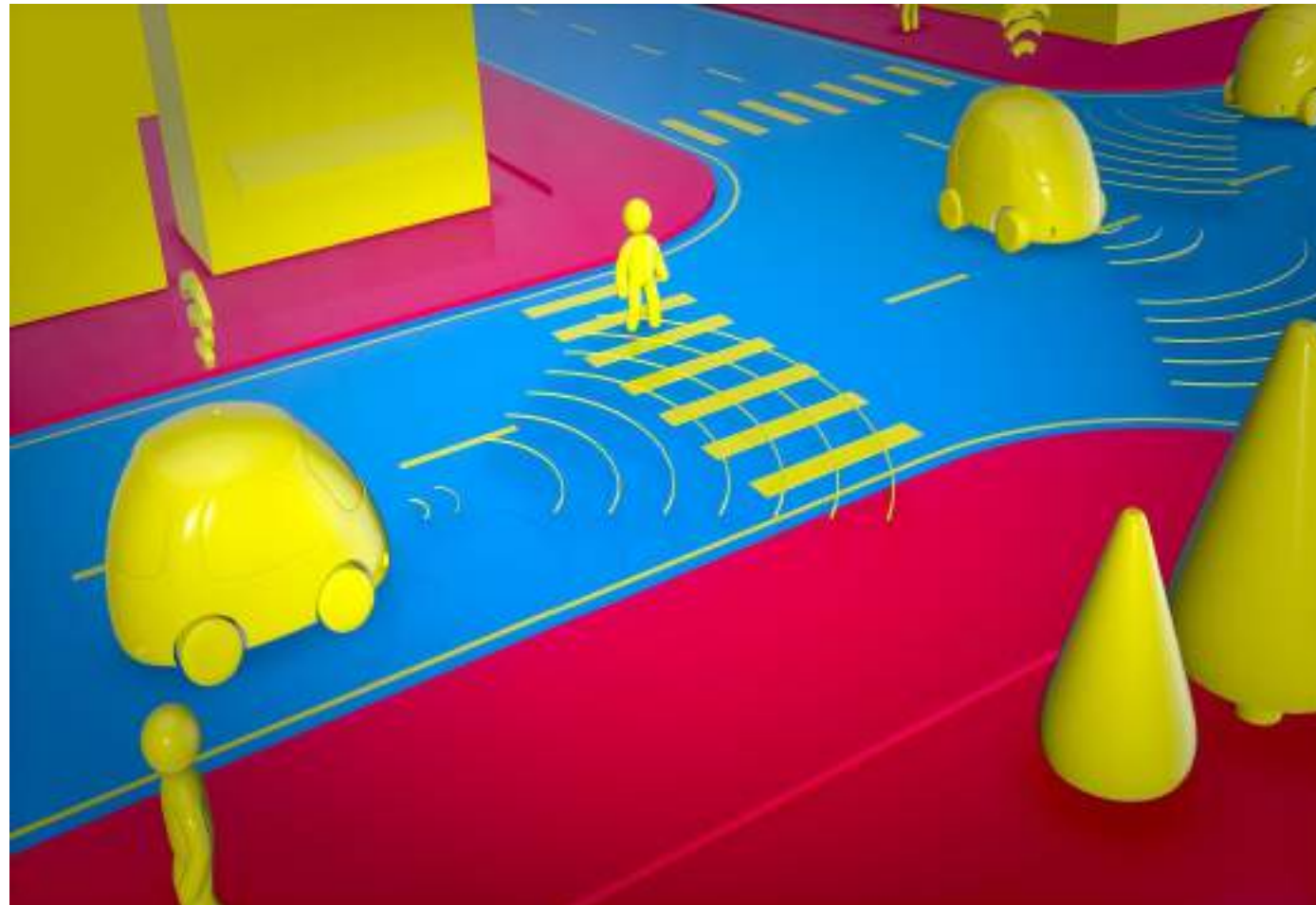
Apple had previously engaged Magna International Inc in talks about manufacturing a car, but the talks petered out as Apple's plans became unclear. Magna did not immediately respond to a request for comment. Apple has decided to tap outside partners for elements of the system, including lidar sensors, which help self-driving cars get a three-dimensional view of the road. Apple's car might feature multiple lidar sensors for scanning different distances.



Some sensors could be derived from Apple's internally developed lidar units. Reuters had previously reported that Apple had held talks with potential lidar suppliers, but it was also examining building its own sensor. As for the car's battery, Apple plans to use a unique "monocell" design that bulks up the individual cells in the battery and frees up space inside the battery pack by eliminating pouches and modules that hold battery materials. This is really challenging and next level technology for the world by one of the most leading companies in technology sector.



Anansh Gupta
T.Y. - Mechanical.



Video Steganography

We can hear the word 'Digital India' wherever we go. In today's world, almost everything is happening online through the internet and people are ditching papers. From doing payments to storing important documents nothing is being done in the physical form. The wallets in which people used to store money are getting smaller and thinner in order to just store cards.

The term Digital India came into existence around the time of demonetization as there was not enough money in the banks for the entire country and the government requested everyone to use digital money to make ends meet.

The cost of using the internet has also dropped down significantly since then. As a result of which more and more people are coming on the internet every day.

The amount of people being introduced on the internet is now directly proportional to the number of cybercrimes every day. As we know data is a very large part of the internet and stealing of the same is one of the most common cybercrimes in today's world.

There are different ways through which we can maintain the integrity and confidentiality of the data. One of which is steganography.

Steganography is a process in which we can embed the secret message to any multimedia file such as image, video, text, etc. When we talk about video steganography in specific we can embed a text, image, or audio file in a



video file so that the sender can send the data without compromising the integrity and confidentiality of the data. To embed the secret message the sender uses a convenient algorithm to embed the data into the video file and the receiver uses the same algorithm to extract the data out of the file. What the receiver actually does is that he is provided with something called a steganography key which is used to embed the data and only that key can extract the data which is secretly embedded.

There are many advantages of video steganography over other methods such as:

- The data is quite robust as it won't be destroyed even if the carrier file goes through the compression and decompression process.
- The amount of data that can be sent in one file is quite high.
- The data which is embedded in the cover file is almost undetectable.
- If the data gets detected it is very difficult to steal or destroy it.

There are basically two methods through which video steganography is achieved.

1. Spatial Domain Method:

As we know that the video file is nothing but the different images playing altogether and in this method, the data is embedded into one of those images. The data is stored in the pixels of the image. There is something called as a least significant bit (LSB) in every frame of the video file and the secret message is embedded into this least significant bit of the frame.

Since the message is embedded in the LSB there is no change visible in the frame which enhances the traceability criteria of this method. So this method is less complicated and very easy to implement.

There is only one disadvantage to this method as the message can be destroyed if the cover file is subjected to any kind of compression process.

1. Transform Domain Method:

In this method there are two ways through which the video steganography can be achieved the first is Discrete Cosine Transform (DCT) and the second one is Discrete Wavelet Transform (DWT). In DCT the image is first transformed from spatial domain to frequency domain. Once the image is transformed there are three kinds of frequency domains present in the image which are low, high, and middle. Embedding is done by just changing the DCT components. There is just one disadvantage of this method that it cannot embed much data but it is more secure. In DWT the image is decomposed into wavelet coefficients and the image gets divided into four sub-bands LL, HL, LH, and HH. LL is the sub-band in which the data is embedded. DCT is used more over the DWT method as it is more convenient.



Arnav Anand
T.Y. - Comp.

Drone: Innovation to Accuracy and Security

Drone initially a name of bee is given to object flying in the sky without humans present inside it. Based on the type of aerial platform used, there are 4 major types of drones Multi Rotor Drones, Fixed Wing Drones, Single Rotor Helicopter and Fixed Wing Hybrid VTOL. Initially drones were used for military purpose like bombarding and spy related activity only. But now it estimates that there is market of worth seven lack five thousand crores globally by 2020, more than thirty percent of which is not related to military activities. In 2014, Government of India imposed a ban on the use of many civil and commercial drones. This law comes after a Mumbai based Pizzeria tried to use an unmanned vehicle to air-drop pizzas in its destination. This led to downfall of drone industry in India but china has grabbed this opportunity and now china is leading manufacturer of drone. After four years the government has given green signal to use of commercial drones and also reduce import duties on drones. But still there are many restrictions to fly the drone and require permission to fly the drone.

Now a day's, we have seen that drones can be used in corona virus pandemic on large scale. Government of Telangana, Andhra Pradesh and Maharashtra are looking to include drones in their network of individuals for transportation of medicine, blood requirement, organs, food products and other medical needs to needy person. Because of its fast transportation of essential medical products can be seen and it

can also reduce the contact between individuals. Drones can prove to be economically viable and safe for medicine delivery also. Many firms have started drone delivery to allow Indian drone startups connect with local authorities, that stimulate startups and looking for solutions. Colleges, schools, Universities and local technology clusters are already making local start-ups according to Inc42 Data Labs. India has more than 45 drone start-ups operating with increasing opportunities for growth and innovation. Huge number of students and industrial experts are involved in their programs. Till now, Indian drone start-ups have demonstrated their ability to detect mosquito breeding grounds to help eradicate blood-borne illnesses, assist city planners in searching urban environments with money saving nature and precision and even deliver fast food to local communities in a safe and reliable way. A regulatory environment that enables and supports safe and trustworthy use of drone is important for the successful growth of a drone industry in India. While sometimes regulatory body can also cause increase in barrier to drone industry, the Directorate General of Civil Aviation (DGCA) is working with the industry to solve problems in drone industry. In May 2019, the DGCA released some guidelines in which there was an invitation for collaboration on Beyond Visual Line of Sight (BVLOS) drone technologies often seen as the Holy Grail of drone operations. While many countries have tried such experimental programmes, India's approach is different from others in its framework for collaboration as a consortium, which brought internal and external experts together and enables data sharing in a cohesive way.



Ex- AUS, the first Indian company to develop professional drone solutions for enterprises, is a start-up that originated from IIT Kanpur in the year 2013 and presently headquartered in Bangalore, the technology hub of the country. During the last 5 years of its existence, drones manufactured at AUS are constantly setting world-class technology milestones because of the continuous efforts on Drone Intelligence, Hardware optimization and design innovations. Having served as key players across various verticals both for the private and government sectors, AUS is already the leading producer of commercial drones in India. The AUS is backed by many of the most reputed firms and individuals like GrowX, 500 Startups, StartupXseed, 3one4 capital, Valpro, Mr. Ashok Atluri (Zen technologies) and Mr. Sanjay Jesrani (GoNorth ventures).

Hence drones are not only useful in corona crisis but there are lots of benefits of using drones in different sector. Drones have a wide variety of uses, with this technology representing the future for many industries. In future drone can be largely seen in retail services and companies like Amazon and Walmart started this on small scale.

As due to it door to door transportation became easy. Drones are also having huge contribution in the transport industry, with this technique there is assumption of \$13 billion worth of human labour and business services can be replaced by 2025. Many companies exploring this technology, such as ehang corporation of china, and Volocopter, who will be training two sitters in drone in dubai. Other than service providing to offering practical applications, these drones are also being invested in as a form of entertainment.

The broadcasting giant Sky recently announced a 1 million dollars in different drone related events. Drones are already being used in the agricultural industry to help monitor vast farmlands, analysing soil samples, and even area herded by cattle. Unwanted mining of sands from river is also monitored with drone. The uses of drones in agriculture could expand even more in the future, with researchers currently working on insect-sized drones in Japan. These tiny drones would be used to pollinate plants, using horse hairs and a sticky ionic gel to move pollen between flowers. They are also used for monitoring in valley regions whether some illegal activity is going on or not.



These drones have not only just started to be used in search and rescue missions, till now they have helped to save more than 60 people from life-threatening situations, according to DJI, the world's leading manufacturer of UAVs. While the use of drones for defence purposes in the military is well-known, tech company Sunflower Labs in the UK are also bringing drones into the home security market, with the company currently beta testing their security to protect the houses of individuals. Drones also hold great potential in the construction industry, with the market for this technology worth in excess of \$11 billion in the future. One innovation, which is being developed at Imperial College London, is the creation of drones which are equipped with 3D printers.

This remote-controlled equipment will be able to construct and repair buildings by printing materials as they fly.



Fardeen Khan
T.Y. - Comp.

CRYPTOCURRENCY: The real underdog

Well for the people who don't know what crypto currency is, the best way to describe it will be to label it as a normal currency which is created and managed through the use of advanced encryption techniques known as cryptography and hence the name "CRYPTO" currency. In 2009 one such entity came into picture known as "BITCOIN". Back in the day and this is just 10 years ago that people were absolutely sure of the fact that something like Bitcoin will never be able to survive the market, but little did they know that just 4 years later it would have sported a market value of over \$2 billion with each bitcoin costing \$266.

Teleporting back to the present date if we have a look at the present situation it is revolving around the \$35,000 mark for a single platform, that is quite an astonishing growth considering it was titled "unreliable" and "bizarre" by certain investors. It is very interesting that the until 2020 Bitcoin was not even priced at half of what it is today, when the economy shut down due to the on going pandemic and subsequent government policies around the globe struck the big investors quite hard and they turned towards Bitcoin at the start of January 2020 it costed around \$ 7,000 per bitcoin but by the end of the month of November it had reached up there with a whopping value of \$ 18000 per bitcoin and then we started 2021 by witnessing bitcoin standing there at its peak value ever exchanging hands at \$41,528 .



Well if you are wondering why people are so attracted towards this virtual currency the reason behind it is more psychological, as a huge number of prominent personalities nowadays are starting to tweet and speak up about their investments in Bitcoin and other cryptocurrency, notably the infamous industrial designer and Engineer Elon Musk with a net worth of around \$ 200 billion, the CEO and founder of Tesla Inc. recently tweeted about a particular currency called "DogeCoin" which is actually a very interesting topic in itself as it features a meme as its logo and by the way if you are wondering which meme it is, the dogecoin features the face of the Shiba Inu dog.

There are number of crypto currencies to dig into if you feel like you want to enter this exciting world of finance, as recent as of the Month of February another cryotocurrency known by the name of etherium has reached its all-time high of \$1,680, so if you want to start with the world of trading and finance you might want to start a bit early because the faster you enter the more experience you will gain.



Gourav C
T.Y. - Comp.

Cyber Safety

You might be safe from coronavirus at this moment, but are you safe on the internet? This is a serious question which we all should ask ourselves once in a while. Now why is being safe on the internet a concern? It is because today all the significant information about a person can be found on the internet by anyone from anywhere around the world. Being safe on the internet has become difficult. Internet is a huge network of servers and routers from all around the world through which one can share data easily in a short period of time. A great example for this is: how much time does it take for you to login to Facebook or Instagram? A couple of seconds, I think. Now this information about your social media account is sent to you from the server which is too far away from you, probably from the USA or Europe.

Now, the data which is sent all the way from a different country to your country is safely travelling along its way or not? Maybe yes or maybe no. Why so? It is because whatever you send or receive on the internet can be intercepted by someone. In technical terms, an attacker (hacker) can sniff your data packets. But what will a hacker do by sniffing your data packets? A hacker can simply get your account credentials even if it is in the encrypted form.

This is why all the websites want you to set a strong password of minimum 8 characters including capital and small letters, numbers, special characters to create an account.

This will make it very difficult for the hacker to understand your password even after applying some password tracking techniques such as a brute-force attack. According to a report of the year 2020, most common passwords set by people are '123456', 'password' and 'iloveyou'.





Mostly if these hackers manage to hack into servers of companies, they steal their data and put it up for sale on the dark web for huge money. A recent case for this is the “Zoom Meeting App Data Breach” of 2020. Now is there any way to check if your account details are up on sale on the dark web? So, the answer is yes. To check if your email account details or any of your passwords are available on the internet, visit <https://haveibeenpwned.com/>. Another website to check about the availability of your email, passwords or even phone numbers on the internet or on the dark web is <https://amibreached.com/>. These websites are free to use and are quite useful. So, now I'll suggest you some of the best security practices you can follow:

- Set strong passwords
- Don't save passwords on your browser
- Use a licenced antivirus software
- Don't open spam mails or click on the links inside them
- Don't click on the links which are sent by unknown people on emails or SMS or even on WhatsApp or any other messaging service.
- Don't install any apps which are not trusted

So yeah in the end, don't forget to visit the above mentioned websites after reading this article and change your passwords immediately if you find that they are breached.



Joel Eldoe
T.Y. - Comp.

Eco bricks: A proxy for landfills

Firstly just have a glance around your surrounding and take a note for the amount of plastic made items you observe. Now think where these products are dumped after their complete usage. The first thing that comes to mind is landfill all the waste is going to be dumped in landfills and this concept of landfills is carried out for years. Now many alternatives were being made over the years to control of these plastic-family waste. Now the best method is to reduce the plastic at home itself although you cannot achieve complete reduction but still 90-85 percent can be achieved. The remaining can be used for Eco-bricks . Now actually explaining the term “ECO BRICKS”. Eco bricks are plastic bottles or plastics containers which have stuffed non recyclable plastic bags or any plastic product which can be easily stuffed inside a bottle or container.

Now why eco bricks ? . Eco bricks are the most easiest way for reducing waste at the source of waste generation itself. An individual just need to have a bottle or a container and some plastic waste products that can be easily feed inside the bottle / container. Usually it takes 15 min to make one brick but saves around couple of weeks if we follow the general procedure of dumping plastics into land fills. The main thing which comes in mind what after making of eco brick, what to do with that? The very next step you can use it for various purposes like making of decorative items like benches, chairs or slides for playground.



According to survey thousands of eco bricks are being used for a creation of parks at large scale and are best alternative for conventional bricks or cements used in parks. Just give a thought one of the best solution for reducing and recycling plastic waste.



Piyush Jagdale
T.Y. - Mechancal.

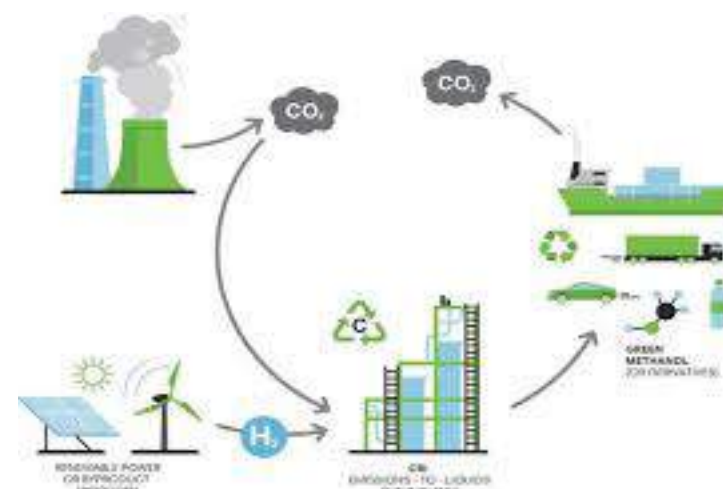
Methanol from CO₂

Demand of gasoline and diesel is rising in India due to increase in vehicles and industries. Around 9000cr liters of gasoline and 2900cr liters of diesel is required in India every year. All of these crude derivatives are imported in India which always act as burden on economy. This cost estimates about 7.5 lac cr per year which make our balance of trade negative. According to deutsche bank report India will be 3rd largest economy from 2030 and demand will increase more. Even the use of crude derivative also produce high amount of toxic gases which increase pollution. India is also facing problem of global warming, climate change, pollution and greenhouse gas effect due to high quantities of CO₂ in atmosphere. According to Energy research institute of university of Chicago, India is second most polluted country in world and life expectancy of Indian is reduced at an average of 5.2 years. United Nations environment summit of Paris declare 14 Indian cities in category of 15 most polluted global cities. According to national pollution agencies about 33% of total air pollution is caused by use of crude derivatives.

In this way for this dual problem methanol can be solution. Methanol (CH₃OH) is a single carbon compound which is produced from coal and natural gas (i.e. products which are capable of producing Syngas). As it can produce from CO₂ and biomass it comes in category of renewable fuels. Methanol is an efficient fuel has octane number 100 and emits very lesser NO_x and Particulate matter (PM) than gasoline and produces no SO_x.

It can be blended (or be completely substituted) with gasoline to use as a transport fuel along with other applications. Roughly 45% of the world's methanol is used in energy related applications. Methanol can be used as a type of vehicle fuel or marine fuel for boats. It can also be blended into gasoline to produce an efficient fuel known as methyl tertiary butyl ether (MTBE) which can have lower emissions than conventional gasoline. Methanol also is used in biodiesel, a bio fuel made from plants or animal fats that can be used in place of conventional fuel. Other than this methanol is also used in production of formaldehyde which is one of most important product in polymer industry and acetic acid use in vinegars. Methyl amine, methyl halide, methyl ether and methyl esters are also produced from methanol. Demand of methanol has also risen because of growth of polymer industry.

If we compare hydrogen fuel with methanol, the hydrogen fuel is refer as most clean fuel due to its zero toxic emissions but it faces serious issues regarding production, storage and transportation. But if we see in case of methanol the production, storage and transportation is very simpler compared to hydrogen fuel. Even the 1 liter liquid methanol consist more hydrogen than 1litre pure cryogenically stored hydrogen. The price of methanol is very less than hydrogen fuel. In case of ethanol, it is less corrosive, less toxic and contains more energy per galloons of gasoline (about 75% than methanol 67%) but it is expensive than methanol, more easier production and even the exhaust emission in methanol blending are very lower than ethanol.

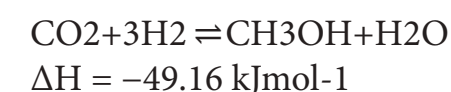


Here CO₂ is extracted from any industrial flue gas by carbon capture technology and hydrogen from electrolysis. This are then react with each other to gave methanol. This method reduces concentration of CO₂ from atmosphere and it is most cheap and fast method for production. Its buy product methanol act as renewable fuel which can reduce import cost. Here reaction followed is:- $\text{CO}_2 + 3\text{H}_2 \rightleftharpoons \text{CH}_3\text{OH} + \text{H}_2\text{O}$.

Production of methanol from CO₂ will be very beneficial for environment. Now this process is not only limited to laboratory scale. There are some industrial plants which converts CO₂ into methanol. One of such Industrial plant doing this process on large scale is CRI (carbon recycling International) plant of Iceland. It has operated the industrial scale direct conversion of CO₂ to renewable methanol since 2012. The plant is named in honor of the Nobel Prize laureate George Olah and has a capacity of 4,000 tons per annum of methanol. The CO₂ is extracted and purified from the flue gases of the nearby geothermal power plant, while the hydrogen required for the production is generated by alkaline water electrolysis using Iceland's entirely renewable grid electricity.

The renewable facility is expected to produce about five million litres of renewable methanol per annum, which is sufficient to meet about 2.5% of the total gasoline market in Iceland. CRI's methanol plant consumes less energy than conventional processes, and produces pure methanol at comparable cost. In this plant conversion process is found less expensive and faster.

The process involve following reaction:-



Whereas the conventional process which use coal and natural gas is more exothermic having $\Delta H = -90 \text{ KJ/mol}$. In exothermic process like this removal of heat is required, as high temprature in reactor can cause sintering of catalyst and loss of process control also. But in CO₂ based plant it is less likely to occur due to less reactive reaction and less exothermic nature. In case of conventional process we require boiling water reactor (BWR) which are expensive and complex but in this case we use tube cooled reactors, due to less exothermic nature of reaction. So here single tube cooled reactor is enough for this process. In this reactors there are multiple tubes for supporting catalyst. Second most important point is by product fromation. In conventional process using long chain hydrocarbon (coal or natural gas) there is large number of byproducts formation like high level alcohols and ketones, so in conventional process due to this there are large number of fractionating columns are required for distillation.

Here we have single column separation by stripping operation (separation of liquid by using carrier gas).

This process is proved less costly and less energy consuming also but this has one major disadvantage regarding catalyst action. Due to less reactive nature of reaction high amount of catalyst are required for this. Presently used catalyst Cu/ZnO are giving very less yield, the catalyst like Pt/Pd are giving high yield but are very expensive and there is work going on other catalyst like Fe/Co/Ni and many other catalyst.

Till now China has done its 9% of its transportation on methanol. Recently Italy adopted M15 program (15% methanol blending with gasoline), Japan and South Korea are fast moving towards M85 and M100. To reduce toxic emission and energy dependant nature Australia has adopted GEM (gasoline, ethanol and methanol) feature which constitutes about 56% of methanol. Recently UK has set a target of zero toxic emission till 2030 under which gasoline and diesel will completely be removed from UK markets under which government will give extra subsidy for renewable methanol production.

The union government of India sees methanol with a different approach. On 5 June 2018 union cabinet minister Nitin Gadkari launched a new program named methanol economy. Under this India will produce 20 MMT of methanol per year from 2025 to make it available at Rs 19 per liter (current price Rs 28 per liter), production of methanol was 2 MMT per annum in 2018.

