

Tattwadarshi

2018



EXPLORE THE
UNEXPLORED

Shri Sant Gajanan Maharaj College
Of Engineering, Shegaon



Shri Gajanan Shikshan Sanstha, Shegaon

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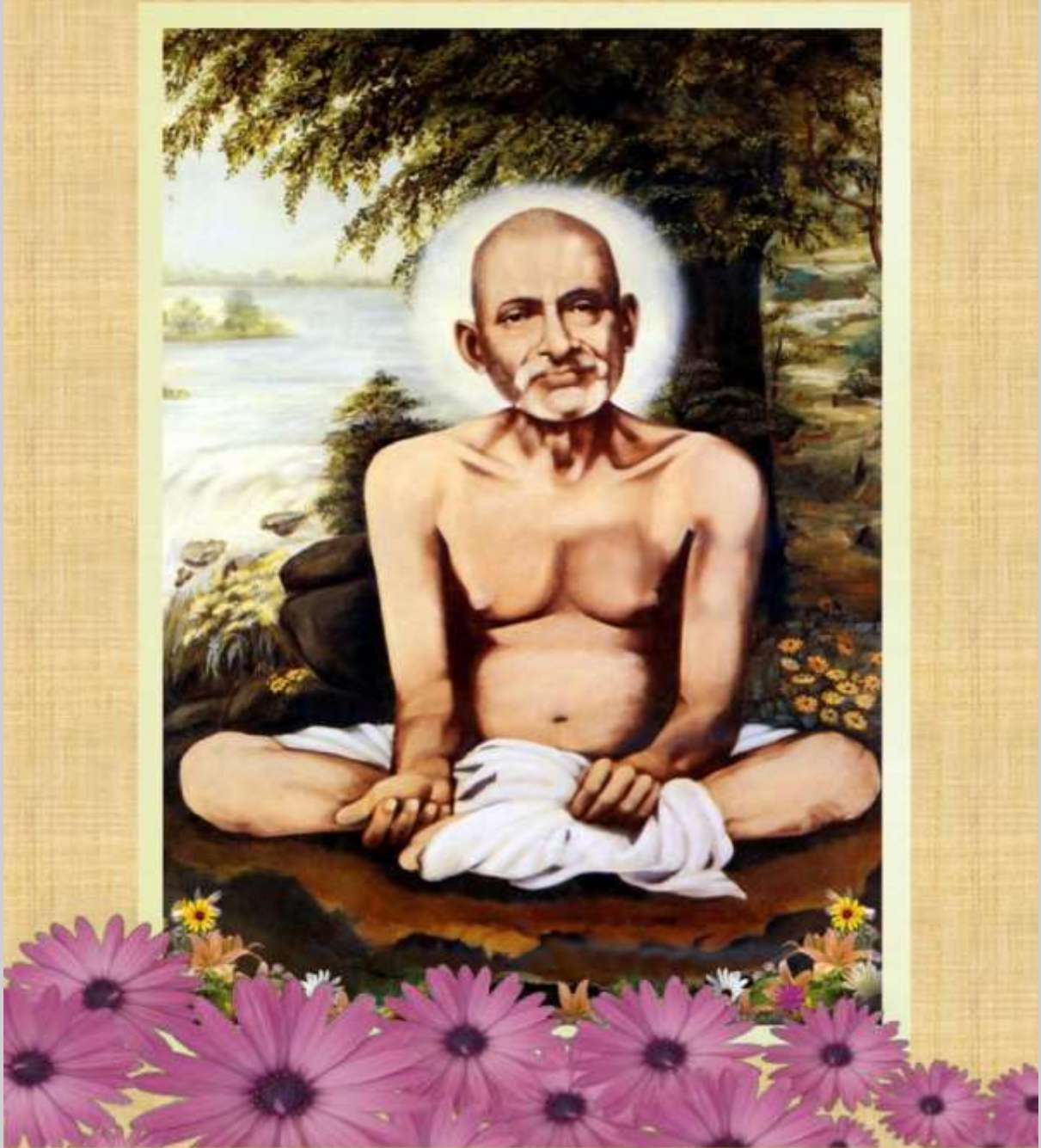


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शुभसंदेश

सर्वप्रथम ज्यांच्या आशीर्वादाने हे सगळं झालं...अशा सद्गुरू माऊली श्री गजानन महाराजांना मी वंदन करतो.

संस्थे अंतर्गत सन १९८३ पासून स्थापन करण्यात आलेले श्री संत गजानन महाराज अभियांत्रिकी महाविद्यालय हे विद्यार्थी वर्गासाठी ज्ञानार्जन केंद्र म्हणून सुरु करण्यात आले. येथे विद्यार्थ्यांच्या शैक्षणिक तथा वैज्ञानिक दृष्टीकोनांना नवे आयाम तर मिळतच आहे तसेच आध्यात्मिक, सामाजिक आणि सांस्कृतिक मुल्ये देखील रुजवली जातात.

३० वर्षापूर्वी या महाविद्यालयाचं रोपट लावताना सर्वांच्या मनात अनेक प्रश्न होते. पण इथल्या प्राचार्यांनी, प्राध्यापकांनी आणि विद्यार्थ्यांनी दिवसरात्र परीश्रम घेवून त्या सगळ्या प्रश्नांना उत्तर दिले आणि आमच्या स्वप्नातला 'कल्पवृक्ष' साकार केला. विविध विषय शाखेत शिकत असलेला आमचा विद्यार्थी चारित्र्यवान, सर्वगुणसंपन्न व मेहनती बनावा यासाठी संस्था सदैव प्रयत्नशील राहिली आहे. त्यामुळे या संस्थेची कीर्ति सर्वदूर पसरली आहे. इथल्या विद्यार्थ्यांनी आपला वेगळेपण नेहमीच जपलं आहे.

दरवर्षीप्रमाणे यंदाही तत्त्वदर्शींचा हा वार्षिकांक प्रकाशित करण्यात येत आहे. या वर्षीचा विषय आहे "एक्सप्लोर दि अनएक्सप्लोरड". आजच्या पिढीमध्ये प्रचंड क्षमता आहे. विद्यार्थ्यांच्या मनात अनेक गोष्टी असतात, कल्पना असतात. त्या त्यांनी शब्दबद्ध करून जगासमोर मांडल्या तरच त्याचा समाजासाठी उपयोग होईल. आपला हा वार्षिकांक ही संधी उपलब्ध करून देतो. मला खात्री आहे कि आपण याचा उपयोग कराल. दरवर्षीप्रमाणे तत्त्वदर्शी वार्षिकाने यावर्षीही आपला वेगळा ठसा सगळ्याच्या मानत उमटवलाय. तत्त्वदर्शींमुळे विद्यार्थ्यांच्या सुप्त गुणांना वाव मिळाला आहे. नवनवीन विचारामुळे साहित्याकडे असलेली त्यांची ओढ वाढीस लागली आहे. हे सगळे पाहून मला विद्यार्थ्यांचे कौतुक करावेसे वाटते. हा वार्षिकांक विद्यार्थ्यांच्या जीवनात दीपस्तंभाचे कार्य नक्कीच करेल अशी मी श्री चरणी प्रार्थना करतो. या वार्षिकासाठी मी संपादकांना आणि प्राचार्यांना मनपूर्वक शुभेच्छा देतो. तसेच या वार्षिकाला उत्तरोत्तर असाच प्रतिसाद लाभो अशी कामना करतो.



श्री शिवशंकरभाऊ सुकदेव पाटील

अध्यक्ष

श्री गजानन शिक्षण संस्था, शेगाव



SUPRIYA SULE, M.P.
(Lok Sabha)

Date : 15/03/2018

Dear students of SSGMCE, Shegaon,

I am very delighted to interact you through this page of annual magazine Tattwadarshi-2018. Students are the future of our nation. Their contribution in variety of field is going to help India to become super power. All of us know that students are the most creative geniuses on the earth. The theme of magazine this year "Explore the Unexplored" gives you the platform to explore your creativity on any topic that comes in front of you.

Have fun at the campus while pursuing education but never miss the opportunities that you get in student life. Education helps to make you the responsible citizen of a nation. You should be aware of the problems our country has been facing. That is an area where you can address some the problems and become a part of nation building.

Empowerment of students for their all-round development through education is the long cherished motto. Today education means much more than merely acquiring knowledge. It is acquisition of knowledge and skills, building character and improving employability of our young talent, the future leadership. The

Always remember-"Winning is the habit; not a destination."

I wish you all the best and the bright career ahead.



(Supriya Sule)

**Shri Sant Gajanan Maharaj College of Engineering
Shegaon, Maharashtra,**

- Delhi** : C-1/5, Lodhi Garden, New Delhi - 110 003
• Tel: 011-23018870 / 23018619 • Fax: 011-23018609 • E-mail: supriyassule@gmail.com
- Mumbai** : Silver Oak Estate, Bungalow No. 2, 1st Floor, Bhulabai Desai Road, Mumbai - 400 026
• Tel: 022-22852345 (O), 022-23515222 (R) • Fax: 022-22813018
- Pune** : E 15, Nisarg, Market Yard, Pune - 411 037
• Tel: 020-24263266 • Fax: 020-24264253



DIRECTORATE OF TECHNICAL EDUCATION MAHARASHTRA STATE

3, MAHAPALIKA MARG, POST BOX NO. 1967, MUMBAI-400 001
Tel: 22641150, 22641151, 22620601, 22690602, FAX: 2692102/22690007
Internet: <http://www.dtemaharashtra.gov.in> e-mail : director@dtemaharashtra.gov.in

Date : 22nd March, 2018



M E S S A G E

I am glad to meet you through this magazine. I strongly believe that, the college magazines tell the outside world about the quality of education imparted in the institution.

The theme of this year is "Explore the Unexplored". I am sure that this magazine will be informative and resourceful. This will provide you an opportunity to come up with innovative ideas which have never been explored before. The today's young generation has tremendous potential that can transform the society. The only requirement is to utilize the opportunity that you get in your life. Always follow the ethics and values in your life and career. The college magazine is a forum which could be used for recording events, memories and creative writing. Let the external world know your potential.

I am happy to know that there is a dedicated team of staff and students who bring out the magazine; I appreciate the efforts of the magazine team and congratulate them. On this occasion, I extend my greetings to the Management, Principal, Students, Faculty and Staff of the college in their endeavours.



(Dr. Abhay Wagh)
Director

Directorate of Technical Education M.S.
Mumbai - 400 001

DR. MURLIDHAR CHANDEKAR
M.COM., M.Phil., Ph.D
VICE-CHANCELLOR



SANT GADGE BABA
AMRAVATI UNIVERSITY
AMRAVATI - 444 602
MAHARASHTRA (INDIA)

NAAC Accredited at the 'A' level

Date : 23 MAR 2018

MESSAGE

I am gratified to know that Shri Sant Gajanan Maharaj College of Engineering, Shegaon, Maharashtra is bringing out the issue of their annual magazine "Tattwadarshi" for this academic year (2017-2018). The magazine is a platform for the students to express their creative pursuit, which develops in them originality of thought and perception. The Contents of the magazine reflect the wonderful creativity of thoughts and imagination of students. The seeds of peace in the world have their origin in the righteousness in the heart of every individual. Such righteous citizens lead to the evolution of an enlightened society. Education with a value system has to be so designed that righteousness in the heart is developed in young minds. Life without purpose is spiritless. Spirituality provides beauty of heart and a clear mind. This beauty, truth, and friendship are great virtues of life. "The mind is not a vessel to be filled, but a fire to be kindled." Said Plutarch. I believe "Tattwadarshi" should kindle the imagination of readers.

Good things remain good only because they are always scarce. I am glad to pen for this wonderful magazine as an appreciation of the commendable efforts put forth by the team comprising of Principal, editorial board, etc. The efforts taken to bring about innovative content is appreciable.

I earnestly, hope that entire student community of the college will make the best use of this opportunity by contributing to the annual magazine and the readers will benefit from the knowledge content. I wish this college a very big success in all their ventures. I also applaud the coordination and efforts behind the team to bring out this issue. I wish the magazine a great future.




(Dr.Murlidhar Chandekar)

Phone : Office - 0721 - 2662373, Resi. 0721 - 2662108, 2662093, Fax No. 0721 - 2662135, Gram : sgbamuni

E-mail : vc@sgbau.ac.in Website : www.sgbau.ac.in

From the desk of Managing Director...

It gives me an immense pleasure to pen down few words as a prologue to our college magazine "Tattwadarshi-2018".

The theme of this year "Explore the Unexplored" provides you the opportunity to express your views, opinions, creativity and imagination in a variety of ways. That also offers an opportunity to write on wide variety of topics. This seems to be the right initiative for the development of students. This magazine provides the platform to formulate and to spread your intelligence that other people are unknown of.

During this 32 years of journey of college, our collage achieved success and then climbed many height of progress. I always feel proud with pleasure while communicating with the students through this page and express my views about today's developing creativity of students.

I feel very glad when students express their views through writing who are unable to express their views in front of people. However what makes me happier is when a student from rural background progresses steadily from good performance to best performance, moving towards excellence.

Mutual love and co-operation, discipline, focused approach, the notion of compression discipline, notion of compression and sacrifice for nation, passion for cleanliness of our college premises and environment in general, agility, and alertness, for eco-balance, would definitely, go a long way to provide you a blissful and successful life. With this you would definitely turn out to be best global citizen endowed with humanistic value after getting formally instructed from this institution and would open new horizons of development and bliss for your country.

I congratulate all the contributors and the editorial board for bringing out such a beautiful magazine.

I am sure that this issue of our college magazine will be informative and resourceful.

All the best.



Shri. Shrikant S. Patil
Managing Director
Shri Gajanan Shikshan Sanstha, Shegaon

From the desk of Principal...

Dear Students,

It gives me an immense pleasure to interact with you all through this page of our magazine Tattwadarshi. The college communicates its values and ethics to the external world through this magazine. The theme of Tattwadarshi-2018 “Explore the Unexplored” rightly points out the objective behind this magazine. I am happy to see your creativity here.

I personally believe that young talent finds its first exposure through this medium. Also the most important thing about the college magazine is that it creates an opportunity for the students to enhance and improve their creative skills. The students must consider it as a matter of pride if their articles get published in the college magazine. They are a source of self-help and self-confidence for you all. It has rightly been observed that: “The college magazine is the cradle of future writers “.

The college life is not only about academics. It is also about using the different platforms you get to show your hidden talent. When you write something on a piece of paper, you learn to express yourself. That gives you the confidence. You use this platform and explore potential. I appreciate the efforts taken by the editorial board of team Tattwadarshi-2018 to bring it in front of well in time. I am confident that you all will enjoy reading this magazine.

I wish you All the Best.



Dr. S B. Somani
Principal

From The Desk OF Faculty Advisor...

It gives me an immense pleasure to present this issue of college magazine “Tattwadarshi-2018”.

