

EXCELSIOR

VER 1.0



LOKMANYA TILAK COLLEGE OF ENGINEERING
COMPUTER ENGINEERING STUDENTS ASSOCIATION(CESA)

2 0 1 8

CESA COUNCIL 2017-18



Dr. Subhash Shinde
(Advisor)
Prof. Kakhshan Siddavatam
(Faculty Co-ordinator)

Rutuja Talekar
(Secretary)
Sanjana Kamat
(Treasurer)
Nihal Pandey
(External Officer)
Safwan Kazi
(Student Coordinator)
Sefali Shetty
(Student Coordinator)
Madhav Mulik
(Student Coordinator)
Jagruti Holani
(Student Coordinator)
Prabhjyot Kaur
(Student Coordinator)
Mukund Khaw
(Magazine Head)
Monish Naidu
(Magazine Coordinator)

Dr. Pravin Nikumbh
(Convener)
Prof. Rajendra Gawali
(Faculty Co-ordinator)

Shreya Bhagole
(Magazine Coordinator)
Manasi Sabnis
(Magazine Coordinator)
Aishwarya Jage
(Magazine Coordinator)
Rutuja Kulkarni
(Magazine Coordinator)
Apoorvraj Sharma
(Technical Head)
Deepak Sharma
(Magazine Coordinator)
Swarnima Gupta
(Magazine Coordinator)
Harshil Zode
(Magazine Coordinator)
Jugen Gawande
(Magazine Designer)
Chinmay Joshi
(Magazine Designer)



DEPARTMENT OF COMPUTER ENGINEERING

VISION:

To create Computer Engineers who are technically sound and socially conscious and able to excel in multidisciplinary fields in global environment.

MISSION:

1. To impart strong professional knowledge through innovative teaching methodologies.
2. To inculcate leadership qualities and entrepreneur skills with social and ethical values for technological development of the Nation.
3. To support technology transformation for societal and environmental benefits
4. To promote the skill for futuristic research practices.

Dr. Vivek Sunnapwar

Director and Principal



It is extremely heart-warming to know that the Computer Department of our college is coming up with its departmental magazine EXCELSIOR. This step taken by the Computer Engineering Students' Association is extremely appreciable as it will mark the platform to all the department students to showcase their talents in various fields.

I would like to congratulate the H.O.D., the faculty incharges and the team who has worked so hard for making of the magazine EXCELSIOR 2017-18.



Dr. Vivek Yakkundi

Dean R&D

I am delighted and proud to know that our Computer Engineering Students' Association has put forward the idea of making the first edition of the departmental magazine EXCELSIOR 2017-18.

'To be the BEST, you must be able to handle the WORST.'

The dedicated team of Excelsior has truly brought this proverb to life as they have completed their task in such a small span of time.

I am confident that the magazine will fulfill the aspirations of students.

All the very Best!!



Dr. Subhash Shinde

Vice-Principal

It is so amazing to know that Computer Engineering Department is launching its first departmental magazine EXCELSIOR 2017-18.

I appreciate and congratulate the team for their efforts in bringing out the magazine. It will promote the talents and capabilities of faculties and students. I believe that Excelsior will fulfill the objectives of students. I wish luck to the entire team.



Dr. Pravin Nikumbh

H.O.D, Computer

Excelsior is an immense academic record and value for the students in the professional course, in which our students' efforts through various activities are depicted.

This valuable and memorable information is the image of Computer Department faculties, staff and the students. This helps them to think differently. I am proud to announce the launch of this very first dept. magazine "EXCELSIOR".

I extend my thanks and congratulate all the students for their active participation. I hope this will encourage and motivate others in future.

Prof. Kahkashan Siddavatam

Faculty Incharge

It doesn't matter where you are and what you are!

"The quality of work is defined by motivation within!! And the motivation defines the purpose of life."

It gives me immense pleasure to present first time departmental Magazine EXCELSIOR' 18 which is only possible by innovative thoughts and tons of effort given by our Computer Students of CESA and also support given by HOD Dr. Pravin Nikumbh ,Prof. R. D. Gawali (CESA Incharge) , Vice Principal Dr. Subhash Shinde and lastly all my faculty colleagues.



Prof. Rajendra Gawali

Faculty Incharge

With the belief, "I can't, We can", it's my pleasure to be part of the CESA team who has unique creation in the form of the first edition of 'EXCELSIOR', magazine for our department. I wish this will serve as a platform to highlight the literary and artistic segment of the Computer Engineering students every year. This activity will form a bridge between flowing thoughts and artistic magnification. I congratulate all CESA team members for their initiative and hard work.

I am thankful to Dr. Subhash Shinde, Vice Principal and Dr. Pravin Nikumbh, Head of Department for their support. I am also thankful to Prof. Mrs. Kahkashan Siddavatam. I appreciate the efforts taken by her in bringing the idea of magazine of into reality by coordinating with all team members with patience and enthusiasm. I am thankful to all faculty colleagues and staff in the department for their help and contribution.





Ms. Rutuja Talekar
CESA SECRETARY

I am immensely grateful to be elected as Departmental Secretary for student's support, curricular and extracurricular activities of the computer department. It is an honour to be the face of departmental committee known as COMPUTER ENGINEERING STUDENTS

ASSOCIATION (CESA). Through the guidance of Head of Department Dr. Praveen Nikumbh and immutable support of our faculty incharge Prof. Rajendra Gawali and Prof. Kahkashan S. we have achieved a great amount of success in only the first active academic year of CESA. I cannot thank enough to our Principal Dr. Vivek Sunnapwar and Vice Principal Dr. Subhash Shinde for always saying yes and supporting the ideas of our team.

Our vision is to constantly come up with innovative ways to bring down the barriers of formal education and motivate our students to excel in all their endeavours. Computer department has always been at the helm of out of the box thinking and has provided opportunities for the same.

This academic year (2017-2018) computer department celebrated first of many exciting events, most precious of all was EXCEPTIS -Departmental Fest. Through the support of all the faculties and students we successfully organised technical as well as cultural fest. We did not stop at just departmental fest but we have also successfully launched the EXCELSIOR-departmental magazine. EXCELSIOR encourages to be unique, creative and enhance themselves apart from formal educational syllabus.

This is the first attempt of EXCELSIOR, we have tried our best to preserve the individual style of writing while editing the articles, I thank my entire team for hard work and persistent dedication poured in, It is really worth appreciation. Even though the working time frame for magazine team was very small, the creativity and innovation applied by the members for reaching everyone is noteworthy. I want to congratulate each and every member of magazine to on this huge success.

This opportunity has given me a lot of knowledge and experience I cannot express my gratitude enough towards our H.O.D., faculties, non-teaching staff, my colleagues, and my beloved student community. I hope everyone will enjoy reading this magazine.

THREE CHEERS TO OUR EXCELSIOR!!

MUKUND KHAW

Magazine Head

It is rightly said that one who deserves is rewarded by nature. Our annual departmental magazine Excelsior with the vision to provide a platform to people who have invested their continuous efforts, skill and talent in addition to their curriculum has really proved to be a great opportunity for them. 'Excelsior' defines supreme quality. It gives me immense pleasure to be a part of this hard working and dedicated team. I thank all their efforts and loyalties which is reflected in our magazine. We are also thankful to the college and our department for their valuable support.

Excelsior gives a chance to every talent in the department who can write technical, creative and views. Besides we also support the skills of our students in Sketching, painting and photography. The readers can have a glimpse of the same in the magazine. I wish to extend my gratitude to our faculty in charge Prof. Kakhshan Siddavatam and Prof. Rajendra Gawali for their backhand support and motivation. We have tried to encourage new thoughts which will prove as an inspiration to all further students who wish to come up with innovative ideas.

I hope everyone will enjoy the reading Excelsior, Our own magazine...



FACULTY



Dr. Pravin J. Nikumbh



Dr. Subash Shinde



Prof. Chitra Wasnik



Prof. Rajendra Gawali



Prof. Monika Mangla



Prof. Sanjay Naravadkar



Prof. Manish Umale



Prof. Sonal Bankar



Prof. Kakhshan
Siddavatam



Prof. Sulbha Yadav



Prof. Jyoti More



Prof. Smita Attarde



Prof. Sheetal Dhamal



Prof. Shobha Lolge



Prof. Chaitrali Chaudhari



Prof. Smita Ambarkar



Prof. Shikha Gupta



Prof. Jayendra Jadhav



Prof. Sanjivani Deokar



Prof. Rakhi Akhare



Prof. Sudhakar Jadhav



Prof. Archana Naware



Prof. Pranjali Gurnule



Prof. Datta Deshmukh

STAFF



Mr. Amol Kumbhar

Ms. Sarala Ghule

Ms. Baghyashri Duratkar

Mr. Ravindra Ingale

Mr. Ashwani Prasad

Mr. R.B. Subhedar



Mr. Krishnakumar Mishra

Mr. Arjun Tiwari



CESA



CSI



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Scope of Computer Engineering

Computer Engineering and Information Technology drive the today's world. It has now become an indispensable part of modern human civilization.

Basically, Computer Engineering is the branch of engineering that involves the study and analysis of computations and program design. Computer Engineering includes studying how to create new software, solve computing problems and develop different ways to use technology.

There so many reasons to opt Computer Engineering education. It has huge scope in this modern technological world. Computer Engineering is best career option if you are good in maths and have appropriate mathematical skills. It's one of the interesting fields which are full of academic challenges and technological things.

Even if it is sometimes surrounded by wrong and disturbing news, Computer Engineering is considered as one of those engineering courses that can secure your future with an appropriate job and career growth. However, this course demands people to stay updated with new trends and technologies to do well in this field. It offers endless career opportunities.

Some of the popular and most demanded positions and job types for Computer engineers are software developer, security consultant, mobile app developer, application analyst, business analyst, data analyst, system analyst, database administrator, network administrator, games developer, information system manager, IT consultant, multimedia programmer, web designer, web developer, sales professional , IT trainer, network engineer, social media manager and technical author.

Students can take experience or internships by working or by being part of IT companies. Work experience and knowledge gained during this time period may help to get awareness and upgrading your skills.

Salary and growth are two important factors associated with any job. Jobs in field of Computer Engineering surely have better salary and other benefits. People can expect promotions and great growth in most of these jobs but, of course, only after proving skills and abilities in the field.

Higher education may also help in having steady employment, in new businesses ventures, in teaching jobs and in the field of research.

Thus studying Computer Engineering is essential because it is everywhere. Studying these disciplines helps in computational thinking, critical thinking and problem solving skills that are used in non-technology areas as well.

Department Clubs and Committee

CSI

The Computer Society of India (CSI) was established in the year 1965 by a handful of IT enthusiasts. Over the years, it has become one of the most respected body of computer professionals in not just India, but the entire world. CSI encourages students of computer engineering and IT fields in creating an environment of healthy competition and multidimensional development . Lokmanya Tilak College of Engineering is proud to be a recognized institutional chapter of CSI.