Basic aim of this mission is to reduce crude imports by 10% till 2022 and 30% till 2030, to reduce greenhouse emissions and to create employment in methanol plants. India has huge potential to produce methanol. Production of methanol in China is mostly done using high ash coal. If we compare ash content of coal in China and India it is almost the same. Even this high ash content coal is not used in thermal power plants and acts as waste. Under Indian Methanol Economy program 5 methanol plants based on high ash coal and one plant on natural gas are going to be built and 3 boats and 7 cargo vessels are being built by Cochin Shipyard Limited for Inland Waterways Authority of India to use Methanol as a marine fuel for inland waterways program. India also produces large amount of bio waste in farms and in homes about 500 million tons per year which can be used in this program and can become additional income to farmers. Other than this India is also looking forward to accept new technologies which convert methanol from CO₂.



Shivaji Nawale
S.Y. - Chemical

NavIC technology

Indian space research organization (ISRO), the national space agency of India, is one of the six government space agencies in the world which possess full launch capabilities, deploy cryogenic engines, launch extraterrestrial missions and operate a large number of artificial satellites. We are aware of various impossible missions like the Mars mission and Chandrayan 1 which were carried out successfully by ISRO making it the 5th best agency in the world. It is not surprising that ISRO is innovative and has

various future plans which would soon be witnessed by the whole world in the coming few years. One such system designed by ISRO recently this year is NavIC technology. NavIC navigation with Indian constellations, which is a regional geo-positioning system designed in India by ISRO. It aims to provide the most accurate and precise location service to the users of technology. It is powered by eight IRNSS (independent regional navigation satellite system) satellites, of which one will provide messaging services. NavIC will provide two types of services-standard positioning services (SPS) which is provided to all users and restricted service (RS), which is an encrypted service provided only to authorized users.

NavIC enhancement will improve user experience for location based applications, and will enhance location tracking in dense urban environments. So with the help of NavIC, it will be easier to locate the way around dense areas and will not lack in navigation like that of USA based geo positioning system.



Due to this, it enables more accurate location performance, faster time to first fix (TTFF) position acquisition, and improved quality of location-based services. NavIC will be very helpful for terrestrial navigation aid for hikers and travelers, fleet management for business, voice navigation for drivers, aerial and marine navigation, disaster management, and many more areas. So, NavIC will help the loopholes created by GPS and it will have a position accuracy better than 20 meters in the primary service area. Soon, NavIC will be a smartphone feature and will reach end-users as a geo-mapping feature within their smartphone chips. American chipmakers like Qualcomm had also planned that three of its Snapdragon chipsets- 720G, 662, and 460 will support NavIC. In short, IRNSS's NavIC is a regional GPS system operational in India and its neighbor's satellite navigation technology is very useful in today's time. IRNSS's NavIC can be great worth to India would not be dependant on anyone else for GPS technology.



Vedant Ghodki
S.Y. - Mechanical

Industry 4.0

As we are in stuck in the current pandemic of Covid-19 yet some of the industries were not affected which are IT sectors and Medical field. How ever there was great loss for Manufacturing sectors as most of the sectors were not in automation phase or there was some of the involvement of the human on the site. Now you might be thinking how Industry 4.0 would be related to this or how would it bring change to the old manufacturing sector. So, Industry 4.0 is the trend in automation and data exchange in manufacturing sector. Here there is involvement of the Internet of things in Manufacturing sector, yet not all the processes of manufacturing sectors can be automated but 80 to 70 % of this can be achieved. While Industry 4.0 is still evolving and we might not have the complete picture until we look back 30 years from now, companies who are adopting the technologies realize Industry 4.0's potential. These same companies are also grappling with how to upskill their current workforce to take on new work responsibilities made possible by Internet 4.0 and to recruit new employees with the right skills.

Industry 4.0 has been greatly influencing people's daily life in every aspect, from shopping to dining, from working to entertaining, etc. It is changing people's life styles and living behaviors, even thinking and mindset. Industry 4.0 has brought a revolutionary impact to manufacturing systems and services, as well as supply chains. In the environment of Industry 4.0, factories are smart, products are smart, and customers are demanding for being all round served with great satisfaction.



Enterprises and businesses are digitalized, profitable and sustainable. Manufacturing systems and services are real time capable, interoperable, modular, decentralized, virtualized, and service oriented. Supply Chains are fully visible, connected and integrated. In short we are making machines smarter enough so that we don't need to look on to it every now and then. Yet some changes have been witnessed while adopting Industry 4.0 There was loss of jobs or to be more clear there was requirement for a particular skill sets yet these are one of the skilled labour we can say.



Vedant Kulkarni
T.Y. - Mechanical



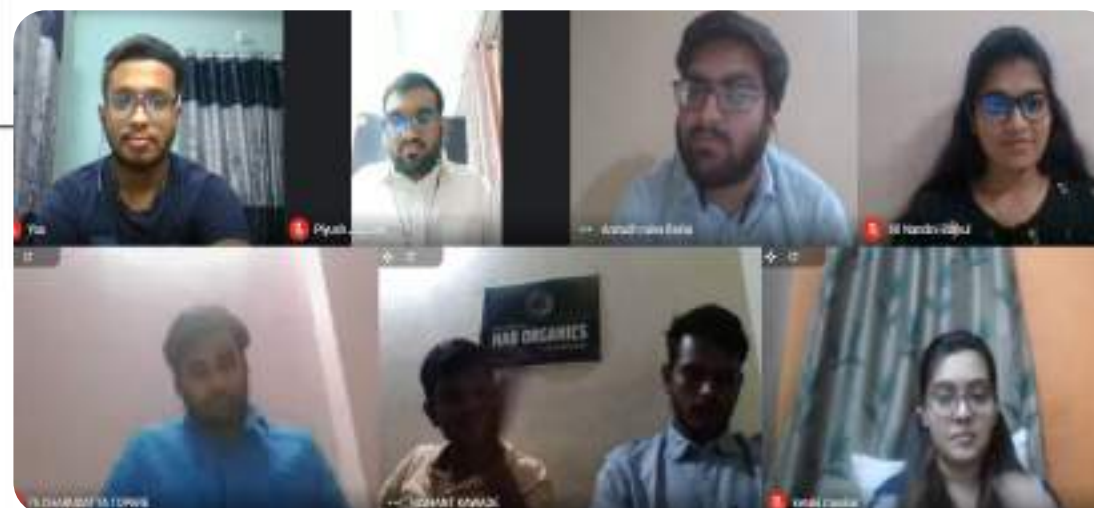
Nishant Kawade & Basavraj Patil

Director and co-founder:
HAB INDUSTRIES PVT LTD, Hab organics



Interviewers:

- Piyush Jagdale
- Anirudh Raina
- Nandini Barkul
- Charudatta Topare
- Ketaki Mankar



What were your childhood aspirations ?

As a kid growing up I was not at all interested in studies rather I was fond of sports; cricket in particular as a matter of fact I was good and fortunate enough to represent the state of Maharashtra in some games. But as I grew up I had one and only thing in mind and that is to start my own business, also there was a sub conscious influence of my relatives as a lot of my family members had their respective businesses. Even though there were numerous businessmen in my family, my parents wanted me to be well educated and have college degree like all other parents in India want their kid to be. That is how I stumbled upon engineering although at the back of my head there was this one thing which I was fixed upon and that is no matter what if I am pursuing engineering I want to learn and know more about the chemical sector, as my main aim was to become an entrepreneur and my eyes were set on the chemical and pharmaceutical industry and the main reason behind that decision is the fact that the cost of medicine in India is very expensive and I believe it is not at all right and I want to change that situation and serve the people of India.

Would you like to share any childhood incident which motivated you to choose this path in life ?

There were numerous instances throughout my childhood which had a major impact on the choices I have made till date but the one which stands out the most is that I remember on one Diwali my elder brother was unable to come home as he had an election duty or some other Govt.

work by the way my brother is a primary teacher, my mother was asking him to come home for Diwali as every year he used to visit us on Diwali, it was like an unwritten rule. I questioned my mother that why can't he come and she simply replied you won't understand his situation right now but when you'll grow up and get a job you will definitely understand his circumstances. I simply asked her one thing, "Do you want me to be an employee who has no control over his own life or do you want me to be an employer who can value his family and work at the same time?" I remember her telling me that she wants me to be an employer and that stuck with me for life, that one incident paved the road for me to become who I am today, a lot of things happened later on, but this particular one was very eminent in the process.

How do you feel your educational background has prepared you for this ?

Well if you take the example of our company HAB Organics PVT. LTD. we manufacture industrial oils, bio fertilizers and other chemical products, here my chemical engineering degree gave me a very solid edge to overcome the difficulties as all the technical aspects were easy to tackle, that was one of the major advantages and if you consider the non-academic approach and focus on the skills and tricks I learnt in my school and college life, I'd say that the things I needed to survive in the market was taught to me or was learnt by me in my college life for example if you consider my college grades I had 15 backlogs in my final year and that taught me how to overcome failure,

one more thing that college taught me was that what a group of people can achieve is always bigger, better and more prosperous than what an individual can. Today the reason I can send my goods overseas is because of my friends or the reason I was successful enough to start my business was because of my friends, my co-founders are my very good friends and in general my approach towards certain aspects of life was changed due to the time I spent in my college.

Which types of projects have you completed in your Engineering College ?

I will be extremely honest with you guys for the first three years I did not complete even a single project in fact we weren't assigned any project for the first three years but when the final year started due to certain circumstances I wasn't able to attend college for the first two years and hence when I returned, all the groups were formed, topics were decided, guides had been assigned and there were a very few students who had not formed a group so I got together with them and decided to form a group and afterwards we went to Rupesh Jadhav Sir and told him our condition that we don't have a topic nor a guide yet he was furious but eventually he asked us to contact Yogesh Bhalerao Sir as he was the only one who had not taken any group under his wing so we approached him and he started asking us questions about our parents and what they do for a living and he gave us an idea to finalize our project related to the problems they face while they are hustling in the fields as my parents were farmers, so on one of the weekends.

I visited my house and my mother came back from the fields and she was complaining about her back which was very stiff due to the onion transplanting she had been doing all day and that time it clicked me that what if I make an onion trans-planter which will make the job easier and also increase the efficiency, if you ever feel interested you can find the project in the agricultural department of our college.

(OTHER GUY) My project was selective separation of Beta Carotene from carrot extracts using hollow fiber membrane that's all I can remember to be honest I was way busy with the extra-curricular activities in my final year and thanks to all my group members for completing the project.

What has been your biggest academic achievement ?

I come from a very rural area so when I was studying there I thought I was very intelligent as I was always scoring the best marks but as soon as I enrolled in the college I was absolutely astonished and surprised as first of all I did not understand a single word of English back in the day and everyone here was very comfortable with it and I felt a bit demotivated at first. It was too much to cope up with at first as in the 1st semester I had 1 backlog and I thought it was normal to have one backlog and kept moving on as I went on further and further at the end of my 2nd semester I had 4 backlogs in total and at that moment as well I did not feel that it was necessary to worry because people around me had a lot more backlogs than

not only that some were a year down and I thought it was fine and I kept moving on but things got serious after the 3rd semester, I remember calling my brother and telling him I have 4 critical and 2 current backlogs and he asked me, “Do you know what critical means?” and I remember answering him that, “If I can’t pass those subjects in this semester I’d be a year down.” That night I cried for the first time in my life and I decided I have 6 backlogs plus 5 current subjects to clear I took my books, stationery, chair and a table and studied sincerely for 3 months and cleared every single one of them and since then I did not have a single backlog. I earned a scholarship in my 4th standard but I think the incident in my engineering life is a more memorable and special achievement for me, I won’t say an achievement but it is pretty remarkable stunt to pull in engineering.

How did the idea of your business come about ?

If we talk about the idea behind HAB Industries it started off as a dealership where we used to take the industrial lubricants from the manufacturer and sell them to the needed companies and we got that idea from one of our co-founders who lives in Chakkhan an industrial area in Pune, as he had a few contacts there and I coming from Kolhapur had a few contacts over there with some mechanical industries made it a bit easy for us to take off. We were not aware of the industrial lubricants industry back then but eventually we learnt and studied thoroughly what it actually is and how it operates and came to know that there are 250 different types of lubricants available

in the market and from there on we eventually started making our own lubricants and stated supplying those lubricants initially in India and now we send them all over the world.

Now coming to HAB Organics which we started in the month of June 2020 amidst the Global Pandemic, the idea behind it was simple and straight the whole world is suffering due to the pandemic, the whole world is in lockdown but the farmers had to work because if they do not work then how is the country going to eat and eventually the country will shut down. We decided that why not indulge in this sector as well but our main goal was to help the farmers to grow natural food free from chemicals. We brought technology which at that moment was not present in the market for example Bud booster and fish emulsion and several other things. The thing is in our country we eat a lot of processed food which is loaded with chemicals which eventually is destroying the mother nature I don’t know if you have read this quote anywhere but “Once a human being is born the only thing he does is harm the environment but as soon as he breathes his/her last breath he can only do one thing and that is give back to the nature by resting in peace.” So, yeah we wanted to do something for the nature as well and I think we are doing it pretty well with our Organic Bio fertilizers.

One more industry which we have stepped into is the construction business, well the reason behind that is financial because personally I thought if I step into this business I would be able to earn more and if I can earn more, I can give more.

What was your key driving force to be an Entrepreneur ?

As I have already mentioned the story about the conversation I had with my mother I think that was the key to me becoming who I am also if you ask me what keeps us going and what keeps us motivated all the time I would say the satisfaction we get of putting meals on the table of our employees who have worked tirelessly for our profit and the satisfaction we get as soon as we hit the pillow at night that yes we have done a good day’s job which has contributed to certain things in one’s life which might be very important to him, it’s not like our employees won’t get jobs anywhere else if we let go of them no doubt they are very good at what they do but we will not be satisfied as we are not the reason one’s child is going to school or is enjoying good food twice a day. It gives us a lot of joy that unknowingly we have started a chain of giving which might not be very big but it is something and hopefully one day the chain will be a noticeable one.

How did you come up with the name of your company ?

Well the name HAB is actually the initials of our names as well as people who have helped us build this beautiful company, H stands for Harsha which is my sister’s name and I am extremely thankful to her for her support and the help she provided us in the times when going got tough. ‘A’ stands for Aniket he is the other co-founder of the company and ‘B’ stands for Basavraj.

Well not only does it depict the initials it also stands for Halcyon and Bonanza which depicts the analogy of our company which means a blend of happy and peaceful life with wealth and prosperity.

Can you explain the work culture in your company ?

I am glad you asked that question, actually our company follows the Sadhguru or you might know the non-profit organization Isha Foundation I would like to say that the culture in our offices and factories is very friendly and healthy everyone is treated the same way no matter if he owns the company or is just guarding the place because we have seen it all, how people are unfairly treated just because their supervisors are paying them money doesn’t mean they are entitled to handle your rude behavior, and considering the fact that we didn’t have that much of funding when we started which helped us to realize that the jobs which our labors or workers are doing is not at all easy and we are extremely grateful for their time and hard work towards our company. Whenever, I visit my factory I always work side by side with my workers not only that occasionally we share some lovely chat over a cup of tea. The other day one of my employees got sick and he asked for a leave and I am so proud of my employees that they are so humble, he said that he won’t go if I don’t allow him to and I insisted him to go not only that I asked him to come with me to the doctor because I need to make sure there is no outburst of corona within the company. Fortunately he was Covid Negative and is doing perfectly fine.

What were the challenges you faced in this entrepreneurial journey and how you tackled them ?

Well if you ask me becoming an entrepreneur is decision which has its own problems but staying an entrepreneur and actually making a profit has its own set of problems, every single day is a problem from the arrangement of Raw materials to the delivery of the product you have to consider everything because the whole idea of business relies on one human emotion or bond which we all call as trust, the customers trusts us, we trust our labors and so on but try to understand if we miss the delivery by a day the customer has the right to deny the product because he is working on a deadline as well he might also have people to answer to not only that eventually it is my fault that I did not have alternate measures in place to tackle that certain problems, I remember in the starting days we had to unload the sack of raw materials by ourselves because we did not have healthy labors, also if we start from the basics the searching of the market itself is a very big problem or how to get your first order because the big MNCs don't allow anyone to just march into their offices and have a sweet little conversation with the boss there. To tackle these problems you need good connections in places which can get you a meeting with the people who can actually make you some profit so in our case we fortunately had a meeting with some amazing people and they were facing a problem with cost cutting so we offered them goods at a lower price but not compromising the quality at all. It's not only on the downside but on the upside as well one time we received an order which required far more

resources but the profit which we might receive was also substantial, but we didn't have money to actually complete the needed delivery, the recovery part was not helping us as well and we were not aware of the tactics and tricks of the game we were new to the scene or a lot of people say we were newbies, I just want to say there will be a lot of problems but just don't back out face those problems and eventually you will find a way.

How do you raise funding for your venture ?

Well as I have already mentioned that whatever we are today is because of Basavraj's sister, it is because of her trust in us and the funding she provided for the first year and half helped us to overcome the financial barriers and actually gain some profit from the process, and afterwards we gained trust of the investors and the people who were ready to put some serious money into our companies after they saw us perform and provide the best quality and making some substantial profit. I just want to tell everyone reading the magazine that if you are capable enough to do something in the market money will never be a problem for you, it's just that you need to prove yourself once and then get ready to do what you love. It came to a stage that some offers for becoming a sleeping partner were proposed to us i.e they will provide you with loads of financial support but they won't do the hard work but they will take the decide cut of profit, we are not interested in that.

How do you market your business and what tactics have been the most successful ?

Well the most important thing Is creating a network which is strong enough to be trusted blindly, one thing which is common in me and my co-founders is the fact that we can connect to people in a very comfortable and an easy manner, see business works in a circle what you put in will come back to you, we relied on the human to human publicity that is in a group of people we asked our clients if there is someone who you can link us up with who needs the goods and it did not work every time but eventually we started getting offers and you need to develop the skill to have a business conversation anywhere and with ease to be honest we have closed some major deals over a cup of tea at Yewale's if you are not from Pune you might think what is that so just for you guys it is a tea stall which has got branches all over the city. So yeah the fact that my partner is a huge fan of tea and the constant improvement in the way we pitched our ideas helped us so it all comes down to the conversation techniques and the ability to connect with your client on a level which is unmatched to any of our competitors. But if you want to survive in the market you need to back your talk and prove your promises you need to provide the best quality of the product but they might say why we should choose your product because there might be other companies who are providing the same quality, but we need to convince people that we are creating a brand name like Tata. We need to come up with ideas to overcome the barrier of being different for instance the packaging of our Vermicomposting product is top notch, as a matter of fact it is the best in India so yeah you need to come up with things every now and then to keep your company going.

During Diwali we thought we need to give HAB organics a boost so we introduced a new product called 'THE GREEN BOX' we distributed it to all the teachers and we thought we could replace the sweet box with a green box which is obviously eco-friendly and of course would help us to advertise our product. Well the green Box was related to the concept of Green Box and initially we didn't get that much of acclamation and support from the market, so we thought why we don't take this to local politicians and it unexpectedly worked in our favour and a lot of politicians started distributing the green box and that helped us reach a huge mass of people.

Eventually we started giving dealerships to people and currently we have more than 400 dealerships all over state but yeah the route we took to turn towards the politics worked a lot and the fact the deputy chief minister was one of the many big figures who allowed us to click photos with them for our product worked like a charm.

10 years down the line where do you see yourself ?

I don't like to limit our goals to be honest I mean once upon a time our goal was to reach here where we are right now, to sum it up in a line we want to enhance every single life we touch no matter which industry we enter. People should understand and recognize HAB just like Tata and Adani. It's not only about capital or profits I believe once you start succeeding money is not a problem at that point your vision comes into play the reason you started doing what you are doing. In these Corona times we could have left the company and just sit back but we chose not to because of the goal we have in mind.

Right now we have 20 employees in our company and 10 years down the line we want to grow it to at least 10000 employees not only that we have reached 10000000 Indians in 6 months and by the end of 10 years we need to at least reach up to a roughly 500000000 Indians although I don't like to put a limit on it but I hope it is the minimum and I am sure that our goals will change because I am pretty sure that a 20 year old Mahatma Gandhi had different goals than the Mahatma Gandhi who became a barrister in South Africa and I am sure he did not have the same goal as the Mahatma Gandhi who was pushed out of the railway but I no matter what our goals are but the vision remains there forever.

Any tips to youngsters who want to start their journey as an entrepreneur ?

Well I just want to say one thing, START just START I can tell you it is extremely hard let me give you an example every year if a 100 start ups kick off after a year there are only 30 left after another year only 10 and after another year only 3 remain out of which only a single company is in profit and the 99 others have given up. The reason why they fail is lack of preparation so I just want to say if you can start now just start now right now don't wait for the college to get over or wait for your degree. or wait till you have enough money in your savings account. Let me tell you a story about my friend who wanted to start his own business but he had a very poor financial background so you know what he did he went to the farmers near Alandi and got fresh vegetables from their respective farms and used to sell it to teachers every day in front of the B wing after

the college was over, the teachers always want to support the students who put in an honest effort and actually they were very happy to get fresh vegetables, save time and they are helping a student and now he has his own company and is very successful so yeah if you want to do something and you have the determination to do it go ahead if it does not succeed what is going to be the worst case you will have to start over but honestly you won't have any regrets but the satisfaction you will get is extremely sweet. It is better to regret the chances you took than the chances you didn't. Job is like an insurance policy man if you don't accept a job now you can sit for an interview after a year or two again that is not a problem at all but if you don't start and not work for your dream the regret is unmatched.

I just want to say if anyone needs help regarding anything technical stuff or internship related opportunities and entrepreneurship guidance we are in regular contact with the e cell of our college and I just want to end on this note that if you want to start something don't let other peoples remarks and comments change your decision, it is your life you have the right to take the decisions which you think are right and sometimes it's good to stand up to everyone and start up there will be problems and honestly there will be loads and loads of them but as I have said if you have the guts and determination to do the needful you will get help from somewhere the world is a very kind place for people who are willing to change it then the journey gets a little merrier day by day.





Artifex Arts & Photography Section

Artifex | Arts & Photography Section

The artifex is the alchemist seeking to bring black/white, male/female, animus/anima, and so on opposites together as part of the big opus. Art is not a craft, it is the transmitting of the artist's emotion. It's not what you look at that counts, it's what you see. Art is undeniably one of human happiness's purest and highest aspects. Through the eye, it trains the mind, and the eye through the mind. The essence of art is to represent not the outward appearance of things, but their inner significance. As the sun colors flowers, so does art color life. Art is a deception which makes one realize the truth. It washes the dust of everyday life away from the soul.



Meet the

Team

SECTION HEAD
Ketaki Mankar
S.Y. - CompSECTION HEAD
Nandini Barkul
S.Y. - Comp

Members

Akshada Pawar
T.Y. - CivilRushikesh Bagal
T.Y. - ITYash Bansod
S.Y. - MechanicalShreya Jawane
T.Y. - E&TC

Editorial

The word ART comes from the word “Ars” which means skill. It is human ingenuity to adapt natural things to human consumption. An artist uses his supernatural intelligence to transform God-made objects into man-made things. Art encompasses all forms of human skill and all that human beings are capable of creating through skilled craftsmanship. In a more specific sense, art applies to activities that express aesthetic ideas through the use of skills and ideas in the creation of objects, through environmental experiences, or through other individual or collective experiences that can be shared with others. ART IS ANYTHING ACCOMPLISHED WITH GREAT SKILL. To be creative is not magic. It entails continuity that requires time, practice, devotion, and passion. It is an innate call for every human being to exert effort, to be involved in the action. For painters, in order to transform thoughts and ideas into concrete art, they have to constantly invent new techniques by modifying various mediums. Artists, in the field in which they are, must boldly hone their skills and improve their craftsmanship. At AJAANVRIKSHA, Artifex is an art club that allows students to express themselves for free, allowing them to experiment and create from their imagination. Here students with unique ideas and powerful imagination find a place to work towards reaching their goals through their artistic expression without any boundaries.

The famous Spanish painter Pablo Picasso said,

“Every child is an artist. The problem is to remain an artist once they grow up.”