It has been a wonderful journey from the collection of articles and bringing it in the form of a magazine. Our magazine “Tattwadarshi” offers an opportunity to the students to explore their creativity through writing. It has a great educative value and encourages students to think and write. So it develops their writing skills and talent. This year we have come up with the theme “Explore the Unexplored”. It would definitely help students to bring out their inner feelings, thoughts and emotions in the form of words.

Many students contributed by writing articles on variety of issues. It is noteworthy that the student community is enthusiastic to be a part of Tattwadarshi magazine. It is the efforts of students which have made the difference and we are able to bring this year’s issue in front of you.

We are happy to present this issue for all the stakeholders of our college. I extend my sincere thanks to the respected management and respected Principal Dr. S. B. Somani sir for their continuous encouragement and support in the process.

Each year, our team including editors, designers, photographers, and correspondents, in addition to generating creative content from the student population, work extensively to report on events in and around college. The final publication reflects and encompasses the diversity inherent to the academic and extra-curricular spaces.

Come on let’s give our best and make this institution a modern temple of learning through our diligence, devotion and dedication.

I thank all the student coordinators who worked hard to complete this magazine well in time. I am sure you will enjoy reading Tattwadarshi-2018.

I wish you all a wonderful journey ahead.



Prof. Sachin Bhagat
Faculty Advisor

EDITORIAL

Just like the gods and the devils churned the ocean of milk to extract the nectar, we have tried to churn out creativity from this mess of science. A lot of effort has gone into the making of this issue. We hope you enjoy reading the magazine. The best thing about this issue is that it represents the creative side of SSGMCE students to a fair degree-something that we think we all need to reconnect with. Amidst the busy schedule of a semester, with unit tests, lab tests, TECs (Teacher's Evaluation Components) and all those assignments and problem sheets that make you want to bang your head on the wall, we tend to lose track of all the other simpler things that we are capable of, things that we could have been proud of, that can bring one satisfaction. So this time we have made an attempt to bring out the talent concealed within our student community. This issue includes articles, poems, art-works, a host of other things and also a parody. We hope you enjoy reading this issue as much as we have enjoyed making it. At the heart of College Magazine lies a close-knit team of student journalists. Our goal is to create an incredible guide for our college readers. We accomplish this goal by equipping our writers with the skills to tackle challenging subjects and ultimately uncover their voices. I would like to thank all my editorial team members for helping me pull this through. I express my considerable appreciation to all the authors of the articles in this magazine. I would also like to thank Prof. S. V. Bhagat sir for being wonderful Faculty Advisor of Tattwadarshi-2018. These contributions have required a generous amount of time and effort. It is this willingness to share knowledge, concerns and special insights with fellow beings that has made this magazine possible.

Thank you all!!

Tushar Zombade
Final Year
Electronics and Telecommunication Engineering
Chief Editor, Tattwadarshi - 2018

EDITORIAL

I feel proud to tell you all that we have completed another version of Tattwadarshi, and feeling lucky to be a part of Tattwadarshi team, as an Associate Chief Editor.

We welcome all the different articles, sketches, poems on every topics as the students are free to write on any topics. Engineering is totally a different stream, it is a technical education to keep the student attached to their creativities, and Tattwadarshi is providing a great platform for enhancing the student's skills. It gives the sea of opportunities for the students who are really passionate about their technical as well as non-technical hobbies.

All we know that no one is inborn talented, we have to practice always and always require a new start. Our magazine provides this chance to all the students. The response from the student is really very great while collecting the material. I appreciate the response and hope for the best. It is only because of our student's creative mind and hard work that our magazine has become so beautiful.

I am very thankful to Honorable Principal Dr. S. B. Somani sir for his support and Faculty Advisor Prof. S.V. Bhagat sir for his time to time guidance and moral support. I would like to thank all my teammates, chief editor for their great coordination and hard work. I am also thankful to all students those who sent their articles, poem, sketches for magazine. Keep participating and reading. Best luck for our bright future.

Miss. Renuka V Bhaltadak
(B. E. Final Year – Electronics and Telecommunication Engineering)
Associate Chief Editor



Team Tattwadarshi 2018



Prof.S.V.Bhagat
Faculty Advisor



Tushar Zombade



Renuka Bhaltadak



Aditya Khedkar



Mayuri Sangle



Arti Pawar



Manali Bahekar



Sadiya Khan



Atmanand Gore



Samruddhi Dhamande



Rohit Wagh



Vishwanath Javanjal



Ajinkya Bawaskar



Ajay Thakur



Anand Kharat



Dhiraj Kadu



Yash Gyanchandani



Mayank Koparkar



Vaishnavi Ugale



Priya Pawar



Mayuri Wankhade



Shubhangi Madake



Daksha Mamalkar



Kiran Adhao



Dnyanesh Khot



Aruna Sambhare



Mukta Tayde



Shantanu Nashine



Himani Zandani



nilesh sukode

CAMPUS



Cricket Ground



New Seminar Hall



Sports Complex



New Auditorium



Advanced Research Center



Administrative Building



College Building



Residential Buildings

GLIMPSES



Alumni Meet



All Terrain Vehicle (ATV)



Cii Youth Connect



E Summit IITB



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IEEE Bombay Section Congress

राष्ट्रीय चर्चासत्रास शानदार सुरुवात

श्री गजानन महाराज अभियांत्रिकी महाविद्यालयात

श्री गजानन महाराज अभियांत्रिकी महाविद्यालयात राष्ट्रीय चर्चासत्रास शानदार सुरुवात. यावेळी प्राचार्य डॉ. एस. ए. शिंदे यांच्या अध्यक्षतेखाली चर्चासत्र सुरू झाले. यावेळी प्राचार्य डॉ. एस. ए. शिंदे यांच्या अध्यक्षतेखाली चर्चासत्र सुरू झाले.

अभियांत्रिकी महाविद्यालयात विविध स्पर्धांचे आयोजन

श्री गजानन महाराज अभियांत्रिकी महाविद्यालयात विविध स्पर्धांचे आयोजन. यावेळी प्राचार्य डॉ. एस. ए. शिंदे यांच्या अध्यक्षतेखाली चर्चासत्र सुरू झाले.

महाविद्यालय में 13 को पूर्व विद्यार्थी सम्मेलन

श्री गजानन महाराज अभियांत्रिकी महाविद्यालयात 13 को पूर्व विद्यार्थी सम्मेलन. यावेळी प्राचार्य डॉ. एस. ए. शिंदे यांच्या अध्यक्षतेखाली चर्चासत्र सुरू झाले.

SSGMCE to hold symposium from Feb 16

Shri Sant Gajanan Maharaj College of Engineering, Shegaon is organising a national-level technical symposium 'Pursair 18' on February 16 and 17 on its campus. The symposium is sponsored by Value Momentum Pvt. Ltd., Hyderabad, Yash Enterprises, Khamsaun, Venus Books Distributors, Nagpur, India Books Distributors, Amravati and Youngsihan.com. Principal Dr S B Somani has appealed students to participate in large number and show the talent through different...

गजानन महाराज अभियांत्रिकीत आजपासून राष्ट्रीय चर्चासत्र

श्री गजानन महाराज अभियांत्रिकी महाविद्यालयात आजपासून राष्ट्रीय चर्चासत्र सुरू झाले. यावेळी प्राचार्य डॉ. एस. ए. शिंदे यांच्या अध्यक्षतेखाली चर्चासत्र सुरू झाले.

लोकमत गजानन महाराज अभियांत्रिकी विद्यालयात राष्ट्रीय चर्चासत्र

श्री गजानन महाराज अभियांत्रिकी महाविद्यालयात लोकमत राष्ट्रीय चर्चासत्र सुरू झाले. यावेळी प्राचार्य डॉ. एस. ए. शिंदे यांच्या अध्यक्षतेखाली चर्चासत्र सुरू झाले.

महाविद्यालय में 13 को पूर्व विद्यार्थी सम्मेलन

श्री गजानन महाराज अभियांत्रिकी महाविद्यालयात 13 को पूर्व विद्यार्थी सम्मेलन. यावेळी प्राचार्य डॉ. एस. ए. शिंदे यांच्या अध्यक्षतेखाली चर्चासत्र सुरू झाले.

SSGMCE's alumni meet from 13th

Shri Sant Gajanan Maharaj College of Engineering (SSGMCE), Shegaon is organising its 13th consecutive alumni meet on January 13. Addressing a press conference, Dr Sunil B Somani, Principal and Dr Dinesh Nageswari, Co-ordinator of the meet, said they in consultation with the engineering and management alumni long years ago it was decided every year in the college campus January. Since the college makes all arrangements for the boarding for free, the alumni were requested to register their participation through alumni portal i.e. www.ssgmcealumni.com. So far through the portal and the registrations were still taking place.

13 ला अभियांत्रिकी महाविद्यालयामध्ये माजी विद्यार्थी मेळावा

श्री गजानन महाराज अभियांत्रिकी महाविद्यालयात 13 को पूर्व विद्यार्थी सम्मेलन. यावेळी प्राचार्य डॉ. एस. ए. शिंदे यांच्या अध्यक्षतेखाली चर्चासत्र सुरू झाले.

‘श्री गजानन’ मध्ये माजी विद्यार्थी मेळावा प्राचार्य सोमणी : ५०० विद्यार्थ्यांनी केली नोंदणी

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माजी विद्यार्थी मेळाव्याचे आयोजन

श्री गजानन महाराज अभियांत्रिकी महाविद्यालयात माजी विद्यार्थी मेळाव्याचे आयोजन. यावेळी प्राचार्य डॉ. एस. ए. शिंदे यांच्या अध्यक्षतेखाली चर्चासत्र सुरू झाले.

लोकमत

श्री गजानन महाराज अभियांत्रिकी महाविद्यालयात लोकमत राष्ट्रीय चर्चासत्र सुरू झाले. यावेळी प्राचार्य डॉ. एस. ए. शिंदे यांच्या अध्यक्षतेखाली चर्चासत्र सुरू झाले.

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 प्राचार्य सोमानी : ५०० विद्यार्थ्यांनी केली नोंदणी

श्री गजानन महााराज अभियांत्रिकी महाविद्यालय माजी विद्यार्थ्यांच्या मेळावा (१३ जानेवारी) या वर्षी प्राचार्य सोमानी यांच्या अध्यक्षतेखाली संपन्न झाले. यावेळी ५०० विद्यार्थ्यांनी नोंदणी घेतली. यावेळी प्राचार्य सोमानी यांनी आपले मार्गदर्शन केले. यावेळी प्राचार्य सोमानी यांनी आपले मार्गदर्शन केले. यावेळी प्राचार्य सोमानी यांनी आपले मार्गदर्शन केले.

श्री गजानन महााराज अभियांत्रिकी महाविद्यालय माजी विद्यार्थ्यांच्या मेळावा



श्री गजानन महााराज अभियांत्रिकी महाविद्यालय माजी विद्यार्थ्यांच्या मेळावा

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संजय शिंदे 9860234805

तरुण भारत

गजानन महाराज अभियांत्रिकी महाविद्यालयात रक्तदान शिबिर

अभियांत्रिकी महाविद्यालय में रक्तदान शिबिर

www.shitavada.com/shitavadanews.asp

FROM THE VIDARMA COLLEGES

SSGMCE, Shegaon

'संत गजानन' मध्ये रक्तदान

सकाळ वृत्तसेवा

शेगाव, ३० : रक्तदान हेच जीवनदान. रक्तदान हेच सर्वश्रेष्ठ दान असे समजले जाते. राष्ट्रीय रक्तदायक यंत्रणेच्या आदेशानुसार देशभरात रक्तदान शिबिरांचे आयोजन केले जाते. शेगाव येथील गजानन महाराज अभियांत्रिकी महाविद्यालयाच्या प्राचार्य दिवाकरांच्या मार्गदर्शनाखाली रक्तदान शिबिराचे आयोजन केले. यावेळी विद्यार्थ्यांनी रक्तदान केले. यावेळी प्रा. किरीट ठाकरे, सई मोटे, डॉ. वि. मधुकर आदींच्या सहकार्याने रक्तदान शिबिराचे आयोजन केले.

Alumni attending the event held at SSGMCE, Shegaon.

ALUMNI meet was held at Shri Sant Gajanan Maharaj College of Engineering, SSGMCE, Shegaon. Around 250 alumni of the college from different parts of the country and overseas were present on the occasion. Shri. S. S. Somani, Secretary of Shri Gajanan Maharaj College, Shegaon, welcomed the guests. He was followed by Shri. S. S. Somani, Director of Power, Cement, Sugar, Paper, Textile, and other industries, who addressed the gathering. He was followed by Shri. S. S. Somani, Director of Power, Cement, Sugar, Paper, Textile, and other industries, who addressed the gathering. He was followed by Shri. S. S. Somani, Director of Power, Cement, Sugar, Paper, Textile, and other industries, who addressed the gathering.

FROM THE VIDARMA COLLEGES

SSGMCE, Shegaon

Sakshi Deshmukh receiving prize from the guests.

Gajanan Maharaj College of Engg, Shegaon

Donors receiving certificate on the occasion.

गजानन महाराज अभियांत्रिकीचे वक्तृत्व स्पर्धेत यश

कार्यक्रमाचे : रविवार दि. २८ जानेवारी २०१८

श्री संत गजानन महाराज अभियांत्रिकी महाविद्यालयात रक्तदान शिबिर

शेगाव, ३० : रक्तदान हेच जीवनदान. रक्तदान हेच सर्वश्रेष्ठ दान असे समजले जाते. राष्ट्रीय रक्तदायक यंत्रणेच्या आदेशानुसार देशभरात रक्तदान शिबिरांचे आयोजन केले जाते. शेगाव येथील गजानन महाराज अभियांत्रिकी महाविद्यालयाच्या प्राचार्य दिवाकरांच्या मार्गदर्शनाखाली रक्तदान शिबिराचे आयोजन केले. यावेळी विद्यार्थ्यांनी रक्तदान केले. यावेळी प्रा. किरीट ठाकरे, सई मोटे, डॉ. वि. मधुकर आदींच्या सहकार्याने रक्तदान शिबिराचे आयोजन केले.

BLOOD donation camp was organised at Shri Sant Gajanan Maharaj College of Engineering, Shegaon, recently. The students and employees of the College donated blood voluntarily on the occasion. Out of total 238 bottles of blood, 183 bottles were given to Government College, Akola, and remaining 35 bottles were given to Saibai More Hospital, Shegaon, respectively. Dr. S. S. Somani, Principal, Prof. N. S. Thakre, NSS Unit faculty in-charge, Dr. Khanjhahe from Saibai More Hospital and Dr. Mathurkar from Government College, Akola were present on the occasion.