CSI-LTCE was founded back in 2002 by Prof. Sanjay Narvadkar of the Computer Department. Under the guidance of Dr Pravin Nikumbh, Head of Computer Department (HoD), CSI-LTCE has served as a platform for students to get the required exposure to IT industry and its rapidly changing landscape. A total of 130 students from SE, TE and BE from computer department are members of CSI on the national level. With Prof. Sanjay Narvadkar and Prof. Monika Mangla as mentoring Faculty in-charge, CSI-LTCE held its council elections for academic year 2017-18 in the month of July. Students from SE and TE were bestowed upon posts and associated responsibilities. A launch event followed where the previous council was honored with appreciation for their hard work and the council for present academic year took over the mantle in presence of the students and faculties of the department. A brief overview and insights into the future events and how students could benefit from it was also discussed.

An interactive session was arranged for the students on 'How to choose the right path in the IT industry? The speakers for this session were Dr. Mahendra Gupta and Dr. Ela Goyal. Both are entrepreneurs, who are mainly involved with training and consultation using various technologies. Attendees for the event were students and faculty members of computer engineering department. HODs from other departments and dignitaries also remained present along with students from other departments.

A constant effort is being taken to utilize the CSI platform in the most efficient manner. Interaction with industrial experts, intra-college competitions for students and various other activities are in the pipeline for this academic year. An increase in the membership count is being aimed at to further enhance the repute of CSI-LTCE. With the support of faculty members and efforts of students, CSI-LTCE will continue to scale new heights over the years to come.

CESA

COMPUTER ENGINEERING STUDENTS ASSOCIATION(CESA) is departmental committee which provides the students and teachers of department various curriculum as well as extracurricular events and opportunities under the guidance of H.O.D. Dr. Pravin Nikumbh. Faculty in charge of this association are Prof. Rajendra Gawali and Prof. Kahkashan S. SECRETARY elected for academic year of 2017-18 is Ms. Rutuja Talekar.

CESA started its good work for the year by a formal inauguration and felicitation of its working council members on 11th August 2017. The vision of CESA was acknowledged by our Director, Principal, Vice principal and H.O.D. in their speeches. As a stress buster we organized a counselling seminar on social skills and behavior with professional counsellor Mrs. Shahista Kazi for the students and faculties, which received a great response. Mrs. Shahista Kazi is now been appointed as our college counsellor.

The very first event after a successful launch was Teacher's day. CESA team had planned different games for our beloved faculty and many surprise gifts. Our team also gave handmade cards to all the teachers and HOD's. The teachers were dressed up in a theme (Red and Black day), on this day, they were reminded of their school days and feel nostalgic.

The biggest hit of the semester was "EXCEPTIS", DEPARTMENTAL FEST which was planned and agreed upon for the first time. It gave all the students and faculties a platform to showcase their talent, with a positive remark from our Director Dr. Vivek Sunnapwar and Vice Principal Dr. Subhash Shinde the work began. This event was coordinated and planned by secretary Ms. Rutuja Talekar, event coordinator Mr. Nihal Pandey and treasurer Ms. Sanjana Kamat with help of CESA council. We cannot thank both our faculty in charges and our HOD sir Enough for all their support and encouragement throughout!

On 22nd September 2017, we inaugurated EXCEPTIS and started the day with technical fest and mini fair on departmental floors. We organized technical events like BLIND CODING (typing java code when monitor is off, within a time limit), OPTIMIZED (writing a most optimized code for given problem statement), DECODER'S MANIA (correcting the code written on a piece of paper without help of compiler), TECH DEBATE etc. For which we received a huge response. We also had sports event like Tug of war, chess, carrom, box cricket, Dizzy football. The main attraction of all the students was criminal case which included Mystery solving and technical skills as well. Finally, we moved our celebration in main auditorium as our cultural events started. The color of cultural fest unfolded with a beautiful singing and dance competitions and few instrumental performances. We also organized a fashion show of our department on the theme of "TECHIE AND GEEKS". Later the prize distribution ceremony took place and all the winners were congratulated and awarded with prizes and certificates. All in all, it was a celebration mode for everyone!!

For the coming semesters we are planning for some technical workshops and more events to benefit the students. Soon first version of our departmental magazine – EXCELSIOR will be coming out with a bang. At the end a big round of applause for all the student and faculty members of CESA committee

Computer Students Contribution

WOMEN'S DEVELOPMENT CELL (WDC)

WDC, Lokmanya Tilak College of Engineering has a group of passionate girls striving for gender equality. WDC has earned the reputation of being liberal space. WDC finds its true power in initiating conversations on pressing social issues, student's grievances, to disciplinary framework for students. The theme of WDC, the logo and mascot signifies that "A girl is not a bird and no net can ensnare her she is a free human being with an independent will and with all love she can reach to pinnacle of success. WDC believes that each girl has a power and ability to turn challenges into opportunities".

NAME	DESIGNATION	YEAR	DIVISION
Anushka Srivastav	Co-Ladies Representative	TE	A
Shreeja Poojary	WDC Coordinator	BE	B
Rutuja Talekar	WDC Coordinator	TE	A
Disha Shetty	WDC Coordinator	TE	A
Kashmira Chawan	WDC Coordinator	SE	B
Prajakta Waghmare	Volunteer	BE	A
Sanjana Kamat	Volunteer	BE	B
Neetika Gupta	Volunteer	BE	A
Sakshi Gupta	Volunteer	TE	A
Jagruti Holani	Anchor	SE	A
Prabhjyot Kaur	Anchor	SE	B

Thank you for the immense support shown by the following people for WDC:

Gaurav Chinawale (TE-A)

Madhav Mulik (TE-A)

ENGLISH LITERATURE CLUB (ELC)

ELC is a club that fosters personality development and improves the literary and overall communication skills of an individual. We conduct weekly activities that cover various domains like public speaking, team building, leadership, quick-thinking, problem solving, creativity, time management, etc. We also conduct outdoor activities at the end of every semester to end on a fun note. Apart from having technical qualifications, communication skills are an integral part on the professional front. Thus ELC helps build the necessary soft skills that are very important in an engineer's professional life.

NAME	DESIGNATION	YEAR	DIVISION
Harshit Shukla	President	TE	A
Shrutika Dongre	Secretary	TE	A
Mukund Khaw	Activity coordinator	SE	A

COMPUTER SOCIETY OF INDIA (CSI)

The Computer Society of India (CSI) was established in the year 1965 by a handful of IT enthusiasts. Over the years, it has become one of the most respected bodies of computer professionals in not just India, but the entire world. CSI encourages students of computer engineering and IT fields in creating an environment of healthy competition and multidimensional development. Lokmanya Tilak College of Engineering is proud to be a recognized institutional chapter of CSI.

Faculty In-charge:

Prof. Monica Mangla

Prof. Sanjay Naravadkar

NAME	DESIGNATION	YEAR	DIVISION
Harshit Shukla	Secretary	TE	A
Shrutika Dongre	Joint Secretary	TE	A
Kishore Vadra	Treasurer	TE	A
Vivek Salunkhe	Technical Head	TE	A
Mihir More	Co-Technical Head	TE	A
Yateen Chiplunkar	Co-Technical Head	TE	A
Badal Patil	Marketing Head	TE	A
Sumayata Sahu	Co-Marketing Head	SE	A

CATHARSIS

Catharsis- the annual college magazine of LTCE is an expression of the ideas and emotions of every LTCEian. Every year Catharsis announces a new and intriguing theme and accepts various contributions in the form of articles, poems, anecdotes, paintings, sketches and photographs. It has now completed five successful years since its establishment in 2013. It is a medium of expression for every LTCE.

Faculty: Prof. Manish Umale(Staff Editor)

NAME	DESIGNATION	YEAR	DIVISION
Shrutika Dongre	Co-editor	TE	A
Jugen Gawande	Designing Head	SE	B
Chinmay Joshi	PR and Logistics Head	SE	A
Aarushi Singh	Editor	TE	A
Sakshi Gupta	Editor	TE	A
Neelam Pawar	Editor	TE	A
Hardik Pakhale	Designer	SE	A
Kashmira Chawan	Public relations/logistics	SE	B
Niraj Shingote	Public relations/logistics	SE	A

मराठी वाङ्मय मंडळ

सध्याच्या महाविद्यालयांमध्ये बहुभाषिकी मुलं आणशिक्षणात इंग्रजीचा प्रभाव यामुळे महाराष्ट्रात मराठीचा वापर कमी होत आहे. म्हणून बऱ्याच महाविद्यालयांमध्ये मराठी वाङ्मय मंडळ स्थापन केले जाते. आपल्याही महाविद्यालयात असं मराठी वाङ्मय मंडळ गेल्या बऱ्याच वर्षांपासून कार्यरत आहे. मराठी भाषा वषिय म्हणून शकिवली जात नसूनही मंडळ आपले अस्तित्व टकिवून आहे.

या मंडळातर्फे दरवर्षी मराठी दविस साजरे केले जातात. गणेशोत्सव, शविजयंती, मराठी दविस व इतर बरेच मराठी सण साजरे केले जातात.

महाविद्यालयातील सर्व मुले मळिन काम करतात व मराठी जोपासण्यासाठी झटतात.

लोकांच्या मनामध्ये मराठी जोपासण्याचे काम मराठी वाङ्मय मंडळ करत व करत राहिल.

NAME	YEAR	DIVISION
Prajakta Waghmare	BE	A
Sanchay Chaudhari	TE	A
Madhav Mulik	TE	A
Prajwal Dongre	TE	A
Aakash Gaikwad	SE	A
Shraddha Shete	SE	B
Prajwal Dongre	TE	A
Aditya Nair	SE	A

ANCHOR'S CLUB

Anchor's Club of LTCE has been an outstanding peak of opportunities for those who really want to and love to express themselves. Here in Anchor's Club we tend to train and guide new faces and talents in Compering field so that they can become the face of the college and the institute progressively. The club was set up to enhance the skills and talents and showcase them not only for events but for the expression of freedom and speech for oneself.

Anchor's club of LTCE was set up in March 2016 and is still one of the elite groups of the college where the only talents which one can win the world for' is taught. Under this club right from 2016 till date numerous events including the cultural, technical, sports Zephyr, NLC, WDC, Tantragan, Mesa, Cesa, Teleios, etc haven taken place and it has provided excellent results in the field of hosting on script as well as off script. Till date many anchors are appointed to take the charge and grow with glowing colours. Also more than 50 events have been hosted successfully and with incredible efforts under this club's guidance.