TEACHER-IN-CHARGE
Amol Kapse



Aarati Sonwane
B.TECH - Civil



Aarya Lamkhade
B.TECH - Chemical



Aman Walke
TY - E&TC



Ansh Shriwas
SY - E&TC



Ajay Ballewar
B.TECH - Mechanical



Akshada Pawar
TY - Civil



Asavari Kalse
SY - E&TC



Atharva Pandey
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 Harshal Sonar
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 Himanshu Shimpi
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 Mrunal Kale
B.TECH - Civil



 Nandini Barkul
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 Madura Bhatt
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TY - E&TC



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B.TECH - Chemical



Prerana Painter
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Rutuja Darade
B.TECH - Civil



Ranadeep Dey
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Rohan Nikam
SY - Mechanical



Sanket Yadav
B.TECH - ETX



Shreya Jawane
TY - E&TC



Shweta Gund
TY - IT



Smita Jadhav
SY - Comp



Vaibhav Lamture
TY - Mechanical



Yash Bansod
SY - Mechanical



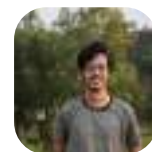
Sonali Dhawade
TY - Mechanical



Suraj Rathod
TY - Mechanical



Adarsh Zamwar
SY - IT



Akhil Chopde
SY - Comp



Atharva Khonde
SY - Comp



Ansh Shriwas
SY - E&TC



Ayush Choudhary
TY - Comp





Anurag Taparia
SY - Comp



Fiza Patel
SY - IT



Falguni Charde
SY - Mechanical



Nandini Barkul
SY - Comp



Mohit Sharma
TY - IT



Pratik Kale
SY - Comp



Siddharth Satbhai
B.TECH - Chemical



Triveni Gaidhane
SY - E&TC



Ranadeep Dey
TY - IT



Rushiesh Sonar
TY - Comp



Rutwik Deshmukh
TY - Comp



Shruti Sharma
SY - E&TC



Mrunal Kukade
TY - E&TC



Shridhar Motale
B.TECH - Mechanical



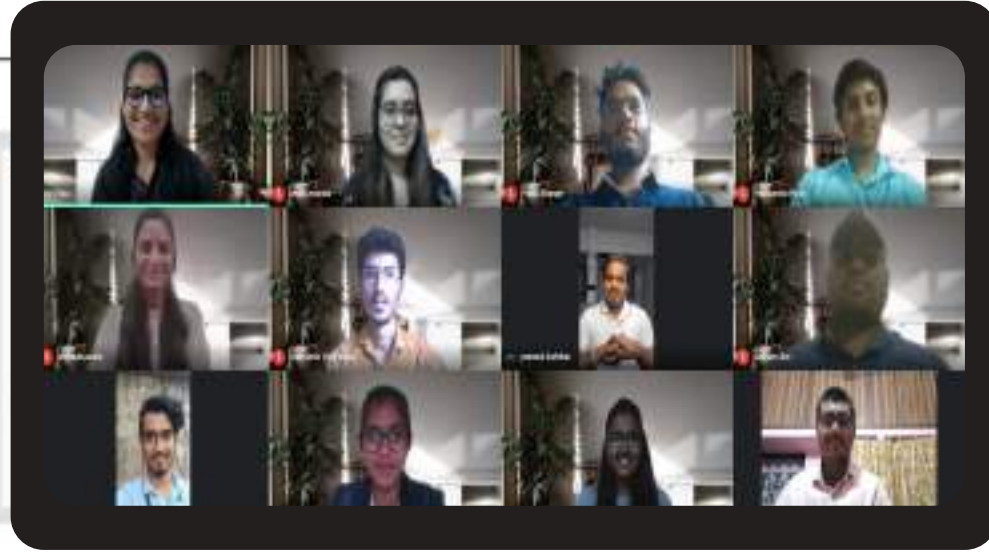
Niranjana Girhe
SY - Comp

आलंकारिक चित्रकला कलाकार प्रमोद कुरलेकर



साक्षात्कारकर्ता:

- अभिलाष कुमार
- ऋषिकेश बागल
- केतकी मानकर
- यश बनसोड
- अक्षदा पवार
- गौतम झा
- श्रेया जवणे
- प्रद्युम्न पुंड
- नंदिनी बारकुल
- त्रिवेणी गायधने
- प्रतिक भांगे



प्रश्न : सर, प्रत्येक कलाकार की अपनी एक विशेषता रहती है। तो इसलिए मैं आपसे पुछना चाहूंगा कि, आप अपने चित्रों के माध्यम से किन भावनाओं और संदेश का चित्रण करते हैं ?

उत्तर : आप सब को नमस्ते। जैसे कि आप अभी पहले प्रश्न में पूछ रहे हैं कि मैं किन भावनाओं के आधार पर पेंटिंग करता हूं। तो मेरा दो तरह की भावनाओं पर फोकस रहता है, एक भावना है जैसे कि कोई अभिव्यक्ति आप कह सकते हैं ना भी कह सकते हैं। जैसे कि मैं खुद को अपने अंदर ही शून्य महसूस करके उस शून्यता से जो सामने का दृश्य है उसे देखते हुए उस दृश्य को जिस तरह से वह शून्यता में नजर आ रहा है उसे उसी तरह से चित्रित करने की कोशिश करता हूं। जिसमें कोई भी विषय नहीं होता है। यह मात्र अपने आनंद के लिए अपने अंदर महसूस हो रहे शून्य भाव को अभिव्यक्त करने की एक प्रक्रिया होती है। तो इसमें कोई विषय या संदेश देने की कोशिश नहीं होती है। जब भी इस तरह से चित्र बनाते हैं तो वह जो शून्यत्व का भाव है उस स्ट्रोक कलर्स के साथ-साथ जो रचना बनती है उस के माध्यम से वह शून्यत्व देखने वाले तक पहुंचता है इसलिए उन्हें कोई सब्जेक्ट नजर नहीं आता मगर वह भावना जो आर्टिस्ट खुद महसूस कर रहा है, उसकी अनुभूति उसे कहीं ना कहीं महसूस होता है। वह व्यक्त नहीं कर पाएगा कि इस चित्र में उसको क्या ज्यादा भाया और इस चित्र से उसको आनंद मिला। एक अलग ही अनुभव होता है यह। यह रही पहली भावना जो बहुत ही निजी होती है और अध्यात्म से जुड़ी होती है। उन चीजों के आधार पर मैं उन भावनाओं को जो मुझे महसूस हुई है। किसी प्रसंग के बारे में किसी व्यक्ति के बारे में या किसी सामाजिक परिस्थितियों के बारे में, राजनीति के बारे में, मानवता के बारे में जो भी हो यह घटनाएं हमारे आसपास घटित हो रही हैं या हो चुकी हैं उनके आधार पर मैं परोक्ष रूप से सिंबल्स के माध्यम से चित्र चित्रित करने

की कोशिश करता हूं। जिसमें सीधे-सीधे वह सब्जेक्ट नहीं होता पर उसका जो भी सार है उस सब्जेक्ट से जो हमें कुछ महसूस हुआ होता है वह दिखाने की मैं कोशिश करता हूं; फिर मेरे जो विषय आधारित चित्र है वह इस दूसरे भावना में आते हैं। तो मैं दो तरह की चित्र बनाता हूं एक होता है शून्यत्व जिसमें कोई देना लेना ऐसी कोई चीज नहीं होती ना कोई प्रबोधन का काम होता है या संदेश होता है ऐसा कुछ नहीं होता उसमें हम सिर्फ अपने आनंद से अपने अंदर जो शून्यता है। जो शांति है उस शांति के परिपेक्ष में जो सामने वाली चीजें है जैसी हमें दिखती है फिर वह व्यक्ति हो सकता है निसर्ग का कोई घटक हो सकता है तो हमें उस परिपेक्ष में वह बहुत ही अलग तरीके का दिखता है, तो उस तरीके से हम उसे चित्रित करते हैं और दूसरा है वह एक संदेश देने का तरीका होता है, एक अभिव्यक्ति होती है जैसे की हम आजू-बाजू के चीजों को देखते हैं उन्हें महसूस करते हैं। हमारा उस पर जो विचार होता है, उस सारे चीजों का मेल मिलाकर हम एक चित्र विषय बनाते हैं, और यह ऐसा भी होता है कि आज एक भावना है और मैं उस पर चित्र बना रहा हूं। हो सकता है वह आज की मेरी तो समझ है उस आधार पर बने तो भविष्य में मैं उस विषय पर फिर से चित्र बनाने की कोशिश करूँ, तो वह अलग हो सकता है। तो ऐसा है कि हर चीज के लिए हम नए होते हैं। एक चीज है कि जब हम बच्चे होते हैं तब हमारे साथ घटित हो जाती है, तो उस वक्त हमारा नजरिया अलग होता है। जब आगे सफर बढ़ता है, तब हमें एहसास होता है कि वह जो चीज हमारे साथ घटी थी उस वक्त शायद हम उसे नकारात्मक तरीके से सोचते होंगे, कि यह गलत घटा मेरे साथ। आगे चलकर ऐसा होता है कि वही चीज आपके जीवन में एक मोड़ होता है। उस वजह से ही आपकी जीवन का अगला सब कुछ निर्धारित होता है। तो फिर हमें लगता है कि वह जो चीज हमारे साथ हुई थी वह नकारात्मक या बुरी नहीं थी।

चित्र हम शुरू करते हैं, चित्र शुरू किया उस चित्र में हमने जो शुरू किया आप कम पूरा होते-होते हमें लगता है कि पूरा होते-होते हमें लगता है कि उससे ज्यादा कुछ होना चाहिए तो मैं पहले यह सोचता हूं कि मुझे करना क्या है फिर मैं चित्र बनाने की कोशिश करता हूं। कला ऐसे नहीं हो सकती कि जो हम तय कर लिए वह होता ही है; तय कर लिया तो हम जिंदगी में वही करेंगे कि हम जिस जगह से या समझ से या उम्र से, वह बदलती है या तो वह बढ़ती है। कलाकार के नजरिए से आगे का रिस्पांस भी अलग होता है, परिस्थितियां भी बदलती हैं।

प्रश्न : हर कलाकार के रचना के पीछे एक कल्पना, एक प्रेरणा स्रोत होती है, तो आपके इन सुन्दर (अद्भुत) रचनाओं (कलाकृतियों) की प्रेरणा कहाँ से मिलती है ?

उत्तर : पहली, दो प्रेरणाएं मैं मानता हूं, दो प्रेरणाएं हमारे पीछे होती हैं। एक होती है जिस प्रेरणा को मैं मूलभूत प्रेरणा कहता हूं, जो रुटेड इंस्पिरेशन हम कह सकते हैं उसे, वह ये की आपको अंदर से ही बचपन से ही चित्र बनाना अच्छा लगता है, की क्यों का उसमें कोई अंतर्भाव नहीं होता की क्यों लगता है। यह लगता है, बस लगता है। जैसे की आप देखते हो की हर जनरेशन में एक क्लास में एक बच्चा होता है वो चित्र ज्यादा बनाता है, ऐसा होता है, आपके क्लास में भी होता होगा, या दूसरा कुछ भी हो सकता है। किसी को पढ़ना अच्छा लगता है तो अभी इसके पीछे क्यों नहीं बैठता है कि क्यों ऐसा है तो यह मूल प्रेरणा है मूलभूत प्रेरणा जिसे हम कह सकते हैं, तो यह एक है कि जो मुझे अंदर से ही है कि मैं उस प्रेरणा की वजह से चित्र बनता गया बिगिनिंग के वक्त में फिर धीरे धीरे प्रेरणा का रूप बदलता है। वाहवाही मिलती है, शाबाशी मिलती है। पुरस्कार मिलते हैं। यह सब मिलते जाते हैं तो प्रेरणा दूसरी कैटेगरी में चली जाती है।

मूल प्रेरणा होती है वह वजह पे डिपेंड नहीं करती वह आपको अंदर से एक ऊर्जा होती है वोह आगे जा के....

आगे जाके फिर ये प्रलोभन जिसे हम कह सकते हैं कि शाबाशी मिलती है, आदत पड जाती है कि अच्छा कह रहे हैं लोग, पुरस्कार दे रहे हैं, यह हो रहा है, यह चलते चलते वो एक प्रेरणा आती है। पर वो दुय्यम प्रेरणा में आती है। चीज तो फिर आगे जैसे हम बढ़ते हैं फिर इस फील्ड को अपना करियर (career) समझने लगते हैं। यही पैसा कमाने का जरिया समझने लगते हैं तो फिर अम्बिशन आ जाते हैं आपको कुछ अच्छा करना है। आपके बाद आपको कुछ अच्छा छोड़के जाना है दुनिया के लिये, यह एक प्रेरणा होती है, वो भी है प्रेरणा होती है।

दूसरा होता है, मेरा तो दो मैं यह दो मैं यह नहीं कहूंगा के पैसा बहुत कमाना है यह भी प्रेरणा होती है। मगर मेरे पर्सनल इसमें मैं अभी कहूंगा तो दो प्रेरणा हैं की मूलभूत प्रेरणा है कि मुझे चित्र बनाना है तो मुझे बाहरी प्रेरणा की कोई जरूरत नहीं पड़ती पहली चीज और फिर ऐसा लगता है की जिंदगी में आए हैं तो कुछ अच्छा छोड़ के जाते हैं कुछ अच्छा करते हैं तो यह दूसरी प्रेरणा मेरी जीवन में अभी काम कर रही है। मतलब यही दोनों प्रेरणाएं मिलके, मेरी जर्नी चल रही है।

प्रश्न : सर ऐसे बहुत सारे कलाकार हैं जो वास्तव में अच्छी पेंटिंग करते हैं; लेकिन वे खुद पर विश्वास नहीं करते और कला को पूर्णकालिक पेशे के रूप में नहीं चुनते। आपने इस समस्या को कैसे दूर किया? और कला को अपने पूर्णकालिक पेशे के रूप में कैसे चुना ?

उत्तर : प्रेरणा के दो मूल स्रोत होते हैं; एक होती है मूल प्रेरणा और दूसरी होती है बाहरी प्रेरणा। तो पहले हम सबको यह दो प्रेरणा क्या है वह समझना होगा, तो मैं बताता हूं मूल प्रेरणा

मतलब जो जन्म तथा आपके भीतर समाई हुई है और जिसके कारण आप बहुत खुश होते हो। फिर उसके बाद उस मूल प्रेरणा का मापदंड आपके शिक्षक, पालक और आपके शुभचिंतक करते हैं और फिर उससे वह निश्चित करते हैं कि, वह आपके लिए ठीक है या नहीं; फिर आपको उससे पैसे मिलेंगे या नहीं मिलेंगे। और उसके बाद इन दो प्रेरणा में से एक प्रेरणा जीत जाती है। बहुत बार यह होता है की, मूल प्रेरणा मुरझा जाती है और आजू बाजू के माहौल के कारण हमें अपने मूल प्रेरणा को छोड़कर दूसरे चीजों को अपनाना पड़ता है।

अभी मैं अपना निजी अनुभव व्यक्त करूंगा। मैं जब अपने पाठशाला वाले जीवन में था तब मेरी पढ़ाई में कोई खास रुचि नहीं थी। इसी कारण मैं कक्षा ६ वी और कक्षा ९ वी में फेल हो गया। मेरे पिताजी मेरे पढ़ाई के लिए बहुत कुछ करते थे, पर जब मैं फेल हुआ तब हताश होकर पिताजी ने मुझे कहाँ की, “तुम्हारी स्थिति गाय भैंसे चराने वालों जैसी है।” और हमारे समाज में ऐसा सबका समझ बन चुका है कि जो कुछ नहीं कर सकता उसकी हालत गाय भैंस चराने वालों जैसी है।

फिर शुरू हुआ मेरा असली सफर। १० वी के बाद सभी रास्ते खत्म हुए इसीलिए मेरा दाखिला आर्ट्स कालेज में करवाया। पर जो बच्चा हर बार फेल होता था, वह अब अवार्ड लेने लगा था। मैंने आर्ट्स में दाखिला लेने के कारण समाज के एक विशेष मापदंडों के बाहर मैं निकल गया था, एक यूजलेस बंदा मैं बना था। शायद इसी कारण से मैं समाज के कहीं डिस्ट्रैक्शन से दूर रहा था और अपने करियर को अच्छी तरीके से पूरा कर रहा था।

ज्यादातर आपका माहौल डिपेंड करता है की, आपको पूर्ण तरह प्रोफेशन बनाना है या नहीं बनाना। फिर क्या होता है कि, आपको डिसाइड करना है की, आगे जाकर फाइनेंशियल रूप

से या जीने की जरूरत के हिसाब से यह फिट है या नहीं। मैं यह कहूंगा कि, जिनके मन में विश्वास की कमी है उन्हें अपने भीतर में एक चीज ना शुरू करना चाहिए कि, आपको या आपके भीतर कौन सी ऐसी चीज है जो करते हुए आपको दुनिया का दुनिया भूल जाते हो। आपकी भूख प्यास सब मिट जाती है। सब भूल जाते हो और ऐसा लगता है कि, वह काम करते वक्त आप सब से बेस्ट इंसान हो और वह काम और आप पर भगवान की विशेष नजर है। आप पर ऐसे काम करते वक्त जो फीलिंग आती है तब आप सोच लेना कि, यह आपके लिए ही है, फिर वह निष्ठा से आप काम करते रहोगे तो आगे जाकर वह आप का प्रोफेशन बनेगा।

कहीं लोग होते हैं कि इस चीज को रियल लाइफ में समझने में उनको बड़ी देर हो जाती है, और फिर उनको प्रोफेशनल एस्टेब्लिश होने में बहुत वक्त लगता है। और गुजर बसर का जरिया दूसरा बना देते हैं। और ऐसे समय पर अपनी कला की आपको अंदर से ही सेवा करती रहना चाहिए। आगे जाकर ऐसा हो सकता है कि, सारी चीजें ठीक हो जाए और आपकी कला ही आपका प्रोफेशन बन जाए और प्रोफेशन ही कला बन जाए। यह सब चीज है अपने भीतर पहले चेक करना जरूरी है, और आपको वह काम प्रार्थना जैसा है क्या? आपके लिए सबसे प्रिय काम है या नहीं? आपके लिए अगर वह नहीं है, अगर मैंने जैसे पहले कहा कि, वह अगर मजबूत नहीं है और वह अगर किसी बाहरी प्रेरणा के वजह से आप उसको ले रहे तो आपको गलत कर रहे हो, तो हो सकता है आपका लगाव किसी और चीज में है।

क्रिकेट और फिल्म इंडस्ट्री इन दोनों फील्ड को ज्यादा फोकस मिलता है। क्योंकि उसमें बहुत ज्यादा पैसा मिलता है, और बहुत सारे लोगों को ऐसा लगता है कि, मैं क्रिकेटर बन जाता

हूँ। और फिर यह जो बाहर का चकाचौंध देखने के बाद जो आपको लगता है कि, यह मैंने करना चाहिए था। तो वह गलत प्रेरणा है, वह कभी भी आपको पूरी तरह से सक्सेस नहीं देगी। इसलिए पहले आपको अपनी मूलभूत प्रेरणा को जानकर देखना चाहिए कि, ऐसा कौनसा काम है कि, आप वह करने के बाद अपने काम में मग्न हो जाते हो। और आप दुनिया को भूल जाते हो। और उस काम को आप को निष्ठा से करना चाहिए। उससे सक्सेस जल्दी से या देर से मिलेगा पर एक आनंद मिलेगा। यह सब मैं अपने अनुभव से कह सकता हूँ।

प्रश्न: सर आपने कला विद्यालयों और महाविद्यालयों से अपनी शिक्षा ग्रहण की है। क्या कलाकार बनने के लिए किसी भी विद्यालय या महाविद्यालय से स्नातक होना आवश्यक है?

उत्तर : हमें यह चीज को, दो तरह से समझना होगा। कला की बात करें तो उसमें 2 अंग होते हैं। एक होती है अभिजात कला और एक होती है उपयोजित कला। तो उपयोजित कला कि अगर हम बात करें तो उस में स्नातक होना जरूरी होता है। उपयोजित कला मीन्स कमर्शियल आर्ट, उसी के लिए अगर आप किसी एजेंसी में काम करने जाओगे, किसी ऐनिमेशन स्टूडियो में काम करने जाओगे, तो आपको सर्टिफिकेट तो पूछा ही जाएगा जरूर की आपने क्या किया है?

एक्सपीरियंस यह सारी चीजें ठीक हैं। आपकी एबिलिटी, अब वह तो आप बाद में प्रूव करेंगे मगर पहले पड़ाव में आपको पूछा जाएगा कि आप का डिग्री क्या है? क्या एजुकेशन लिया है? और दूसरा यह है कि फाइन आर्ट, जिसे हम कहते हैं अभिजात कला जो मैं कर रहा हूँ। इसके लिए, आपको नौकरी करने की जरूरत नहीं होती है तो आपको सर्टिफिकेट दिखाने की भी जरूरत नहीं होती है। यह जो अभिजात कला है



इसमें, फॉर्मल एजुकेशन को लेकर भी बहुत बड़े-बड़े आर्टिस्ट बने हैं और बिना फॉर्मल एजुकेशन लिए भी बड़े-बड़े आर्टिस्ट बने हैं। अभिजात कला के लिए, मुझे नहीं लगता कि आपको शैक्षणिक (एकेडमिक) की जरूरत होती ही है। किया तो बहुत ही अच्छा है, मगर ऐसा नहीं है, कि नहीं किया तो आप कलाकार नहीं बन सकते हैं, ऐसा नहीं है। क्योंकि अकैडेमिक्स के बाहर भी बहुत बड़ी दुनिया है। उसमें भी आप बहुत कुछ सीख सकते हैं। आज के जमाने में तो यह बात बहुत ही विस्तृत हो चुकी है। एजुकेशन अब स्कूल या कॉलेज के अंदर बंधा हुआ नहीं है। इंटरनेट के वजह से, सोशल मीडिया चैनल, यूट्यूब जैसे कितने सारे मंच है, जहां से आप एजुकेशन ले सकते हैं।

तो ऐसा है, कि फॉर्मल एजुकेशन के नहीं लेने से आप को कुछ रुकावट पैदा होगी। अभिजात कला में तो डेफिनेटली नहीं होगी। उपयोजित कला में हो सकती है, क्योंकि वह किसी इंडस्ट्री से जुड़ी होती है। आप वहाँ एक टीम का हिस्सा बनकर जाते हैं उस टीम का हिस्सा बनकर काम करना होता है। तो उसके लिए आपको पहले जॉइन करते वक्त ही पूछा जाएगा, कि आपने क्या सीखा है। आपका क्वालिफिकेशन बताइए? ऐसा है। थैंक यू सर।

प्रश्न: किसी भी कला के रूप को जीवन का जरिया बनाना आसान नहीं होता इसलिए किसी भी कलाकार के पास दृढ़ निश्चय या फिर अच्छा सहयोग होना बहुत जरूरी है। आप ये चीज लोगों को समझाने के लिए किन शब्दों का प्रयोग करेंगे?