गजानन अभियांत्रिकी महाविद्यालयाचे वक्तृत्व स्पर्धेत यश

प्रतिस्पर्धी : शेगाव

गजानन अभियांत्रिकी महाविद्यालयाचे विद्यार्थ्यांनी वक्तृत्व स्पर्धेत यश मिळविले. यावेळी प्रा. किरीट ठाकरे, सई मोटे, डॉ. वि. मधुकर आदींच्या सहकार्याने रक्तदान शिबिराचे आयोजन केले.

TATTWADARSHI



प्रतिपच्चंद्रलेखेव वर्धिष्णुर्विश्वंदिता

मराठी विभाग

संपादकीय

“उडत्या पखरण परतीची तमा नसावी
नजरेत सदा नवी दिशा असावी
घरट्यांचे काय केव्हाही बांधता येईल
क्षितीजाच्याच्या हि पलीकडे
झेप घेण्याची जिद्द असावी “

या ओळी समाविष्ट करण्याचे प्रयोजन म्हणजे या वर्षीचा तत्वदर्शीचा अंक.

आपले क्रांतिकारक असो , व समाजसुधारक राजकरणी असो, व नेता खेळाडू असो व कलाकार ज्यांनी ज्यांनी यशाची शिखरे काबीज केली. त्या प्रत्येकाच्या श्वासाश्वासात आणि नसानसात जिद्द या भावनेचा संचार होता. या विचाराला, भावनेला व कृतीला म्हणा पंक्ती एवढे दुसरे कोण न्याय देऊ शकेल असते?

विविध कला-गुणांना महाविद्यालयीन जीवनात पैलू पाडले जातात. वार्षिकांक हा त्यातील एक भाग. विद्यार्थ्यांमध्ये असलेले गुण त्यांनी लिहिलेल्या कविता, कथा किंवा इतर लिखाण मधून दिसून येतात. वार्षिकांक म्हणजे विद्यार्थी विचारांचा आरसा. आजचा विद्यार्थी हा भविष्यातील या भारत देशाचा सुजाण नागरिक असणार आहे आणि त्या विद्यार्थ्यांवर या देशाचं भवितव्य अवलंबून आहे. म्हणून विद्यार्थी घडला पाहिजे. आमचं महाविद्यालय विद्यार्थ्यांमध्ये आध्यात्मिकता, सांस्कृतिकता याबरोबर तंत्रज्ञानावर हि भर देते. विद्यार्थी जीवनात मिळालेल्या संधीचा उपयोग करून प्रत्येकाने आपला कौशल्य विकास केला पाहिजे. महाविद्यालयातर्फे असे अनेक व्यासपीठ उपलब्ध करून दिले जातात.

हा अंक तुमच्या हातात ठेवताना आम्हला खूप आनंद होत आहे. मुळात तत्वदर्शी सारख्या भव्य व्यासपीठावर मला काम करण्याची संधी दिल्याबद्दल मी महाविद्यालयाची ऋणी आहे. सदस्यांच्या सहकार्यामुळेच मी हे कार्य पूर्णत्वास नेऊ शकली. तत्त्वादर्शीच्या या अंकाला माझ्या शुभेच्छा आणि तत्वदर्शी अशीच बहरत राहो हि ईश्वर चरणी सदिच्छा ...

आरती पवार
तृतीय वर्ष
(विद्युत अभियांत्रिकी)

अनुक्रमणिका

अनु क्र.	शीर्षक	लेखकाचे नाव
१.	आयुष्य	आरती पवार
२.	व्यथा	मयुरी सोनोने
३.	का कळत नाही	चैतन्य कळमकर
४.	प्रवास	चैताली काकपुरे
५.	मुलाखत	धीरज कडू
६.	शाळा	जाई मनोरकर
७.	स्त्री चे अबोल मन	सृष्टी वडस्कर
८.	अस कोणता गुन्हा केला	अनुराग देशमुख
९.	आरसा	अनामिका
१०.	इंडिअन चिल्ड्रन	रोहित वाघ
११.	प्रेमच नको	स्वाती बढे
१२.	संकल्प	मनाली बाहेकर
१३.	अनवाणी वाटेवरती	अजय ठाकूर
१४.	धर्मविरहित समजाची रचना खरी	सुरज शेळके
१५.	आयुष्य	अश्विनी भारसाकळे

१६.	वाट	साक्षी बोबडे
१७.	मन	मिथिला घावडे
१८.	आई	शुभांगी मडके
१९.	माझा बाप शेतकरी	अभिनय ठाकरे
२०.	आई	नेहा मौदेकर
२१.	मन	कोमल टापरे
२२.	ध्येय	शुभम देठे
२३.	माझ गाव	विश्वनाथ जवंजाळ
२४.	विशाल मातृभूमीचा रक्षक	रामेश्वर श्रीनाथ
२५.	तिची व्यथा	सारिका चिकटे
२६.	मन	संपदा खैरकर
२७.	काय मजा न त्या शांत रात्रीची	सुरज शेळके
२८.	आजचा विद्यार्थी खरच ज्ञान घेतोय का	आनंद खरात
२९.	जिप्सी	शुभम मुळतकर
३०.	अपेक्ष्यांच्या मायनगरीत.....	सागर गवळे
३१.	महिला दिवस !!!.....	पर्णिका दिलीप पाथोडे

आयुष्य

राहून गेले आयुष्य माझे मनासवे जगायचे ,
त्या पथा त्या फुलांसह मज गीत होते व्हायचे,
लाख आठवणीना काव्यरूपी तव ओठी होते फुलवायचे,
अदृश्य शब्द उमटले किनारी कोण त्यांना वाचायचे ,
एका गहर्या लाटेने लिहले सगळे एक दिवस मिटूनच होते जायचे..

आरती पवार

तृतीय वर्ष (विद्युत अभियांत्रिकी)

व्यथा

[उच्च शिक्षण घेऊन परदेशात स्तिरावल्या मुलांच्या आई बाबांची व्यथा , शब्दात मांडण्याचा हा छोट्टासा प्रयत्न]

जेव्हा तुझ्या अस्तित्वाची
चाहूल मला लागली ,
तेव्हा साऱ्या दुनियेला
पारखी मी जाहली ॥1॥
क्षणी क्षणी तुझ्यात मी
गुंतत चालले ,
समजे ना मला काही
काय मला जाहले .
जेव्हा तुझे मूर्त रूप
मांडीवरी आले ॥2॥
तेव्हा मला आकाश ठेंगणे जाहले ॥3॥
तुझ्या बाल्लीला मध्ये
हरवून मी गेले ,
माझे अस्तित्वाचा
मी विसरून गेले ॥4॥
तुझे पाऊल घर मध्ये
दडुदडु धावले ,
कळलेच नाही कधी
तू उंबरण्याला सोडले ॥5॥
आयष हे आमचे सारे
तरजोडीत गेले ,
हौस मौज हे सारे
आम्ही दूरच केले ॥6॥
आमच्या मेहनतीचे सारे
सार्थक जाहले ,
विदेशी धरतीवर
पाऊल तू ठेवले ॥7॥

बघतात बघता दिवस
कसे कापरा वाणी गेले,
एकदिवस काळजाच्या
ठोके आमच्या चुकले ॥8॥
जेव्हा कळले विदेशाच्या
जाळयात बाळ गुंतले ,
तेव्हा डोळ्या पच्छातापी
पाणी आमच्या साचले ॥9॥
नको नको पैसे तुझा
फक्त धावत तू ये रे ,
कुशी मध्ये माझ्या शिरून
पापे मला दे रे ॥10॥
तुझ्या मंडीवर प्राण
आमुचे जाऊदे ,
बाळा तुझ्या जन्माचे
सार्थक होऊ दे ॥11॥
एवढीच विनंती सरकार
मायबाप एका
भारतात मिळूदे भरपूर पैसा॥12॥
तेव्हा कुठे मुले आमचे
भारतात राहतील
शेवट पर्यंत मायबाप त्यांना
डोळे भरून पाहतील ॥13॥

-:मयुरी सदाशिव सोनोने

प्रथम वर्ष

परमाणु व दूरसंचार अभियांत्रिकी

का कळत नाही

का कळत नाही
वाऱ्याच्या झुळकेने
मन वाहून गेले केव्हा
प्रेम हे असेच असते
नकळत मला कळले तेव्हा

बोलता -बोलता शब्द सुचेना
आता मला माझेच कळेना
असे होते का प्रत्येकाला
याचेच उत्तर मला मिळेना

गंध तो झाडावरच्या फुलांचा
आता पानांमधून जाणवतो
नसतानाही कुणी भोवती
असल्याचा मला भास होतो

मंनो मणी हे गीत गुंजते
कसे सूर जुडून येतात
चालताना जणू वाट संपते
असे कसे हे भास होतात

हसताना गालावर माझ्या स्वप्न बघताना सदा
मीच मला का हरवते

स्वाती अ.बढे)परमाणु व दूरसंचार
अभियांत्रिकी,द्वितीय वर्ष(

जीवन हे असच असतं
एक एक पायरी वर चढायचं असतं
कधी ठेच लागते तर कधी पाय घसरतो
पण तिथे कधी थकायचं-थांबायचं नसतं
कोणी कधी धक्का देऊन पुढे जात असतं
शब्दांचा मारा करण्यापेक्षा समजावून सांगण
उपयुक्त असतं
माफी देऊन सर्वांना आनंदित करायचं असतं
प्रत्येक चुकीतून एक नवीन गोष्ट शिकायची असते
दुसर्यांनी अनुकरण करावं असं स्वतःला
बनावायचं असतं
कधी एकटे पडाल तर कधी चुकीचे ठराल
प्रत्येक गोष्ट सहन करायचं सामर्थ्य स्वतःत
ठेवायचं असतं
हसत-हसत नेहमी दुःख साजरं करायचं असतं
कधी निराश झाल तरी स्वतःहून बाहेर निघायचं
असतं
आणि आणखी एक पायरी वर चढायचं असतं...

-:चैतन्य पुंडलिक कळमकर.

चतुर्थ वर्ष,

परमाणु आणि दूरसंचार अभियांत्रिकी .

प्रवास

जीवनाच्या वाटेने चालतांना
नवे रस्ते मिळत जातात
जुन्या प्रश्नांची उत्तरे शोधतांना
नवे प्रश्न उलगडत जातात ॥

स्पर्धेच्या या मार्गावर
आपण मात्र एकट असतो
वाटेत भेटलेला प्रत्येक प्रवासी
नकळत आपल्याला साथ देत असतो ॥

न संपणारी हि वाट
नेहमीच पुढे जात राहते
पडलेल्या व्यक्तीला पुन्हा
उठून चालण्याची उमेद देते ॥

मनात आहे आशा
शोधू आता नव्या दिशा
न घाबरता न डगमगता
पूर्ण करू सर्व इच्छा आकांक्षा॥

-: चैताली म.काकपुरे
तृतीय वर्ष
यांत्रिकी अभियांत्रिकी

मुलाखत

प्रश्न १. नमस्कार काका ,मला तुमच्या बद्दल खूप काही ऐकायला मिळालं निश्चितच तुमची प्रसिद्धी ,तर तुमच्या प्रवासाची सुरुवात कशी झाली?

उत्तर: नमस्कार मी सुनील माळी, वय ४२ वर्ष .मी ' सुखसागर' या उपाहारगृहाची सुरुवात २००६ मध्ये केली .प्रवासाविषयी बोलायचं झालं तर आर्थिक व कौटुंबिक पाठबळ नसताना एकटं सगळं उभं करणं नक्कीच माझ्यासाठी संघर्षात्मक व आव्हानात्मक होते .

प्रश्न २. नेमका हाच व्यवसाय करावा आणि हा तुम्हाला जमेल हे तुम्ही कश्यावरून ठरवलं ?

उत्तर :मी सांगायचं विसरलो कि मी या क्षेत्रात अगदी १२ वि नंतर च उतरलो .सुरुवातीला मी फक्त काम करायचो.नंतर मी पार्टनरशिप मध्ये 'आशीर्वाद ' ढाबा सुरु केला .त्यामुळे या व्यवसायाबद्दल मला सखोल माहिती मला मिळत गेली.

प्रश्न ३. मग तुम्ही वेगळा होण्याचा निर्णय का घेतला ?तुम्ही पार्टनरशिप बद्दल काय सांगाल?

उत्तर: पार्टनर कितीही चांगला असला तरी व्यवसाय स्वतःच्या बळावर स्वतंत्रपणे निर्माण करणे महत्वाचे असते आणि म्हणून मी स्वतंत्र झालो.पार्टनरशिप चा माझा अनुभव अगदी छान होता आणि पार्टनर निवडताना अगदी सावध असायला हवं .

प्रश्न ४. व्यवसाय सुरु करताना कोणत्या आव्हानांना तुम्हाला समोर जावं लागलं आणि कोणत्या गोष्टींनी तुम्हाला पाठबळ दिलं?

उत्तर: माझ्या पूढे असलेला सगळ्यात मोठा प्रश्न .ते म्हणजे भांडवल उभे करण्यासाठी लागणार पैसा .घरची परिस्थिती अगदी बेताची असताना पैसा आणावा माझा हा प्रश्न बँकेद्वारे पुरवल्या जाणाऱ्या सोयीस्कर व उपयुक्त करंज योजनेद्वारे मी मिटवू शकलो आणि माझ्यावर २७ लाखांचं कर्ज झालं आणि संकटकाळात मला इथं विशेष नये घ्यावं वाटेल ते म्हणजे माझंट पत्नीचं ती सुख दुःखात माझ्यामागे ठाम उभी राहिली .

प्रश्न ५. सध्या व्यवसाय करताना कोणते प्रश्न उद्भवतात ?

उत्तर: सगळ्यात महत्वाचं म्हणजे कुशल कारागीर मिळत नाहीत.आणि या वर्षी सरकार कडून घेतल्या जाणाऱ्या आर्थिक निर्णयामुळे ग्राहकी मंदावली व त्याचा फटका व्यवसायाला बसला.

प्रश्न ६. हा व्यायसाय करताना तुम्ही कोणत्या गोष्टी प्रामुख्याने लक्षात घेतल्या?

उत्तर: कामगार ठेवताना त्यांना कोणते व्यसन तर नाही ना किव्हा त्यांच्याद्वारे ग्राहकांना दिली जाणारी वागणूक कशी आहे हे प्रामुख्याने मी लक्षात घेतो .तसेच ग्राहकाचे समाधान होईल हे मी प्रामुख्याने लक्षात घेतो .तसेच ग्राहकाचे समाधान होईल त्याला पुरेपूर सेवा मिळेल यासाठी मी कार्यरत असतो .

प्रश्न ७. ग्राहकांना खुश ठेवण्यासाठी तुम्ही काय करता?

उत्तर: सर्वप्रथम डाइजपूर्ण व स्वच्छ जेवण पुरवण्यासाठीच आम्ही मांसाहाराचा त्याग केला .आम्ही

शाकाहारामध्येच नवनवीन पदार्थ आणून ग्राहकाला आकर्षित करतो.जसे आम्ही वर्हाडी,पंजाबी जेवण पुरवतो.