NAME	YEAR	DIVISION
Prabhjyot Kaur	SE	B
Nihal Pandey	TE	A
Jagruti Holani	SE	A
Manasi Sabnis	SE	A
Mukund Khaw	SE	A
Adarsh Pandey	SE	B
Monish Naidu	SE	A

NATYAVISHKAR

Natyavishkar club was established last year (2017) to embrace and encourage the hidden talent of our students. The club not only consists of actors but directors and script writers as well. The club helps the students to showcase their hidden talent in front of the people and win over their fears. The club also conducts various acting workshops to enhance the skill of the students. The club represents our college in various inter college and state level drama competitions.

NAME	YEAR	DIVISION
Shraddha Shete	SE	B
Aakash Gaikwad	SE	A
Manasi Sabnis	SE	A
Adarsh Pandey	SE	B

TREXPLORE

TREKKING helps us connect to our inner self. One can find peace in the arms of mountains. Trekking lets an individual enjoy the beauty of nature in all ways. One can experience historic places, a variety of flora and fauna, wildlife and much more. The aim is to spread the love for trekking, to bring people closer to the nature and to preserve our forts and nature.

TreXplore Ltcoe, a trekking group was started in the year 2016 by Nitesh Nishad. It was officially inaugurated in 2017 under the guidance of Prof. Jayendra Jadhav and Prof. Sanjay Naravadkar along with the dignitaries of our college LTCOE, by Mandar Avhad and Partik Joshi. Forts explored under TreXplore: Kalsubai peak, Lohgad, Peb/Vikatgad, Sondai fort, Mahuli fort.

Faculty Incharge:
Prof. Jayendra Jadhav
Prof. Sanjay Naravadkar

NAME	YEAR	DIVISION
Mukund Khaw	SE	A
Harshit Shukla	TE	A
Shrutika Dongre	TE	A
Shreeja Poojary	BE	B
Akash Gaikwad	SE	A

NSS

The National Service Scheme (NSS), a voluntary & value based student youth programme is one of the major youth schemes being operated in the Ministry of Youth Affairs & Sports.

In Lokmanya Tilak College of Engineering, NSS came into existence in the year 2017 under the guidance of P.O. Data Deshmukh with the intake of 50 students. The main aim of this unit is to understand the community in which they work and to identify the needs and problems of the community and involve them in problem solving process.

The motto of NSS says "Not me But you".

NAME	YEAR	DIVISION
Akash Gaikwad	SE	A
Adarsh Pandey	SE	B
Abhishek Khanna	SE	A
Gaurav Diwedi	SE	A
Prathamesh Bodake	SE	A
Sushil Maurya	SE	A
Siddhesh Singh	SE	A
Ashish Dubey	SE	A
Nikhil Jaisawal	SE	B
Satyam Pathak	SE	B
Yukta Narvekar	SE	B
Sunny Dhande	SE	B
Sourabh Kshirsagar	SE	B
Rahul Pawar	SE	B
Hitesh Gupta	SE	B
Pramod Vishwakarma	SE	A

ENTREPRENEURSHIP-CELL (E-CELL)

E-cell LTCE is a team which is built to encourage entrepreneurship spirit in the campus of Lokmanya Tilak College of Engineering. It's a 5-year-old team conducting different event during whole academic year. E-cell LTCE is trying to make awareness between students about what's entrepreneurship & promoting innovative ideas taking birth. E-cell conducts different discussion session on the process & steps involved for registering business plan documenting it, process related to funding from angel investors & capital investors, helping startups to grow. E-cell LTCE took part in the NEC (NATIONAL ENTREPRENEURSHIP CHALLENGE) & IIT E-summit.

Faculty In-charge: Prof. Jayendra Jadhav

NAME	DESIGNATION	YEAR	DIVISION
Harshit Shukla	Secretary	TE	A
Shrutika Dongre	CEO Computer	TE	A

Faculty Achievement

Sr.No	Name of Faculty	Department Level /Institute level portfolio	Achievements (In any field)
1	Dr. Pravin J. Nikhumbh	Ph.D Supervisor, M.E. Syllabus Revision, B.E. Syllabus Revision.	
2	Dr. Subhash Shinde	-Chairman, BOS, Computer Engineering , University of Mumbai - Orientation program on Network Programming lab, Distributed Database and Data Warehousing & Mining. -Syllabus revision for PG, Computer and IT Engineering. -Life member of ISTE, CSI and ASCIT.	
3	Chitra T. Wasnik	Member of Syllabus revision committee for M.E. , Senior Supervisor for University Exams, Attended orientation program fro UG and PG courses.	
4	Rajendra D. Gawali	Member of Syllabus revision committee for M.E. and B.E., Attended orientation programs for UG and PG courses, CESA Co-ordinator,Reviewer for Conference	
5	Monika Mangla	CSI Faculty Incharge,NAAC Co-ordinator	
6	Sanjay D. Naravadkar	Member of Syllabus revision committee.	
7	Sonal Bankar	Institute Level:WDC Member Department Level:NPTEL Incharge,FDP Incharge,Oral/Prac Exam Incharge,IECC Incharge	
8	Kahkashan Siddavatam	Institute ERP Co-ordinator,Institute Web-site Maintanance Incharge,dept CESA Co-ordinator,Dept Stock Incharge	
9	Sulbha Yadav	Member of Syllabus Revision & Revaluation Committee, Exam Cell Member, IECC Exam Coordinator, Life Membership of ISTE, Value Added Course Coordinator.	Recieved Best Paper Of Theme Award in National Conference NCETETA 2011 at D.Y. Patil College of Engineering, Kolhapur
10	Smita Attarde	Department Level Time Table Co-ordinator	
11	Shital K. Dhamal	Department Level Time Table Co-ordinator	

12	Chaitrali Chaudhari	BE class coordinator,NLC departmental coordinator, Departmental counselling coordinator, IECC Exam Co- Incharge,	
13	Smita Ambarkar	ISTE Deaprtmental coordinator	Minor research grant- Year(2013-14)
14	Sudhakar Jadhav	1.Departmental Portal Incharge, Department of Computer Engg, LTCE(1st time in LTCE) 2. Training & Placement Coordinator 3. Value Added Course Program Coordinator 4. Organised Entrepreneurs Meet 1st time in LTCE 5. Organised Many Workshop and Seminars in College / Department	
15	Shikha P. Gupta	Institutional :Alumina In-charge,Departmental :IECC Incharge,Co-curricular and Extra co-curricular Activities,T & P	Minor research grant Year(2016-17)
16	Jayendra S. Jadhav	1. University CAP In-charge (Institute) 2. TreXplore Faculty Incharge, Official Trekking Club of LTCOE (Institute) E-CELL Coordinator (Departmental)	Secured First prize at Technical Paper Presentation competition (Fusion-2015) held at Vasantdada Patil College of Engineering, Sion. Title of their paper was :”Docker”.
17	Sanjivani Deokar	NAAC Co-ordinator,Project Co-ordinator,FDP Incharge,Alumini Incharge	
18	Rakhi D Akhare	Department ISTE incharge. Co-curricular Activity Incharge	First prize winner for paper titled Increasing efficiency of Meteorological department in Weather Monitoring using Internet of Things” published in NLC 2018, LTCE
19	Pranjali Gurnule	Institute Level:Gardening committeMember Department Level:Extra and remedial lectures Incharge	
20	Datta H.Deshmukh	Institute level portfolio:NSS (National Service Scheme) Program Officer	
21	Shobha Lolge	Member of Syllabus Revision Committee for TCS, Reviewer for Conference at LTCE, Project Coordinator	
22	Manishu Umale	CAP Coordinator for University Exam, Member of Moderation Committee for BE, Senior Supervisor for Univ. Exam.	

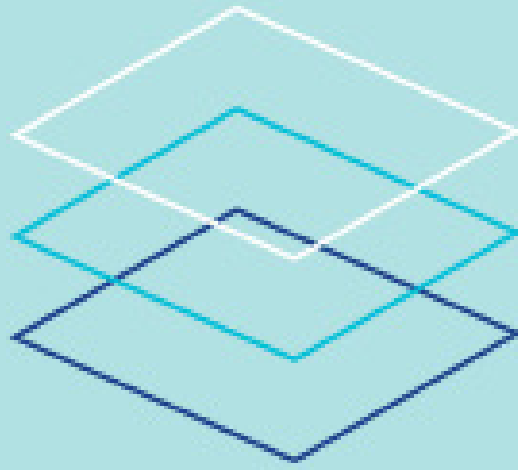
Student Achievement

- Shubham Pawar (B.E)**
- 1) Participated in ROBOCON 2016, secured 6th rank in India 3rd in Maharashtra & 1st in Mumbai alongwith the whole team.
 - 2) Two year's experience in National Level Robotics.
- Rutuja Talekar (B.E)**
- 1) Secretary of Computer Engg Student Asso.(CESA)
 - 2) Co-Convenor of NATIONAL LEVEL CONERENCE 2018 in asso. with IJRISE.
 - 3) Participated in ISMA(13th International Conference on Software Measurement and Analysis) held by CSI in IIT Powai.
 - 4) Active participation & co-ordination for Cultural ZEPHYR 2016, 2017 and 2018.
 - 5) Documentation head and a Core member of NLC 2017.
 - 6) Co-marketing head of CSI 2017-18.
 - 7) Participated & won intercollege Group & Solo Dance Competitions.
- Sanjana Kamat (Alumni)**
- 1) Awarded the Best Girl Student Award for proving her mettle in both theoretical concepts as well as practical applications.
 - 2) Treasurer of Computer Engg. Students Asso.(CESA) for 2017-18
 - 3) Co-Ladies Representative of LTCOE for year 2016-17.
 - 4) Participated in ROBOCON 2015, secured 25th rank in India.
 - 5) Public Relations Officer & a core member of NLC 2017, also the Event head for NLC 2018.
 - 6) Participated in National Level Project competition 'TANTRAGYAN' held in 2015.
 - 7) Winner of Elocution competition by Mumbai Port Trust in 2015.
 - 8) Active participation in Cultural Zephyr 2015, 2016, 2017 & 2018.
 - 9) Won many prizes in intercollege dance competitions multiple times.
- Quadeer Shaikh (Alumni)**
- 1) 1st prize in Code Wars(coding competition) in Technitude 2016.
 - 2) Awarded 1st prize in Optimized Java in Exceptis 2017.
- Noel Padgaonkar (Alumni)**
- 1) Winner of National Level Conference 2018, submitted paper on topic 'Weather Monitoring using Internet of Things'.
- Pratik Yadav (T.E)**
- 1) Appreciated as a Security Researcher in ShopClues.com for saving 1 million customers data visit link.
 - 2) Acknowledged by top companies like EA sports, Treebo hotel, Goibibo, iBall.