उत्तर :- मुझे लगता है पहले इसी तरह से ये सवाल ऐसा ही था कि आपके अंदर जो मूलभूत प्रेरणा है, उस प्रेरणा पर विश्वास करने का; जो विश्वास करने के पहले मैं समझता हूँ उस प्रेरणा को समझ लेने की जरूरत है। आपको अंदर से क्या करना अच्छा लगता है मतलब उस चीज को करते हुए आप खुद को, दुनिया को, आपकी प्यास, भूख को भूल जाते हैं।

एक चीज तो निश्चित रूप से हर इंसान में होती है जहां पर आप बहुत ज्यादा आत्मप्रेरित महसूस करते हैं। आप को ये करना ही करना है। तो वो चीज है। उस चीज के आधार पर और अभी दुनिया में देखे इतना विस्तार हो गया है कि ऐसा जरूरी नहीं है की एक पहले से तय रास्ते पर चल के ही आप यश प्राप्त कर सकते हैं। आज दुनिया इतनी विस्तृत हो चुकी है की आप कोई भी चीज को अपने व्यवसाय में परिवर्तन कर सकते हैं। दुनिया में ज्ञान का विस्फोट हो चुका है। और अब ऐसे हम देखते हैं की कितने सारे लोग है।

जैसे अपने पढ़ाई के समय में वो बिल्कुल डफर कहलाए गए मगर आगे जाकर बहुत नाम कमा लिए। इसी लिए हम क्रिकेट का उदाहरण ले सकते हैं। सचिन तेंडुलकर का उदाहरण ले सकते हैं। तो ऐसा है अगर सचिन तेंडुलकर उदाहरण भी लेकर देखें तो हमें पता चलेगा की वो उसके अंदर जो पहली मूलभूत प्रेरणा है, उस प्रेरणा को उसने जी जान से जिया है। उसने अपनी जिंदगी बनाली उस चीज में। उस जरिए, उस क्रिकेट ने उसको सब कुछ दे दिया। ऐसे उदाहरण आप सब तरफ देख सकते हैं। जो भी लोग हैं उनके पीछे यही चीज होती है। आप कोई भी जैसे बड़े बड़े सोशल मिडिया प्लेटफॉर्म बनाने वाले मार्क जकरबर्ग की बात भी आप देखेंगे या फिर बिल गेट्स भी हों सकते हैं या इलोन मस्क भी हो सकते हैं। आप इनके बारे में भी पढ़ोगे तो आप को पता चलता है की जुनून ये जो है ना ये मूलभूत प्रेरणा से निकला हुआ जुनून है। जिससे क्या होता है की इतनी निष्ठा आ जाती है। उस निष्ठा की वजह से सफलता और बाकी जो चीज है वो दुय्यम लगने लगती है। तो आपको पहले ये देखने की जरूरत है की आपकी मूल प्रेरणा कितनी है। आप तकलीफ में काम मत करो।

आनंद के लिए काम करो। तो वो चीज आप कर रहे वो आगे जाके आप को सारी चीजे देगी। उस सारी चीजों में ज्यादा दिलचस्पी भी नहीं रहेगी। वो चाहिए इसी लिए मैं ये कर रहा हू। ये एक राझ की बात होती है उन सब लोगों की उनका कोई लक्ष्य नहीं होता की मुझे ये सब पाना है इसी लिए मैं मेहनत कर रहा हू। मेहनत करना ही उनके लिए आनंद की चीज होती है। और उसी से बाकी सारी चीजे बनती है। जैसे की मैं चित्रकला कर रहा हू। उस चित्रकला के जरिए मैं कुछ पाने की कोशिश कर रहा हू आगे जाके तो फिर ऐसा होता है की चित्रकला दुय्यम हो जाती है। और जो बाकी सारी चीजे पाना है वो मेरे लिए प्राथमिक चीज हो जाती है।

इसका मतलब ये हो जाता है की आप ने आपका जो हुनर है जो कला है उसका अपमान किया है। आपने उसे जरिया बना लिया कुछ चीजे पाने के लिए मतलब साधन बना लिया किसी साध्य को हासिल करने के लिए। तो ये दुय्यम बना दिया। जो आपकी मूल प्रेरणा है उसे दुय्यम नहीं बनाना चाहिए। उसे ही साध्य समझो। मैं चित्र को साध्य समझता हू। जब चित्र निकालने के लिए कैनवास के सामने होता हु तो मैं उसके प्रति आभार व्यक्त करता हु की ये जो मैं कर रहा हु इतना मुझे अवसर मिला यही बड़ी बात है। वो आभार क्या करता है वो उस कला को प्राथमिक रूप दे देता है। वो दुय्यम नहीं रह जाता है। फिर जो हासिल होना है वो तो होना ही होना है। अगर आप अच्छा करेंगे तो होना ही है। ये दुय्यम चीजे तो आनी ही हैं। ये जो दुनिया है ना ये एक रहस्य है। यह पे अगर धूप पड़नी है तो छाव पड़नी ही है। ये ऐसा नहीं है की धूप पड़ेगी तो छाव को कही से लाना पड़ेगा।

आप दिलसे काम करेंगे ना आप अच्छी चित्रकारिता करेंगे तो जो दुय्यम चीजे जो है वो आती ही रहेंगी। ये दुनिया ऐसे ही चलती है। तो मुझे ऐसा लगता है की हर किसी ने जैसे आपने पूछा की मैं चाहता हु की हर कोई ये पहले समझे की आप को करने को अच्छा क्या लगता है। अगर कला अच्छी लगती है मगर वो समझना बहुत जरूरी है सही तरीके से आपकी निष्ठा कृत्रिम नहीं होनी चाहिए। अगर आपकी निष्ठा किसी बाहरी चीजो के ऊपर निर्भर करता है। बाहरी चीजे बदलती रहती है तो आपकी निष्ठा हिलती रहेंगी। तो मूलभूत जो प्रेरणा होती ना वो कभी हिलती नहीं है दुनिया इधर की उधर हो जाए। मैं मेरे उदाहरण से देखता हु। मैं इतना साधारण तरह से सोचता हू की मेरी जिंदगी गुजर बस जितना मुझे मिल जाए तब भी ठीक है मगर मुझे चित्रकला करने को मिलना चाहिए हमेशा। तो उसमें आनंद इतना होता है की आपको बाकी सारी चीजे

फीकी लगती है। तो ये जो विश्वास है ये पहले आपको अंदर जाके ढूँढना पड़ेगा की क्या आपको अच्छा लगता है। तो इस चीज से एक दृढ़ निश्चय, दृढ़ विश्वास लेके आगे चलना चाहिए। तो फिर वो आपका जीने का जरिया भी बनेगा और उसमें से आपको यश भी मिल सकता है। तो मुझे लगता है यही निचोड़ है सारी चीजों का।

प्रश्न :जब आपकी रचना या चित्रकला खरीदने की बात आती है तो लोगों की क्या प्रतिक्रियाएं होती हैं ?

उत्तर : जो मार्केट सम्बंधित बातें हैं जैसे की, हम पहले थोड़ा आम तौर पर समझे उसका पृष्ठभूमि की हम ये चीजें क्यों खरीदते हैं ये हम समझ ले पहले चीजें अनेक तरह की होती हैं , जैसे कि शारीरिक जरूरतों की कुछ चीजे होती हैं फिर दूसरी होती हैं मानसिक जरूरतों की चीजें और एक तीसरी होती है वो शान से जुड़ी हुई चीजें होती हैं। मतलब एक तरह से बाकि लोगों से अलग दिखने के लिए वो चीजे होती है। तो ये तीन तरह से हम चीजे खरीदते है।

अब कला जो है वो जीवनावश्यक चीजो में नहीं आती जैसे की आप चित्र खरीदोगे नहीं तो आप भूके नहीं मरोगे, जैसे सब्जी खरीदना या ना खरीदना , धान राशन खरीदना ना खरीदना आपकी दैनिक जरूरतों से सम्बंधित है वो आपको करना ही पड़ेगा। तो कला उस वर्ग में भी नहीं आती तो बाकि जो चीजे हैं जैसे मैंने बोला मानसिक चीजे जैसे की आपने नया घर लिया उसको सजाया, अच्छा लग रहा है , आपने उसमें अलग रंग के परदे लगा दिए वो एक थोड़ा सा मनोवैज्ञानिक अनुभव देता है , शांति देता है इसलिए हम थोड़ा मानसिक तरह से खरीदारी करते हैं वो भी थोड़ा जरूरत से सम्बंधित है और तीसरी जो है उसे हम जरूरत नहीं कह सकते जैसे की ब्रान्डेड चीजे।



हम शर्ट नहीं खरीदते हम ब्रांड का शर्ट खरीदते हैं तो वो चीज़ कही जाती है जो जरूरत के थोड़ा ऊपर चली जाती है। ब्रांड की शर्ट न खरीदने से भी आपका तन ढकेगा ही ना, अगर आप लोकल भी कोई चीज़ खरीदते हैं तो भी आपका तन ढकेगा। अगर वहा ब्रांड शब्द आता है ना तो वो शान की चीज़ आती है, ये तीसरी वर्ग में चला जाता है। मगर आप कार खरीदोगे तो आपको BMW चाहिए या मर्सिडिज़ चाहिए या इससे बड़ा कोई और ब्रांड चाहिए तो ये जो चीज़ आती हैं शान से सम्बंधिता फ़ोन को देखेंगे तो iphone चाहिए। उसका जो चिन्ह है वो आपकी शान बढ़ता है। एक सम्पूर्णता का एहसास दिलाता है। आपको दूसरों से बेहतर दिखता है तो चित्रकला जो है ना वो शान के आसपास लेने वाली चीज़ है।

उसके अगर थोड़ा निचे जाकर चित्र क्यों खरीदते है तो वो घर में लगाने के लिए खरीदते हैं जो हमारे घर की सुंदरता बढ़ता है। दूसरा आता है कि मेरे पास किस कलाकार का चित्र है ये दिखने के लिए लोग चित्र खरीदते है। अगर वो कलाकार बहुत नामचीन है तो उसका चित्र खरीदके वो लोग अपनी क्षमता का एहसास करा सकते है। जैसे मेरे पास एम. एफ. हुसैन का का है। अगर वो कहते है की मेरे पास एम. एफ. हुसैन के चित्र है मतलब ये हुआ की मैं करोडे रुपये खर्च करने की काबिलियत रखता हूं। तो ये क्या हो गया एक स्टेटस सिंबल हो गया। तो चित्रकला को करते वक्त आपको ये समझना है की आपको यदि अभिजात कला मतलब fine आर्ट जो मैं करता हूं वो जो कला है अगर वो आपको आगे लेके जानी है तो आपको समझना चाहिए की वो शान से जुड़ती जानी चाहिए, अगर मार्केटिंग स्ट्रेटर्जी आपके दिमाग में है तो।

अगर आप काम के प्रति समर्पित हैं तो आपका नाम, आपका ब्रांड अपने आप बढ़ता जायेगा और जैसे जैसे आपका नाम, आपका ब्रांड बढ़ता जायेगा वैसे वैसे जो ऊपर वाले वर्ग के लोग हैं वो शान वाले लोग है उनसे आप जुड़ते जायेंगे। शुरुवात में आपसे जो लोग जुड़ते हैं, उनको आपका चित्र अच्छा लगता है वो उसको घर में लगाना चाहते हैं क्योंकि आपने बहुत अच्छा काम किया है। तो शुरुवात जो ग्राहक है वो इस तरह के होते हैं। और जब आप ब्रांड बन जाते हैं तो आपने क्या किया है वो मायने नहीं रखता, आपकी एक signature के लिए लोग आपका चित्र खरीदते हैं, ऐसा भी होता है। जैसे आपके पास iphone है तो आपने देखा होगा की बहुत सारे लोग आईने में देख के सेल्फी लेते हैं क्योंकि वो आईने में दिखे की मेरे पास साधारण फ़ोन नहीं है मेरे पास एप्पल का iphone है। अभी इतना तो नहीं पर ज्यादातर लोगों के पास iphone है। कुछ वक्त तक बस कुछ ही लोगों के पास

iphone था तो ये सबके पीछे की मनोविज्ञान को समझना पड़ेगा। फिर हम उपयोजित कला (commercial art) के बारे में बात करे तो ये सब चक्कर उसमे नहीं होता। उसकी शुरुवात बहुत नीचे से होती है जैसे की आपको कोई सेट डिज़ाइन करना है तो ये कोई शान की बात नहीं है ये तो काम है, सीधा कोई फिल्म का सेट डिज़ाइन करने के लिए कलाकार चाहिए था या फिर कोई एनीमेशन की कोई फिल्म बन रही, या कोई विज्ञापन बन रहा है तो उसमे एक कलाकार चाहिए ये कोई शान की बात नहीं रही वो एक जरूरत है तो ये उपयोजित कला का है वो इतना शान से जुड़ा नहीं है। आगे जाकर ऐसा हो सकता है की आप आगे चलके विशेष कलाकार बन गए तो आपसे चित्र बनवाने में शान आती है तो इस तरह से उपयोजित कला नीचे से लेके ऊपर तक सभी के लिए फायदेमंद है, सामान्य आदमी से लेके एकदम अमीर तक। और जो अभिजात कला है वो कोई गांव के लोग नहीं खरीदते। अपने घर में लगाने के लिए वो फोटो से ही खुश हो जाते हैं तो चित्रकार का चित्र खरीदने की जरूरत उसे नहीं लगती। तो अभिजात कला के खरीददार का एक स्तर मतलब आर्थिक पय्या है, एक ऊपर का वर्ग है उस वर्ग के नीचे के लोग कलाकृति नहीं खरीदते तो ये सारी चीज़ों का बहुत महत्त्व है आपको चित्र का मार्केट समझने के लिए।

प्रश्न :आपकी कलात्मक यात्रा कैसी रही? अपनी यात्रा के दौरान आपने अपनी समस्याओं और असफलताओं का सामना कैसे किया ?

उत्तर :- मेरी कलात्मक यात्रा बहुत ही रोमहर्षक और अद्भुत रही! जैसे मैंने पहले कहां उम्मीद गाय और भैंसे चराने की थी। फिर आगे चलकर मेरे प्रौफेशन के दूसरे पड़ाव में मुंबई जहांगीर आर्ट गैलरी के बाहर फुटपाथ पर एक कला प्लाज़ा है वहां मैं 50 रुपये में पर्यटकों के पोर्ट्रेट बनाता था। और आज मैं

दुनिया के मशहूर पोर्ट्रेट कॉन्फरन्स में पोर्ट्रेट बनाता हूं और अमेरिका (यूएस) में २०१६ से २०१९ तक चार बार अपने देश का प्रतिनिधित्व करने का सौभाग्य प्राप्त हुआ। सफलता और असफलता के बारे में मैं कहूंगा कि आप जिसको आज और आपकी युवा अवस्था में असफलता कहते हो वो आगे जाके अपने जीवन और सफर के सारे बिंदु जोड़ते हैं। तो हमें हर एक घटना का महत्व पता चलता है और उस घटना से जिंदगी के आयाम और दिशा तय होती है। मूल प्रेरणा पर आप काम करते हो या आपको जो जिंदगी मैं अच्छा लगता है वो करते हो तो सफलता और असफलता उप-उत्पादित होता है। जब आप सफल या असफल होते हैं तो उसका मानसिक असर आपके ऊपर नहीं होता, क्योंकि सफलता और असफलता समाज के मापदंड के आधार पर निर्भर होती है और आपकी जो मूल प्रेरणा है वो समाज के मापदंड के आधार पर तय नहीं होती वो जन्मजात होती है। और जो जन्मजात होता है, वो असफलता और सफलता से विचलित नहीं होता।

क्योंकि, सफलता असफलता इसका मूल कारण नहीं होता, वो मूल कारण आपके अंतस्थ में पहले से आपके जन्म के साथ पैदा होता है। इसलिए सफलता और असफलता को देखने का आपका नजरिया तटस्थ होना चाहिए। आप लोग भी सफलता और असफलता को अपनाने का अविभाज्य अंग समझने की आदत डालो। ना सफलता में आपको गर्व से फूलना है और ना ही असफलता से मुरझाना है। अंत में मैं बस यही कहूंगा की सफलता और असफलता अपनी दृष्टि पर निर्भर करती हैं, अगर आप ही मूल प्रेरणा के आधार पर कोई भी काम करते हो तो सफलता असफलता आपके लिए सिर्फ उप-उत्पाद की तरह है, जो आते-जाते हैं, और आप अपना काम उसी लगन के साथ करते हैं और वही करना आपको अच्छा लगता है। यह बस नजरिये की बात है।

प्रश्न : सर, हम सभी जानते हैं कि आपको अनेक पुरस्कारों से सम्मानित किया गया है। प्रत्येक कलाकार के जीवन के कुछ अमूल्य क्षण अवश्य होते हैं, जो हमेशा याद रह जाते हैं। आपके जीवन के कुछ ऐसे क्षण को आप साझा करना चाहें।

उत्तर : पुरस्कारों की यदि हम बात करें तो ये सहायक वस्तुएं हैं। आप अपने मूल प्रेरणा से प्रेरित होकर अपना प्रिय कार्य करते हैं। उसके फलस्वरूप आपको पुरस्कार मिलते हैं। ये पुरस्कार हमारे लिए प्रेरणा का ही काम करते हैं। इन्हें हम प्रेरणा के बाह्य स्रोत कह सकते हैं। ऐसा नहीं है कि पुरस्कार मिलने पर ही आप काम में लगे रहेंगे या पुरस्कार ना मिलने से आप काम करना बंद कर देंगे। पुरस्कार को हम 'चेरी ऑन केक' कह सकते हैं। पुरस्कार मिलने से हमें और ज्यादा प्रेरणा मिलती है, स्वयं पर विश्वास और दृढ़ हो जाता है तथा अच्छा महसूस होता है।

जीवन के अविस्मरणीय क्षणों की बात करू तो ऐसे कई क्षण हैं ; उन में से एक की चर्चा करना चाहूंगा –

स्कूल के समय में पढ़ाई पर ध्यान नहीं देता था। इस वजह से परीक्षा में उत्तीर्ण नहीं हो पाता था। नवमी कक्षा में भी ऐसा ही हुआ। मेरी ऐसी दशा देखकर पिताजी ने यह मान लिया था कि मेरी काबिलियत गाय – भैंस चराने की ही है। जब वे मेरे भविष्य को लेकर बिल्कुल आशाहीन हो गए तब मैंने पढ़ना शुरू किया यानी स्कूली अभ्यास प्रारंभ किया। परिणामस्वरूप मैंने ठीक – ठाक अंकों से नवमी कक्षा पास किया और दसवीं कक्षा में मुझे फर्स्ट क्लास विद डिस्टिंक्शन मिला। इसे एक उदाहरण से यदि समझें तो , जब तक एक ड्राइवर गाड़ी चला रहा होता है, तब तक हम आराम से बैठे होते हैं लेकिन यदि ड्राइवर (शिक्षक या अभिभावक) ना हों तो आपको लगता है कि स्टीयरिंग को तो संभालना पड़ेगा नहीं तो गाड़ी कहाँ जाएगी !



ठीक ऐसा ही मेरे साथ भी हुआ। इसके बाद फिर आगे की पढ़ाई के लिए विचार विमर्श करने पिताजी खुशी खुशी स्कूल गए तो सभी विषय के शिक्षकों ने अपने अपने विचार रखे। गणित में कम अंक होने की वजह से शिक्षक ने कहा कि इस संबंधित विषय में इसकी रुचि नहीं रहेगी। ऐसा ही अंग्रेजी के शिक्षक ने भी कहा। चूंकि भाषा के विषयों और इतिहास के विषय में मेरे अंक अच्छे थे तो हम इस निष्कर्ष पर पहुँचे की बी. ए. की पढ़ाई मेरे लिए उचित चयन होगा। ये सब कर के हम बाहर निकल ही रहे थे की विद्यालय के द्वार पर हमें मेरे कला विषय के शिक्षक मिल गए। उन्होंने आने का कारण पूछा, हमारा जवाब सुनकर उन्होंने हमें स्टाफ रूम में चलने को कहा। वहाँ जाकर उन्होंने पिताजी को बैठने को आग्रह किया और

कहा कि यह विद्यार्थी (मैं) कला में बहुत ही अच्छा है ; तो इसका नामांकन किसी कला के विद्यालय में हो तो इस क्षेत्र में यह बहुत अच्छा करेगा। अपने शिक्षक की बातें सुनकर मुझे आश्चर्य हुआ कि कला की भी पढ़ाई होती है और इसके लिए विद्यालय भी हैं। उस वक़्त मुझे इस बात का ज्ञान नहीं था। तभी मैंने ठान लिया था कि पढ़ाई करूंगा तो कला के ही क्षेत्र में ; यह मेरे जीवन का मुख्य मोड़ था जिस वजह से आज मैं यहां हूँ जहां आप मुझे आज देख रहे हैं। वरन आज मैं यदि किसी दूसरे क्षेत्र में कुछ अच्छा भी कर रहा होता तो शायद खुश ना होता। यही घटना मेरे लिए अविस्मरणीय है।

प्रश्न: आपके अनुसार एक महान कलाकार बनने के लिए किन गुणों की आवश्यकता होती है ?

उत्तर :आपकी महानता दो प्रकार की होती है। पहली महानता की व्याख्या मुझे ऐसी लगती है कि पहले आप अपने नजर में इज्जत रख पाओ और महान बने रहो। वो तब होगा जब आप अच्छे इंसान होंगे और अच्छे इंसान बनने के लिए आपका संतुष्ट और खुश होना जरूरी होता है। दूसरी महानता की व्याख्या जो समाज बोलता है कि तुम बड़े बड़े पुरस्कार पाओ, बहुत पैसा कमाओ। समाज उन्हें महान नहीं बोलेगा जो खुश हैं, संतुष्ट हैं। मुझे ऐसा लगता है समाज की व्याख्या अप्रधान है। पहले आपको आपके नजरों में इज्जत कमाना होगी। जो पसंद है वो करो जो अच्छा लगता है वो करो और कोशिश करो वही अपने जीवन का जरिया बने, तो आपको आनंद मिलेगा। ऐसे आप अच्छे आदमी बनोगे, अच्छे इंसान बनोगे समाज में अच्छाई का एहसास होगा लोगों को और आपका काम आगे जाकर आपको पुरस्कार, पैसा और नाम भी देगा। दोनों व्याख्या आप पर फिट बैठेगी।





Utsavam
Festival Section

Utsavam

Festival
Section

Many times in our lives we are not able to comprehend the fact that what is happening around us. We cannot understand our problems and thus cannot find the solutions to them either. But in that adversity also we tend to survive and grow. Just like a cipher, we find the secret to success and then thrive on it.



Meet the
Team



SECTION HEAD
Anirudh Raina
T.Y. - Civil

Members



Divya Chaudhari
S.Y. - Comp



Falguni Charade
S.Y. - Mechanical



Nakkul Aggarwal
T.Y. - Comp



Nandini Barkul
S.Y. - Comp



Simran Koul
T.Y. - Comp



Vedant Dawange
S.Y. - Comp



MIT | Academy of Engineering

(An Autonomous Institute Affiliated to Savitribai Phule Pune University)

MIT Academy of Engineering



EquiliBrium

National Level Tech Event

Robotics Club	Aero Club	Math Club	Srujan Club
Brain Wreck	Uddan	Brain Wreck	Brain Wreck
Spark Club	Mozilla Club	Animixs Club	AutoSport Club
Brain Wreck	Brain Wreck	Brain Wreck	Brain Wreck
CodeChef Club	GirlScript Club RedX Club	Google Developer Club	
Brain Wreck	Datathon	Brain Wreck	

The Inception of Equilibrium

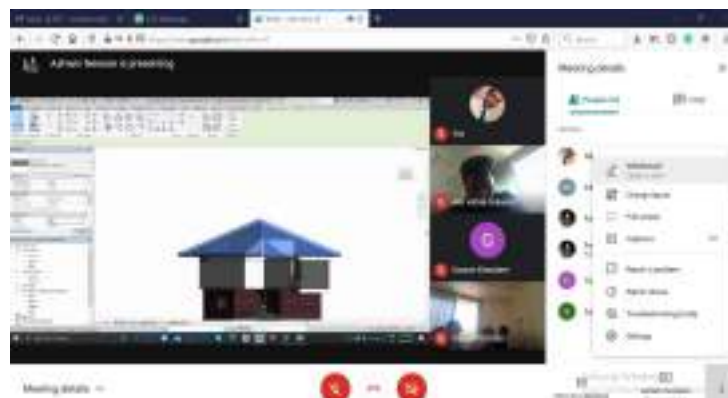
MITAOE is aimed to create and maintain a safe, healthy, and conducive environment and culture that synthesizes the intellectual, technical, physical, social, emotional, and ethical development of students in a holistic way.

There are 24 clubs at MITAOE which nurture versatile personality of a student.

The technical Clubs of MITAOE has launched a multi-dimensional Technical event from 2021 named as 'Equilibrium'.

'Equilibrium 2021' a national level technical competition. This will be a platform where young and innovative talent will share and demonstrate their expertise, knowledge and skills and get praised by academia as well as industry.

This time, considering the unprecedented circumstances of the COVID-19 pandemic, Equilibrium was organized virtually (online) during 16-17th March 2021.



Scope of Equilibrium

Equilibrium has witnessed more than 10 competitions and events conducted in the emerging and cutting-edge technologies in the fields of Robotics and Automation, Augmented and Virtual Reality, Internet of things, Artificial Intelligence, Data Science, Aerial Vehicle, Automotive vehicle, Mobile and Web App Development, Product Development and so on.

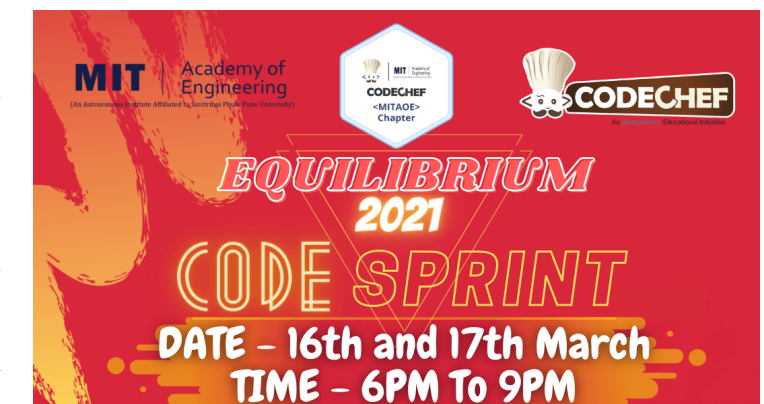
Following are the names of the events floated by respective clubs:

1. Brain Wreck- Robotics Club
2. Udaan- Aero Club
3. Math-Script – Axes Club
4. eXEMPLER- Srujan Club
5. Techno-Philia- Spark club
6. Ignited Entrepreneurs - Mozilla Club
7. Game Jam- Animix Club
8. Kart-Cam- Auto-sport Club
9. CodeSprint – Code-Chef Chapter- Coding Club
10. Datathon- by Girlsript Club and REDx Club
11. Flutter Boot Camp- Google Developer's Club, App development.

The event was led by Dr Vaishali Wangikar as a chief convenor, Prof. Shridhar Khandekar as Convenor of the event.

Equilibrium provided ample opportunities to remarkable performers in terms of attractive prizes, national recognitions, and Internship and placement opportunities from professional bodies.

There were 450+ registrations from all over India and 500+ students has participated in it. The event was sponsored by more than 10 sponsors along with Autodesk which was platinum sponsor for this event.