प्रश्न ८. सध्या संपूर्ण देशात व्यवसाय निर्मितीच वॉर फिरत आहे .जो तो व्यावसायिक बनू इच्छित आहे, या नव्या तरुणांना तुम्ही काय सांगू इच्छिता?

उत्तर:व्यवसाय हा कुठेही न शिकवलं जाणारा विषय आहे.व्यवसाय करायचं तर आव्हान स्वीकारण्याची तयारी असली पाहिजे .तेव्हाच तुम्हाला अनुभव येईल व शिकाल आणि कोणताही व्यवसाय हा छोटा नाही कारण छोट्यातूनच माणूस घडतो.

प्रश्न ९.१२ वि शिकले असून सुद्धा तुम्ही एक यशस्वी व्यावसायिक आहे.तर शिक्षण व्यवसायासाठी महत्वाचं आहे का?

उत्तर: मी शिकलो नाही तरी मी यशस्वी झालो हे खर पण शिक्षण मात्र महत्वाचं आहे .कारण शिक्षणाचा आपल्या कार्यपद्धतीवर व जीवनशैलीवर एक विशेष प्रभाव होतो.

प्रश्न १०.शेवटचा प्रश्न .आज तुमची जीवनशैली कशी आहे आणि या यशाचे श्रेय तुंही कुणाला द्याल?

उत्तर: आज मी एक स्थिर व समाधानी जीवन जगात आहे.एक सुखी कडे असावं ते समाध्या माझ्या कडे आज आहे आणि श्रेय द्याच तर मी समाज देईल कारण समाजकाडून मला विशेष योगदान मिळालं .समाजाचा प्रत्येक घटक मला सकारात्मक मंदत्वकार्ट होता मग ते माझे मित्र असो कि ग्राहक.

धन्यवाद...

: -धिरज गणेशराव कडू
द्वितीय वर्ष
परमाणू व दूरसंचार अभियांत्रिकी.

शाळा

माझी शाळा अशीच होती ,
थोडी तिखट तर थोडी गोड होती
पहिल्या वर्षी थोडी वेगळीच भासली
हळू हळू माझी न तिची गट्टी झाली
तेथे भाडण्याचा प्रश्नाचा नवहता ,
तिचा आणि माझा रंगच वेगळा होता
पूर्वी ती मला अभ्यासाठी रडवायची ,
आज ती मला आठवणी साठी रडवतेय
घरी जाताना गाडीतून आजही मला ती दिसते ,
वाटतं एकटीच आहे ,मला माझी वाट पाहताना भासते

वाटत तिला जोरात आवाज द्यावा ,
तेथे जाऊन तिचा मैत्रीचा अनुभव पुन्ना पुन्ना घ्यावा

: -जाई मधुसूदन मनोरकर
द्वितीय वर्ष
माहिती तंत्रज्ञान.

स्त्रीचे अबोल मन

कधी बदलेल हे जग ?

केव्हातरी माझ्या मनाचे होईल का मग...?

का जगावे मी, दुसऱ्यांचे नेहमी मन जपत ?

आणि का हि रीत झली आहे प्रत्येक स्त्री सोबत ?

मला बोलतांना नाही येत का हो तुम्हाला विचार ?

का म्हणून मी सहन करावे तुमचे अत्याचार ?

एवढेच नव्हे तर, माझे घर सोडून येते हो मी तुमच्या घरात...

करा हो कधी तरी माझ्या मनाचा विचार .

का बोलता हो माझ्या माहेरच्या माणसांना उलट ?

तुमच्या घरी पाठवतात न हो हिरे मानकाचे ते रत्न फुकट!

कधी तरी बघा माझ्या मनातला समुद्र

किती गोष्टी केल्या मी तुमच्या साठी दिन –रात्र ?

जशी तुमची लेक आहे, तशी मीही कोणाची तरी लेक आहे.

फक्त आदर करा हो दुसऱ्यांच्या लेकीचे अनेक अनेक ...

कधी बदलेल हे जग ?

कधी बदलेल हे जग?

-: सृष्टी शैलेश वडस्कर

द्वितीय वर्ष

संगणक विज्ञान अभियांत्रिकी.

असं कोणता गुन्हा केला?

सीमेवर दिवसरात्र आपल्या रक्षणासाठी
तो लढत आहे,
पण धूर्तपणा इतका कि,
त्याच्या सोबतच राजकारण घडत आहे...

त्याच शरीर वाळवंटात पर्वतावर
आपल्यासाठी झिजतय
इथे मात्र कारस्थान
त्याच्याचं साठी शिजतंय....

तो तिथे लढतोय ,
तो शत्रूंना मारतोय
काहींसाठी मात्र तो
नुसताच सीमेवर सडतोय....

घरदार सोडून तो
सीमेवर गेला
विचार करायला हवा त्याने
असा कोणता गुन्हा केला....
असा कोणता गुन्हा केला...

-:अनुराग देशमुख
प्रथम वर्ष

आरसा

कधीपासून स्वतः ला एक गोष्ट सांगायची आहे .हल्ली रोज स्वतः कडेच बघतेयहो.....स्वतःकडेच !
 पण चेहऱ्यावर दिसणारे भाव , ते मात्र माझे नक्कीच नाहीत....तशी मी भेटते स्वतःला अधून मधूनबोलते
 हि स्वतःशी गरजेपुरतीपण ते सगळंच औपचारिक तेवढ्यापुरते.
 मग माझं मन ???
 खूप काही सांगू पाहणारं, कित्येक वर्षांची ओळख सांगणार न बोललेल्या कित्येक अव्यक्त गोष्टी.हृदयाच्या
 कप्प्यातून अलगद बाहेर पाहणार.
 हे मन कोणाच ???
 ह्याला स्वप्न म्हणू....?गाढ झोपेत पडणार एक अनाभिक स्वप्न....कि भास म्हणूअवचित होणारा??
 ह्या प्रश्नांची उत्तरं कशी शोधू?
 माझ्या चेहऱ्यावरचे भाव या प्रश्नांच्या खूप पलीकडे आहेत ...आणि भावनांचा स्पर्शहि त्याला नाही....
 पण, मन मात्र अनोळखी अविश्वासाने पाहतेय माझ्याकडे ...हृदयाच्या बिलोरी आरश्यातूनखूप आठवणींना
 उजाळा देणारं....स्वतःला स्वताची ओळख सांगणारमाझ्यातल्या स्त्रीत्वाची जाणीव करून देणारं
 होस्त्रीत्वाची!!माझ्यातल्या मला आनंदाच अंकगणित सांगणारतशी मी हि चारचौघीसारखी चं पण
 “वेगळी”.
 समाजाच्या चौकटीतून वर येऊ पाहणारीमाझ असं स्वतःच अस्तित्व शोधणारी

तुम्ही मला बर्याच वेळा शांत बसायला सांगता..माझं मन मांडलं कि ते तुमच्या लेखी हटवादी आणि अगदीच
 नगण्य होते .पण पोटातून जी आग येतेय, ती फक्त तुम्हाला नको म्हणून विडहून कशी जाईल? फक्त मी एक
 स्त्री आहे., म्हणून जिभेवर साखर कशी पेरता येईल? मी अशीली नाहीये आणि म्हणूनच स्वतःला “वेगळी”
 म्हणतेय....

मग माझ्यातलं वेगळेपण तुम्हाला खुपणार म्हणून त्यावर हास्याची झापड घालून चालण्याची सवय
 लागतेय....पण माझ मन मला नाकारतेय...पुन्हा पुन्हा गोंधळात टाकतय !चेहऱ्यावरच हल्ली रोजचं झालेल
 हसू शोधाव तर मनाला मत मिळते

का वागतेय मन असं? काय म्हणण असेल त्याच?कि मनाच्या आरशात बघनच बंद करावं मी ???....

द लव ट्रस्ट फॉर इंडियन चिल्ड्रेन इन नीड

प्र.१(नमस्कार,मला आपल्या अनाथालयाची सुरुवात कधी आणि कशी झाली ?

उ(नमस्कार,मी सौ.आगाशे .इंग्लंडमधून श्री व सौ लव हे भारतात आले असताना तत्कालीन अनाथ मुलांची परिस्थिति पाहून त्यांच्या मनात एक अनाथालय सुरु करण्याची संकल्पना आली. त्यांची ही संकल्पना त्यांनी श्री व सौ आगाशे यांना सांगितली आणि लगेच लगेचच हे अनाथालय १९९८ मध्ये उभे राहिले.

प्र.२(तुमचे हे अनाथालय कोणत्या तत्त्वानुसार कार्यरत आहे आणि इथे आजपर्यंत किती शिशुंचे पालनपोषण झाले आहे ?

उ("Every child born has a right to live and also to be cared for in a family" या तत्त्वानुसार आम्ही त्यांना परिवाराप्रमाणे वागणूक देतो तसेच त्यांना एक हक्काचं घर मिलाव म्हणून लोकांना दत्तक घेण्यासाठी प्रोत्साहित करत असतो.आजपर्यंत ६०० च्या वर शिशुंचे पालनपोषण इथे केले गेले आहे.फक्त भारतातच नव्हे तर भारताबाहेर देखील येथून शिशु दत्तक घेण्यात येतात.

प्र.३(कोणत्या वयोगटातील शिशुंचा समावेश या अनाथालयात असतो ?

उ(वय वर्ष ० ते ६ याच वयोगटातील शिशुंचा सांभाळ इथे केल्या जातो.

प्र.४(दत्तक देतांना मुला-मुलींमध्ये कोणाला पालकांकडून जास्त प्राथमिकता मिळते ?

उ(दत्तक घेतांना लोक जास्त करून मुलींना प्राथमिकता देतात .

प्र.५(शिशूंच्या जेवणाची व आरोग्याची काळजी तुम्ही कशी घेतात ?

उ(आम्ही त्यांना डॉक्टरांच्या मार्गदर्शनाखाली अगदी पोषक आहार त्यांचा वयोगट लक्षात ठेवून देतो.तसेच त्यांची खाजगी दवाखान्यात नियमित वैद्यकीय तपासणी आणि सरकारी दवाखान्यात लसीकरण करण्यात येते.

प्र.६(सद्यस्थितीत इथे किती कर्मचारी कार्यरत आहेत ?

उ(१ परिचारिका,१ पर्यवेक्षक,३ आया नियोजित वेळांमध्ये व इतर कर्मचारी असे एकूण १९ कर्मचारी इथे कार्यरत असतात.येथील कर्मचारी हे पगारी नसून समाजसेवा म्हणून इथे काम करतात तरी त्यांना प्रती महिना ठराविक मानधन देण्यात येते.

प्र.७(सद्यस्थितीत या अनाथालयात किती मुल-मुली आहेत ?

उ(सद्या इथे ३ मुले व ३ मुली आहेत.

प्र.८(दत्तक घेतल्यावर तुम्ही ते मुल जबाबदार हातातच जाते याचा पाठपुरावा कसा करतात ?

उ(दत्तक घेतांना संबंधीत पालकांना बाळाची संपूर्ण वैद्यकीय माहिती देण्यात येते.तसेच दत्तक दिल्यावरत्या कुटुंबासोबत आम्ही २ वर्षांपर्यंत संपर्कात राहतो.

प्र.९(दत्तक घेणे आ देणे हि प्रक्रिया तुमच्या संस्थेच्या अधिकारात येते कि अन्य दुसऱ्या एखाद्या सेवाभावी संस्थेचा यात हस्तक्षेप आहे.

उ(महिला व बालकल्याण विभाग, भारत सरकार यांच्या द्वारे चालवल्या जाणारी एक संस्था CARA (Central Adoption Resource Authority) यांच्या माध्यमातून दत्तक घेण्याची प्रक्रिया पूर्ण करण्यात येते.संपूर्ण दत्तक घेण्याची प्रक्रिया ही आता ऑनलाइन जाली आहे .वाळाना दत्तक घेण्यासाठी व www.cara.nic.in ही वेबसाइट आहे.

-:रोहीत प्रवीण वाघ.

द्वितीय वर्ष,

परमाणु आणि दूरसंचार अभियांत्रिकी .

प्रेमाचं नको

खिन्न होऊन जाते मन
कारण मात्र काळातच नाही
म्हणूनच ठरवलं आता मनाशी
पुन्हा प्रेमाचं करायचा नाही
झुलताना स्वप्नांच्या तारेवर
हरवायचा मला विश्वास नाही
म्हणूनच ठरावाला आता मनाशी
पुन्हा प्रेमाचं करायचा नाही
कळत असूनही दुर्लक्ष कस
मनाला समजूत घालायची नाही
म्हणूनच ठरावाला आता मनाशी
पुन्हा प्रेमाचं करायचा नाही
भावनेतून निघणाऱ्या त्या अश्रूंना

माती मोल ठरावाचा नाही
म्हणूनच ठरवलं आता मनाशी
पुन्हा प्रेमाचं करायचा नाही
मुक्त हवे आयुष्य मला
साथीला कुणी जोडायचे नाही
म्हणूनच ठरवलं आता मनाशी
पुन्हा प्रेमाचं करायचा नाही
कळतंय सगळं आज मला
पुन्हा वळून पाहायचा नाही
म्हणूनच ठरवलं आता मनाशी
पुन्हा प्रेमाचं करायचा नाही

-:स्वाती अ.बडे

द्वितीय वर्ष

परमाणु व दूरसंचार अभियांत्रिकी.

संकल्प

माणसांना माणसांशी माणुसकीच्या नात्याने जोडणे म्हणजे संकल्प .शिक्षण व शैक्षणिक जीवनाच्या वर जाऊन लोकांना समाजाबद्दल असलेल्या त्यांच्या जबाबदारीची जाणीव करून देण्याचे काम संकल्प ग्रुप करतो .हा ग्रुप त्यांच्या द्वारे केल्या जाणाऱ्या सामाजिक कार्यासाठी ओळखला जातो.

याच ग्रुप च्या मुलींनी एकत्र येऊन संकल्प ग्रंथालयाची स्थापना केली .या ग्रंथालयात 200च्या वर विविध प्रकारातील पुस्तके विद्यार्थ्यांच्या वाचनासाठी उपलब्ध आहेत.त्यांच्या व्यक्तीमत्त्वच्या विकासासाठी आणि त्यांचे ज्ञान वाढवण्यासाठी याचा नक्कीच खूप मोठा वापर होतो.

या ग्रुप ची दर मंगळवारी बैठक होते या मध्ये वेगवेगळ्या कार्यांचे नियोजन केले जाते तसेच एकत्रित आलेल्या मुलींमध्ये चर्चा होते आणि त्यातून घडून आलेल्या संवादातून खूप काही घेण्यासारखं असत .आणि त्यातून दुसऱ्यांनी केलेल्या चुकांमधून खूप काही शिकायला सुधा मिळते.