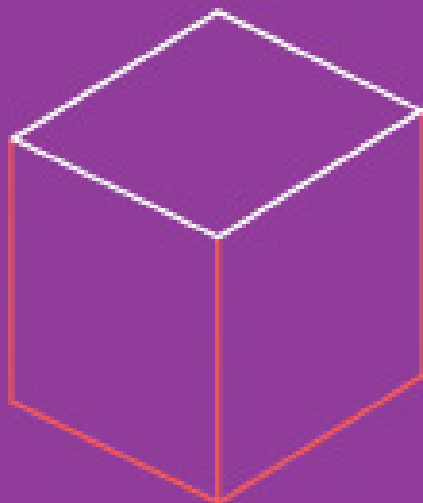
- Madhura Mhatre (Alumni)** 1)Pitched Braille Tech Phase 2 in her university and won the pitch competition.
- Mukund Khaw (T.E)** 1)Second prize in Elocution competition Mumbai Port Trust.
2)First prize in English extempore in ELC.
- Nihal Pandey (B.E)** 1)Participated in ABU ROBOCON 2016,our LTCE team stood 6th in India,3rd in Maharashtra & 1st in Mumbai.
2)Participated in ISMA(13th International Conference on Software Measurement and Analysis) held by CSI in IIT Powai.
- Gurveer Bhogal (B.E)** 1)Created online portal for Computer Department which includes online quiz,course feedback,selection of elective subjects and Final Year project registration modules.
2)Founder of Helix Coding Club of LTCOE.
- Vivek Salunkhe (B.E)** 1)Created online portal for Computer Department which includes online quiz,course feedback,selection of elective subjects and Final Year project registration modules.

Placements

Sr. No.	Name of Student	Company Joined
1	Raj Bopche	Neosoft
2	Sachin Sanjay Pandita	Allerin
3	Krishna Lalsahab Singh	Allerin
4	Priyanka Ashok Narwade	Allerin
5	Sefali Shetty	Bitwise
6	Priya Shenoy	HGS
7	Sanjana Kamat	HGS



Technical Section



A Person Beyond Excellence

“My advice to other disabled people would be, concentrate on things your disability doesn’t prevent you doing well, and don’t regret the things it interferes with. Don’t be disabled in spirit as well as physically.”

Stephen William Hawking, the Cambridge university physicist and best-selling author born on January 8th of 1942 in Oxford UK roamed the cosmos from a wheelchair, pondering the nature of gravity and the origin of the universe and became an emblem of human determination and curiosity. He once said, we are just an advanced breed of monkeys on a minor planet of a very average star. But we can understand the universe. That makes us something very special. Hawking was diagnosed with a degenerative motor-neuron disease called Amyotrophic lateral sclerosis (ALS) when he was just 22 and given a few years to live. He fought the prognosis and lived another 54 years, dying at the age of 76 i.e. on 14th March 2018. ALS is one of four types of rare degenerative motor-neuron diseases in which the neurons in brain and spinal cord that control motor functions start degenerating. With the neurons gone, brain cells cannot communicate with the muscles, which stop functioning.

Young Hawking had been experiencing occasional weakness and falling spells for several years. Shortly after his 21st birthday, in 1963, doctors told him that he had been diagnosed ALS. But against all odds, the disease appeared to stabilize. Although he was slowly losing control of his muscles, he was still able to walk short distances. “When you are faced with the possibility of an early death, it makes you realize that life is worth living and that there are a lot of things you want to do.”, Hawking said. His illness robbed him of the ability to write down the long chains of equations that are the tools of the cosmologist’s trade. Eventually, he turned this handicap into strength, gathering his energies for daring leaps of thought. Being a household name meant Hawking was a guest star in many TV programmes and talk shows like The Big Bang Theory, The Simpsons and Star Trek: The Next Generation. Regarded as the most brilliant theoretical physicist since Albert Einstein, he has written best-selling books explaining complex theories on physics and human creation with simplicity. In one of his books In A Brief History of Time, he concluded that “if we do discover a complete theory” of universe, “it should in time be understandable in broad principle by everyone, not just a few scientists”.

Shreya Bhagole
TE-A

PROJECT PAPER

Increasing Efficiency of Meterological Department in Weather Monitoring using Internet of Things

Noel Padgaonkar
Prof. Rakhi Akhare

ABSTRACT

Weather observation has a critical influence on mankind. The proposed system with the help of Arduino and NodeMCU microprocessors and various sensors will be able to store data and this data will be later processed to extract the hidden data out of it for efficient weather monitoring. The existing system gives the reading over large geographical area. These readings are not accurate for particular location-wise area.

The proposed system is an alternative solution that gives readings for a particular location. The technology of Internet of Things will be used for this proposed system. Keywords- internet of things; weather monitoring; Arduino; Thingspeak; Cloud; temperature and humidity sensor; rain sensor; data collection; data analysis.

INTRODUCTION

Weather is defined as the day-to-day condition of the environment according to external factors such as humidity, temperature and pressure. A variety of applications depend upon the weather. For example, agriculture applications which depends on weather conditions. Various systems have been developed to monitor weather conditions around the world. These systems basically, collect the data using their sensors, and by using various formulae help to predict the weather. Internet of Things (IoT) is the latest evolving technologies of our times. The Internet of things (IoT) is the network of physical devices, vehicles, and other items embedded with electronics, software, sensors, actuators, and network connectivity which enable these objects to collect and exchange data. Various applications are being developed using Internet of Things such as connected cars, smart homes, etc.

Weather monitoring systems are also slowly being developed using Internet of Things. For weather monitoring systems using Internet of Things, various sensors like temperature sensor, humidity sensor, rain sensor, etc. are used which are connected to a control module like Arduino or Raspberry Pi. The control module stores data on cloud and then it is accessible to the user on any browser.

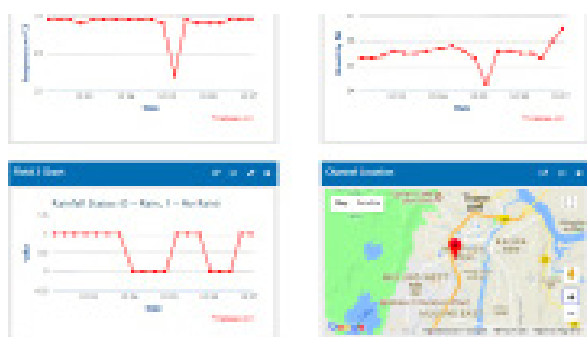
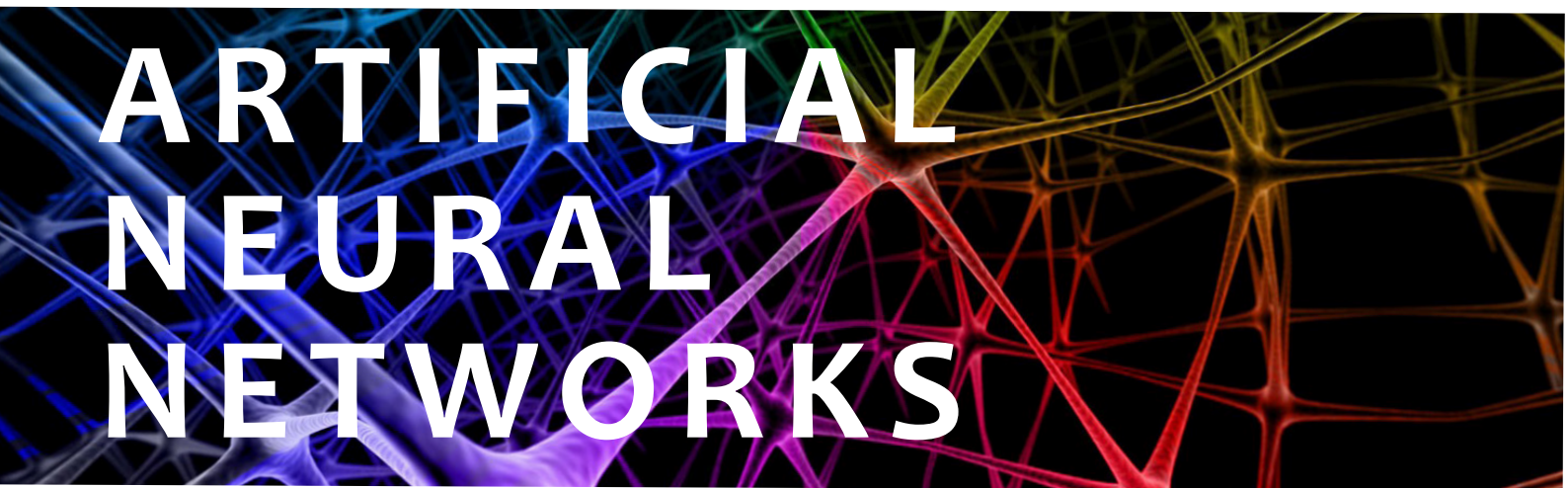


Figure 3: Graphical Representation of ThingSpeak Data

The second part of the experiment included noting down of data from AccuWeather website and Sensor Data on MicroSD Card for 24 hrs and a comparison was carried out between the



ARTIFICIAL NEURAL NETWORKS

What is Artificial Neural Networks (ANN)?

Artificial Neural Network (ANN) is a computing system that is designed to simulate the way a human brain analyzes and processes information. It is the foundation of Artificial Intelligence (AI) and solves problems that prove impossible or difficult to be solved by humans or statistical standards. ANN has self-learning capabilities that enable it to produce better results as more data becomes available.

Artificial Neural Networks (ANN) are paving the way for life-changing applications to be developed for use in all sectors of the economy. Artificial Intelligence (AI) platforms which are built on ANN are disrupting the traditional way of doing things. From translating web-pages to other languages to having a virtual assistant order groceries online to conversing with chat-bots to solve problems, AI platforms are simplifying transactions and making services accessible to all at negligible costs.

How does the system work?

Artificial neural networks are built to operate like the human brain, with neuron nodes interconnected like a web. The human brain has hundreds of billions of cells called neurons. Each neuron is made up of a cell body that is responsible for processing information by carrying information towards (inputs) and away (outputs) from the brain. ANN has hundreds or thousands of artificial neurons called processing units which are interconnected by nodes. These processing units are made up of input and output units. The input units receive various forms and structures of information based on an internal weighting system, and the neural network attempts to learn about the information presented in order to produce one output report. Just like humans need rules and guidelines to come up with a result or output, ANNs also use a set of learning rules called Backpropagation, an abbreviation for backwards propagation of error, to perfect their output results.

ANN initially goes through a training phase where it learns to recognize patterns in data, whether visually, aurally, or textually. During this supervised phase, the network compares its actual output produced with what it was meant to produce, i.e. the desired output. The difference between both outcomes is adjusted using backpropagation. This means that the network works backward going from the output unit to the input unit in order to adjust the weight of its connections between the units until the difference between the actual and desired outcome produces the lowest possible error.

Why Artificial Neural Networks?

We need to understand the answer to the above question with an example of a human being. As a child, we used to learn the things with the help of our elders, which includes our parents and teachers. Then later by self-learning or practice we keep learning throughout our life. Scientists and researchers are also making the machine intelligent, just like a human being, and ANN plays a very important role in the same due to the following reasons:

With the help of neural networks, we can find the solution of such problems for which algorithmic method is expensive or does not exist.