Nakshatra' 2021

Nakshatra is the annual Socio-Cultural gathering of the MIT Academy of Engineering. It provides the platform, where one can unleash his talent and ignite the stage with their marvellous performances. This event is conducted for an entire week. Every day of the week is celebrated with a different theme consisting of fun games, and activities. The themes are traditional day, group alike day, saree day, and many more which keep changing with each Nakshatra. Then comes the most awaited last two days of Nakshatra! These are filled with enthusiastic performances, alluring notes, dramatic plays, zestful moves, and much more. Also here every department has its eyes on the sports shield. This used to be the most breath-taking moment as every department had rigorously competed in the annual sports meet to reach the pinnacle.



But now, due to this Global pandemic, everything is shifted to virtual mode. MIT AOE has been the first college in Pune to conduct the gathering in virtual mode. The cultural gathering NAKSHATRA 2021 was on the 14th and 17th of March on virtual platforms. This two-day event comprised of Prize Distribution Ceremony on 14th March, which was conducted on the GoToWebinar platform to honour those who have excelled in academics, extracurricular activities or anything else we are here to celebrate their achievements followed by a cultural night on 17th March, which streamed live on YouTube where students of MITAOE showcased their talents through dance, singing and other performances.

Prize Distribution Ceremony 14th March 2021

The Prize Distribution Ceremony of NAKSHATRA 2021 aimed at honouring and awarding those who excelled in academics, co-curricular, extra-curricular activities and other national as well as international achievements. It was held on 14th March from 7 pm to 9 pm. The event was attended by respected Director Dr. Mahesh Goudar Sir, Deputy Directors, Deans of the schools, teaching staff and the students as well as few Alumni. The event was led and executed successfully under the guidance of Dr. Vaishali Wangikar Mam and Mr. Amit Sonawane Sir.

Abiding by the beautiful tradition of reciting the World Peace prayer before the commencement of any celebration, this event too marked the beginning of the event by reciting the World Peace prayer.

The start of the event comprised of awarding the students who excelled in academics. All the toppers from the second year, third year, the final year of all Departments and also the first-year toppers were felicitated during the award and they have been given E-certificates.

Students were achievements like Best Research Paper Awards, Gokarting, SIH winners, AGBA award winners, AWS Cloud Practitioners and various other achievements were felicitated during the event. Students winning national level project competitions, Smart India.

Hackathon winners were also felicitated. These students were given best wishes by the faculties and have proven to be motivation for their peers and juniors.

Not only the students, but the faculties were honoured for their achievements. The Dean of SMCE (School of Mechanical and Civil engineering) and two professors of SMCE were felicitated for completing their PhD in Mechanical Engineering. Other faculties from SMCE who completed their Degree (higher studies) or won other awards were congratulated. Dean of SEE was felicitated for the Springer book chapter and other Professors from SEE for their achievements like Patents, copyright of the book, and a lab assistant who was honoured for making a Hand sanitiser machine. The list of faculty achievements has been never-ending as to the first-year teachers completing their PhD, library management staff completing their Master's degree and so on. Faculties from SCET were also felicitated for the Patents and book chapter and research paper publishing.

This was followed by Alumni Felicitation where the Alumni were praised for their outstanding work and contribution. Some of them included the founder of Pune Ploggers, one of our Alumni who has been a speaker at international events, summits, some for completing Mtech with flying colours, others for winning national level project competitions. We have Alumni with a never-ending list of achievements, some can be seen as Engineers in Indian Railway, Brigadier in Indian Army, admitted for MBA at IIM Rohtak, and others getting their Research work funded and so on. All the alumni were encouraged to stay connected and inspire the juniors.

Next followed the NPTEL Awards for Excellence wherein faculties as well as students with Gold+Elite Awards were felicitated. Then came the moment when Student Council members were congratulated for being selected and elected for various posts and their contribution in arranging the event was appreciated. The Student Council members namely Vikas Biradar (President), Manisha Choudhary (Secretary), Janhavi Chadawar (Ladies Representative), Tanmaee Rakvi (Cultural Secretary), Kunal Hole (NSS Coordinator), Amit Nawale (Sports Secretary) were all congratulated by the faculties.

In the next segment, the Best Students of the different clubs of the College were awarded. Students from Literary Club, Goonj Club, Menace Dance Club, Maths Club, MIT Aero club, ROBOCON and other clubs were awarded. Then the college Magazine AjaanVriksha 2020 Committee members were felicitated. This included the Chief faculty editors, Student editors, Hindi, Marathi, English section heads

and also the Arts, Technical section heads were felicitated. Apart from this, the students with NSS Achievements were encouraged and appreciated for their selfless social service towards society wherein they dedicated their time and efforts for the betterment of society. This was followed by awards of Sports winners where the inter-departmental and inter-college winners were felicitated.

The following set of awards were given to faculty and all the students for International Youth Mathematics Challenge. The Under 25 Felicitations followed this. The faculty coordinator and all the students who were part of the team were felicitated for the successful event of the Under 25 Summit. Famous Stand up comedians and youth inspiring icons were a part of the Summit organized and arranged by the Under 25 team.

This was followed by the most awaited set of awards which were Director's Awards given to students with excellence in all-round activities apart from academics. The Best All-Rounder Student and Best Outgoing Student of the Year are the two most prestigious and sought Awards, where students from all departments compete and the winners were decided after a rigorous interview procedure. The Best All-Rounder Student of the Year award was received by Ms Manisha Choudhary of SEE and Ms Muskan Pandey from SCET was awarded MAESTRO – The Best Outgoing Student of the year Award. Director Sir announced these awards and both the students were congratulated with applause by Director Sir and all the Faculty staff present in the event.

Cultural Night

17th March 2021

MIT Academy of Engineering, Alandi

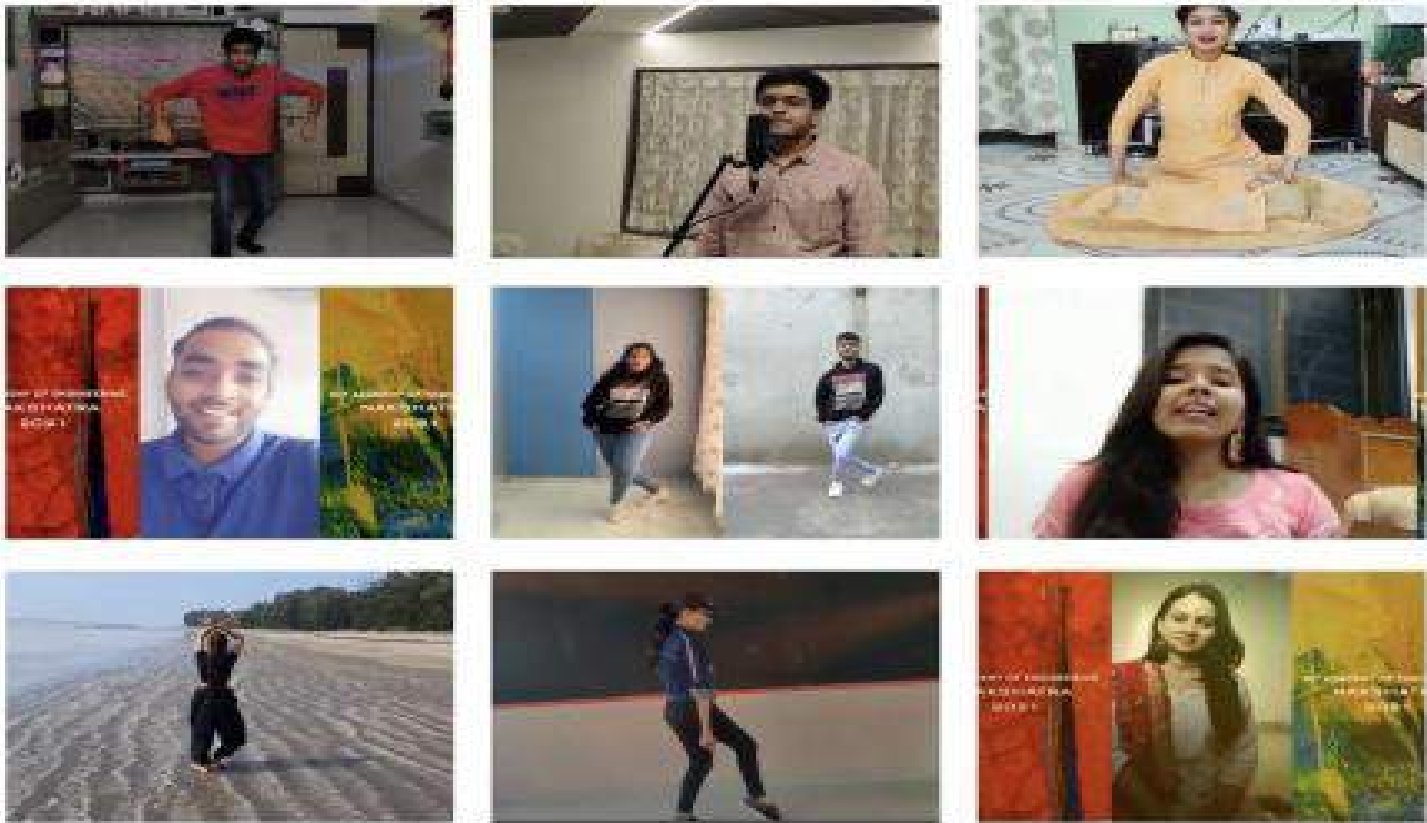
Platform: YouTube Live (Pan India)

Nakshatra's cultural night event, just as every year, was carried out as it is with one change, instead of the live stage performance, the participant's pre-recorded videos were compiled into one and then broadcasted via YouTube Live. On 17th March 2021, the MIT Academy of Engineering live-streamed the cultural event at 7 pm sharp, making them the first college in Pune to do so. The stream started with an introduction of the event and a warm welcome to the dignitaries present Director, Dr Mahesh Goudar; Deputy Director, Dr Nitin Rane; Dean Student Affairs, Dr Vaishali Wangikar; Nakshatra Coordinator, Mr Amit Sonawane; Faculty Coordinators, Mrs Mayuri Pokharna, Mr Dhananjay Deore, Mr Nikhil Sardar; all department Deans and teaching and non-teaching staff. This was followed by the lamp lighting ceremony, recitation of Pooja and World Peace Prayer. Further, the anchors for the night, Ms Vidhi Thakare and Mr Sanskar Sharma introduced the Student Council 2021. The President, Mr Vikas Biradar gave an introductory speech and then, Mr Amit Sonawane Sir, Nakshatra Coordinator, uplifted the spirit of the event with the words 'Corona, kyu rona? Kuch to hungama karona!' Continuing the spirit of Nakshatra'21, the honourable Director, Dr Mahesh Goudar presented the Annual report of MIT Academy of Engineering. The Cultural Night was declared by the Deputy Directors, Dr Nitin Rane and Dr Shitalkumar Jain. The Vote of Thanks was delivered by the Cultural Secretary, Ms Tanmaee Rakvi.



The enthusiasm of the cultural night was carried on with the power-packed performances. The vibrant and lively dance performances were given by Gauri Gupta, Ankita Khedekar, Kaustubh Shelar, Pratiksha Rale, Rachana Wasnik, Tanmaee Rakvi, Raman Pareek, Suyash Shinde, Vanshika Sonekar, Mansi Navangul, Vaishnavi Rathod, Dimple Thoke and Pranjali Pandhare. The melodious music and singing performances were showcased by Rajkasar, Krishna Dhoot, Prajakta, Nivedita Magdum, Prathamesh, Mayank Mishra, Krantisinha Jagtap, Nakul Agarwal, Neha Chitrakar and Parth Gorvakar. Mr Shailesh Bhokare recited beautiful poetry and the magical night of astounding performances came to an end with an amazing piano performance in memory of the late actor, Sushant Singh Rajput by Mr Nikhil Sardar Sir. The program ended with Pasayadan. By the end of the live stream, the video had

over twenty-five hundred views and plenty of live comments from the students of MIT AOE appreciating the efforts of all the dignitaries, coordinators, dedicated student council members, the anchoring, dance, music and singing teams, volunteers, participants, the deans of all the departments, all the teaching and non-teaching staff and all the members of MIT AOE, and those who directly or indirectly contributed who warranted a successful event. The event was a big hit and all had attended the event enthusiastically. Despite the virtual mode, the charm and excitement of the Prize Distribution did not fade due to the contribution of the Faculties, Student Council members, the anchors and all the staff. We thank all of them for making all the arrangements and devoting their time to making this gathering successful.





AjaanVriksha' is the official cultural magazine of MITAOE. When little creative minds are pricked and praised, they erupt like a volcano of creative wonderings. In this year of uncertainties and challenges, Ajaanvriksha came up with yet another season of Inkit 2020, an exciting and informative workshop cum competition. Where our young and prolific writers tapped the secret of creative writing skills.

The very passionate writer of the Marathi section, Divya Chaudhari hosted the event. The workshop started with a brief introduction to the event. Ahead of that, she introduced all the creative writers. The first speaker for the day was Vidya Lad, head of the English section and the powerhouse of vocabulary. She revealed her secret to spill magic through writing from the aspect of English literature. With her eloquent and amazing interactive skills, she almost took away the minds of the attendees. She believes that consistency is the key to become a potent creative writer. She managed to grip the audience and suggested ways to workout the brain when it goes blank.

Next up was Triveni Gaidhane, head of the Marathi section, a very soulful and astonishing writer. She believes that regular reading and writing comes helpful for content writing. She enlightened participants with some unknown and magical secrets of Marathi writing and how one can use them in their write-ups.



Then came the Hindilinguaphile, Abhilash Kumar. He, the head of the Hindi section, has exceptional writing skills and is an inspiring personality. He first covered Hindi grammar, which is the base of linguistic skill development. He believes that Hindi should become a mainstream language. He explained the methods of triggering creativity and produce fascinating written works.

The workshop concluded by inviting the participants to register for the competition and use the hacks and tricks they discovered in the workshop. So they can channelise their imagination and create beautiful writing masterpieces through Inkit. We were so glad to receive such a heartwarming response from all the attendees.



Recreational Clubs

Recreation is not the highest kind of enjoyment, but in its time and place is quite as proper as prayer.

- Samuel L. Prime



MIT AERO CLUB

MITAOE Aero Club is the Official Aeromodelling Club of MIT Academy of Engineering. The club works in the field of designing and manufacturing Unmanned Aerial Vehicles. The team ideates, designs, develops and manufactures RC Planes and Quadrotors.

Internship:

During June and July 2020 a 4 week Online Internship Program on "RC Plane and Drone Design" was conducted. A total of 41 interns were trained in the field of aeromodelling and drone making. The interns were from Second Year and Third Year Engineering from Electronics, Computer, IT, Electronics and Telecommunication, and Mechanical branches.

Liberal Learning course:

The club is currently conducting Liberal Learning Courses from 18th October with 13 Participants in RC Plane and 40 Participants in Drone. In this course the students are taught about the complete process of Designing and Manufacturing of RC Planes and Drones along with various software tools required in the process. Students are given a deep dive in the topics as well as hands on learning experience.

UDAAN (Drone Ideation Competition) under Equilibrium 2k21:

Under the umbrella of National level Equilibrium event MITAOE Aero conducted Udaan event during 16th & 17th March, 2021. Total 12 teams



came up with Drone based problem statement and solution for it. Event was sponsored by AutoDesk.

Club coordinator : Savita Pawar, SEE
Student coordinator : Sumit Sakarkar, SCIT
Staff coordinator : Gajanan Vyawahare, SEE

SAE ADC 2020:

The SAE Aero Design competition is intended to provide undergraduate and graduate engineering students with a real-life engineering challenge. The competition has been designed to provide exposure to the kinds of situations that engineers face in their real-life work environment. MITAERO have been an active participant of SAE ADC. The year 2020 has been a great year for MITAOE's Aeromodelling club as the team Falcon a part of MITAERO, achieved AIR 6 in SAEADC 2020. Team Falcon have proved that "desires are the starting point of all achievements, if you are disciplined and determined you will get anything done".



AALEKH

The Art Elated club of MIT-AOE “AALEKH” organised various events in the year 2020. Each of them gave the students a chance to explore themselves in the field of art. But due to this pandemic, all the events conducted were in ONLINE mode. Here’s the events that it conducted:

Artisia 2020:

On occasion of World Art Day AALEKH organized Artisia 2020 event on ONLINE platforms. Platforms used for connecting maximum participants was Instagram (@mitaoe_aalekh). The competitions and workshop organized were open for all. The event was organized from 13th April – 17th April 2020. The event organized were:

- Artists in Action
- Art Mystery
- Creative Snaps
- Art and You in A Flash
- ARTISTIC affair
- State-of-the-Arts

The winners for the competitions were:

Art and You in a Flash: 1. Tejas Limbani

Creative Snaps: 1. Shreyas Dhane

2. Abhinav Dāte 3. Suraj poche

•

Art Fair: During Country Wide Lockdown period, AALEKH - The Art Elated Club.

MITAOE, invited all the creative minds to work on their creativity. One initiative taken by the club was online Art Competition “Art Fair” for a duration of 8 days from 13 June 2020 to 21 June 2020. The competition was open for all age groups. The competition was held in online mode using Instagram platform. There were 2 different topics for the competition: 1) ORIGINAL VS DRAWING 2) 3D-ARTWORKS. There was 45+ registration for the competition, from all over the colleges and schools of India.

Palm art Monday and Thursday: AALEKH - The Art Elated Club MITAOE, came up with a very new and interesting event to boost up the energy of the artists. In corona pandemic situation club organized the palm art Monday and Thursday for one month from 25 may 2020 to 25 June 2020. In this particular competition club had put some interesting palm art outline template along with an example and uploaded it on the club’s Instagram handle @mitaoe_aalekh and were asked everyone to showcase their talent and creativity by creating some beautiful arts through the provided templates and for submitting the art club gave 24hr for participants and every art works submitted by participants were uploaded on Instagram story. The event was free and open for all In this, some went digital while some did it on paper.



The Wednesday show: Artist in action

One initiative taken by the club was online Art Video Tutorials “THE WEDNESDAY SHOW” from 08 July 2020 to 05 August 2020. The video tutorials were open for all. The workshop was held in online mode using Instagram and YouTube platform. The Wednesday Show consisted of four different workshops: 1) CALLIGRAPHY 2) MANDALA 3) ORIGAMI 4) NEGATIVE SKETCHING

Navaratri:

To make the virtual Navratri more interesting Aalekh thought of Why not make the celebration more colorful. Thus, club decided to post artworks having the specific color dominance according to the color theme of the day. Showing the significance of the color on that day.

Lockdown wali Diwali:

AALEKH - The Art Elated Club MITAOE, during the pre- Diwali period, CLUB came up with the beautiful tutorial video series in the name of “Lockdown wali Diwali” comprising of diya décor, lantern making, home décor and more such stuffs. The initiative was taken by the club to make this lockdown Diwali some extra happening and a creative one. In this event, club members created some exciting simple DIY videos for home décor to have this Diwali, so as to inspire people to create their own décor for themselves to bring out an artist out of them.

World suicide day:

Club took an initiative to spread awareness on suicide with theme ‘Working together to prevent suicide’ on the occasion of World Suicide Prevention on 10th September. Artist represented their message By their Art Works which were displaced on social media page. “Even the darkest night will end and sun will rise, have ray of HOPE note ROPE.”



DANCE CLUB



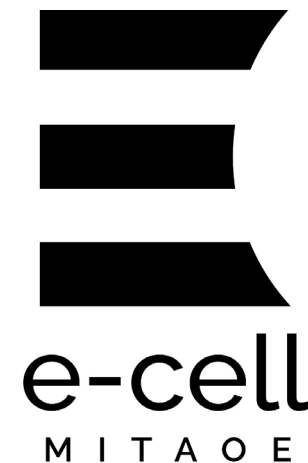
Women Engineers day:

The Menace dance club of MIT Academy of Engineering celebrated International Women engineer's day on Tuesday, 23rd June 2020. Under this program, the club carried 3 activities.

Historically, the engineering, science, technology and mathematics were deemed to be predominantly male. Among these men were few great women who wrote history like Katherine Johnson (One of the most famous female mathematicians, who crunched the number of NASA's first space missions), Marie Sklodowska (The only women of science to win the Nobel Prize twice in two different scientific fields. They paved the way of coming generation for women to able to make and excel in these sectors. As women in one of this sector, Menace dance Club is extremely thankful to all the brilliant women who came before us and gave us a chance to prove our worth. Celebrating the International Women in Engineering day, 4 members of the club made a dance video to pay a small tribute to them.

Pass the Tune Challenge:

On 29th April, which is an International Dance Day, Menace Dance Club put forth an open for all challenge called 'Pass the Tune Challenge'. Tanmaee Rakvi coordinated the event and Dain Shaji and Gautami Chati took care of all the poster/video editing and merging. A dance cover with twenty five members of the dance club came together to choreograph and perform a dance to 'Liggi' by Ritviz, which was premiered on Dance club's Instagram socials and along with the performance the challenge was declared open. In this challenge participants had to choreograph and perform dances with their friends in a manner similar to the club's performance. This challenge required groups of friends to work together and perform while being a fun activity to engage in during the times of a pandemic. The club received a few entries for the challenge which were featured on the Instagram account of the club.



With National Level Awards like the 'National Entrepreneurship Challenge' by IIT Bombay and 'Best startup club' by Wadhvani Foundation, the Entrepreneurship Cell of MITAoE has grown a lot in the recent years. We started off as a small club in 2018 with an aim to promote entrepreneurship among the students of MITAoE and here we are in 2020, with 19 startups from our very own students of MITAoE registered with the MITAoE Entrepreneurial Foundation and Incubation Centre.

Support for Startups:

Following student startups received Seed Funding:

- Preskilet
- Go green
- Rexes Innovations
- Kosity Food
- Tool for Touchless Operations
- Battery Life Management System and Method
- Puran making machine

Collaboration and associations:

Following MoU's were signed during the year 2020-21:

- MoU between Dynamics Legal and Financial Consultants & MITAOE Entrepreneurial Development Foundation
- MoU between Finstreet & MITAOE Entrepreneurial Development Foundation
- MoU between Navayuvak Entrepreneurs & MITAOE Entrepreneurial Development Foundation
- Mr. Nilesh Kokate, Assistant General Manager, HiTech Blue Labs visited MITAOE & mutual scope was discussed regarding collaboration.

Events:

Following events were conducted by Entrepreneurship Development cell and MITAOE Entrepreneurial Development Foundation:

1. ESummit'21:

E-Summit '21 is a national level virtual event organised by the Entrepreneurship cell, MITAoE. The purpose of the event is to provide a common platform for aspiring entrepreneurs, startup and business enthusiasts and Academicians to deliberate upon emerging trends and challenges. It aims to bring together professionals, academicians, entrepreneurs and innovators to exchange and share their experiences and research results about various aspects of various disciplines.

The event features a two-day programme with many international and national entrepreneurs, multiple case study presentations, knowledge of the IPR and related laws and interactive deep-dive sessions aimed at educating businesses on how one can capitalize on the benefits. The event comprises Keynote sessions, Startup Expo, A business plan competition and an Internship fair. This two-day event aims to inspire the students to take up entrepreneurship as a career choice and give them a platform to listen and interact to some of the finest entrepreneurs.

2. Pre-Incubation Program
Six startups have been given assistance and guidance for their future development under the Pre Incubation Program organised by MITAOE Entrepreneurial Development Foundation in association with Wadhwani Foundation.

3. Alumni Startup Council was launched in collaboration with Wadhwani Foundation, IvyCap Ventures & IvyCamp

4. A Short term Certification Program on Innovation Driven Entrepreneurship was initiated in association with Desicolab, Pune

5. A session was organised by MITAOE EDF for the Incubatee on Legal Support & Compliances. Speaker: Mr. Sushant Kulkarni, ARKS Associates Pune

6. Webinar on Entrepreneurship for beginners was conducted by Mr. Shailesh Bhokare under Ignite Entrepreneur event organised by Mozilla Club MITAOE

7. Speaker session on “Is College Right Time For Startup.” of Mr, Nishant Kawade was organised as part of the National Entrepreneurship Challenge

8. Pitching workshop as part of the National Entrepreneurship Challenge

9. Startup Bootcamp was a series of workshops based on the various topics related to entrepreneurship. 1. How to generate a Start-up Idea (Ideation) 2. I have an idea, what do I do next? 3. Getting your first customer . These are the topics which will be covered in the Bootcamp. This is a 2 day bootcamp organised on 9th and 10th of January, 2021.

10. Speaker session on “How To Pitch Your Startup Idea?” of Mr. Sachin Kumbhoje, Co-founder &CEO at OpEx StartUp Accelerator. was organised as part of the National Entrepreneurship Challenge

11. Speaker session on “How To Generate A Start-up Idea” of Mr, Sudhanshu Kumar, Founder, Monk ride was organised as part of the National Entrepreneurship Challenge

12. Speaker session on “I have an Idea, What to do next?” of Mr, Prasoon Garg, Founder, Inventnote was organised as part of the National Entrepreneurship Challenge

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Startreprenuer magazine initiative:
Entrepreneurship Cell MITAOE has started publishing Startreprenuer Magazine for Startup and Ecosystem Development at MITAOE. Two quarterly issues have been published in Academic Year 2020-21. Major developments in the field of Entrepreneurship have been covered in the magazine featuring Pooja Apte, CEO & Founder BlinkGreen and Honey Kithani, Entrepreneur and Angel Investor respectively.