समाजात अजून पण अशी मुले आहेत जी गरिबीमुळे शिक्षणापासून वंचित आहे तर त्यांना मदत करण्यासाठी हा ग्रुप सगळ्या वसतिगृहातील रद्दी गोळा करून ती विकून त्यातून मिळालेल्या पैश्यातून त्यांना शैक्षणिक वस्तू पुरवतो .आणि या कामातून मिळालेल्या आनंदाची व समधानाची प्रचीती ऐकून बाकी लोकं पण अशे कार्य करण्यासाठी प्रोत्साहित होतात.

यावर्षी आम्ही रक्षा बंधन आम्ही मतीमंद विद्यालयात साजरं करण्याच ठरवलं होत आणि ठरल्याप्रमाणे आम्ही आनंदविहार स्थित मतीमंद विद्यालयात हा कार्यक्रम साजरा करण्यासाठी आम्ही जाऊन पोहचलो .आणि तेथील मुलांना आम्ही राखी बांधली आणि त्यांना चॉकलेट चं वाटप केल .आमच्या भेटीमुळे ते मुल अगदी आनंदुन गेले होते.आपल्यात काही तरी कमी आहे हे माहित असून सुद्धा त्याचा न्युनगंड न बाळगता ते छोट्या छोट्या गोष्टीत आनंद बघतात.मग आपल्या कडे इतक शारीरिक ऐश्वर्य असून सुद्धा आपण आनंदी का राहू नये?

तसेच मागास भागात जाऊन तेथील मुलांना प्राथमिक शिक्षण देऊन त्यांच्यात शिक्षणाची आवड निराम करण्याचे काम संकल्प ग्रुप करतो.

आपल्या कडे असलेला आनंद वाटायला शिका!!

या संकल्पनेवर आज पण संकल्प ग्रुप चे काम प्रगती पथावर आहे .आणि समाजच्या कल्याणासाठी विकासासाठी कार्यरत आहे.

-:मनाली बहेकर

“अनवाणी वाटेवरती...”

अनवाणी वाटेवर निघालोय
 वादळातून वाट शोधत
 मुखवटे घातलेल्या लोकांपासून
 बेभान पळत सुटत...
 मागे काय सुटत आहे
 मी ते पाहत नाही
 काहीतरी मिळवण्याची
 आस काही सुटत नाही...

प्रयत्न माझे मजकडून
 नाही कधी थांबणार
 वाढत जाणाऱ्या आभाळापुढे
 पंखांचा विश्वास नाही डगमगणार...
 लक्ष माझे मला
 चुकवायचे नाही
 आसमंताला स्पर्शण्यासाठी
 जमीन मला सोडायची नाही...

: -अजय ठाकूर

द्वितीय वर्ष

परमाणु व दूरसंचार अभियांत्रिकी

“धर्मविरहित समाजाची रचना खरी”

मी हिंदू मी ख्रिश्चन मी बौद्ध मी मुस्लीम
 अरे आहो आहे काय हे हो
 याला आपण धर्म, मजहब, रिलीजन म्हणतो ना हो
 पण यात असते कोण हो
 अरे यात असतो मानुस नावाचा प्राणी
 पण का वागतो तो बुद्धी नसल्यावाणी
 का करतो तो आपले विघटन धर्मावरी
 ना होते का धर्मविरहित समाजाची रचना खरी

झाले असते तर काय गरज शस्त्रास्त्रांवरी
 नसत्या ईसीस सारख्या संघटन भारी
 गरज काय आतंकवादी कार्यान्वरी
 का मारेल ओ आपला सैनिक सिमेवरी
 ना राहणार दहशतवाद, नक्षलवाद कोठेच
 दिसणार नाही आतंकवाद
 एक धर्म एक मानवजात
 माणुसकीच्या मदतीने कुविचारांवर मात!

: -सुरज विवेक शेळके

द्वितीय वर्ष

यांत्रिकी अभियांत्रिकी

आयुष्य...

आयुष्य हे असच असत...
 हसत खेळत जगायचं असत
 आज सुखाचा आनंद आणि
 उद्या दुःखाला समोर जायचं असत
 क्षणीक हिरवेगार रान तर
 क्षणीक वाळवंट झालेलं असत
 दिवस संपला कि रात्र अन
 रात्र संपली की दिवस अस
 हे चक्र असाच चालूच असत...
 कधी मनासारखं तर .
 कधी मनाविरुद्ध घडत असत
 यशाचा उत्सव तर सगळेच करतात
 पण आलेल अपयशही पचवायच असत
 अशा या चढउताराच्या वाटचालीत काहीतरी
 खास करून

जगावेगळ बनायचं असत आणि कोणी न गाठलेल
 शिखर

गाठायचं असत....

आयुष्य हे असच असत.....

कधी स्वतः साठी तर कधी

दुसऱ्यासाठी जगायचं असत

जगता जगता एक दिवस

सगळ सोडून जायचं असत

माहिती असून सुद्धा

मन समाधानी झालेलं नसत

या सगळ्या च्या ओढतानीत जगण

आपण कुठेतरी राहून गेलेलं असत

आयुष्य हे असच असत.....

:-अश्विनी मोहन भारसाखळे.

तृतीय वर्ष

विद्युत अभियांत्रिकी

वाट...

हि वाट असावी दूर
का जात असावी दूर
तो काळोखातला धूर
त्यात तो चांदण्यांचा नूर
जशी हिरवळतेची तूर
कि तो पाखरांचा भूर
जसा पावसाळ्यातला पूर
का असावा दूर दूर
तो कोकिळेचा सूर
जशी गाणी मधुर
त्यात तो प्रकाश अधूर
हि वाट आडवी दूर
जसा तो मेघनांचा घेर
तशी पिके उगवती फेर
तो पिकलेल्या आंब्यांचा चूर
हि वाट आडवी दूर...

:-साक्षी विजय बोबडे

द्वितीय वर्ष

(माहिती आणि तंत्रज्ञान अभियांत्रिकी)

मन...

मनानेच मनाशी जवळीक साधावी

मनानेच मनाची कास धरावी

मनानेच मनाचा 'मी' पण टाळावा

मनानेच मनाचा स्वार्थ त्यागावा

मान्नेच मनाशी झुंज द्यावी

मनानेच मने प्रेमळ करावी

मनानेच मनाचे महात्म्य जाणावे

मनानेच मनाला थोर मानावे

मनानेच मनाचे दुःख हरावे

मनानेच मनाला सुखी करावे

:-मिथीला सुनीलराव घावडे

तृतीय वर्ष

(परमाणु व दूरसंचार अभियांत्रिकी)

“ मन ”

खुले आकाश पाहून मन उदयाला बघत ,
 पण तारांचे नक्षीकाम बघून पुन्हा कोंडल्यागत वाटत...
 कितीदा पाखरांच्या किलबिलाटाने हवेत भरारी घेत,
 पण वाहनांच्या कोलाहलाने पुन्हा मनावर येत...
 शेवटी मन म्हणजे मन असत मन म्हणजे मन असत...
 कधी कधी पानांच्या सळसळाटाने मन मोहून जात,
 पण विमानाच्या आवाजाने पुन्हा गांगरून जात...
 एखाद्या हवेच्या झुळूकीने चिंब भिजल्यागत वाटत,
 पण विचाराच्या थैमानाने पुन्हा सैरभैर होऊ लागत...
 शेवटी मन म्हणजे मन असत ,मन म्हणजे मन असत...

:संपदा संजय खैरकर.

द्वितीय वर्ष

(परमाणु व दूरसंचार अभियांत्रिकी)

म्हणून नाही विचारलं मी तुला

तू आवडतो पण तरीही नाही विचारलं मी तुला...

deleteकरेल friend list मधून मला,

म्हणून नाही विचारलं तुला...

बोलणार नाही तू माझ्याशी, म्हणून नाही विचारलं तुला...

चुकीच्या नजरेने पाहशील तू मला

म्हणून नाही विचारलं मी तुला...

एक गैरसमज होईल माझ्याबद्दल

म्हणून नाही विचारलं मी तुला...
 समोर कशी येणार मी तुझ्या
 म्हणून नाही विचारलं मी तुला...
 तुला भेटून सुधा नही भेटणार
 म्हणून नाही विचारलं मी तुला...
 कस सांगू मी कुणाला कि तू आवडतो मला
 कस सांगू मी तुला कि खूप आवडतो तू मला
 भीती वाटते त्या एका नाहीची
 म्हणून नाही विचारलं मी तुला...
 अजून किती प्रेम दिवस निघून जातील
 पण नाही विचारणार मी तुला...
 फक्त राहू दे मला या गैरसमजात कि
 “आवडतो तू मला”

:नेहा मौदेकर
 द्वितीय वर्ष
 (माहिती आणि तंत्रज्ञान अभियांत्रिकी)

आयुष्य...

आयुष्य हे असच असत...
 हसत खेळत जगायचं असत
 आज सुखाचा आनंद आणि
 उद्या दुःखाला समोर जायचं असत
 क्षणीक हिरवेगार रान तर
 क्षणीक वाळवंट झालेलं असत
 दिवस संपला कि रात्र अन
 रात्र संपली की दिवस अस

हे चक्र असाच चालूच असत...
 कधी मनासारखं तर .
 कधी मनाविरुद्ध घडत असत
 यशाचा उत्सव तर सगळेच करतात
 पण आलेल अपयशही पचवायच असत
 अशा या चढउताराच्या वाटचालीत काहीतरी
 खास करून
 जगावेगळ बनायचं असत आणि कोणी न गाठलेल
 शिखर

गाठायचं असत....

आयुष्य हे असच असत.....

कधी स्वतः साठी तर कधी

दुसऱ्यासाठी जगायचं असत

जगता जगता एक दिवस

सगळ सोडून जायचं असत

माहिती असून सुद्धा

मन समाधानी झालेलं नसत

या सगळ्या च्या ओढतानीत जगण

आपण कुठेतरी राहून गेलेलं असत

आयुष्य हे असच असत.....

:-अश्विनी मोहन भारसाखळे.

तृतीय वर्ष

विद्युत अभियांत्रिकी

वाट...

हि वाट असावी दूर

का जात असावी दूर

तो काळोखातला धूर

त्यात तो चांदण्यांचा नूर

जशी हिरवळतेची तूर

कि तो पाखरांचा भूर

जसा पावसाळ्यातला पूर

का असावा दूर दूर

तो कोकिळेचा सूर

जशी गाणी मधुर

त्यात तो प्रकाश अधूर

हि वाट आडवी दूर

जसा तो मेघनांचा घेर

तशी पिके उगवती फेर

तो पिकलेल्या आंब्यांचा चूर

हि वाट आडवी दूर...

:-साक्षी विजय बोबडे

द्वितीय वर्ष

माहिती आणि तंत्रज्ञान अभियांत्रिकी

मन...

मनानेच मनाशी जवळीक साधावी

मनानेच मनाची कास धरावी

मनानेच मनाचा 'मी' पण टाळावा

मनानेच मनाचा स्वार्थ त्यागावा

मान्नेच मनाशी झुंज द्यावी

मनानेच मने प्रेमळ करावी

मनानेच मनाचे महात्म्य जाणावे

मनानेच मनाला थोर मानावे

मनानेच मनाचे दुःख हरावे

मनानेच मनाला सुखी करावे

:-मिथीला सुनीलराव घावडे

तृतीय वर्ष

परमाणु व दूरसंचार अभियांत्रिकी

आई.....

आयुष्याचा संग्रह ,आयुष्याची गाथा म्हणजे आई ,आयुष्याचीतहान ,भूक ,वेधम्हणजेआई ...आई बदल कवी काही ओळी सुंदर रचनात्मक पद्धतीने लिहतात जसे "स्वामी तिन्ही जगाचा आई विना भिकारी " यामधील प्रत्येक शब्दाची चाळणी करून पाहता, मनुष्य आयुष्यात कितीही श्रीमंत आणि श्रेष्ठ झाला तरी तो आपल्या आई वडिलांविना अपूर्ण असतो .प्रत्येक मनुष्याचे अस्तित्व आणि सर्वस्व आई-वडील असतात .आई आपल्या जीवनाची गुरुकिल्ली आणि अनमोल दागिना आहे जिच्या शिवाय आपल्या अस्तित्वाला काहीच अर्थनाही. माझ्या जीवनातील प्रत्येक संकटाला, दुःखाला दूरकरण्याचापर्याय, आधार म्हणजे माझी आई ...

आयुष्यातीलप्रत्येकसंकटदूरकरणारीअडचणींमध्येपर्यायशोधणारी ,प्रेमळ आणि माझी जिवलग मैत्रीण म्हणजे माझी आई.....माझ्या आयुष्यातील काही सुख दुःखाचे क्षण व आयुष्यातील जडणघडण प्रत्येक संकटास लावलेला मदतीचा हातभार व माझ्यावर असलेला विश्वास आणि सदैव माझ्यासोबत उभी असते. जेव्हा आपण दुखत असतो अशा वेळी आपला स्वतःवर विश्वास राहत नाही असा प्रसंग माझ्यासोबत नेहमी होतो .परंतु अशा वेळी मला त्यातून सावरण्याची शक्ती माझ्या आईकडून मिळते. माझा माझ्यापेक्षा माझ्या आईवर विश्वास जास्त आहे आणि यामुळेच मला माझी ओळख पटते आणि प्रत्येक संकटाला सामोरे जाण्याची ताकद आणि जिद्द मिळते.

ज्याप्रमाणे निसर्गात ऋतुचक्र असते ऊन-सावली आहे. त्याचप्रमाणे मनुष्याच्या आयुष्यामध्ये सुख आणि दुःख हे ऊन-सावलीप्रमाणे असतात. ज्यावेळी आपण दुःखामध्ये असतो आयुष्यात उन्हाचा खडतर अनुभव घेत असतो तेव्हा हीच आईसावलीचा आधारदेत पाठीमागे खंबीरउभी असते आणि याचशक्तीमुळे मी सहज प्रत्येक दुःख पार करते .जेव्हा आपण रस्त्याने चालतो, त्या पायवाटेच्या असणाऱ्या दगडांमुळे ज्या ठोकर लागतात आणि आपण स्वतःला सावरू शकत नाही तेव्हा हीच ती माउली असते जी मला सावरते. त्यामुळेच कदाचित ती माझा आदर्श आहे आणि मला तिच्याकडून मिळालेल्या संस्कारान चीज मापुंजी आहे .लहानपणाचा एक प्रसंग जो प्रत्येकाने अनुभवलेला असेल जसे कि आपण लहान असताना जेव्हा आपल्याला चालत येत नाही तेव्हा आपण अनेकदा चालताना उभे राहण्याचा प्रयत्न करतो आणि पडत असतो त्यावेळी हीच माउली आपल्याला सर्व काही शिकवते आणि आपल्या आयुष्यात चालण्यापासून तर आयुष्याचा प्रवास करत असताना आईच सोबत असते.