Neural networks can learn by example, hence programming it at much extent is not needed. Neural networks have the accuracy and significantly fast speed than conventional speed.

Advantages

A neural network can perform tasks that a linear program cannot perform .

When an element of the neural network fails, it can continue without any problem, by their parallel nature.

A neural network learns and does not need to be reprogrammed.

It can be implemented in any application.

Disadvantages

The neural network needs training to operate.

The architecture of a neural network is different from the architecture of microprocessors therefore it needs to be emulated.

Requires high processing time for large neural networks.

Application

Pattern recognition

Investment analysis

Control systems & monitoring

Mobile computing

Marketing and financial applications

Forecasting – sales, market research, meteorology

Nitin Motwani

BE-B

WHAT IS CAPTCHA?

You might have seen various pop-up blocks asking you to write down some wavy, stroked alphanumerical series or choose some specific and obvious set of things from a given set of pictures when one tries to watch their favourite animes or do any other important stuffs. We all get frustrated and annoyed with these stupid kind of validations, but have you ever wondered why is that needed?

First we will start by understanding what this term “Captcha” is and why it is so important? “Completely Automated Public Turing test to tell Computers and Humans Apart”. Yes, this is what CAPTCHA stands for.

Why Captcha?

From the early days of INTERNET, the brightest minds always wanted to make text illegible for computers. A term called as LEETSPEAK originated in which words were replaced by similar looking characters like HELLO could become |-|3|_ _() or)-(3££0 as they wanted to keep their databases safe from bots that could penetrate in and harm them. So they created a barrier which could much easily segregate humans and bots. They used the ability of optical character recognition at which both humans and computers are good at. They made it easy for humans as they could identify wavy characters which is hard for bots as it becomes a puzzle for them.

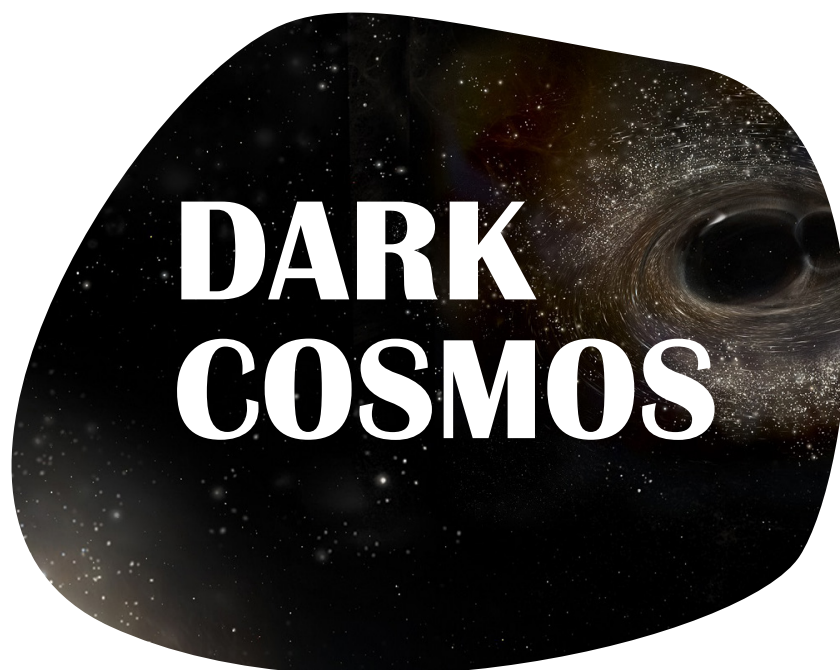
Well we have also seen captcha asking us to choose set of pictures and some other puzzles. They are to beat bots which also improves day by day by making use of machine learning and other technologies that could hamper data on the internet.

But guys have you ever wondered why is that stupid checkbox asking us to prove that we are humans. Don't you think that a bot can easily do that? Yes, a bot can obviously do that easily but here your mouse comes into picture. The data from your mouse plays an important role as humans follow a wiggly woggly path to select the checkbox but a bot follows a straight path which could be easily traced by a program behind the captcha tool.

Thus, overall a captcha completely is not only to annoy you, It is the reason why your data is safe mostly from the hackers and bots trying to steal from you. So next time you see a captcha, stay calm and follow.

Apoorvraj Sharma

TE-A



There are many theories on universe such as it has a little energy density to stop its own expansion and re-collapsation and there is a possibility that our universe would never stop expanding.

There is nothing to stop this expansion but there is something which slow down the expansion of cosmos and it is gravity. It has not an observed fact but theoretically the universe had to slow. The universe is full of Dark matter and Attractive gravity to pulls all the matter together.

In 1998 through Hubble space telescope observation cosmologist found that the before Supernovae, the universe was expanding very slowly than is it now. So the gravity is not slowing universe but it was accelerating the rate of expansion. No one expected this, no one knows how to explain this, but something was causing this.

Eventually theorist came with three sort of explanation. Maybe it was a result of a long-discarded version of Einstein's theory of gravity, one that contained what was called a "cosmological constant", maybe there was some strange kind of energy-fluid that filled space. Maybe there is something wrong with Einstein's theory of gravity and a new theory could include some kind of field that creates this cosmic acceleration. Theorists still don't know what the correct explanation is, but they have given their solution a name. It is called "DARK ENERGY".

What Is Dark Energy?

More is unknown than is known. We only know how much dark energy there is because we know how it affects the universe's expansion. Other than that, it is a complete mystery, an important mystery. It turns out that roughly 68% of the universe is dark energy. Dark matter makes up about 27%. The rest - everything on Earth, everything ever observed with all of our instruments, all normal matter - adds up to less than 5% of the universe.

Come to think of it, maybe it shouldn't be called "normal" matter at all, since it's such a small fraction of the universe. One explanation for dark energy is that it is a property of space. Albert Einstein was the first person to realize that empty space is not nothing. Space has amazing properties, many of which are just beginning to be comprehended. The first property that Einstein discovered is that 'it is possible for more space to come into existence'. Then one version of Einstein's gravity theory, the version that contains a cosmological constant, makes a second prediction: "empty space" can possess its own energy. Because this energy is a property of space itself, it would not be diluted as space expands. As more space comes into existence, more

of this energy-of-space would appear. As a result, this form of energy would cause the universe to expand faster and faster. Unfortunately, no one understands why the cosmological constant should even be there, much less why it would have exactly the right value to cause the observed acceleration of the universe.

What Is Dark Matter?

By fitting a theoretical model of the composition of the universe to the combined set of cosmological observations, scientists have come up with the composition that we described above, ~ 68% dark energy, ~ 27% dark matter, ~ 5% normal matter.

We are much more certain what dark matter is not than we are what it is. First, it is dark, meaning that it is not in the form of stars and planets that we see. Observations show that there is far too little visible matter in the universe to make up the 27% required by the observations. Second, it is not in the form of dark clouds of normal matter, matter made up of particles called baryons. We know this because we would be able to detect baryonic clouds by their absorption of radiation passing through them. Third, dark matter is not antimatter, because we do not see the unique gamma rays that are produced when antimatter annihilates with matter. Finally, we can rule out large galaxy-sized black holes on the basis of how many gravitational lenses we see. High concentrations of matter bend light passing near them from objects further away, but we do not see enough lensing events to suggest that such objects to make up the required 25% dark matter contribution.

Deepak Sharma

TE-A

JUICE JACKING

Do you often charge your mobile device from public ports while travelling? Do you know this can lead to Juice Jacking?

What is juice jacking?

According to Wikipedia: Juice jacking is a term used to describe a cyber-attack wherein malware might be installed on to, or data surreptitiously copied from, a smart phone, tablet or other computer device using a charging port that doubles as a data connection, typically over USB.

Basically, it's a hacking technique where attackers use USB charging ports available at public places to install malware, steal data or even take complete control of your device.

The concept is simple, leading smart phones on the market have been designed to utilize the same port for charging the phone as data transfer. This opens the opportunity to trick a user in need of a charge to expose their phone's data port.

With juice jacking, the vulnerability or attack vector is the phone's USB port, the exposure factor is dependent on the user's awareness of this possible attack method and their phone's battery life.

When these two factors come together, the unsuspecting user plugs their phone into a malicious system, the attack can take place. In the age where business executive travel regularly and depend on access to their phones to respond to emails, check their schedule, etc... (basic work functionality) this vector may come up more often than people presume.

The most basic technique to avoid juice jacking is try avoiding the use of these charging ports. If the condition is unavoidable then follow the following steps:

- Try to carry a power bank.
- Disable data transfer feature on your mobile phone while charging.
- Get a charge only cable instead of cable supporting charging and data transfer capabilities.
- If possible, switch off the device while charging from public ports.

These simple tricks can save us from falling into the trap of the hackers and make our data more secure and stable.