Achievements:
1. 11 teams have been awarded as “Certified Potential Real Venture” out of the 31 teams those who have applied at YouNoodle platform for global jury evaluation. This is done in association with Wadhwani foundation.

2. Incubator MITAOE Entrepreneurial Development Foundation was registered at Startup India

3. Tukaram Sonawane received LEVEL 2 certificate for completing Faculty Development Program in Entrepreneurship

4. Startup of Mr. Tukaram Sonawane has received the Certificate of Recognition by Startup India and DIPP (Department for Promotion of Industry and Internal Trade)

5. The mentioned ideas submitted by MITAOE Entrepreneurial Development Foundation through MITAOE on Ideas for New India Challenge 2020 under My Gov portal have been approved with Rs.12.75 lacks by O/o Development commissioner, M/o MSME.

Reference No.	Title	State	Institute
IDEA-248	Digital Artificial Insemination Device	MAHA-RASH-TRA	MIT Academy of Engineering

6. A student startup Preskilet completed 100+ registrations from MIT Academy of Engineering, the service is about to be provided to students of MIT Academy of Engineering

7. Mr. Shailesh Bhokare completed the Pedagogical Assessment of Faculty Development Program organised by Wadhwani Foundation

8. Mr. Shailesh Bhokare has successfully completed the 10 week LaunchX: Becoming an Entrepreneur course offered by MITx, an online learning initiative of the Massachusetts Institute of Technology.

9. In the latest ARIIA-2020 ranking, we stood in Top-26-50 at “Band B” list of institutes among India.

10. Institute Innovation Council (IIC) chapter at MITAOE was given 4-Star for the annual performance by Institute Innovation Council (IIC), Government of India.

11. Incubatee InventNote by Prasoon Garg has come as one of the finalists of the WF RV Pitch Battle program.

12. Incubatee Mickey Creation and IT Consultancy Pvt. Ltd. by Hardik Arora got recognized by DPII (Old name DIPP)



IGNITEDMINDS

The club was established by the students of MITAoE during the year 2013. The main objective of this club is to serve the nation through social activity. The club also focuses on the Entrepreneurship Development forum, preparation for the competitive examination, organization of the various cultural activities, and Spiritual thought process development for the overall development of the youth.

On the occasion of 'Ganesh Festival' Ignited minds Club presented webinar on "Bringing Out the Best in Worst Times" Learning the Time- honoured Technique from the Wisdom Literatures. The said motivational webinar delivered by Mr Sanatana Dharma Das, Life coach, mentor and Head, Bhakti Yoga club- Kharadi Pune. Mr Sanatana Dharma Das is Graduate from Trinity School of Music, London and B. Tech Graduate from NIT-Trichy.

He addressed the students that your mind begins to race, and you start reacting sensitively to little things. You become vulnerable, not just to the opinions of others but even to your own (limited) way of understanding. Thoughts can be your own best friend, or worst enemy. It is up to you. So develop your spiritual thought process make your minds strong so as you can accept the cutting age challenges and it do it all for betterment of your



life. The program ends with by giving the vote of thanks to speaker and all participants.

Student Coordinators: Rohit Mundhe (Computer), Adwait Kharkar (Computer), Mohit Solanki (Mechanical) and Riddhesh Madhukar (Mechanical)

Faculty Coordinator: Mr. V. A. Tarange
No of Participants: 83



LITERARY CLUB

AIM: To act as a catalyst for refining the literary skills, nurturing the creative thirst and developing the young minds with general awareness of culture and society.

OBJECTIVE: Inculcating and shaping interpersonal skills in students through innovative activities, competitions and workshops. Thus helping in holistic development of every seeker.

ACTIVITIES PLANNED:

Literary Club MIT AOE conducted an online spell bee and debate competition to provide a platform for students to jog their skills and speak up their minds. Both the competitions were conducted over Google meet. The spell bee was conducted on 31st of January 2021 and Debate competition was conducted on 27th of February 2021. There was a huge response from students of all years for both of these competitions. Spell Bee was anchored by the committee members, Pooja Dosi and Vasundhara Arya. The activity was the opportunity to spell the asked words correctly without any mistake in it. There were three rounds. In the first two rounds, participants were asked to spell three words. The participants who had spelt more words correctly in the first round were able to participate in the second round, a similar rule was present for the third round also. In the third round between two participants who had spelt more words correctly won the competition.

Winner: Sejal Abrol

1st Runner Up: Ajay Thiargarjan

The debate competition was anchored by committee members Atharva Gadre and Pooja Dosi. The topic of the debate competition was "The world has become a fragile place". This competition was the opportunity to express their views about the topic and to build up the confidence to speak on the stage. The pairs were made of participants to speak for and against the topic. Each person had 3 minutes to speak and after the pair had spoken, a rebuttal round was conducted. There were a total of 18 participants (9 pairs) and many people were present to see the competition as spectators. The judges were Advocate Shreya Chakraborty and Mr. Nandeesh Kumar pursuing his MBA from IIT Delhi who were there to announce the results of the competition and to guide the participants. Two students were selected from these participants to represent the college at Symbiosis College for their elocution competition.

Winners: Swastika Gosavi and Shweta Gund

Both of the competitions were conducted successfully without any hurdles and certainly created a spark amongst other students to participate as well as it built up more confidence of the students for the speaking skills.



HACKER RANK

Innovation and entrepreneurship are at the peak in India. In order to make development a comprehensive mass movement and innovate on all fronts, MHRD, AICTE, i4c and Persistent Systems have come together to organise Smart India Hackathon (SIH) 2020 - a unique Open Innovation Model for identifying new and disruptive technology innovations to solve the challenges faced in our country. It's a non-stop product development competition, where problem statements are posed to technology students for innovative solutions. It can help to:

- Harness creativity & expertise of students
- Spark institute-level hackathons
- Build funnel for 'Startup India' campaign
- Crowdsolve solutions for improving governance and quality of life
- Provide opportunity to citizens to provide innovative solutions to India's daunting problems

1. Smart India Hackathon 2020

Software Edition:

Team DeepThugs won First prize of 1,00,000/- rs and certificates.

2. Amdocs HackFest 2020

National level project competition

Team DeepThugs won First prize of 1,00,000/- rs and certificates



3. Smart India Hackathon 2020

Hardware Edition

Orian+ and Dynamic makers are shortlisted for Grand Finale Hardware Edition 2020

4. SIH Internal hackathon 2020

60+ teams participated in Internal hackathon 2020

5. Chef's Hack

Embrace your coding skills this October with MITAoE-chef's seasonal coding fiesta, the ultimate 3 hour coding battle "Chef's Hack" and let the world hear your coding roar.

200+ participants



PRAKRUTI CLUB

The club aims at providing the member with opportunity to keep physically fit and mentally alert, allowing members to determine their own level of engagement without any coercion. It will provide a simulating environment where the members can learn new skills and share their own and others experience, enjoy life to the full and avoid the risk of isolation.

Objectives:

- To create and foster a spirit of understanding among the members.
- To promote the principles of good government and good citizenship.
- To unite the club in the bonds of friendship, good fellowship, and mutual understanding.

Outcome:

- Socialize with peers, try new activities, and share common interests with others.
- Promote friendship
- Build social skills



Ganesha Idol Making Event:

The program started with an inaugural session. The program was conducted with support from Dhondphale Kala Niketan, Pune. All the participants appreciated the overall organization and contents of the workshop. The demonstration of making of idol by the resource person was particularly lauded.



MATHS CLUB

THE AXES, Maths Club of MITAoE, aims to encourage and unleash the talent and skills of the students in the field of logical development. It helps students to sharpen their skills and abilities.

The main motive of this club is to make learning and development a creative task in which each and every student will participate enthusiastically.

1. CueLearn

Date: 07/09/2020

The event was based on aptitude. The team has prepared videos related to several topics on aptitude for aspiring learners. After a couple of weeks the quiz (CueLearn) was held on the same topics. It had three categories, one for school students, second for college students and third for faculty and other members.

Participants: 208 participants all over India.

2. IYMC (International Youth Mathematics Challenge):

The International Youth Mathematics Challenge is one of the biggest online mathematics competition for students from all around the world. It provides students the platform where they can unleash their talent, creativity, knowledge and mathematics skills. In this international level mathematics competition in which 44 participants from our college participated

IYMC School Awards	
Most Participants	MRSM Sungai Besar Malaysia
Most Finalists	Dakahlia STEM School Egypt
Excellence Award	MIT Academy Of Engineering Pune India

participated under the guidance of Mrs. Priti S. Shinde. The competition consisted of three rounds. The first was qualification round in which we had to solve 5 questions in the given time frame and in this round all the participants from our college got selected. Then second was pre-final round in which we have to solve various questions, in this round also many students got selected and the final round consist of online quiz and its video has to be recorded (while giving the quiz) and uploaded. In final round 17 students got selected, one with gold honour, 6 with silver honour and 10 with bronze honour.

For Qualification round 44 students had participated and all were selected.

From Pre-Final Round 18 students were selected for final round.

Out of 18 students, in Final Round 17 students got selected.

Our college is awarded the Excellence Award, internationally. This is really a big achievement for our college.



3. Mathletes

This is a National Level event for school students from Classes 5th to 12th. This event is partitioned into various parts.

It has different categories according the classes. Category 1 is for class 11th and 12th, Category 2 is for class 9th and 10th, Category 3 is for class 7th and 8th and Category 4 is for class 5th and 6th.

It includes:

1. Quiz for each category which was held on 11/12/2020.
2. Video presentation, in which students of class 10th to 12th have to make a poster/ppt on any topic related to application of mathematics and they have to make a video, explaining the topic. They have to follow the given guidelines. They have to upload their videos on the link provided. Its last date is 15/12/2020.
3. Creative Writing: In this students would be given a topic and on the topic, they have to write application of mathematics and whatever would be asked. It depends upon the topic given. This is also category-wise. Its date is 18/12/2020.
4. The last round is Challenge Questions. In this each category would be provided with a list of questions. Students have to solve as many questions as possible with a minimum limit but no maximum bound. They have to submit their solved answers to us. The questions would be provided on 18/12/2020 and last date of solution submission is 20/12/2020. The winners of Challenge Questions Round will receive cash prize and winners would be taken from each category.



NIYUDRATH

Team Niyudrath Racing, an official Motorsports Club of MIT Academy of Engineering Participates in two events BAJA SAE INDIA and Enduro Students India. What defines us is our legacy of 8 long years in BAJA SAE INDIA. We design & build All-Terrain Vehicle to compete in BAJA SAE India and other Autosports events. Our team has been turning heads at national events since its inception and has won many laurels and awards. This is how we go about for a particular season we begin with the team finalization, new team recruitment strategy planning deciding design parameters designing of the components virtuals making changes according to virtuals starting with the manufacturing of the vehicle testing of the vehicle and then the final event.

The Season 2019-2020 was the most successful season in our 8-year legacy. We set new boundaries for ourselves and definitely redeemed ourselves as a team. Like every year, for season 2020-2021, we begin by deciding which members will continue from the last year according to which we decided the intake of our team. After that was finalized, we moved on with the new team recruitment and while it was going on, we also started with a strategy planning for season 2020-2021.

This included deciding the departmental heads, the captain and vice-captain and the manager of the team. The nature of the event is continuously evolving. Every year advancements in the teams and the number of teams who are actually making good vehicles is increasing. Hence it is very important for us to decide our design parameters on the account of the current competition. As we decide the design parameters the recruitment process is also over. We then began with the design of the vehicle also known as the design phase. We begin the design phase by studying our design parameters and deciding a design accordingly. At the same time, we also provide study materials and software to the juniors so that they can cope up to our level and then contribute towards the designing phase. This year we spent a little bit more time studying our design parameters since we had resorted to the design of various custom parts and entirely new suspension geometry. The risk was definitely high as we were trying this for the first time but it again the advantages were far more. Hence, we decided to go with it anyway. Gathering data, studying research papers, studying different books for almost a month and a half, we finally got familiar with the design parameters and started the designing of the components accordingly.

After completing the design of the vehicle, we started preparation for virtuals. Virtuals is basically presenting our design in front of a panel of judges appointed by SAE BAJA where we are judged for our design and also for our presentation. We got an AIR 9 among the 350 teams that had participated. Now, all that we had to do was to manufacture this design and test

We got an AIR 9 among the 350 teams that had participated. Now, all that we had to do was to manufacture this design and test to perfection. As easy as it sounds, it was definitely not easy this year. One of the reasons was definitely the implementation of new design but also the recession that was in the market. A huge relief for our manufacturing is due to our sponsors because of which the cost to manufacture the vehicle becomes very less. But we were not sure whether our sponsors will provide sponsorship this year since the condition of the market was not that good. But to our surprise, not only did our old sponsors agree to continue the sponsorship with us but also, we managed to get a few more sponsors.

Having sorted out the monetary part of manufacturing, we immediately started the manufacturing of ATV and completed the same by Diwali. Now the task for us was to test our design. We had manufactured the ATV on time. we had also managed to secure a good rank in virtuals. So, we thought that the testing would go pretty easy. It was definitely not the case. Our first failure offered only after taking the ATP about 10 metres away from the workshop. In the initial stages of testing, the rear compartment which was entirely new was not at all stable and failures kept on occurring almost continuously. Due to our frequency of failures, we were continuously advised to change our design to a simpler design. But the team was confident and was sure



of the decision to continue with the design and successfully implement the same this year. After doing some minor changes to the design, our design was finally stable the rate of failure started decreasing continuously to a point where it became zero. We had gone from a point where the failures were occurring continuously to a point where we had to subject are ATV to very harsh conditions for the failures to occur. Still the rate of failures was very low. Towards the end of December 2019 preparing for the main event. Since BAJA SAE India takes place at Pithampur Indore we had to transport our ATV along with its spares to the event site. With a mixture of confidence, fear, desperation and with our entire journey till that point, flashing right before our eyes, we were now ready to face the BAJA SAEINDIA 2020. We completed all the static and dynamic events in the first 3 days the result of which was 5th in statics and 6th in dynamics with zero breakdowns. For the first time ever, we were 6th in the grid position. We had absolutely conquered all the events until endurance. Not all that was left to get a prominent rank, was to complete the endurance and considering our stand, it was right within our grasp. But fate had something else in mind. Due to our technical issues with the transponder, we were not allowed in the endurance for almost two and half hours. Still in the remaining 90 minutes, we managed to lap 12 laps of the 4.5 km long endurance. Final result, 9th in virtuals, 5th in statics 6th and dynamics and overall rank of 16th among the 150 teams that participated in BAJA SAEINDIA 2020. Even though the rank was not what we expected, it was definitely once that would benchmark the generation to come.

After completion of the event, we started preparing for season 2020-2021. Due to the ongoing pandemic and the confusion caused due to it, it was very difficult for us to predict the course of the event. Hence, we had to go through a lot of strategy revisions before finalisation. We were completely in the blind; we could not predict anything and no run intimation was given to us by the BAJA officials. But we had one thing in mind; that we had to design the vehicle and that we had to continue our legacy. Hence, we started brainstorming, strategy planning and designing of two-wheel drive (2WD) for season 2021 after finalisation of the event. On the 10th of May the rulebook for BAJA season 2020-2021 was released which are the clause for four-wheel drive (4WD). Hence, we decided to do a quick strategy revision on the basis of which we came up with the idea to start the design of 4WD after completion of 2WD design. Further, halting of the registration of the event in the month of June made it easy for us to assume that the event would take place in a virtual format just like the international version. Hence, we completely shifted to 4WD and started the designing of the same. We completed with the virtuals for season 2020-2021 on the 12th of November.

Since this year's event is going to take place entirely in a virtual format along the dynamic events that are going to take place with the help of simulators, we are currently resorting to simulation and simulating our ATV in different software and also in the software which would be used for BAJA with only one objective to be AIR 1.



PHOTOGRAPHY CLUB

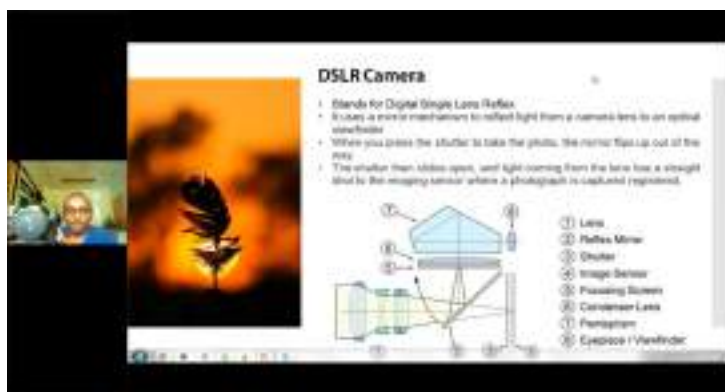
In this lockdown Shutterbugs Photography club of MITAOE conducted 6 days of online workshop from 17th May 2020 to 22nd May 2020. The workshop was open to all irrespective of their profession. Over the span of 6 days, the core members of the club taught the basics of various photography, videography and post processing tips and techniques.

SESSION 1: This session was conducted by Sanket Urane. In this session, the fundamentals of photography, such as the exposure triangle, framing, composition, etc were taught. The different rules of each topic were also explained.

SESSION 2: This session was taken by Raghavendra Chate. In this session, the various concepts of mobile photography, and how various factors like light, shadows or reflections can bring changes in a photograph. Many different rules of photography were introduced. The various lenses used for mobile photography were also presented.

SESSION 3: This session focused on the handling and usage of digital cameras. The various parts and features of digital cameras were explained by displaying a dslr camera. The importance of using different lenses for different purposes was explained. The participants were also explained about different modes of a digital camera. This session was taken by Rutwik Deshmukh.





SESSION 4: This session conducted by Sanket Urane, was all about post processing/editing on mobile phones. He introduced the participants to various apps which are used for post processing and guided on how to use them. Also, he described the importance of post processing by editing a few pictures during the webinar.

SESSION 5: This session was managed by Shobhit Goyal, an alumni of the college. He introduced the concept of Long Exposure Photography (LEP). He described about the various types of techniques used in LEP and what settings should be required for each of them. Also, he explained about ND filters and their uses.

SESSION 6: This session covered the basics of Photoshop and Post Processing on Desktop, and was conducted by Vedant Lachake. In this session, he explained about how images can be improved or manipulated by using photoshop. He edited a few images live for better understanding of the participants.

There were more than 200 participants. The platform for the workshop was GoToWebinar. All the participants who fell into the attendance criteria were provided with e - certificates.



Ganesh Utsav

Shutterbugs Photography Club of MITAOE, conducted a theme based competition during the 10 days festival of Ganesh Chaturthi. The theme of the competition was Ganesh Utsav. The competition was open to all.

The students as well as teachers participated in the event enthusiastically. People apart from college also showed their interest and participation. The Winner of this competition was Atharva Sarode. Runner ups were Piyush Gogawale, Aniket Gunda, Aparna Fulsoundar and Prasad Gorde. The winner and the runner ups were provided with e-certificates.



Theme based photography competition

Theme: Quarantine

We conducted a theme based competition in the month of October, with the theme Quarantine. This competition was open to all and we received some amazing entries.

The Winner of this competition was Rutwik Deshmukh. Runner ups were B.J Rishit, Ahan Roy, Devesh Goyal and Ansh Shriwas. The runner ups and the winners were provided e-certificates.

ACHIEVEMENTS

Collaboration with OnePlus Student Community
In the month of September, we had a chance to collaborate with the OnePlus Student Community. It was a great opportunity for us to showcase our photography skills on a bigger platform.

In order to take part in this collaboration, the students from our club shared the pictures clicked by them on their OnePlus devices with hashtags like #CampusShotOnOneplus #OPSAP etc. This collaboration helped us in expanding our community widely.

Sony BBC Earth Photography

Rutwik Deshmukh, A member of shutterbugs MITAOE, had submitted his entry in the Sony BBC earth photography competition in the People's category. He qualified the public voting round with a huge number of votes and reached in the Top 10 in the category.

NSS MITAOE

The volunteers of National Service Scheme, MIT Academy of Engineering Alandi, significantly and actively participated in the virtual campaign हारीत वारी, स्वच्छ वारी, स्वस्थ वारी, 2020, organized by NSS SPPU Pune, taking all the necessary precautions.

Our volunteers have planted more than 50 trees on 03/07/2021 at their own places and followed the instructions as was asked to do the Geotagging, and update on the university Facebook page and link on the university website.

At the same time, for three months, whatever way possible, as a COVID warrior, volunteers have been creating awareness among the people regarding the COVID, and the same is updated in online regular meetings of NSS SPPU Pune.

We have also organized webinar on 18 Octmber,2020 creating awareness about Organ Donation by ZTCC, 60 students participated in the webinar.

On 24th September, 2020 We have celebrated NSS day virtually.

Considering the scenario of work from home, on 21st December, 2020 we have organized 1-week office yoga session for the faculty and students.



SPORTS CLUB

Every year sports club is organizing and participating in various inter-collegiate, state levels, national level tournaments of cricket, football, volleyball, table tennis, badminton, chess, carom, kabaddi and bringing glory to the Institute. Club also conduct Intra College tournaments of numerous sports to take their mind off the strenuous academic schedule and keep them physically fit and motivated.

EVENTS:

CHESS Online:

Inter Departmental Online Chess on 27th&28th AUGUST 2020.

WINNERS:

Shubham Marathe (TY Civil)
Mrunmai Bhole (TY-Comp.)

CHESS & PUZZLES Online:

Inter Departmental Held on 18th october 2020

Winners:

Mihir Shaha (TY IT)
Niraj Sonawane (BE MECH)
Pratiksha Waghmode (SE MECH)
Vaishnavi Aloni (TE MECH)
Puzzle winner: Mihir Shaha (TY IT)

CHESS Online (Open):

Open for all chess club and colleges tournament won by MIT AOE chess team held on 7th and 8th November 2020 in pune organize by chessmate club.

Winners:

Ameya Godbole (TY IT), Shubham Marathe (TY CIVIL), Mrunmai Bhole (TY COMP) Sadashiv Vaidya (BE MECH)

Inter collegiate online chess organized by MIT AOE:

Himanshu Das from PICT COLLEGE pune won the first prize from boys and Rishija Shriniwas won first prize from girls section. Total 26 colleges & 75 students.

Intercollegiate online chess participation by MIT AOE:

Shubham Marathe won the first prize (TE CIVIL) & Pratiksha Waghmode (TY MEC) won the third prize. Event organized by MIT ACSC WHERE 14 Colleges participated.

EYOGA Intercollegiate event organised by MIT AOE:

Tirth Shaha from gurukul college pune won the first prize, Dipti Thigale from mechanical department From MIT AOE WON First prize.

Throwball & Basketball for staff & faculty of MIT AOE:

On the occasion of Respected Dr. V D KARAD SIRs birthday these sports are taken between staff and faculty.

Sports Day Online Chess:

IT Department won the first prize from boys and Mechanical won the first prize from Girls.

Sports Day E Yoga:

IT Department won first prize and computer department won second prize in boys section IT Department won the first prize in GIRLS & Computer again second prize

E YOGA participation at National Level:

Organised by VIIT PUNE where 11 students from MIT AOE participated and in GIRLS section SRUSHTI GAIKWAD won the third prize.

Online national level CHESS:

Organised by SYMBIOSYS LAW COLLEGE PUNE. Neeraj sonawane reaches semifinal and on points got the third number.

FCB Inter collegiate sports event for football, carrom, and Basketball:

IN process from 5 june to 15 june 2021





SRUJAN CLUB

SRUJAN – An interdisciplinary club of MITAOE has started a talk series called ‘Eventoria’ from 26th July, 2020. The sessions will be conducted live on gotowebinar, Facebook and YouTube platforms and will be scheduled on alternate sundays so that it could fit to everyone’s schedule without losing the lectures. SRUJAN believes these will be very informative seminars that many students will wish to attend.

Events under Eventoria:

The 1st talk was on 26th July, 2020. The guest speaker for our very first talk was Mr Aniket Amte. He is a social worker and working for the Lok Biradari Prkalp which was started by Baba Amte sir. He had completed his education in diploma as mechanical engineering and still he works for the Prkalp. This talk was organized because many of us don’t know what exactly the Lok Biradari Prkalp is. As a businessman could interact effectively with a businessman only, a doctor can interact effectively with a doctor only, no one other than him (engineer) could have interacted to engineering students in a better way than he did. The event was successful enough to attract as many as 242 registrations and make it an event attended by more than 113 participants. Out of which 78 attendees were MITians and 35 were non-MITians.

One of the sessions under Eventoria was arranged on 30th August, 2020. The guest speaker for the webinar was Mr. Rohit Trivedi. The event was successful enough to attract as many as 216 registrations and make it an event attended by more than 95 students.