मी जेव्हा अर्धवट परिस्थितीमध्ये असते आणि निर्णय घेऊ शकत नाही तेव्हा मला मिळणारा आधार , विश्वास खेचत असलेल्या मनाला भरारी घेण्याची हिम्मत मला माझ्या आईकडूनच मिळते आयुष्यातील असंख्य वळणांवर अचूक रस्ता दाखवण्याचे कार्य, माझ्या लहान मोठ्या निर्णयांमध्ये तिची प्रेरणादायी बाजू वेळोवेळी दाखवणारी ती आईच असते.....आई या शब्दाचा विस्तार आभाळालाही ठेंगणं करेल एवढा आहे त्यामुळे मला आई या शब्दाबद्दल असणारी भावना या रचनात्मक ओळींद्वारे प्रकट करते.

जसा फळांमध्ये आंबाफुलांमध्ये गुलाब ,आणि मानवामध्ये आई म्हणजेच स्त्रीश्रेष्ठ

आईबद्दल मत मांडताना एवढाच सांगेल कि कितीही श्रीमंत व्हा पण आईला विसरून नका कारण तिच्या उपकारांची परतफेड या जन्मात तरी शक्य नाही देवाने बनवलेली हि एकमेव व्यक्ती जी सर्व गोष्टी, तहान भूक, बाजूला सारून जी आपल्या लेकरांचं विचार करते ती माय माऊली ...या माउली साठी काहीही केले तरी कमीच.....

--शुभांगी मडके

तृतीय वर्ष

विद्युत अभियांत्रिकी

माझा बाप शेतकरी

माझा बाप शेतकरी
 काम कष्टाचे करी ,
 मग आमच्या पोटात मिळे भाकरी,
 बापासाठी काहीतरी करावं ,
 असा विचार येतो मणी
 पण काय करता बाप म्हणे ,
 "शिका मोठे व्हा आणि
 मग द्या मला भाकरी...
 बाप माझा शेतकरी
 बाप म्हणे पाऊस येईल सरा-सरा
 पीक होईल भरा-भरा
 पण काय करता पाऊसाने दिला दगा
 जीव झाला वेडा-पिसा....

माझा बाप शेतकरी शेतात राबतो रती रती
 पण देवाला मंजूर नाही
 त्याच्या कष्टाची भाकरी
 बाप माझा शेतकरी ...
 निसर्ग राजा असा कोपला जगावरी
 जशी शेतकऱ्याचा गळ्यात लटकली सूरी
 शेतकऱ्याला जहर खायला पैसे नाही
 तरी, पण शेतकऱ्याचे दुःख कमी का होत नाही
 काय झाले? आहे माझा बाप शेतकरी
 पण आहे तो या जगाचा कैवारी
 म्हणूनच मी गर्वाने म्हणतो
 माझा बाप शेतकरी.....

-:अभिनय विनायक ठाकरे

प्रथम वर्ष

विद्युत अभियांत्रिकी

आई

"मातृदेव भव

पितृदेव भव

गुरुदेव भव "

ह्या ओली तर आपण सगळे लहान पण पासूनच ऐकत आलेलं आहोत.

खरतर आई हि आपल्या जीवनातील पहिली गुरु ह्या ओळीतही तेच स्पष्ट केलेलं आहे. आई हि खरंच खूप महान असते .ती तिच्या मुलांवर खूप प्रेम करते , त्याला सुंदर आणि विशाल जग दाखवते , त्याला जगायला शिकवते.आणि आलेल्या संकटांवर कसंमत करायचं तेही सांगते .ती आपलं सगळं दुःख विसरून मुलाला आनंदी आणि खुश ठेवते .ती मुलाने केलेल्या प्रत्येक हट्ट पूर्ण करते

अशी हि आई स्वतः समोर दुःखाचं डोंगर उभं राहून सुद्धा मुलं समोर सुखाचं सुंदर रान उभं करते .

ऐका कवितेतल्या ओली ,

"स्वामी तिनी जगाचा,

आई विना भिकारी "

आणि खरंच तिन्ही लोकांचा स्वामी हा आई विना भिकारीच आहे आपल्या कडे कितीही पैसा असला तरी त्याची किंमत आई समोर शून्यच असते

तुला माहित आहे आई, मी तुझ्या शिवाय राहूच शकत नाही .तु माझ्या लहानपणी प्रत्येक हट्टाला पुरवलंस.पैसे नसतांनाही तु मला काहीच कमी केलं नाही

एक आदर्श पत्नी म्हणून तु बाबांना सांभाळलं आणि आम्हाला सुद्धा,खरंच मला तुझ्या फार अभिमान वाटतो गं.

आई हे सुखाचे दिवस आज फक्त आणि फक्त तुझ्यामुळेच आहे आई तुझं हृदयखूप कठोर आहे आणि प्रेमळ सुद्धा .मला आठवते लहानपणापासून मी तुझ्याशी भांडायची, तु खूप रागवायची तर खूप राग यायचा .तु नेहमी म्हणायची नं कि , तु माझ्यापासून दूर जायलाच पाहिजे तेव्हाच तुला कळलं

म्हणतात नं , कि आई चे शब्द कधी वाया जात नसतात , घडलं मुले आपल्यात प्रेम हे चाललेलं आहे

तु नसलीस ना सोबत तर तुझी सारखी आठवण येते, तु थोडीशी नाही दिसली कि, मला कर्मतच नाही, तुला फोन करणं किंवा शेजारी जाऊन बघत असला शोध सुरु होतो .

आई तु सोबत असली ना, कि मला खूप खुश राहते , आणि आनंदीही , अरे तु सोबत असली कि मला कशाचाही कमीपणा जाणवत नाही कारण तु माझी हिंमत आणि भरोसा आहे.

आई मी तुला माझ्या प्रत्येक गोष्टी सांगत असते

आई मला हे आवडत , ते आवडत नाही , आज मला कुणीतरी भेटलं ,आई मला चांगले गन मिळाले .

माझ्या पेपर बदल , माझ्या कॉलेज बदल , माझ्या मित्र -मैत्रीणीबद्दल ...

आई तु फक्त आईच नाहीतर माझी प्रिय मैत्रीण आणि बहीण सुद्धा आहे

तुला माहित आहे , मी जेव्हा शेगाव मध्ये असते , रात्री झोपल्यानंतर सकाळी उठण्यासाठी माझे कां ऐका आवाजासाठी आतुरलेले असतात , ते म्हणजे तुझ्या तुझुआ जोरात हाक मारण्याचा आवाज पण शेवटी अलार्म च्या आवाजाने उठाव लागतं.

तुझ्या हाताच्या सध्या जेवणाची आठवण येते, जेव्हा -जेव्हा मला भूक लागते .

आई मला हे करून दे, आई मला ते करून दे , आई मला हे पाहिजे हे हट्ट पुरवण्यासाठी तू तिथे नसते , हे जेव्हा कळलं तेव्हा डोळ्यातून पाणी येतं गं

हे तर वेगळंच निदान आई म्हणून हाक मारण्यासाठी सुद्धा तू तिथे नसते ...हे जेव्हा कळतंतर डोळ्यातून भर-भर अश्रू गळतात गं .या ओल्याचिंब इवल्याश्या पापण्यांना पुसायला सुद्धा तू नसते

आई तुझं ते शारदेचंरूप आणि महालक्ष्मीचं प्रेमळ रूप मला आवडते .तू जेव्हा चिडते -रंगवते ते रणरागिणीचं रूप मला आठवते .

आणि या सगळ्या गोष्टींना खूप जास्त मिस करते .

पण आता या सगळ्या गोष्टींना अलीकडे ठेवून , आपल्याला जीवनात एक ध्येयाच शिखर गाठायचं आहे हेच मनात येतं.

आणि शेवटी गहिवरून आलेलं हे मन एकाच वाक्य बोलून जातो आणि ते हि शेवटचं

" आई निदान प्रेम करण्यासाठी नाही तर, रागवण्यासाठी तरी ये

येणं गं

आई "

-:नेहा मौनदेकर
द्वितीय वर्ष
माहिती तंत्रज्ञान अभियांत्रिकी

|| वाट ||

एकटीच मी चालू लागली

वाट कुठेच दिसेना

सोबतीला ना कुणी

अंधार हा संपेना ||१||

मी स्वतःला शोधू लागली

पण कुठेच आज मिळेना

पण कुठे आज हरवून गेली

माझे मलाच कळेना ||२||

अंधारलेली वाट हि

प्रकाशित होऊ लागली

पुन्हा नव्याने एकदा

माझीच मी भटकून गेली||३||

प्रकाशाचा किरण मज

शोधूनही मिळेना

वळावे कुठे स्वतःलाही कळेना||४||

का कळेना मी,अन माझे

मजला काही सांगू लागले

वाट दाखवण्या दिशा जणू
तेही मजला खुणावू लागले ||५||
वाटे जणू निंदा तेहि
आज माझी करू लागले
वाटेवरी लपलेले शत्रू पाहून
मजवर तेही आज हसू लागले||६||

वाट माझी तीही मजला चिडवू लागली
भटकणारे सोबती पाहून
फिरकी माझी घेऊ लागली
एकटीच मी चालू लागली||७||

-:कोमल संतोष टापरे

तृतीय वर्ष

परमाणू व दूरसंचार अभियांत्रिकी

ध्येय

मनात माझा आता दाटला एक
शिवार आहे |
उघड्या डोळ्यांचे स्वप्न पण
त्यात तुझाच विचार आहे||१||
सत्यात मात्र तू न बोलणारा
एक जीव आहे |
तुला मात्र याची एक जाणीव
होणार आहे ||२||
होऊन स्वार्थी मनाने मी तुलाच
फक्त जपत आहे |

विचार करताच तुझा तू डोळ्यासमोर
भासत आहे ||३||
अडचणीच्या या वाटेवर वाट
तुझीच मोकळी आहे |
पण कर्तव्यदक्ष होऊन मी जवळ
तुझ्या येत आहे ||४||
मला ठेच लागताच हसू तुला
येत आहे |
शपथ आहे मला मी आता
नाही थांबणार आहे ||५||

-:शुभम देठे

तृतीय

वर्ष यंत्र अभियांत्रिकी

माझं गाव

माझं गाव हरपलं
 कस मिळेल परत
 माझा जुन्या गावासाठी
 मी बसतो झुरत !!
 गेली बंडी जोडी
 गेली काकडा आरती
 वासुदेव भारुडी हि गेला
 आता दिसतात फक्त इमारती!!
 हरी पाठाचे अभंग
 माझा घुमतात कानी
 कुठे गेली हो ती
 राष्ट्रसंतांची मधुर गाणी!!
 मय माझी ओसरीत
 आता दिसेनाशी झाली
 पोर बाळ अंगणातून

आता शाळेतही गेली !!
 तो पिंपळाचा पार
 ती बैठक म्हाताऱ्यांची
 काळ्या जमिनीची सांगा
 कुठे गेली हो माती !!
 गिल्ली,दांडू ,कंचा
 कुठे गायब झाले खेळ
 मामाचा गावी जाण्यासाठी
 नाही पोराना आता वेळ !!
 माझं गाव द्या हो मला
 शहरांचा मला नाही लळा
 त्या आठवणीतील गावांसाठी
 जीव होतो माझा वेळा !!!

-:विश्वनाथ अजाबराव जवंजाळ

द्वितीय वर्ष

विद्युत अभियांत्रिकी

विशाल मातृभूमीचा रक्षक

'पिंजरवाडी' या छोट्याशा गावात राहणार विशाल बारावीची बोर्डाची परीक्षा प्राविण्यासह उत्तीर्ण झाला . मिळालेले गुण पाहून गावातील तसेच त्याच्या विद्यालयातील सर्वांनी त्याचे भरभरून कौतुक केले "तू आता इंजिनिरिंग ला जा "तर कोणी म्हणत होते "मेडिकल ला जा "असे सर्वजण आपापले सल्ले त्याला देत होते .

सर्वांचे म्हणणे त्याला पटले होते,पण तो खूप बेचैन झाला .कारण त्याला या क्षेत्रामध्ये जायला मिळणारच नव्हते .त्याच्या घरची परिस्थिती खूप हलाखीची होती आणि आपल्याला कदापिही हि क्षेत्रे परवडणार नाहीत , हे त्याला खूप चांगल्या प्रकारे माहित होते .राहून राहून तो त्याच्या नशिवाला दोष देत होता .त्याच्या घरचांची खूप इच्छा होती कीं 'विशाल ने शिकून खूप मोठं व्हावं , पण शेवटी परिस्थितीमुळे त्याच्या स्वप्रांना ग्रहण लागलं होत.

"आता कुठं काम धंदा बघ आणि घर चालवायला मदत कर "असे घरचे सांगू लागले .कारण विशाल घरात सर्वत मोठा आणि पाठीशी लहान तीन बहिणी होत्या .वडील पण थकलेले होते.त्याच्या कडे दुसरा काही पर्याय नव्हता .त्याचे सर्व मित्र त्यांच्या सोईनुसार उच्च शिक्षण घ्यायला निघून गेली .विशालला खूप खराब वाटत होत .पण त्याचा आत्मविश्वास खूप पक्का होता, त्याने स्वतःला खचू न देता सर्व जबाबदारी उचलली .काही दिवसानंतर , त्याला मिलिट्रीची भरती आहे असे माहित पडले

आपण मिलिट्री मध्ये भरती होणार असे त्याने घरच्यांना सांगितले .पण एकुलता एकच मुलगा असल्यामुळे त्यांनी त्याला विरोध केला .पण त्याने घरच्यांना समजावून सांगितले कि , हल्ली परिस्थिती खूप बदललेली आहे , तिथे एवढी कशाचीही भीती नाही तसेच खूप चांगला पगार मिळतो , आपल्या सध्यां गरिबांसाठी हीच नोकरी तारणहार आहे .असे सांगून त्याने कसेबसे आई-वडिलांचा होकार मिळवला.

आई वडिलांनी काळजावर दगड ठेवून होकार दिला होता .त्यांची सर्व स्वप्ने पूर्ण करण्यासाठी दगड ठेवून होकार दिला होता .त्यांची सर्व स्वप्ने पूर्ण करण्यासाठी विशाल ला त्यांच्या पासून दूर जाणे भाग होतेच .त्यांना विशाल ला त्यांचा पासून दूर करणे मान्य नव्हतं .पण परिस्थिती मुळे हे सर्व काही घडत होत .भरतीच्या सर्व प्रक्रिया यशस्वीरीत्या पार पडून विशाल भारतीय सैन्यामध्ये निवडला गेला .मिलिट्री प्रशिक्षण पण पूर्ण झालं होत .आता पोस्टिंग होण्या अगोदर विशाल गावामध्ये सुटी वर आला होता .आता विशाल सामान्य मुलगा नसून एक भारतीय सैनिक होता सुटीचा प्रत्येक दिवस त्याला आणि त्याचा घरच्यांना खूप मोलाचा वाटत होता .