JAGRUTI HOLANI
TE-A



CLASS PHOTOGRAPH

PASS-OUT



FINAL YEAR



THIRDYEAR



PHOTOGRAPHS

GAURI PAWSE
BE-A



GAURI PAWSE
BE-A



SHREYA BHAGOLE
TE-A



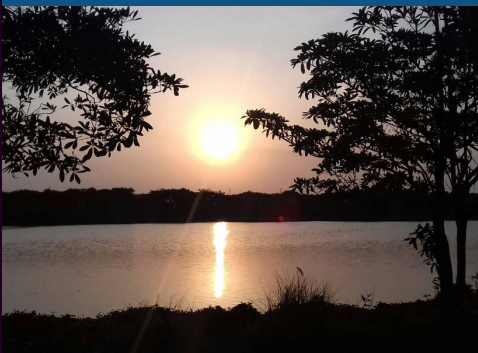
APOORVRAJ SHARMA
TE-A



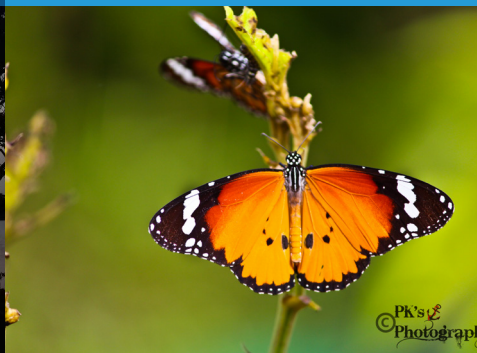
PAWAN KAMATH
BE-A



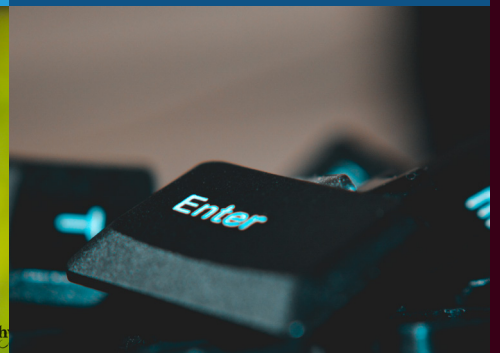
MUKUND KHAW
TE-A



SHREYA BHAGOLE
TE-A



PAWAN KAMATH
BE-A



SHUBHAM SONAWANE
TE-B



Creative Section

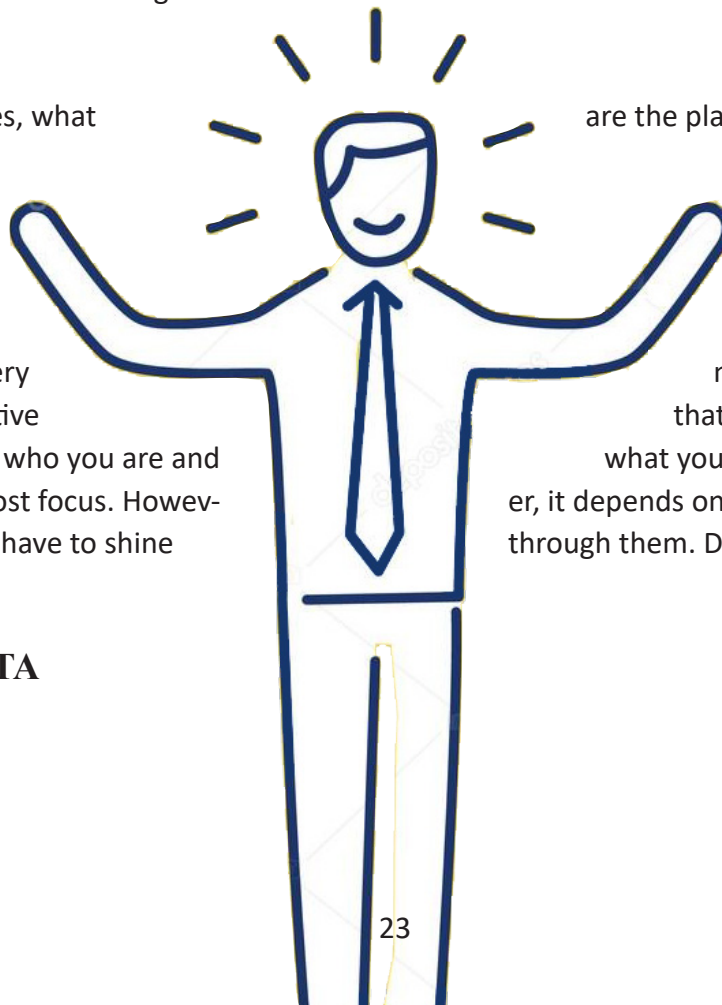
Self Confidence

This world, in which we live, is a very competitive one. It is popularly described as a rat race; full of competent people where the fittest of them survives. Success is not a cakewalk. One has to face lots of hardships and obstacles to taste success. The most important aspect in achieving success is self confidence. However, people are ambitious but not confident enough to go for it. In-fact, most of them don't know how to go for achieving it or are terrified to take risks in their life. Self confidence is not something which can be achieved in a day or two. It's the situation we face, motivation from others and self motivation that makes us truly confident. Hence those of us who feel that we lack confidence, should have no reason to be upset.

There are three kind of people: One, who dream big but do not have any idea how to pursue their goals. The second, who are over confident and end up ruining their opportunities. Lastly, the ones who are talented and have confidence to face the challenges. This group knows what they want and how to move further. For attaining a goal, it is important to strive for it and work on the strategies relentlessly. It is necessary to make proper planning and follow ups. We will come across ups and downs but should not lose focus and give up. Work hard throughout and be focused until the desired result is achieved.

Now, the question arises, what are the plans and strategies? At the outset, one has to be disciplined. It is not easy as it sounds, it requires lot of commitment. Sometimes it's not impossible. Thus taking good care of physique is very important when it comes to self confidence. Healthy food habits and proper sleep are very much essential. Since risk is involved, it is imperative that we do not lose hope or be disheartened. Knowing who you are and what your strengths are, is an area that requires your utmost focus. Everybody has flaws, but we have to shine through them. Don't lose hope, be patient, and work hard.

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SAKSHI .R. GUPTA
BE- A

TIME

Time spells on this,
Time shouts on that;
I never wait for anyone,
I never talk to anyone;
I'm not anyone's friend,
Neither anyone's enemy,
I don't know anyone,
But I'm known by everyone!!!
I don't wait for anyone;
I'm so confused, nervous - that's why?
I don't love or hate anyone;
Then why some people love...
And some hate me ???
I'm alone, no one's with me;
But I'm so glad that everyone
Follows me...
Most of the people want to cross me,
But very few have crossed ...!!!
I promise -
Whoever will cross me will be king of the
"world"
Everyone says that sometimes
I bring happiness,
sometimes sorrow,
Sometimes poverty, sometimes fortune .
What I give ??
What I take ??
I myself don't know !!!
What I'm ? How I'm ? Why do I walk fast?
Answer these questions, I don't know
I think no one knows...

Adarsh Pandey

TE-B

THE MANTRA FOR EXCELLENCE

A lot of us look at talented personalities with a sense of awe. That's what talent does right? It dazzles. But if you really look into it, a major part of excellence has nothing to do with talent. Beyond a certain point on your success graph, skills or talent are the inefficient virtues to possess. It's what you do with those possessions that actually matters. That's what we call "ATTITUDE".

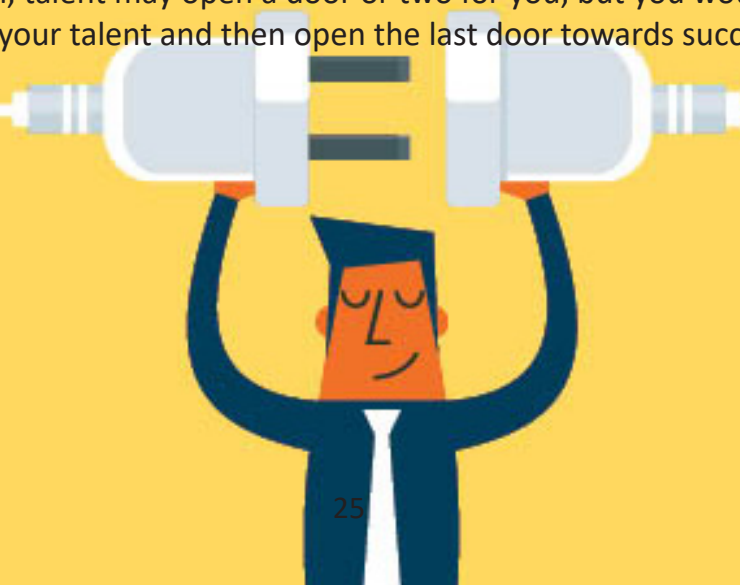
A prime example of this is the batting maestro Sachin Tendulkar. Do you think, when he was born, the nurse handed him over to his mother saying "Here are your 100 centuries"? Talent gave him the opportunity to play cricket, but, the decision was with him whether to pounce on the opportunity or not and what he did during his learning days? He didn't sit around just enjoying his talent. He played 2-3 games a day with a 2-hour practice session for continuous 55 days. Do you think Waqar Younis would feel the awe of a 16-year old making a debut in Karachi and bowl him loose deliveries? Absolutely not. Hence, to play him, you need to be cautious and play to the merit. So, It's not the talent that produced 100 Tendulkar hundreds, It's the attitude. If you go on the field thinking that your talent has answers to every problem, then you're probably on the verge of ego-tism leading to your failure. Talent breeds an ego.

Attitude is a global asset to have. Here's an interesting fact. In the Australian army, when building an elite core team, they look at your career record and see if you've failed anytime. If not, they don't hire you. Because if you haven't failed once, you haven't tasted crisis yet. Your skills provide the solutions to all your problems but, you may not have the audacity to deal with the crisis. That's what failures tend to do. You learn what not to do after making a mistake and when it comes to excellence, if you know 'what not to do', then you've probably cleared all the obstacles on the road to success which is now wide open. In no point of my life have I faced a situation where I am not allowed to make a mistake. Everybody is allowed to make a mistake. Mistakes aren't sins or crimes. Making the same mistake, again and again, might become a crime.

That's what differentiates Ronaldo or Virat Kohli from Messi or Rohit Sharma or respectively. The latter pair may possess extraordinary skills or elegance to be the best in the business. But they might not possess the appropriate temperament when it comes to reacting to crunch situations like the former pair.

Coming to the conclusion, talent may open a door or two for you, but you would need the appropriate attitude to groom your talent and then open the last door towards success.

MONISH NAIDU
TE-A



Leadership Strategies

People in this world can be classified in two categories based on their job. One is a leader and the other is a follower. It is quite obvious that a follower can have multiple leaders, but what matters is that a leader must have multiple followers. What does it take to be a leader? Leadership quality, that's all...? We often think that being a leader is not a big deal. Anyone can be a leader. As he is supposed to only command his subordinates and do the easiest job of just supervising tasks.

Only a true leader is the one who can define what leadership actually means to him/her. What backstage efforts drive him to his designation? Basically there are six types of leaders: Authoritarian, Paternalistic, Democratic, Laissez-faire, Transactional and Transformational. Let us see about each of them in detail...

Authoritarian

These type of leaders maintain a distinct professional relation between their followers.

They follow direct supervision to maintain a successful work environment.

This type of leadership creates discipline and efficiency in working methodology.

On the otherhand it creates a climate of fear and lack of emotional attachment with subordinates.

Paternalistic

As the name suggests, these leaders take care of their subordinates as parents.

In return he/she receives complete faith and loyalty of his followers.

Such leader-follower relation leads to their collective development as well as development of the organization.

At times over frank behaviour in such leadership lowers the respect of a leader.

Democratic

In this category decisions are collectively taken by the leader and followers.

The leader decides the right people to take part in the decision making process.

This type of leadership creates hierarchical pattern between subordinates that help carrying out tasks in a more efficient manner.

Besides there can be conflicts between subordinates due to hierarchy which can put the leader into a trou-

blesome situation.

Laissez-faire

The term is from French origin which means 'let them do'

This style is completely opposite of authoritarian leadership. Here all the decisions and tasks are left to the followers themselves.

Such leadership allows followers to have complete freedom of choice and decision-making.

This style encourages every person to be more responsible and develops his soft skills as well.

This style increases the gap between leader and his followers.

Transactional

Such method involves the leader to make his followers work in a system of rewards and punishments.

If the follower does a task in a better manner he is awarded else he is punished.

As this style of leadership encourages people to work with more dedication and indulge in a competitive environment it is in optimal use.

Give and take strategy causes poor loyalty and faithfulness between leader and follower.

Transformational

It is quite obvious that a leader's and follower's thinking and perception may not always match.

At such instances transformational leadership style is used.