One of the sessions under Eventoria was arranged on 6th September, 2020. The guest speaker for the webinar was Miss Shashwati Pimplikar. The event was successful enough to attract as many as 241 registrations and make it an event attended by more than 102 students.

This was the last session under ‘Eventoria’ and was arranged on 13th September, 2020. The guest speaker for the webinar was Mr. Omprakash Babarao Kadu. The event was successful enough to attract as many as 404 registrations and make it an event attended by more than 145 students. Out of which 102 were Mitians and 42 were non-Mitians.

Free course on Design of Solar System:

Srujan club organised an online course “DESIGN A SOLAR SYSTEM FOR HOME” in collaboration with ENERGY SWARAJ FOUNDATION. This duration of course was from 15th July, 2020 to 31st August, 2021, which was available free of cost. This course was organised under guidance of



Mr. Nikhil Bhalerao Sir (Club Faculty Coordinator) and Prasad Pawar (President). This course was led by Srushti Naikare (Event Coordinator).

Muskurayega India:

On 4th June, 2020 the video “MUSKURAYEGA INDIA” from srujan club was published on all social media platforms. The aim behind the video was to express the emotion that every “Corona Warrior” is experiencing these days.



Women’s Day:

International Women in Engineering Day is observed on June 23 of every year. It is an international event celebrated during Engineers Week each year. The Day has developed from a national, into an International awareness campaign to increase the profile of women in engineering and focus on the exciting career opportunities available to girls in Engineering.

SRUJAN – An interdisciplinary club of MITAOE celebrated International Women’s Day in Engineering by organising an event called “Women Inspire Women (WIW’20) “.





GirlScript is a technical community, section-8 company registered under Government of India in 36 cities of India and 3 international chapters.

GirlScript is open for all community & supports diversity and wants to bring equality in technical. GirlScript and its different initiatives are driven by leaders throughout the world.

Events:

Event Name: GirlScript MITAOE Orientation 2020

Organizing committee:

- Shubhangi Kale
- Sharvari Teje
- Shardul Kulkarni
- Adhiksha Thorat
- Rijul

Data of Event 24th October 2020

No of Participants: 30+

Activity Details of events:

GirlScript Pune has organised orientation 2020 program to introduce the club activities. The event was conducted online from 7:00am to 8:00 pm . This was for the students for MITAOE Pune. It is an initiative for students to come up to join the club. We had a great mentor for the session.



Event Name Booting the placement process

Organizing committee (including faculty members)

- Shubhangi Kale
- Sharvari Teje
- Shardul Kulkarni
- Adhiksha Thorat
- Rijul

Data of Event 1st November 2020

No of Participants 30+

Activity Details of events: GirlScript Pune has organised booting the placement process program. The event was conducted online from 5:00am to 6:00 pm . This was for the students for MITAOE Pune. It is an initiative for students

of a third or second year student and totally lost regarding the placement process and what exactly are the industry's requirements.

Alumni students have given a placement talk with previously placed aluminis. We had two guests Shubham Joshi And Chandan Joshi who have each bagged very good placements and guided the entire process.



Event Name: <Script it>

Organizing committee:
(including faculty members)

- Shubhangi Kale
- Sharvari Teje
- Shardul Kulkarni
- Adhiksha Thorat
- Rijul

Data of Event: 31th October 2020

No of Participants: 50+

GirlScript Pune has organised the <Script it> program as a hackerrank coding competition. The event was conducted online from 7:00am to 10:00 pm . This was for the students for MITAOE Pune. It is an initiative for students to come up with the thought-provoking and logic building coding competition with 4 coding questions of various difficulties to be solved in a duration of 3 hrs. The questions were based on Computer Data Structures, Algorithms, and Basic Mathematics. Students of all branches and years were welcomed to participate.

Event Name Booting the placement process
Organizing committee (including faculty members)

- Shubhangi Kale
- Sharvari Teje
- Shardul Kulkarni
- Adhiksha Thorat
- Rijul

Data of Event 1st November 2020

No of Participants : 30+

Activity Details of events: GirlScript Pune has organised booting the placement process program. The event was conducted online from 5:00am to 6:00 pm . This was for the students for MITAOE Pune. It is an initiative for students of a third or second year student and totally lost regarding the placement process and what exactly are the industry's requirements..

Alumni students have given a placement talk with previously placed aluminis. We had two guests Shubham Joshi And Chandan Joshi who have each bagged very good placements and guided the entire process.



School Reports

Every Student can learn. Just not the same day or the same way.

- George Evans





SCHOOL OF COMPUTER ENGINEERING & TECHNOLOGY

Dean: Prof. R R Badre



FACULTY ACHIEVEMENTS



Mr. Jayvant Devare Assistant Professor was selected as "AWS Educate Cloud Ambassador" in March 2020. He is now part of the 50+ cloud ambassadors in India and over 400, globally.



Mr. Rudragouda Patil & Mr. Jayvant Devare, had completed the Infosys Faculty Enablement Program on "Python Programming through INFYTQ Platform" 22nd June to 29th June 2020 by Infosys Limited and have been awarded "A+" Grade.



Mr. Sunil Bhagat, Mr. Pankaj Choudhari, Atul Choudhari signed a Patent on "Water saving System and Management" on 1st Dec 2020.



Mr. Pranav Shriram Signed a National level patent on "Smart Water Bottle with Water Quality Analysis" on 13th Oct 2020.



Mr. Rudragouda Patil and Mr. Sandeep C Shirvale received Best Teacher of the Department (Computer & IT) award on 5th Sept 2020.



MoUs
SIGNED



School of Computer Engineering & Technology signed MoU with Top Three IT Giants, BMC Software Solutions, Pune, Alpha Computers & Coding Ninjas, Delhi.



STUDENT ACHIEVEMENTS



Muskan Pandey and Abhishek Muttath, Student of BTech Computer Engineering won the prestigious 'Alexander Graham Bell Award 2021'. They have earned a scholarship for MS in Data science of Amount 8.5 Lac each.



Sanket Dehankar, won the prestigious 'Alexander Graham Bell Award 2020'. Sanket was amongst the Top 20 brains of our nation to have won this award through ABGA National Talent Hunt! He had received the iconic Graham Bell Trophy, 100% scholarship/ financial aid for any PG/ MS degree, Incubation centre across Mumbai, Bangalore, Pune for any start-up he wishes to start and he can also Work on real life projects with top MNCs. All his rewards were sponsored by IBM and AEGIS and Post Graduation Certificate is issued by IBM”



Hritik Auchar, Aniket Sulke, Manoj Kale, Shubham Sable and Sandesh Deshmukh BTech students of the School, won Smart India Hackathon 2020 Organized by Nodal Center Reva University, India. 1st to 3rd August 2020. They won First Prize of worth Rs.1Lakh. The Team also won First Prize of Rs. 1Lakh in Amdocs hackfest 2020 organized by Amdocs on 17th and 18th Sept 2020.



Sarvesh Pathak, TY BTech student of the school, was selected as AWS Educate Student Ambassador 2020-21 program it was organized by AWS in JAN 2021. The selected inaugural cohort contains 326 members from over 50 countries and more than 250 higher education institutions. The AWS Educate Student Ambassador Program is a non-paid opportunity and is available in all locations where AWS Educate is available. The program is available to AWS Educate student members who are enrolled at a public or private school, college, or university.

Dhiraj Bagul, Vishal Singh, Aniket Sulke and Nishat Nimbhorkar had participated in Two Week E-Yantra Hackathon 2020: Fighting Covid-19. Their team was amongst 60 teams out of 156 submissions from the total of 1913 registered teams. The team has implemented and submitted a working prototype of their project titled Fight Covid.

Tanisk Annpurna, Rahul Agrawal, Shraddha Jadhav, Jagath Sai Narayana Kakaraparthi won National level project competition at Impetus and concepts 2020 organized by PICT Pune.



SY COMPUTER TOPPERS



Simran Koul
(9.8 CGPA)



Kaustubh Patil
(9.4 CGPA)



Sushant Patil
(9.57 CGPA)



SY IT TOPPERS



Ambuj Mishra
(9.63 CGPA)



Ria Sigtia
(9.51 CGPA)



Atharva Gadre
(9.49 CGPA)



TY COMPUTER TOPPERS



Gaurav Mohite
(9.74 CGPA)



Aakash Varude
(9.57 CGPA)



Yushant Tyagi
(9.55 CGPA)



B.TECH COMPUTER TOPPERS



Grimita Purusharathi
(9.48 CGPA)



Rushikesh Bhadge
(9.47 CGPA)



Tejas Dhakad
(9.38 CGPA)



TY IT TOPPERS



Vaibhav Saini
(9.85 CGPA)



Rohit Bhosale
(9.55 CGPA)



Shivam Verma
(9.06 CGPA)



B.TECH IT TOPPERS



Shubham Joshi
(9.29 CGPA)



Harsh Amin
(9.02 CGPA)



Rushi Kothari
(8.93 CGPA)

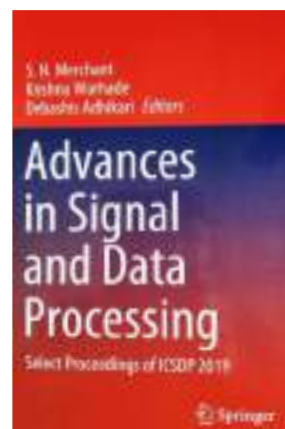


SCHOOL OF ELECTRICAL ENGINEERING

Dean: Dr. Dipti Sakhare



FACULTY ACHIEVEMENTS



ICSDP 19 SPRINGER proceedings has been published as an edited book titled "ADVANCES IN SIGNAL & DATA PROCESSING" with Dr. D. Adhikari as an Editor along with Prof.S.N. Merchant, IIT BOMBAY and Krishna Warhade, MIT WPU.

Grant of Rs.12,09000/- is sanctioned for AICTE-MODROB to Dr. Dipti Y.Sakhare, for project titled 'Establishment of VLSI design center of excellence through modernization and development of VLSI lab'.

Prof. Ashish Srivastava has received copyright registration certificate for his work 'Guru Charano Mai Aayenge ' from copyright office, Ministry of commerce and industry, Department for promotion of industry and internal trade, New Delhi on 10th July 2020.

MITAOE has been registered as network institute of ISRO INSTITUTE OF REMOTE SENSING (IIRS) under the Coordinator of Dr. Debashis Adhikari at Institute level.

Dr. Dipti Y. Sakhare along with the BTECH students Shaikh Akbar and Swamini Jadhav has Published a Patent titled "Water distribution method and system" with an Application No: 201921036651 on 31st July 2020

Dr. Rushikesh Borse, Associate Prof.(SEE) and Prof.Mohanish Shah, Assistant Prof(SMCE). along with Pradeep Kumbhar, Technical Assistant, SEE, has filed a Patent titled "Battery Life Management System and Method" with an Application No: 202021005342 on 06th Feb 2020.



Mr. Gajanan Vyawhare, Lab Assistant, SEE, designed, developed and manufactured 'Automatic Sanitizer Dispenser Machine'. This machine provides 100% made in India Sanitizer dispensing and Stands which are perfect for setting to kill all kinds of germs in absolute style and elegance. The touch less feature cuts down the spread all kind of germs. Features of the machine are:

- IR sensor based / Contact less
- Level detecting facility
- 1 LTR capacity (adjustable)
- MS box with powder coating
- Weight 3KG Approx.
- Size 325MM X 150MM X 220MM



Prof. Mandar Bhalekar, Prof. Amar Chavan, Mr. Shailesh Shinde and Mr. Dattatray Jagdale from School of Electrical Engineering have undergone a virtual training and hands-on session for a 2 week technical transfer program. They have designed and developed an in house 'Dual regulated smart DC Power Supply'.



STUDENT ACHIEVEMENTS

Trupti Bisen from T.Y BTECH secured third rank in an Inter College Poetry competition held on 11th February 2021.

Nitish Warbhe, Tarun Shrivastava, Rutuja Patil, along with Prof.Nutan Bansode has published their project work with the title “Face Detection with Face mask for Covid-19 Pandemic using Neural Networks” in an Handbook of Research on Applied Intelligence for Health and Clinical Informatics which is to be published by IGI Publication.

Trupti Bisen from T.Y BTECH secured Second rank in an College level Singing competition held on 09th May 2020.

Triveni Gaidhane, from SY BTECH secured 2nd Prize in the Essay Competition, on Topic : Role of Engineers in Pandemic in the event “We shall overcome the challenge 2k20” Organized by MESA, MITAOE in collaboration with international student chapter IMechE.

Aman Sinha has been selected as pre finalist for an International Mathematics Competition held on 23rd November 2020.

Rushikesh Shelke from T.Y BTECH has successfully completed an International Course on Programming for Everybody (Getting started with Python) on Course era from University of MICHIGAN.

MAJOR EVENTS IN THE SCHOOL



The technical clubs of MITAOE organized “Equilibrium 2021” a National level technical competition’ a platform where young and innovative talent will share and demonstrate their expertise, knowledge and skills and get prised by academia as well as industry held on 17 March 2021.

The event was led by Dr. Vaishali Wangikar as a chief convenor, Prof. Shridhar Khandekar as Convenor of the event. In this competition, more than 10 competitions and events were conducted in the emerging and cutting-edge technologies in the fields of Robotics and Automation, Augmented and Virtual Reality, Internet of things, Artificial Intelligence, Data Science, Aerial Vehicle, Automotive vehicle, Mobile and Web App Development, Product Development. 450+ participants have actively participated in various events.

There were 450+ registrations from all over India and 500+ students has participated in it. The event was sponsored by more than 10 sponsors along with Autodesk which was platinum sponsor for this event.



Prof. Shilpa K. Rudrawar, Nutan V. Bansode, and Vinaya S. Tapkir organized ‘TechnoPHILIA’21, a 4th National level Technical event for Paper Presentation and Project Competition’ in association with ISA Pune section and IEEE under SPARK club in Equilibrium on 17th March 2021. This technical event was organized for Diploma, UG and PG students. The competition received a very overwhelming response from the student fraternity. A total of 400+ students from 30 different colleges across 24+ different cities registered and participated in paper presentation and project competition.



Prof. Vaishali Katkar and Prof. Mandar Nalavade has organized Seminar on ‘MATLAB Grader: Automatic Code Assessment Platform’ by Mr. Pranav Lad, Education Technical Evangelist, MathWorks India Private Limited (Pune) to all the faculties at Institute level on 12th February 2021.

The workshop started with the introduction of “MATLAB”. With an overview of the usage of MATLAB, the guest introduced the participants with the aspects of applications in industry. The resource person described the current scenario



A two day Online Faculty Development program was conducted by Mr. Pritam Banrjee, Sr. Application Engineer, Trident Tech Lab, Calcutta after successful installation of Siemens Mentor Graphics HEP 1 and HEP 2 bundles. This procurement was carried out through the the AICTE-MODROB for project titled 'Establishment of VLSI design centre of excellence through modernization and development of VLSI lab' Sanctioned to Dr.Dipti Y. Sakhare.



and future scope of topic as well. The session was in complete tune to academic requirements from faculty as well as from student's point of view.

The program was conducted by Mr. Pranav Lad, Education Technical Evangelist, MathWorks India, Private Ltd. He works with faculty and researchers across India to enable effective use of MATLAB and Simulink in their curriculum and research. All the participants appreciated the overall organization and contents of the Seminar.



SY E&TC TOPPERS



Vartak Nupura
(9.4 CGPA)



Nagulpelli Swadhin
(9.38 CGPA)



Varude Avanti
(9.34 CGPA)



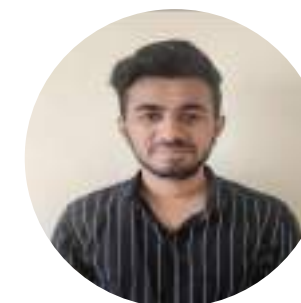
SY ETX TOPPERS



Pattewar Samruddhi
(8.29 CGPA)



Avhad Om
(8.29 CGPA)



Marathe Nikhil
(7.94 CGPA)



Aditya Maurya
(7.91 CGPA)



TY E&TC TOPPERS



Jadhav Swamini
(9.52 CGPA)



Choudhary Manisha
(9.50 CGPA)



Shaikh Akbar Shaikh Rasul
(9.44 CGPA)



B.TECH E&TC TOPPERS



Derkar Pallavi
(9.54 CGPA)



Mausami
(9.13 CGPA)



Rane Omkar
(8.91 CGPA)



TY ETX TOPPERS



Yash Shankarlal
(9.30 CGPA)



Wani Rushikesh
(8.62 CGPA)



Sanket Yadav
(8.58 CGPA)



B.TECH ETX TOPPERS



Kaikade Diwyani
(8.85 CGPA)



Narkhede Roshani
(8.74 CGPA)



Karan Patil
(8.25 CGPA)



Dean: Mr. Prafulla R. Hatte

SCHOOL OF MECHANICAL & CIVIL ENGINEERING



FACULTY ACHIEVEMENTS



Prof. P. P. Kothmire delivered Ph.D. defense and Viva Voce examination at Indian Institute of Technology Powai Bombay on 11th November 2020 at 2.00pm. on the thesis titled "Design Aspects of an Electrocoalescer".

Two patents were filed from the department under the guidance of Mr. Nilesh Totla and Mr. Yogesh Mhaske along with the students of School of Mechanical and Civil Engineering on 21.06.2020.

Patent Filled by Prof. N. B Totla
Application No.: 202021026120 , Filing date: June 21, 2020

Title: Apparatus and Method for Determining Thermal Conductivity of Metallic Rods
Applicant: MIT Academy of Engineering
Inventors: Totla, N.B., Chatap Nikhil Nandkishor, Deshmukh Kunal Prashant, Dhongde Ashish Mahavir



Patent filed by Prof. Maske Yogesh Laxmanrao. on 'System and Method for Automatic Switching of Headlight Beam of Automobiles' with Hole KunalGajananrao,ShendeNachiketPurushottam, Bhagwat Hrishikesh Ramchandra.20/06/2020 with Indian Patent Application No.:202021026111 , photos are arranged in order .



A new Indian patent application with Complete Specification has been filed at Mumbai patent office, by Prof. P. R. Hatte with Gokul Vishwanathan and Mayank Mishra, Mechanical students the details of which are provided herein below: Application No.: 202021050487, Filing Date: November 19, 2020. Title: Mechanism for Auto Changing the Compression Ratio of Engine during Engine Operation

Mr. Nikhil Bhalerao awarded by "Best Teacher of the Civil Engineering Department" in AY-2019-20 .

Mr. Vijay K. Pingale completed the NPTEL course on Matrix Method of Structural Analysis with ELITE-GOLD certificate.



STUDENT ACHIEVEMENTS

Edgeline go karting championship season 1.0- a virtual event where Team Niyudrath won 1st award in design presentation and 2nd award in Business Plan during 27th sept 2020 to 1st oct 2020 under the guidance of Prof. B. R. Patil.

Mechanical Engineering Student's Association (MESA) with Institution of Mechanical Engineers (UK) Student's Chapter at MITAOE organized the knowledge sharing session by Mr. Gaurank Patil on 'Writing the research Paper" on Go to Webinar digital platform on 14 th July 2020at 7.30 pm. Mr. Gaurank, BE (Civil), PGP-ACM, completed his UG fellowship in Russia.

Mechanical Engineering Student's Association (MESA) with Institution of Mechanical Engineers (UK) Student's Chapter organized the knowledge sharing session on 19th July 2020 at 9.30 am to 10.30 am on 'Role of CAE in Occupant Safety in Automobile' by Mr. Nachiket Phadake. Mr. Nachiket Phadake is Founder and Partner at ElenoEngineering Center, Pune.

Mechanical Engineering Student's Association (MESA) with Institution Of Mechanical engineers (UK) Student's Chapter organized the knowledge sharing session on 'Art of questioning by candidate in Job Interview' by Mr. Rajesh Mandalik on 19 th July 2020 at 11.00 am to 11.55 am. Mr. Rajesh Mandalik is the Managing Director at Setco Spindles India Pvt. Ltd.

The Institution of Mechanical Engineers Students Chapter and Mechanical Engineering Student's Association (MESA) organized the event Mind Test 2020 for all the students of MIT Academy of Engineering on 19 th July 2020 at 3.00 pm. The purpose of the test was to charge the minds of students in the view of aptitude tests in interviews.

Institution of Mechanical Engineer's (IMechE, UK) Students Chapter and Mechanical Engineering Student's Association, MIT Academy of Engineering organized Guest Lecture of Mrs. Leena Bokil on 'Career Opportunities in Space Sector' on Monday, 21st July 2020 at 7.00 pm to 9.00 pm. Mrs. Leena Bokil is NASA-Honeywell Space Educator, founder of ASTRO-EDU, Pune.

Institution of Mechanical Engineer's (IMechE, UK) Students Chapter and Mechanical Engineering Student's Association, MIT Academy of Engineering organized Guest Lecture of Mr. Mahesh Shinde on Autonomous driving in Asia/ India' on Sunday, 26th July 2020 at 9.30 am to 10.30 am. Mr. Mahesh Shinde, having 35 years of Experience in Automotive sector is Mechanical Engineer from COEP, Pune and Master in Management Science.

Institution of Mechanical Engineer's (IMechE, UK) Students Chapter and Mechanical Engineering Student's Association, MIT Academy of Engineering organized Guest Lecture of Mr. Ganesh Soni on 'Art of great resume writing' on Sunday, 2nd August 2020 at 9.30 am to 12 pm. Mr. Ganesh Soni has 12 years experience in Design, Development And CAE analysis of Mechanical components & currently working at MSC software India.

Best Paper Award Nilesh Shirpurkar, Dhanraj Saste, Vaibhav Varpe Bhaskar Wabhitkar (2020). Shear Strength Improvement of Black Cotton Soil Reinforced with Waste Plastic Bottle Strips. International conference on Smart Technologies for Energy, Environment & Sustainable Development (ICSTEESD-20).

Prashant Khedkar, Shraddha Shinde, Sakshi Wayal, Bhaskar Wabhitkar (2020). Improvement in Liquid and Plastic Limit for Black Cotton Soil by addition of RBI Grade 81. International conference on Smart Technologies for Energy, Environment & Sustainable Development (ICSTEESD-20)

Prallavit Devgade, Rohit Raut, Zenith Nandeshwar, Dr. Sushikumar Magade (2020). Parametric Study for Bracing of Elevated Water Tank. International conference on Smart Technologies for Energy, Environment & Sustainable Development (ICSTEESD-20)



MoUs SIGNED

We are glad to inform you that SMCE has signed an MoU with Mechatol Engineering solution, Pune and MITAOE on 3/11/2020, under the leadership of Dr Prafulla Hatte and Dr. P.S. Kalos Associate Professor SMCE, MECHATOL ENGINEERING SOLUTIONS and MIT ACADEMY OF ENGINEERING, ALANDI PUNE (MITAOE) also it gives various opportunities such as 7 Sponsorship Projects, 16 Summer and Winter Internships. The detailed projects allotted based on MOU for the upcoming academic year. 30 students have been benefitted under the MOU.



PLACEMENT RECORDS

NAME OF STUDENT	COMPANY
Neha Thorat	Cognizant
Yashomati Kundalee	Cognizant
Rishabh Mehta	Cognizant
Adish Mali	Cognizant
Sagar Nijampure	Neilsoft Ltd.
Snehal Avhad	Neilsoft Ltd.