एक वेळा झुटी वर गेल्या वर परत केव्हा यायला मिळेल ? कि नाही "या विचाराने तो एक एक क्षण आनंदाने जगायचं प्रयत्न करत होता गावातील सर्व नातेवाईक .मित्रमंडळी सोबत दिलखुलास वागला .पुन्हा कधी हा क्षण येणार कि नाही म्हणून फक्त आठवणी मागे ठेवत चालला होता .खूप प्रेमाने सर्वांशी वागला त्या उलट त्याला पण सर्वांनी चांगलाच सहवास दिला .लहानपणापासून ज्या मातीमध्ये खेळलो ,बागडलो आता तिचंच संरक्षण कार्याला मिळणार म्हणून त्याची छाती आत्मविश्वासाने आणि मातृप्रेमाने फुलली होती .प्रत्येक दिवस आनंदाने जात होता .शेवटी सर्वांना तिथेच सोडून दूर सीमेवर देशाचं रक्षण करायला जाण्यासाठी तो दिवस उजाडलात्या दिवशी आई खूप रडत होती तिला राहून राहून वाटत होत कि विशाल तिचा पासून खूप दूर गेलाय .तो तिचा नाही तर मातृभूमीचा बाळ झालाय .सर्व गाव वेशी मध्ये विशाल ला देश रक्षण करण्यासाठी शुभेच्छा देत होता .सर्वांना भेटला आणि जाते वेळी शेवटी आई जवळ येऊन तिला धीर देत म्हणाला " .मी

परत येईल ,तू रडू नकोस तुझ्या ह्या आसवांच्या धारा माझा रस्ता अडवत आहेत . "विशाल निघाला आणि त्याच्या कॅम्प ला पोहोचला .आता पूर्णपणे त्याने स्वतःला खंबीर बनवले आणि न डगमगता प्रत्येक मोहिमेमध्ये यश मिळवून आपल्या तिरंग्याला आकाशामध्ये फडकावत होता .सर्व काही व्यवस्थित चाललेलं होत .

पण अमावषेची एक भयानक काळोख रात्र त्याच्या आयुष्यामध्ये कधीही न संपणारा काळोख घेऊन आली . अचानक त्या रात्रीला शत्रूंनी भारतीय चेक पोस्ट वर हल्ला केला .प्रत्युत्तरात भारतीय सैन्याने पण हल्ला चढवला आणि त्यांचे छुपे प्रयत्न हणून पाडले .पण हि वेळ आनंद साजरा करण्यासाठी नव्हती कारण या हल्ल्यामध्ये शत्रूंना सळो कि पळो करून सोडणार विशाल मात्र आपल्या मातृभूमीसाठी शाहिद झाला होता .तो गेला पण जात जात सुद्धा तिरंग्याला हवेमध्ये फडकावून गेला .सर्व सोबती सैनिक त्याचा पराक्रम पाहून आश्चर्य चकित झाले होते .कारण त्याने त्याचा तीन साथीदारांवर फेकलेल्या ग्रेनेडला सामोरे जाऊन त्यांची शहादत स्वतःवर वळवली होती .अश्या या पराक्रमी सैनिकाचा जाण्याने सर्व दुःखात बुडाले .

नंतर हि बातमी सर्व युनिटमध्येच नाही तर सर्व देशभर वाऱ्यासारखी पसरली .दुसऱ्या दिवशी जु=या वेळेस त्याचे पार्थिव त्याच्या गावामध्ये आणण्यात आले तेव्हा गावामध्ये एकच आक्रोश झाला .सर्वांच्या डोळ्यातून अश्रू वाहत होते .सर्वांचा आवडता लाडका विशाल त्यांना सोडून कायमचा गेला होता .तिरंग्यामध्ये गुंडाळलेला मृतदेह पाहून सर्वांना भरून आले कुणी त्याला सलाम करत होते तर कुणी त्याच्या पराक्रमाचे गुण गात होते.

समोर मुलाचा मृतदेह पाहून आईने तर आरोळीच ठोकली .तिने त्याला कवटाळले होते आणि त्याला सोडतच नव्हती .शेजारीच धसका घेऊ वडील रडत बसलेले होते .बहिणी तर आक्रोशाचं करत होत्या.त्यांचा सहाराचं गेला होता ,त्यांची सर्व स्वप्ने बुडाली होती .त्याच्या सर्व आठवणींची उजळणी काढत ते सर्व रडत होते आकाशामध्ये चिवचिवाट करणारे पाखर पण हे चित्त थरारक दृश्य पाहून रडत होते आजूबाजूच्या गावातील सर्व मंडळी अगदी महासागरासारखी त्याच्या मयतीला अली होती .सर्वांच्या समोर महानदी च्या साक्षीने त्याच्या चितेला मुखाग्री दिली गेली .असा सर्वांचा लाडका आणि आपल्या मातृभूमीचा एक सिंहासारखा बाळ अनंतात विलीन झाला .

सलाम त्या बहादुराला , ज्याने देशाच्या रक्षणासाठी आपल्या अनमोल जीवनाचा क्षणाचाही विचार न करता त्याग केला आणि सलाम त्या मात्या पित्यांना त्यांनी अशा बहादुराला देशासाठी अर्पण केले ...

जय हिंद

-:राम श्रीनाथ

तृतीय वर्ष

विद्युत अभियांत्रिकी

तिची व्यथा

एक्स् अन एक्स् जणुके भेटल्यावर
 स्त्रीचा गर्भ होतो
 कळताच त्या नराधमांना
 जीव तो तिचा घेतो...
 अंकुरफुटण्याआधीच
 उघाडून फेकला जातो
 अमानुष कृत्यांतून
 तिचा हक्क हिरावला जातो...
 कसेबसे आयुष्य भेटले तर
 कोसुन तिला जिवंत यातना देतात
 वाळीत टाकल्यावाणी तिची हेटाळणी करतात....
 कळीचे फुल उमलताना
 ती तिच्यातच गुंतलेली असते
 तिला नसते जाणीव पण
 तिच्यावर हैवानाची नजर असते....
 यांना ना दिवस असतो ना रात्रभर
 कधी कोपर्डी कधी दिल्ली
 समाज हादरतो कारण
 त्यांच्या दुष्कृत्यांनी ते माजवतात गल्ली न
 गल्ली...
 बदनामीच्या भितीने कधी लपतो गुन्हा
 कितीतरी बलात्कार घडतात या देशात
 कळत नाही कोण कधी कसे
 येईल हो अश्या हैवानाच्या रूपात ...

तिचे वाटेल तसे लचके तोडतात
 व्देषाच्या भावनेतूनतिचा मात्र जिवं घेतात ...
 तिच्याच आजूबाजूला असतात ते
 घेऊन बुरखा चेहर्यावर
 ती असते कोवळी कळी
 निर्दयीपणे हात घालतात तिच्या अब्रुवर.....
 नादाणपणाचा सोंग घेऊन
 मजा पाहतो हा समाज
 सुटतात अपराधी म्हणुनच
 यांना चढतो माज....
 कधीतरी मग चढतात फाशीवर
 पण माणसात लपलेल्या हैवानाला
 कुणास ठाऊक कसे आणायचे वठणीवर ???
 नकोसा झालाय हा स्त्रीजन्म
 कुठे मिळेल आम्हाला न्याय ???
 रणरागिणी चे रुप घेईल मी
 तेंव्हाच थांबेल आता हा अन्याय

:-सारिका अनंत चिकटे

चतुर्थ वर्ष

विद्युत अभियांत्रिकी.

काय मजा ना त्या शांत रात्रीची!

काय आहे ही या रात्रीचा स्तब्द शांती ची मजा
ना सोबत ,ना पुढे, ना माघे ना कोणाची सजा.

किती मजा ना या काळोख्या रात्रीची
त्या शांत किड्यांचा आवाजांची .

फक्त तो एकच आवाज कुर कुर

थंडगार वारा व निळझार आभाळ

काय मंत्रमुग्ध त्या कुत्र्यांचा भुंकण्याची

आणि त्या रात्रीचं प्राण्याची ओरडण्याची

रात्रीची शांती मनाला लागते

कधी काळीच्या त्या अफवानी मन हारावळते

पण आठवते त्या वेळेसच ते वाक्याचा अर्थ

भिऊ नकोस मी तुज पाठीशी आहे सर्वर्थ

काय महिमा या निसर्गाची

कधी कोणाला थांबू देत नाही

कधी कोणाला चालू देत नाही

जो तो गुंततो त्या पीजऱ्यात

कधी तो त्यातून बाहेर ही निघू देत नाही,

काय माजा आहे ना त्या रात्रीची ,काय माजा आहे ना त्या रात्रीची

-:सुरज शेळके

द्वितीय वर्ष

यांत्रिकी अभियांत्रिकी

आजचा विद्यार्थी खरच ज्ञान घेतोय का ?

मानव ...हा फक्त शब्द की निसर्गचक्राचा एक महत्वपूर्ण घटक?

मानव हा समाजात राहणारा एक प्राणी आणि स्वतःला सिद्ध करण्यासाठी युद्धपातळीवर धडपड करणारा एक सुक्ष्मजीव.आजच्या विज्ञान आणि तंत्रज्ञानाच्या बदलत्या काळात मानवामानवमधील अस्तित्व टिकवणे फार गरजेचे आहे.ज्याप्रमाणे चार्ल्स डार्विन याने उत्क्रांतीवादाचासिद्धांत) Survival Of Fittest(सांगत मनुष्य कसा धडपड करत प्रत्यक्ष व अप्रत्यक्षरित्या त्यामध्ये गुंतला जातो आणि एक "माणूस "म्हणून नव्हे तर एक स्पर्धेचा घटक म्हणून जगतो.

परंतु दुर्दैव ,या स्पर्धेकडे पाहण्याची मानसिकता समाजामध्ये एवढी बदलली की ती आता दिवसेंदिवस जीवघेणी ठरतांना दिसत आहे.समाजातील कुठल्याही क्षेत्रांमध्ये एक नजर फिरवली जसे की शैक्षणिक,राजकीय,नोकरीविषयक इत्यादी .स्पर्धा हि आहेच.याचाच परिणाम बेरोजगारी,आत्महत्या,किशोरवयीन मुलांची)युवकांची (चुकीच्या वाटेला वळणारी पाऊले अशा प्रकारचे खूप काही...कटू पण सत्य...याला जबाबदार कोण?स्पर्धा ?स्पर्धेच्या दबावाखाली जगणारा विद्यार्थी ?समाज ,महाविद्यालये ,की समाज? क्षणभरही याबाबत विचार केला तर प्रत्येक जण स्तब्धच होईल .कारण कुठेही प्रवेश घेताना प्रवेश परीक्षा व बरेच काही गोष्टीना सामोरे जावे लागते.

आज कुठलाही विद्यार्थी हा विद्यार्थी म्हणून नव्हे तर ज्ञानार्थी म्हणून वावरताना दिसतो .विद्यार्थी म्हणजे "विध-अर्थी "याचा अर्थ असा कि प्रत्येक वेळी काहीतरी जाणून घेणारा व शिकणारा .परंतु आजचा विद्यार्थी हा ज्ञानासाठी नाही तर परीक्षांसाठी जगताना दिसतो.आणि यामध्ये पालक ,महाविद्यालये ,समाज यांचीही भूमिका काहीअंशी अशीच आढळून येते.आणि फक्त विद्यार्थांकडून उच्चश्रेणीची अपेक्षा करताना दिसून येते.पण यामध्ये विद्यार्थी हा काय करू ईश्रितो ?याचा विचार होताना दिसत नाही.

अशा प्रकारच्या कारणांमुळे विद्यार्थी हा दबावाखाली वावरतो आणि एक उत्कृष्ट ज्ञानार्थी नाही तर परीक्षार्थी बनतो आणि कुठलाही दूरदृष्टीचा विचार न करता तात्पुरता समाधानी होतो .यामुळे सामाजिक ज्ञान ,सर्वांगीण विकास ,सदसदविवेकबुद्धी या मुल्यांचा लोप होताना दिसून येतो .हे करत असताना कुठलीही गोष्ट योग्य विचार न करताना केल्यामुळे आयुष्यात एकच प्रश्न पडतो की आता पुढे काय ?

परंतु जर हाच तात्पुरता विचार न करता खरोखर विद्यार्थी शब्दाला जगला असता तर कदाचित हा प्रश्न उद्भवलाच नसता.आणि एक जागरूक नागरिक म्हणून समाजात स्थान मिळवू शकला असता पण पुन्हा हे का नाही ?अशावेळी समाजातील बदलत्या भूमिका तर याला जबाबदार नाहीत ना हा प्रश्न मोठ्या प्रमाणावर जाणवतो.

या घटकांचा एकरूप होऊन जर विचार केला तर या मुद्द्यावर विचार करण्याची आवश्यकता जाणवते.असो जर आपल्या अनमोल आयुष्याच्या वळणावर जर यशस्वी ,समाधानी व्हायचे असेल तर जमेल तर बघा आपल्याला काय व्हायचय ?...परीक्षार्थी की ज्ञानार्थी....

-:आनंद खरात .

द्वितीय वर्ष

परमाणू व दूरसंचार अभियांत्रिकी

जिप्सी

अचानकच तुला , बघत असताना
आत दडलेला जिप्सी , मुसंडी मारून बाहेर येतो ।

सावकाश नजरेने , दिरंगाईने , तुझ्याकडे बघू लागतो
प्रेमाने , अलगद , न्याहाळू लागतो ।

तू जवळ असल्याचा , दावा करतो
आनंदाने उफान मारतो ।

तुझ्यात , अन फक्त तुझ्यात , हरवून जातो
कधी कधी मित्रांमध्ये , लाडवून जातो ।

अन , सरतशेवटी , माझ्या मनात हरवून जातो
असा हा जिप्सी , माझ मन , माझ्या भावना , माझ जीवन ॥

शुभम मुळतकर
अंतिम वर्ष
परमाणु व दूरसंचार अभियांत्रिकी

अपेक्ष्यांच्या मायनगरीत.....

हो....!अपेक्षा ही माया नागरी तर ठरत नाही ना?

असे म्हणतात की जर तुमचे मागील जन्मातील संचित पुण्यरूपी असेल म्हणून कदाजीत तुम्हाला मानव रूपी जन्म या भूतळावर प्राप्त झाला असावा,याच अनुषंगाने आपण सर्वच जीवन सार्थक करण्यासाठी जीवापाड आपेक्षेचे मोठे ओझे घेऊन आयुष्य पार पाडत आहोत.