Here the followers are trained to have the same perception as that of the leader.

This one vision one mission technique accelerates the growth of a team.

New ideas and developmental activities are restricted here.

So if you are a leader which type will you choose. And if you are a follower which type of leader will you prefer...

Mukund Khaw
TE-A



WORDS FOR LIFE

Changing lifestyle has had its effect on individual and community life. A lot of reforms in technology have taken place in the 21st century. With time, we have definitely got addicted to digitization and devices. With this, one can experience the reduction in love for books among people of all classes from students to adults. People now prefer various devices or social media over books. Books play a very essential role in one's life. Books are a place to get lost, at the same time found you in it. They enrich us with experiences and also increase your vocabulary. We get to experience the different world from the author's perspective. Hence it is often said that 'A reader lives a thousand lives before he dies.' Reading is just like dreaming with your eyes open. But with the time, we have forgotten all this. The new devices may provide us with comfort but not of the same intensity as of books. So it is an earnest request to all to inculcate this habit of reading and to pass on it as legacy for coming generation.

~Prof. Rajendra Gawali

GET UNCOMFORTABLE

Someone smart once said, “Everything you want is just outside your comfort zone”. Being uncomfortable is usually considered a bad thing. However, putting yourself in uncomfortable situations is CRUTIAL to developing new skills and gaining valuable experience.

You have to seek out situations that make you uncomfortable and then throw yourself into them. That doesn't mean risking your life by walking on the edge of a building- you don't need to do everything that scares you or makes you uncomfortable. Instead push yourself to do things that will help you reach your goal.

For example, in a student's life one of the most common fears is probably public speaking or giving a presentation. It happens because when we are speaking with all those eyes on us, we are afraid that we are being judged and we will mess it up. In such situations all we can do is change our mindset. Instead of finding excuses and ways to not give the presentation, try to embrace the negative thoughts and learn from them by facing our fear. I have learnt that the only way of getting rid of a fear is by facing it, no matter how hard it is. You can put it on hold, try to run away from it but it will always be there until you face it. So just take a deep breath and go for it. You may mess up 10 times but those ten times are crucial for you in order to be successful the eleventh time (or a little better at it). It will keep getting a little easier and a little less terrifying each time. To succeed at something, you have to step out of your comfort zone, inch by inch.

*“Think of discomfort as CURRENCY-It's the price you pay to l
earn some pretty crucial things.”*

Besides, the goal isn't always the trophy. The goal can also be the stepping stones – the bronze and the silver that brings you closer to the gold. Remember, on the path to success, fear and discomforts are the only speed bumps. Don't make them dead ends. The world is getting increasingly competitive where only the fittest can survive. So step out of your comfort zone, take risks, and embrace uncertainty with open arms, you'll be glad YOU DID !

Prabhjyot Kaur

TE-B



ENLIVEN YOUR DREAMS

Dreams serve as our goals, as long as we believe in them and constantly follow them. Life without dreams is like night without stars; no sparkle, no shine, no vigor and only darkness all around. The essence of life is in doing and enjoying things that makes you happy. If we let go off our dreams, then life will serve no purpose. The dream to be 'healthier', comes along with the commitment to lead life in the so called 'healthier' way. It further paves the way to actions. First, set the goal that helps in achieving the dream and then perform to achieve them. As we set higher goals, at first the gap between your goals and the dream will be enormously large, but eventually this gap will diminish. And Of course! As the intensity of goals will increase, the efforts needed to achieve them will also rise. But ultimately, your dream of attaining success will become a motivation to put in more of your efforts at every stage of this process.

Remember that all are capable enough of doing meaningful things in life. Dreams enlighten the 'uniqueness' of every individual. But the dream that we choose must cope with the stresses we encounter everyday. But at the same time, giving up on our dreams will lead us nowhere. The path of fulfilling dreams is not always smooth. Setting up the right goals and choosing the right way of achieving them is equally important.

Here comes the need of invigorating our dreams. Dreams pave the way to success. No matter how much we struggle to succeed, at the end our dreams will always get us there. Be it cracking a job interview, or starting a new business or learning something challenging, dreams will always motivate us to succeed in all ways. Just believe and follow. They will definitely lead us to a state of positivity.

The dream of one's life is not essentially something one pictures in their sleep. Those dreams will no longer be a part of us, once we are awake. Dreams to be successful should be something which never let you sleep. So the right dream can lead us to the most peaceful state of mind. The satisfaction of achieving such dream is again the motivation to dream more.

SAKSHI .R. GUPTA

BE-A



Teen Psychology

It's not unusual for young people to experience the "blues" or feel "down in dumps" occasionally. Being in adolescence can really be unsettling at times. Unrealistic academic and family pressures can create a strong feeling of rejection and can lead to deep disappointments.

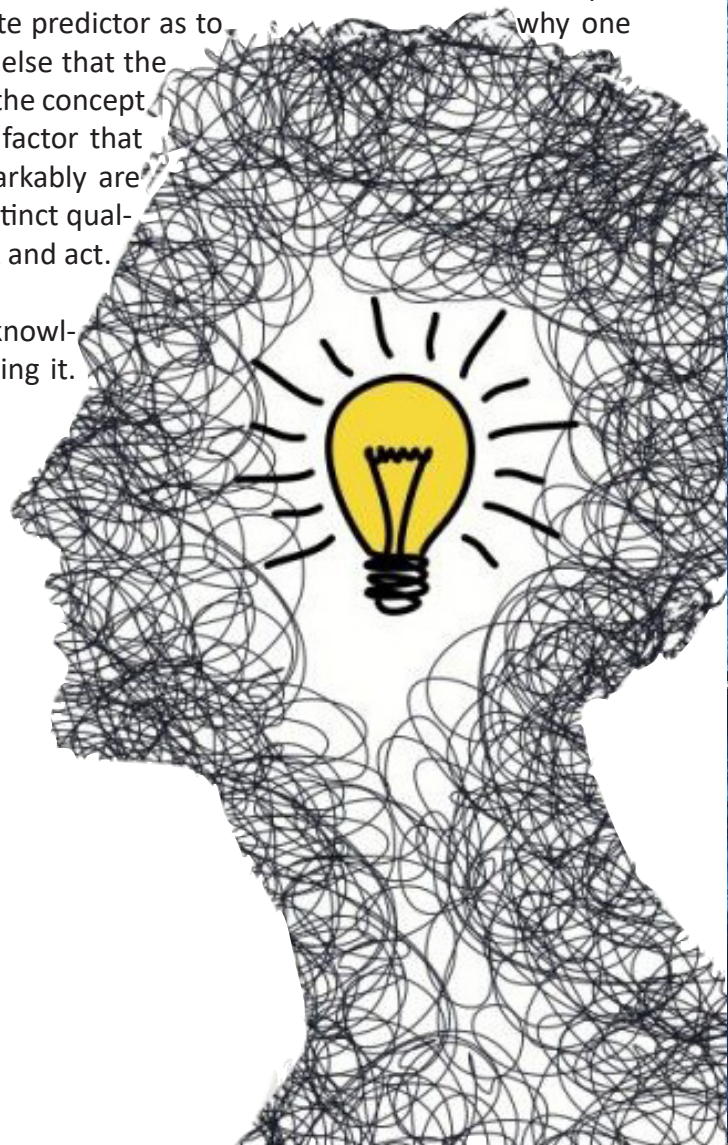
A teen has to go under many changes be it physical, emotional or psychological. And when things go wrong, a teen immediately gets bummed by it. They start feeling 'stressed out' and often get 'confused'. The constant bombarding of conflicting competition fabricates an arrogant behavior of the adolescent, notably of a novice. It's true that inexperience in a field causes one to feel down and ashamed. But at the same time coping with emotions margins the road towards brighter future. Needed is just a bit of patience and consistent belief in oneself.

The platform bridging the way towards success is only through small walkways. Expecting big advancement in the race right at the dawn causes unstable alters in mind. Many a times this motivates a teen to develop a pompous attitude. So basically the idea to witness is to clench on the emotions. Not education. Not experience. Not knowledge. None of these serve as an adequate predictor as to why one person succeeds and another doesn't. There is something else that the society doesn't seem to account for. And that something is the concept called emotional intelligence. Just like IQ, EQ is a critical factor that explains success in any field a person works. Teens, remarkably are needed to work on their EQ. IQ, personality, and EQ are distinct qualities we all possess. Together they determine how we think and act.

And thus as far as a teen's psychology is concerned, having knowledge of EQ improves personality and various traits following it. Emotional intelligence is hence an X factor to success.

Manasi Sabnis

TE-A



Nostalgia

Dwindling every moment in this elusive reality,
Faces pushing me towards the cipher value.
Bound to the land because of the incessant gravity,
Despondently waiting for something new.
Swaying my mind, sitting by the bay,
Till nostalgia ebbs me away.

Spiraling in the eternal alps of criticism,
Dreaming of descendance and intuitions.
With high hopes I look at the ray through the prism,
Shivering with these closed eye fornications.
Waiting on my bewitching
Till nostalgia ebbs me away.

Withering thoughts of black and white,
Carry me on through the gloomy night.
Striding on with this lacklustred pride,
Knowing these faces will never abide.
Contemplating the time for a new day,
Till the nostalgia ebbs me away.

Breakneck expectations and measured smiles will one day die,
Think of Polaris and aim for the sky.
Choose to be forever a child,
Hold my hand as we head into the wild.
I know that this sudden surge
Will end when, with my nostalgia I merge.

~Swapnesh Patra
BE-A

मैत्री

~Prof. Subodh Nikhale

भाग्यवान होती आमची पढी,
 जनि मोबाईल शविय मैत्री अनुभवली.
 कॉलेजला जाताना ऐखादा दविस रकिमा असायचा,
 रोजच्या न वसिरण्याच्या गोष्टीमध्ये मोबाईल नसायचा.
 ९ ते ५ कॉलेजनंतर ते वशिव संपायचे,
 कॉल्स आणामिसेजेस न करताही, दुसऱ्या दविशी अचूक भेटायचे.
 कुणी नाही आलं तर १ रुपया घेऊन पविळा डब्बा गाठायचो,
 अड्डा बदलला तर तशी बाकीच्यांच्या, गाडी वर चट्टी सोडायचो.
 दविसभर प्रत्येकाची तेव्हा तोंडाची टकळी चालू असायची,
 कुणी गेम्स तर कुणी whatsapp, अशी वसिकळीत स्थिती नसायची.
 गप्पामधले पॉजेस तेव्हा गाण्यांनी भरून नघायचे,
 मन, कान आणडिळे दर ५ मनिटिंनी फोन नाही शोधायचे.
 भेटल्यावर तेव्हा खऱ्या अर्थाने एकमेकांची सुख दुःखे कळायची,
 आता दविसभर whatsapp करूनही दुःखे स्वतःकडेच ठेवायची.
 मोठमोठ्याने टाळ्या देऊन हसणे आता smiley वरच भागते,
 Technology असूनही wavelength क्वचितच जुळते.
 खरेच भाग्यवान होती आमची पढी,
 जनि मोबाइल शविय मैत्री अनुभवली..