NAME OF STUDENT	COMPANY
Mayur Surve	VARROC ENGINEERING
Ritesh Thakre	VARROC ENGINEERING
Adesh Kurhade	Cognizant
Aditya Prakash	Cognizant
Aditya Mahajan	Cognizant
Akash Neharkar	Cognizant
Akshay Mungase	Cognizant
Alpesh Magar	Cognizant
Aniket Dethe	Cognizant
Ashish Daundkar	Cognizant
Bhushan More	Cognizant
Darshan Ladvanjari	Cognizant
Dinesh Punwatkar	Cognizant
Hitesh Agarwal	Cognizant
Hrishikesh Bhagwat	Cognizant
Kalyani Sankpal	Cognizant
Nachiket Shende	Cognizant
Niyati Sangode	Cognizant
Pooja Sadafule	Cognizant
Prasad Dabhade	Cognizant
Prashant Lohare	Cognizant
Prathamesh Kulkarni	Cognizant

NAME OF STUDENT	COMPANY
Pratik Manjari	Cognizant
Pratik Jagtap	Cognizant
Rahul Sharma	Cognizant
Rehan Yahoo	Cognizant
Shubham Dhumal	Cognizant
Shubham Holkar	Cognizant
Shubham Khaire	Cognizant
Shubhankar Chinchore	Cognizant
Sumit Mate	Cognizant
Tanay Dhawas	Cognizant
Rutwik Suresh	Infosys
Pranjal Sarode	No Broker
Shreyas Kulkarni	Smartserv



SY MECH TOPPERS



Kunjan Hire
(9.54 CGPA)



Vaidya Siddheshwar Revanappa
(9.45 CGPA)



Shantanu Pabitwar
(9.43 CGPA)



SY CIVIL TOPPERS



Ajay Katkar
(9.17 CGPA)



Deepti Patil
(9.14 CGPA)



Manisha Patole
(9.12 CGPA)



Saurav Bhende
(9.12 CGPA)



TY MECH TOPPERS



Shubham Khaire
(9.40 CGPA)



Akanksha Hande
(9.39 CGPA)



Akash Salunke
(9.33 CGPA)



Ritesh Thakre
(9.33 CGPA)



B.TECH MECH TOPPERS



Nikhil Chatap
(9.85 CGPA)



Sumit Khomane
(9.66 CGPA)



Rutvij Wakalkar
(9.60 CGPA)



TY CIVIL TOPPERS



Dipak Patil
(9.56 CGPA)



Suhas Pandhawale
(9.40 CGPA)



Sanket Ghodake
(9.19 CGPA)



B.TECH CIVIL TOPPERS



Pradnya Rane
(9.08 CGPA)



Suraj Khare
(8.86 CGPA)



Ritvik Patil
(8.70 CGPA)



SCHOOL OF CHEMICAL ENGINEERING

Dean: Prof. Senthil Kumar



FACULTY ACHIEVEMENTS



Mrs. M. D. Sardare received best teacher of the department award on the occasion of Teacher's day celebration on 5th September 2020



Dr. P. N. Sutar received Best paper presentation award entitled "Prediction of CO₂ solubility in aqueous solutions of N,N-Diethyl ethanolamine (DEEA): A modified Kent-Eisenberg model approach" at the International Conference on Research Frontiers in Sciences organized by G H Raisoni college of Engineering, Nagpur held online on 5th - 6th February 2021.



Dr. S. P. Shewale received the Teacher of the year award for excellence in teaching and indispensable contribution in student development on the occasion of Teacher's day.



Mr. Prasanna R. Kulkarni received "Certificate of Excellence" for participation in 5 days International E-certification course o "Novel Exploitation in Research Writing" held on 12th to 16th October 2020. Out of 500 participants only 83 participants have received their performance during the course. The course was organized by PSNA college of Engineering and Technology, Dindigul, Tamil Nadu on virtual mode.



Mr. S. S. Gandhi published a research paper along with Dr Parag Gogate ICT Mumbai entitled "Process intensification of fatty acid ester production using esterification followed by transesterification of high acid value mahua (Iluppai ennai) oil: Comparison of the ultrasonic reactors" in Fuel (Elsevier).



Mr. V. D. Pakhale published a research paper along with Dr Parag Gogate ICT Mumbai entitled "Removal of Rhodamine 6G from industrial wastewater using combination approach of adsorption followed by sonication" in Arabian Journal for Science and Engineering (Springer).



Mrs. A. Gode published a research paper entitled "A reliable solution for treatment of river water using hydrodynamic cavitation in combination with chemical additives" in ICRRM 2019 – System Reliability, Quality Control, Safety, Maintenance and Management: Applications to Civil, Mechanical and Chemical Engineering (Springer).

Mrs. M. D. Sardare published a research paper entitled "Experimental modeling and evacuation of Cr (VI) from wastewater by using nanostructured ceria" in Advances in Civil Engineering and Infrastructural Development (Springer)



Mrs. S. S. Shende published a research paper entitled "Comparative Study of Designing of Common Effluent Treatment Plant by STAADX PRO Software and by Manual Calculations" in Advances in Civil Engineering and Infrastructural Development (Springer)

Patent filed:

Mr. V D Pakhale has filed a patent along with students Himanshu Patel, Avadhut Patil and Sumit Oak entitled "CNG/LPG Leakage Detection System" Application No. 202121009115 Filing date: 4 March 2021.

MAJOR EVENTS IN THE SCHOOL



School of Chemical Engineering at MIT Academy of Engineering, Pune organizes a National Level Technical Event, "PRAKALP" every year, since 2002. Under "IChE student's chapter", we have regularly organized poster, project, and paper presentation as well as design competitions.

IChE Students' Chapter MITAoE Alandi (D), Pune along with IChE Pune Regional Center had organized 16th National Level Chemical Engineering Students Conference "PRAKALP-2020" with theme "Sustainable Development" during 11th & 12th September 2020. The conference majorly focused on sustainability which aims to meet the needs of the present without compromising the ability of future generations to meet their own needs. The purpose of this theme was to understand the science and art of using the resources wisely. It was a first event in the history of PRAKALP to be conducted entirely in the virtual mode. The conference involved technical paper presentation, technical quiz and industry defined problem solving.



STUDENT ACHIEVEMENTS



Mrunal Kumar Barapatre Secured 1st Prize in Industry Defined Problem Statement in PRAKALP 2020 organized by IChE

Students' Chapter MITAoE & School of Chemical Engineering MITAoE Alandi Pune.



Samiksha Ghodmare Barapatre Secured 1st Prize in Industry Defined Problem Statement in PRAKALP 2020 organized by IChE

Students' Chapter MITAoE & School of Chemical Engineering MITAoE Alandi Pune.



Radhika Deshmukh Secured 2nd Prize in Quiz on Sustainable development during PRAKALP 2020 organized by IChE Students' Chapter MITAoE & School of

Chemical Engineering MITAoE Alandi Pune.



Vedant Lachke & Madura Bhatt received best paper presentation award entitled "Waste to Energy Conversion in PRAKALP 2020 organized by IChE Students' Chapter MITAoE & School of Chemical Engineering MITAoE Alandi Pune.



Ashish Anilkumar Rahangdale & Mrunal Kumar Barapatre successfully completed the Short Term online certification course on Soft Skills organized by IUCEE during 1st August 2020 to 29th August 2020. The status of this course is international.



PLACEMENT RECORDS

Total 50 students are placed in various companies such as Infosys Limited, Cognizant, Techniche Engineering Pvt. Ltd. etc. The highest package is of Rs 4.10 lakh offered by Cognizant and average package is 3.90 lakh.



TY CHEMICAL TOPPERS



Patel Himanshu
(9.52 CGPA)



Mitul Ravindra Patil
(9.30 CGPA)



Ekbote Jyostna
(8.99 CGPA)



SY CHEMICAL TOPPERS



Barapatre Mrunal
(9.29 CGPA)



Ghodmare Samiksha
(9.08 CGPA)



Sheikh Yaseen Yunus
(8.86 CGPA)



B.TECH CHEMICAL TOPPERS



Rajuriasif Kadarso
(9.38 CGPA)



Sameer Patil
(9.35 CGPA)



Mahanwar Vishal Dilip
(8.93 CGPA)



SCHOOL OF HUMANITIES & ENGINEERING SCIENCES

Dean: Mrs. Prabha Kasliwal

The new semester of the academic year 2020 started on virtual mode with the implementation of new normal strategy for students. Humanities and Engineering Sciences found its place as an integral part with the core engineering subjects. All the subjects were taught in an innovative way with an emphasis on application. It was an enriching experience for both students and faculty members.



WORKSHOPS ORGANIZED

6 days virtual workshop was organized from 21st-26th September 2020 on "E-content development tools – Hands on workshop". Ms. Prabha Kasliwal (Associate Professor), Mr. Dilip Panchal (Assistant Professor), Mr. Satish Kabra (Assistant Professor), Mr. Mandar Bhalekar (Assistant Professor) took the sessions and Ms. Vithika Sidhabhatti (Assistant Professor, MIT AoE, Pune) conducted the workshop. 35 college teaching and non-teaching staff participated in the workshop.

A staff development programme was organized for the college staff from 22nd-26th June 2020 on "Know Yourself." Ms. Pooja Upadhyay (Assistant Professor of Psychology, MSU, Vadodara) was a guest speaker in one of the sessions and Ms. Vithika Sidhabhatti (Assistant Professor, MIT AoE, Pune) conducted the workshop. Around 25 staff members participated in the workshop with full enthusiasm.



4 week virtual class was organized from 2nd-30th November 2020 on "Course on Foundational Mathematics for Faculty." Mr. Azhar Shaikh, Ms. Sini Ronson, Ms. Asha Abhilash and Ms. Priti Shinde (Assistant Professors, MIT AoE, Alandi) took the sessions and Mr. Azhar Shaikh administered the entire course. 7 faculty members from the institute participated and completed the course.



Three days National level workshop was organized from 15th-17th October 2020 on "Applications of GeoGebra." Dr. Sachin S. Wani, Dr. Kuberal S., Prof. Archana Ingole, Prof. Sneha Jondhale and Prof. Suvarna Gaikwad conducted the sessions and Ms. Sini Ronson administered the workshop. 90 college and school teachers, students and teaching assistants participated in the workshop.



FIRST YEAR TOPPERS



Pandey Raj
(9.83 CGPA)



Girhe Niranjana
(9.77 CGPA)



Aaditya Barve
(9.76 CGPA)

School Inauguration & team



mitsd inauguration



B Des First batch of 32 students inaugurated in January 2021 by -
Prof. Anant Chakradeo, Pro Vice chancellor, MITADT University Pune
Dr. Mahesh Goudar, Director- MIT Academy of Engineering, Pune
Dr. Nachiket Thakur, Director - MITID, MITADT, Loni Pune

Chief Mentor - mitsd



Prof. Uday Athavankar

Recently retired from teaching at the Industrial Design Centre, IIT Bombay. He has served as Head, Industrial Design Centre, Dean, IIT Bombay and later as a Member, Governing Council, IIT Bombay. Prof Uday Athavankar has 50 years of extensive experience in Academics, Design consulting and architecture design. He has been on the forefront of adopting new technology and systematization of research and implementing research methods in to design education.

mitsd Faculty team



Prof. Avinash Bhalerao
Dean - MITSD



Ar. Apoorva Gijare
Asst. Prof



Mr. Vaibhav Panchal
Asst. Prof



Dr. Shilpi Bora
Asst. prof

Pedagogy & Infra building



Rethink design education

Industry 4.0 has created the need for Design Education 2.0. Disruption in the way design has been taught in India for last 50 years needs to be revisited to make it contemporary, relevant and sustainable. Design Education which evolved in India, based on its rich 'Craft' sensibilities has to be transformed into 'Technology' enabled. At mitsd we believe this would emerge as the next best practice for sustainable design education in the near future.

Technology Driven design

Design education which focuses on new age Technology and makes students future ready.

Core Pillars of Pedagogy

Tantra : Technology

Adopt Latest technological advancements, create new technology enabled solutions

Anubhav : Experience

User centricity through the mind of the individual. Understand human emotions to convert into tangible solutions

Nirantar : Sustainability

Evolving solutions using principles of sustainability as a basis for learning Sustainable methods .

Specialisations offered -

Product Design

Communication Design

User Experience Design

mitsd Proposed Building



Digital rendering of proposed building for school of design,
Actual construction work has already begun. Expected completion by July 2021.

Paper Craft workshop by Guest



Ms. Alefiya Kabira conducted 3 day workshop on paper craft. Alefiya is product design from MITID, Loni and has been working as professional paper craft designer for last 7 years.

For the Foundation year students under the subject MATERIALS Paper Craft work shop was planned, to let kone students basic of paper, paper art, 3D model making usig paper and how to creatively use it for Mockup, models, prototype work in Design.

Digital Design software tutorial Week by Professionals



Mrs. Shravani Kadam, Graphic Design by profession working in Industry for 5 years, conducted tutorial series for Photoshop & Illustrator software. Introduction to software through demos and then practicing it though series of assignments was our main focus. Digital Design is one of the important subject for foundation year students as they will be working on it for rest of the 3 years and later in carrier.

Guest lecture on technology & innovation



Dr. Prafulla Hatte , took the guest lecture on Technology & innovation for Design students.

Dr. Hatte is Dean of Mechanical & Civil engineering school at MITAOE. He introduced design studetns to various basic technologies & how to work on innovative solutions using these technologies & techniques.

www.mitsd.edu.in

A newly designed website launched on domain www.mitsd.edu.in



CORPORATE RELATIONS OFFICE



Students of CS IT 2021 Batch Got Projects, placements, internship & Industry visit by PERSISTENT SYSTEMS.

AMCAT Award - MIT AOE has been awarded as TOP-50 rank from all over India in terms of Students Employability Score.

Team corporate relations has Coordinated for Employability Skill assessment of current 2021 batch by conducting

AMCAT (Aspiring Minds Computer Adaptive Test- Worlds one of largest Employability assessment agency).



INFOSYS TQ- This Year 6 students got Infosys TQ Employability certification and Mr. Prof. Rudra Patil, Prof. Jayant Deore secured A+ certification in INFOSYS TQ certification national Level Exam.



AGBA- Alexander graham bell Award- Three students from MIT AOE has received National Level PG -M S Scholarship of More than 8 lakhs National level Scholarship Award -AGBA.



MIT | Academy of Engineering

Annual Report

(Academic year 2019-20)



MIT Academy of Engineering has been instrumental in providing multidisciplinary exposure for the overall holistic development of our students via curricular and extracurricular activities throughout the year. It is indeed an honour to claim that MIT Academy of Engineering is one of the best professional institutes in Maharashtra. It is approved by All India Council for Technical Education (AICTE), India and affiliated to Savitribai Phule Pune University (SPPU). Four UG programmes are accredited by the National Board of Accreditation (NBA), India. We have also achieved 'A' grade by NAAC. MITAoE has been bestowed with 'Academic Autonomy' by the UGC, Govt. of India. Apart from this, MITAoE has been honoured with various prestigious awards and Recognition. The Institute has received the Clean and Smart Campus Award 2019 from AICTE. MITAOE SWAYAM-NPTEL Local Chapter has secured the rank in the top 50 Local Chapters out of 3,500 for the July-December 2019 semester and also awarded "AA" Grade Local Chapter by the SWAYAM-NPTEL.

The Education Ministry Maharashtra under Directorate of arts has given permission to start Bachelor of Design (B. Des) as design specialisation in MITAOE campus with a total intake of 90 students. MIT School of Design first batch has been started from Jan 2021. Three specialisations are offered- Product Design, Communication Design and User Experience Design.

It had been a year in which MITAoE has successfully conducted several significant curricular, co-curricular and extra-curricular activities. To begin with our branch wise final year results, which were excellent and our students have passed the exams with flying colours.



RESULTS 2018-19

BE- Chemical Engineering	97 %
BE- Computer Engineering	79.59
BE- Electronics Engineering	98%
BE- E&TC	93.89 %
BE-IT	79.00
BE- Mechanical Engineering	75.5
BE- CIVIL	83.13%

Similarly, we are progressing successfully in R& D activities too.

R&D ACTIVITIES:

12 teachers have been awarded with PhD degree and 12 teachers have registered for the same till date. Total 104 research papers were published in the national and international Journals including student's publication. Simultaneously, 55 papers were presented in national and international conferences/seminars. Around 167 faculty members attended seminars and conferences at various levels. Similarly, 3 patents were published and 4 patents were filed.

Total amount sanctioned for various research proposals was Rs. 13,09,000 by eminent funding agencies like AICTE-MODROBS, MHRD – Unnat Bharat Abhiyan, etc. and 1.754 L from Consultancy. Total 17 proposals have been submitted for approval to major government funding agencies.

ACADEMIC ACTIVITIES AND EVENTS:

1. Last year, MITAOE organised 110 academic events such as seminars, conferences, workshops, industrial visits, guest lecturers etc. at the departmental, college, intercollegiate, National and International levels.

2. On the occasion of Teacher's day, Dr. Dipti Sakhare, Associate Professor, received the MAAER's Ideal Teacher Award, at the hands of senior journalist Dr. Madhukar Bhawe, at MIT WPU, Kothrud Pune on 4th September 2019.

3. Similarly, Prof. Shridhar Khandekar, Sr. Assistant Professor was also felicitated at the hands of Hon'ble Shri R.K. Singh, Ministry of Skill Development and Entrepreneurship and Dr. Mahendra Nath Pandey, Hon'ble Minister for Skill Development and Entrepreneurship, at New Delhi on 5 September 2019 for winning Medallion of Excellence in the skill of mobile robotics.

4. On the occasion of the 'Teachers' Day' we honoured Dr. Sandeep Shewale with the 'Teacher of the Year 2019-20' award. We also conferred the 'Teacher of the Department Award' on one exceptional teacher from each department. Similarly, Staff of the Year award was bestowed upon Mr. Shailesh Bhokare. A special award was given to Mr. Bhimgouda Patil as the Best Club Coordinator.

5. First TEDxMITAOE at Autocluster auditorium was a huge success.

6. "Under 25" event was organised on 16th Feb. 2020 at MITAOE, Alandi campus.

7. NAKSHATRA 2020, as usual was conducted successfully as the students from all the departments participated enthusiastically in various cultural programmes and sports events.

INTERNATIONAL AND NATIONAL MoUs SIGNED:

In the year 2019-20, we signed 23 MoUs with the reputed national organizations.

FACULTY ACHIEVEMENTS:

1. Mr. V. P Kulkarni received the award of "Outstanding student chapter 2019" at Annual General meeting of the Institution of Mechanical Engineers (IMEchE, UK) at Kolkata. Award is an appreciation certificate and a trophy. He is also elected as Secretary of West zone IMechE UK, India for 1 year.

2. ICSDP 19 SPRINGER proceedings have been published as an edited book titled ADVANCES IN SIGNAL & DATA PROCESSING with Dr. D Adhikari as an Editor along with Prof SN Merchant, IIT BOMBAY and Krishna Warhade, MIT WPU.

3. MITAOE has been registered as network institute of ISRO INSTITUTE OF REMOTE SENSING (IIRS) the Coordinator of which is Dr. Debashis Adhikari

4. Prof. Mandar Bhalekar, Prof. Amar Chavan, Mr. Shailesh Shinde, and Mr. Dattatray Jagdale from SEE have designed and developed an inhouse 'Dual regulated smart DC Power Supply'.

5. Mr. Gajanan Vyawhare, Lab Assistant, SEE, designed, developed and manufactured 'Automatic Sanitizer Dispenser Machine'.

6. Dr S P Shewale received Best Young Research Award (Male) by Institute of Technical and Scientific Research foundation, Jaipur.

7. Mr. Bhaskar Wabhitkar's Project was sponsored by Infinity Construction worth Rs.70,000/-

8. Mr. Nilesh Baglekar's Project was sponsored by RAND Polymer Pvt. Ltd. worth Rs.1,00,000/-

9. Mr. Nikhil Bhalerao's project data sponsorship was sponsored by State Data storage centre worth Rs 1,77,975/-

STUDENT'S ACADEMIC ACHIEVEMENTS:

1. Sanket Dehankar won the prestigious 'Alexander Graham Bell Award 2020'. Sanket is amongst the Top 20 brains of our nation to have won this award through ABGA National Talent Hunt! He was in the virtual world in the presence of Dr Vint Cerf, father of the internet, and co-creator of TCP/P.

2. Durgesh Kolte (100% grade), Sanket Yadav, Bhalkare Prajakta, (TY ETX) successfully completed online course on Coursera titled 'Development of Real time systems'.

3. Mr. Sarvesh Pathak has been selected as AWS Educate Student Ambassador.

4. Our students secured the 18th position in Firodiya. Mr. Sanket Yadav secured 1st position in Paper Cut Motion Animation. Kiran Pawar was in the best actor nomination.

5. Team Niyudrath Karting, under the guidance of Prof. B. R. Patil, designed and fabricated a Go kart and participated in ISIE IKR 2020 with 80 teams. Total prize money Rs. 1,30,000 was won by the team.

6. MIT AOE Mobile Robotics Team (Omkar Gurav BTECH E&TC and Rohan Hanagi BTECH ETX, along with expert Prof. Shridhar Khandekar) was felicitated by NSDC at Skill Minister, Dr. Mahendranath Pande, at New Delhi with a memento and reward money on for winning Medallion of Excellence in the skill of mobile robotics.

7. Abhishek Muththa (T.Y. Btech, SCET) represented college at VIT, Vellore, IDRL competition Gravitas; he secured first rank in beginner level.

8. 52 MITAOE students successfully completed Google Cloud Certification Course on Coursera through Google developer club.

9. Amey Nerkar and Mayank Chaurasia cleared prestigious Certification from Google.' Google cloud associate Engineering' which help students to get recruited directly on Google cloud technology. (Passing rate is 1.2 % all over world)

10. Harikrishnan, Pratiksha Bande and T. Waresi received 'Best paper of the Session at IEEE ESCI 2020'

11. Students of MITAOE TY B.Tech had registered for SWAYAM-NPTEL online course titled "Project Management for Managers". A total of 452 students successfully completed this online course, out of which 3 students secured top 1% and received the honor of elite + gold certificate, 3 and 16 students secured top 2 % and 5 % respectively and received the honor of elite + silver certificate. In addition to this 262 students secured first class and received the certificate.

12. Virendra Sanjay Avhad achieved 1st rank in RoboMaze Competition, Technovanza 19.

13. Shubham Patil obtained 1st prize in Techfest 20 Crane-O-Mania, IIT Bombay.). MITAOE Student team secured 1st position among more than 80 teams participated in this event.

14. Karan D. Patil, Prajakta Joglekar and Pranav Bhaskar won first prize and received funding of Rs. 10000/- from Pimpri Chinchwad Municipal Corporation, Pimpri Chinchwad Smart City Ltd. & Pimpri Chinchwad College of Engineering for event INNOVATE FOR SMART PIMPRI CHINCHWAD. Project titled "Sehat- An autonomous robot for hospital management, navigation and preliminary health check up", under the guidance of Dr. Mahesh Goudar, Director, MITAoE.

15. On the occasion of Teacher's day, Mr. Rohan hangai and Mr. Omkar (B.Tech - E & TC) won the Medallion of Excellence at the World Skills International 2019 competition in the skill of mobile robotics held at Kazan, Russia.

16. Pranav Bhaskar received components of around 200\$ in the Innovation Challenge Design Contest 2019.

17. Yash Pamnani received Outstanding performance in the Six week course "Introduction to Embedded System and Robotics" organized by IIT Bombay, e-Yantra Resource Development Center.

18. Sudhanshu Kumar received Best Startup Award during Nakshatra 2019 by e-Cell Mitaoe | MITAOE.

19. Ms. Swastika Gosavi received Best Oral Presentation in SCHEMCON 2019.

20. Mr. Avadhut Patil, Sumit Oak and Himanshu Patel received Best Poster Presentation Award in SCHEMCON 2019.

21. Mr. Jidnyesh Hemant Jaitu, Dharmaraj Gaikwad & Akshay Nalapure Won the first prize in Cooling Tower Design in 15th National Level Chemical Engineering Students Conference "PRAKALP-2019" held at MITAoE Alandi (D) Pune.

22. Mr. Pravin Pardeshi, Mr. Sameer Patil in BARC Mumbai and Advaiti Kolhe in Cognizant Technology solutions obtained Semester long internship.

23. Mr Ronak Mistry obtained an internship with stipend of Rs 10,000 by MANASTU SPACE Technologies Mumbai. This is a joint venture between IIT Mumbai and ISRO.

24. Ritvik Patil, Pradnya Sonawane, Prasad Pawar and Satish Meshram received Certificate of Excellence with cash prize of Rs. 8000/- in 'INNOVISION 2020 paper presentation' by JSPM Tathawade.

PLACEMENTS:

433 students were placed in renowned companies during the campus placements. Total 53.88% students got the placement. The highest salary package was 30 lacs. We have initiated rigorous placement training programmes for all our students to ensure that every student of MITAoE gets placed in reputed companies. We are committed for their bright future.

MAJOR ACHIEVEMENTS IN SPORTS:

1. Gayatri Wadyalkar from SY ENTC won 3 gold medals at Narayangaon College of commerce organised by Pune University.

2. Sanket Chawake (BE Chemical) won Gold medal in the Vedant intercollegiate Carrom championship organised by BJ Medical college Pune.

3. Many open, intercollegiate, state level competitions were won by CHESS team of MIT AOE. State level CHESS competition at ADT Loni were won by Boys and Girls team of MIT AOE under the leadership of Nikhil Kale (TY MEC) & Mrunmai Bhole (SY Comp).

4. Mrunmai Bhole (SY Comp) won Gold Medal in this competition.

5. Amey Godbole won gold medal at intercollegiate Vedant event organised by B. J. Medical College Pune.

6. Eureka sports day under Nakshatra was won by Mechanical department.

Various indoor, outdoor sports with Indian sports and Ball games Athletics and Cricket were part of Sports Day. Shields for winner department and Trophies and Medals for Best players and winner participants were given away in the Nakshatra annual gathering 2020.

To conclude, our achievements at all levels are indeed significant. The credit goes to all the students, faculties and staff who have been toiling whole-heartedly. However, the path towards excellence and perfection is perpetual. This year too with complete dedication, hard work and enthusiasm of entire team of MITAOE, we aspire to achieve newer heights and set higher goals for ourselves to prove that MITAOE is one of the best and leading institutions in India.

FORM IV

(FOR PRIVATE CIRCULATION ONLY)

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Dr. Mahesh Goudar,

Director



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