आस तुझ्या भेटीची

तू नसलास जारी सोबत
तरी आहेस माझ्या मनात ,माझ्या स्वप्नात
तुझी आस मजला देते जगण्याची सात
फक्त तुझ्या भेटीसाठी .. फक्त तुझ्या भेटीसाठी

तुझी आठवड जरी आली
तुझी आठवड जरी आली
तरी शहारुन जाते माझे मन,माझे हृदय
तुला पाहताच सामोरी ..तुला पाहताच सामोरी
न जाणे का थांबतात माझ्या हृदयाचे ठोके
थांबते हे सारे जीवन

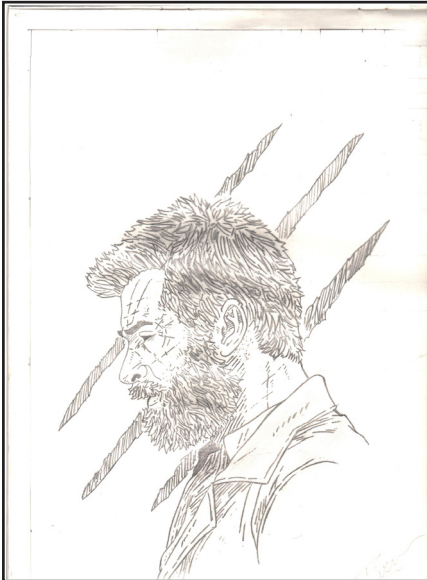
माझ्या दविसाची सुरुवात ही तु
आणदविसाची शेवट ही तु
फक्त तु आणतु माझं आयुल्य आहेस तु
अर्थ नाही त्या जीवनाला ज्यात तु नाही
आतुरली आहे फक्त तुझ्या भेटीसाठी..
फक्त तुझ्या भेटीसाठी

रोज जरी बोलत नसु आपण
तरी आवडतो हा अबोलापण
अबोला का असेना पण,
प्रेम दडलेला आहे त्यात
शोधते मी ते प्रेम
फक्त तुझ्या भेटीसाठी .. फक्त तुझ्या भेटीसाठी

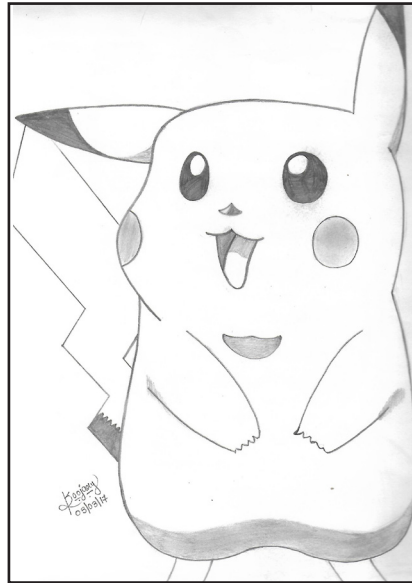
~Sneha Salunkhe



Sketches



PRASAD TIKARE
BE-A



SHREEJA POOJARY



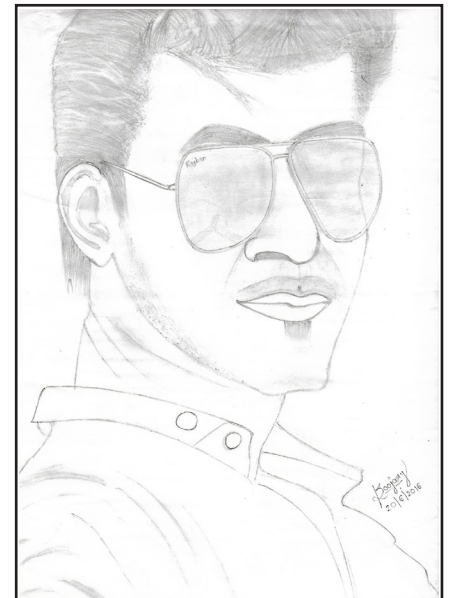
PRASAD TIKARE
BE-A



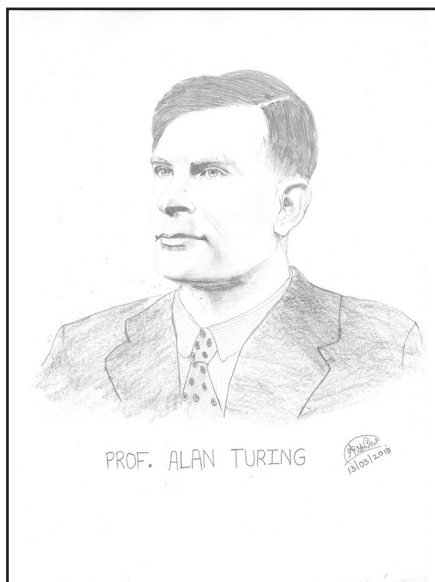
SHREEJA POOJARY



PRASAD TIKARE
BE-A



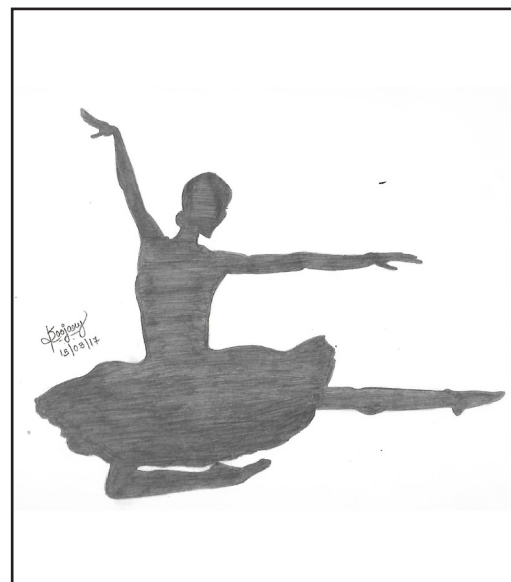
SHREEJA POOJARY



AKSHAY BHAGAT
TE-A



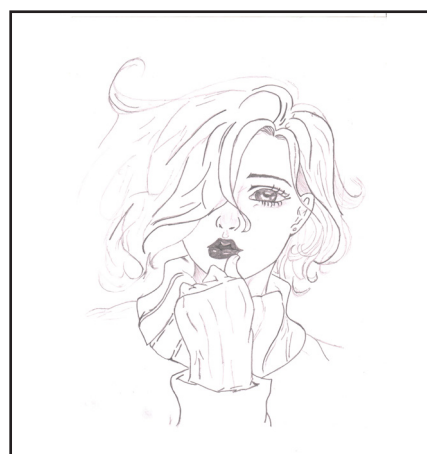
PRASAD TIKARE
BE-A



SHREEJA POOJARY



SHREEJA POOJARY



PRASAD TIKARE
BE-A

Testimonial

NIHAL PANDEY

(EXTERNAL OFFICER)

It gives me immense pleasure to represent myself as the External Officer of CESA for 2017-18. CESA has become the most active club in the computer department and arguably in the whole college. We successfully organized so many events. It was all possible because of our faculty incharges and our CESA team. My role at CESA varied from time to time, event to event. Being an External Officer I worked with anything related to communication with teams from outside the college, be it for seminars, workshops or during college festival. The main goal of our team was to make the students of computers department more comfortable and enjoy their time in the college along with curriculum which we successfully did. Looking forward to make Computer department a better place for our students, I wish all the students good luck and would like to thank each and everyone who contributed for the welfare of CESA, for the welfare Computer department.

SANCHAY CHAUDHARI

(CULT ZEPHYR)

It's been a great journey of me becoming the JT CO CULTURAL SECRETARY of my college. I really enjoyed the position, power and responsibility. I have been working in our college fest since first year of my engineering. I have worked from the very ground level by cleaning the cell to picking up the benches. In the very first year, I was the part of cultural management team and publicity team where as in the second year, I was the part of TECHNICAL FEST being the management head handling around 200 people. The responsibility was huge but all the dedication and hard work working day and night paid off. Then I heard about the elections being held for the post. When working for my technical team, all my heart was in cultural as all my friends were part of technical team. On the election day, I decided to stand for the post of co cultural secretary where I need to face the interview from ex council and dignitaries. 30 mins later, I was announced the Jt Co Cultural Secretary of LTCOE.

Slowly we all started making our new team. As a leader I was aware that at some point budget was out of my control, this taught me the important lesson of financial management and team work. As a team leader I discovered new qualities within me.

After a lot of hard work and support of many students as well as of staff our CULTZEPHYR became a successful event. I got lot of compliments for bringing in MH43 INDIA band in our college. On day 2 we had Bollywood DJ where DJ Paroma and DJ Sartek had a great show.

After CULTZEPHYR I have more reasons to thank all my friends and my juniors who supported me till the end. Actually, all my juniors and me share a good bond with each other as we all have been worked together earlier. From organising a Freshers to organising a blood donation camp, they have helped me a lot. Rather than saying juniors to them I personally treat them as friends of same age. When I graduate, I will not be filled with degree but with the experience, happiness and satisfaction for the rest of my life.

ANUSHKA SRIVASTAV

(CO-LADIES REPRESENTATIVE)

On the first day of our first year we were given an orientation and Women's Development Cell (WDC) was the one club that caught my attention and interest the most and here I am two years later, heading the club! I had always wanted to be in a position wherein I could bring about change and this institution gave me that platform by electing me as the Co-Ladies Representative of the college; for which I'm eternally grateful. Women Empowerment is a cause which has always been very close to my heart and fortunately I got this wonderful opportunity to represent our women and I believe this is just the beginning of my journey.

While fulfilling my responsibilities as Co- LR I developed various skills in the area of leadership, Man management, Finance management, Interpersonal and communication skills. I learnt the art of critical thinking, handling pressures and also developed a problem solving approach.

For the first time in the history of Lokmanya Tilak College of Engineering we celebrated Women's Week which included various pressing issues like Women's Safety, Cancer awareness in women, Road safety we also touched upon areas like Skin and Dental health care and Tree plantation and Cleanliness Drive for which I'd like to thank my entire team for being a part of this incredible journey.

This experience taught some important life lesson and I'd take it forward in my life.

Beta is Latin for still doesn't work.

Artificial Intelligence usually beats natural stupidity.

*First, solve the problem.
Then, write the code.*

*Computers do not solve problems,
they execute solutions.*

*Only half of programming is coding.
The other 90% is debugging.*

*I love deadlines.
I like the whooshing sound
they make as they fly by.*

*One man's constant is another
man's variable.*

*Without requirements or design,
programming is the art of adding
bugs to an empty "text" file.*

*The problem with troubleshooting
is that trouble shoots back.*



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