जीवनात एक ध्येयं साध्य होताच,आपण दुसऱ्या ध्येयावर गतिमान होतो,खरंतर हे करणं काही अयोग्य नाहीच,परंतु हे सर्व करत असतांना आपण चालू असलेल्या वर्तमान काळा मध्ये न जगात सरळ भविष्य काळात निघून जातो.याला कारणीभूत आहे ती आपल्यावर रुजलेली विचारधारणा ती अशी की मला होऊ घातलेल्या शालेय परीक्षेत जास्त गुण घेऊन यशवंत व्हायचं आहे,आता यात काही वावग नाही कारण यशवंत व्हावं अस कुणाला वाटणार नाही,परंतु त्या उद्याच्या यशाच्या चिंतेत आपण आजचं का चिंताग्रस्त होऊन हे सुंदर जीवन निरार्थी ठरवतं जावं?

यशाची अपेक्षा बाळगत आपण सध्या स्थितीत चं अनेक स्वप्न रंगवतो आणि हळुवार पणे त्या बहुरंगी स्वप्नाच्या मायनगरीत इतके मग्न होतो की स्वतःच्याच वास्तविकतेला भुरळ पडतो.

यश आणि अपयश ही काही कुणाची मत्तेदारी नसून,ह्या दोन्ही स्पर्धेच्या बाजूच म्हणव्यात परंतु या अपेक्ष्यांच्या मायनगरीत यश संपादित करण्याच्या दिशेने योग्य ती संघर्ष करण्या ऐवजी त्या यशाची का बरं चिंता करत बसलेलो असतो?आणि याच चिंते मूळे आपण आपले वर्तमान आयुष्य फक्त त्या अपेक्ष्यांच्या ओझ्या मूळे सुंदर आयुष्य नकळत उध्वस्त होत राहत.अश्या या अपेक्ष्यांच्या मायनगरीत अनेक महानायक उद्याच्या यशाची योग्य काळजी न करता फक्त करतात ती चिंताच, खरतर अश्या सर्वाना अत्यन्त आवश्यकता आहे ती सखोल आत्मचिंतनाची,कारण आपण आशावादी धोरना वरण केव्हा चिंतावादी धोरणाचा अवलंब करतो हे कळतच नाही.

आयुष्य क्षणभंगुर आहे,पुढील एका सेकंदाला काय घडणार हे देखील कुणास ठाऊक नसतांना का आपण उद्याच्या अविश्वासू यशासाठी आजच्या सुंदर वर्तमान जीवनाचा केवळ त्या अपेक्ष्यांच्या माया नगरीत का बरं त्याग करतो?यशाची चाहूल ही नक्कीच असावी परंतु तिला एक स्वयंघोषित सीमा जरूर असावी अन्यथा अपेक्षाच्या ओझ्याखाली योग्य ते प्रयत्न सोडून; आपण स्वप्नांच्या माया नगरीत मग्नधुंद होऊन केव्हा भविष्या सोबतच कसा आपल्या सुंदर अश्या वर्तमान काळही चिंतेत घालवतो हे सुद्धा आपल्याला कळतं ही नाही.

आयुष्य खूप सुंदर आहे,फक्त ते जगण्याची कला आत्मसात करता येन हे महत्त्वाचं. आल्या जन्मी स्वप्नं जरूर बघावं परंतु ते परिपूर्ण करण्यासाठी योग्य त्या दिशेने संघर्ष करावा आणि अपेक्ष्यांच्या मायानगरी पासन जरा लांबच वावरव. यश किंवा अपयश हे एकमेकांवर आधारित आहेत,आज तुमच्या पदरी अपयश जरी असलं तरी नक्कीच अनुभवाच्या जोरावर तुम्ही सर्वाना हुलकावणी देत यशाच्या सर्वोच्च शिखरांवर विराजमान कराल,परंतु तुम्ही जर का त्या अपेक्ष्यांच्या मायनगरीत अडकलेत तर तुमचा होईल तो फक्त भ्रमनिरास चं.....!

सागर गवळे

तृतीय वर्ष यंत्र अभियांत्रिकी

महिला दिवस.....!!!

हा लेख लिहण्याचा विचार ; महिला दिनाच्या दिवशी आला , कारण काही सर्वसाधारण महिलेचे मत, ह्या दिवशी सांगितल्यावर पुरुषांपर्यंत पोहचतील अशी आशा आहे .

मज हवे मोकळे आकाश ,
नाकारते या अंधःकाराचे फास ,
फक्त द्या नको हो जगण्यासाठी ,
हवं प्रेम ,जिव्हाळा, आपुलकीचा घास ॥
तुलनेचे घाव नको , करू नका छळ एवढा ,
जगावे परिपाखराप्रमाणे , मज हवा श्वास मोकळा ॥

महिला दिन साजरा , खऱ्या अर्थाने जर साजरा कराचा असेल तर तो महिले विषयीचा आपल्यामनातील मान व दर्जा वाढून करा. कारण आम्हा महिलांना आनंद व्हाट्सएप स्टेटस टाकल्यावर नाही , तर जेव्हा आम्ही बिनधास्त मुलांप्रमाणे रात्री व कुठल्याही वेळी , कोणतीही भीती मनात न बाळगता मोकळेपणाने व बेफिकीरीने फिरू शकू तेव्हाच होईल . त्यामुळे जर बंधने आणि अटी घालायच्या असतील तर ते मुलींवरच नाही तर सोबतच मुलांवरही घालणे गरजेचे आहे , मुलांचा, तरुण पुरुषांचा मुलींकडे पाहण्याचा दृष्टिकोन बदलला गेला पाहिजे .

अरे हो ! महत्वाचा मुद्दा म्हणायचं म्हटल्यास सगळीच मुले वाईटच आहेत असे आमचे मत नाही पण मग सगळ्यांचेच विचार स्त्रियांबाबत चांगलेच असते तर आज बलात्कार होणाऱ्या स्त्रीयीची संख्या शून्य '0' असती नाही का ?

काही मुलांचे असे मत आहे कि , आम्हीच बाहेर पडण्याचा प्रयत्न करत नाही पण जर आम्ही रात्री-बेरात्री निघायचा प्रयत्न केला ना तर आमच्या सोबत काही घडल्यास त्या घटनेचे जबाबदार आम्हालाच ठरवले जाते . त्यामुळे बाहेर निघतांना आम्ही सुरक्षित आहोत कि नाही याची भीती कायम मनात असतेच हे सांगणे महत्वाचे वाटते .

शेवटी राहिला प्रश्न मर्यादांचा , मी नक्कीच मान्य करते कि कुठल्याही गोष्टीला मर्यादा , बंधने , संस्कृती नसेल तर त्यात आनंद व समाधान टिकत नाही , पण मग बंधन घालतांना स्त्री-पुरुष भेद का ? म्हणायला तर स्त्री-पुरुष एकाच गाडीचे चाक आहेत , तर मग बंधनांचा आणि मर्यादांचा भर फक्त स्त्री वर लादणे कितपत योग्य ?

म्हणूनच , स्त्रीमधल्या माणूसपणाची खरी ओळख व जाणीव करून देण्याची गरज पुरुषजातीला आहे . तेव्हाच हा महिला दिन समानतेच्या आनंदायी भेटीवर सफल ठरेल . आमच्या माफक इच्छा पुरुष मान्य करतील हीच सदिच्छा !!

शेवटी हेच सांगू इच्छिते , माझा हेतू कोणाला वाईट ठरवण्याचा नाही , किंवा कोणाच्याही भावनांना ठेच लागेल असा नाही . मी फक्त सगळ्या स्त्रियांच्यावतीने माझे मत मांडण्याचा प्रयत्न केला आहे .)

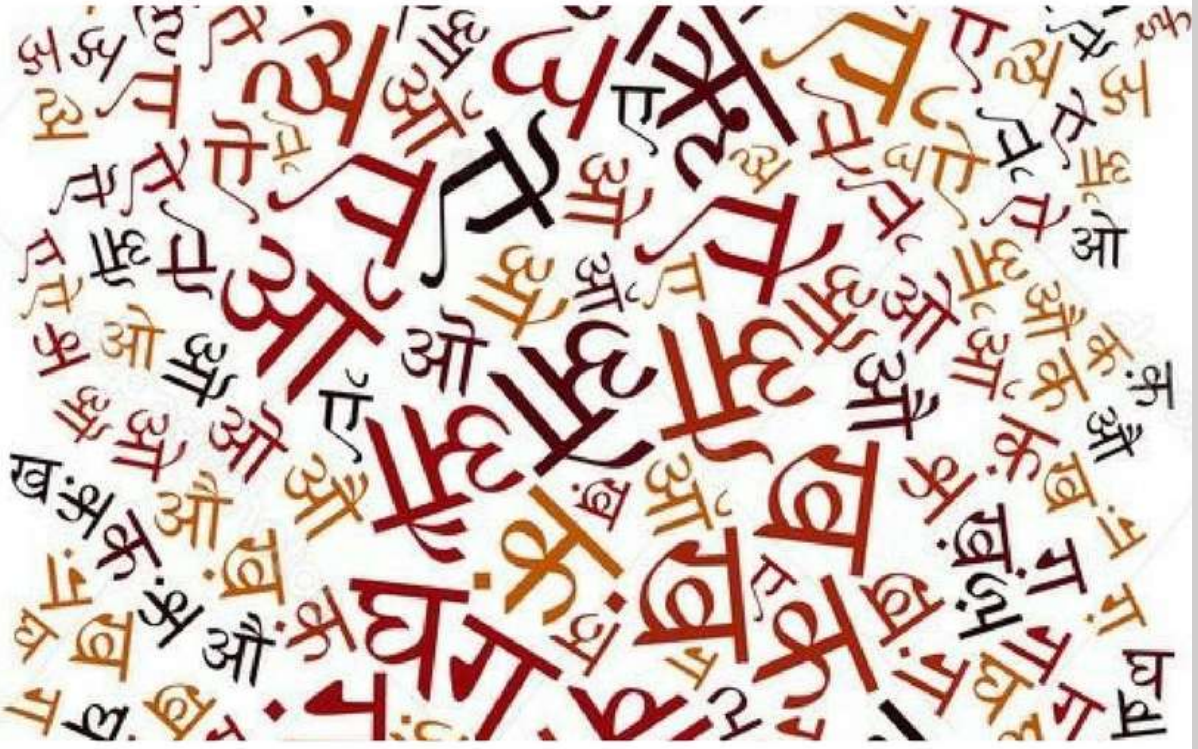
--पर्णिका दिलीप पाथोडे

द्वितीय वर्ष

संगणक विज्ञान

अभियांत्रिकी

TATTWADARSHI



हिंदी अनुभाग



संपादकीय...

आज कि सफलता इस बात पर निर्भर नहीं करती कि आप क्या करते हैं, बल्कि निर्भर करती है कि आप जो भी करते हैं, लगन से करते हैं या नहीं

इन पंक्तियों का लिखने का मतलब है की इस साल कि तत्त्वदर्शी वार्षिक पत्रिका.

मैं सबका धन्यवाद करना चाहूंगी की मुझे इतना अच्छा अवसर मिला, आश्चर्यजनक अनुभव मिला इसमें काम करनेका.

सभीने अपने विचार प्रस्तुत किये हैं.

इसी माध्यम से विद्यार्थी वर्ग में छुपी हुई कला बाहर आती है और उन्हें आत्मविश्वास मिलता है. वैसे तो बहुतसे विद्यार्थी विचार प्रकट करते समय डरते हैं, लेकिन इस पत्रिका में उन्होंने प्रयास किया है. और उनके प्रयास कि सराहना होनी चाहिये. भविष्य के लेखक महाविद्यालय अथवा स्कूल में ही अपनी प्रतिभा दिखाना शुरू करते हैं. अपने प्रतिभा अथवा कौशल्य बढ़ाने का प्रयास जारी रखते हैं.

मैं सभी सदस्य का आभार मानती हू. उनके सहकार्य से ही हम इस पत्रिका को पूर्णत्व कि और ले जा सके.

मैं आशा करती हू कि आप सभी वाचन का आनंद लेंगे.

मनाली बहेकर
तृतीय वर्ष
तंत्रज्ञान अभियांत्रिकी

अनुक्रमणिका

अनु.क्र	शीर्षक	रचनाकार
१	वही रहोगे ??	अदिति मुजमेर
२	वह भी क्या दिन थे	स्वाती राय
३	माँ,तेरे बिना.....!!	श्रीराम लोहार
४	ये वक्त !	श्रीराम लोहार
५	इंसान	कोमल टापरे
६	मन कि बात	शुभम इतकारे
७	अजब सी ये दुनिया और गजब सी दुनिया की रीत ।	आरती पवार
८	स्वच्छ भारत माता	सुरज विवेक शेळके
९	चाहतो के रंग	सौरभ पुराणिक
१०	आज फिर उडना चाहता हू मे	मयंक कोपरकर

वही रहोगे ??

ऐ आसमान !

क्या तुम तब भी वही रहोगे,
जब में मेरे पोतो के साथ तुम्हारे तारों को देखूँगा ?...

ऐ जमीन !

क्या तुम तब भी वही रहोगे,
जब मेरे डगमगाते पैरों के साथ मेरी छड़ी भी तुम पर पड़ेगी ?...

ऐ पानी !

क्या तुम तब भी वही रहोगे,
जब मेरे कप-कपाते होंगे का स्पर्श तुम्हारी बूंदों से होगी ?...

ऐ पेड़ !

क्या तुम तब भी वही रहोगे,
जब तुम्हारे सारे दोस्त चुके होंगे ?...

ऐ खुदा !

क्या तुम तब भी वही रहोगे,
जब इन्सान शायद तुम्हे भूल चूका होगा ?...

अदिति मुजमेर
प्रथम वर्ष
संगणक अभियांत्रिकी

वह भी क्या दिन थे

वह भी क्या दिन थे जब हम अपने पिता का हाथ छोड़ कर भागना चाहते थे ।
पर आज उनका हाथ पकड़ो तो ऐसा लगता है कि पुरा जहान चहात मे आ गया हो ।
वह भी क्या दिन थे जाब हम गर्मी कि छुत्तियों का बेसब्री से इंतेजार किया करते थे , ताकी दादाजी दादीजी के पास गाव जा सके ।
पर आज गाव शहर मे बदल गया है ।
वह भी क्या दिन थे जाब हम खिलौने से खेला करते थे ।
पर आज लोग एक दुसरो के जसबादो से खेला करते है ।
वह भी क्या दिन थे जब माँ एक चॉकलेट लाके देती थी तो पुरे घर मे खुशी के मारे नाचने लागते थे ।
पर आज अगर वह कार भी लाके दे दे तो खुश नही होते ।
वह भी क्या दिन थे जब ज्यादा हसने पे कक्षा से निकाल दिया जाता था ।
पर आज मुस्कराने के लिये भी वजह ढुंढनी पडती है ।
वह भी क्या दिन थे जब सच्चे मित्र हुआ करते थे ।
पर आज बस फोन पे बात होती है ।
वह भी क्या दिन थे जब हम छोटे थे और बडे होने का इंतेजार करते थे ।
पर आज फिर से माँ के हाथ से खाना खाना चाहते है ।
वह भी क्या दिन थे जब लोग रोटी , कपडा , और मकान के लिये मेहनत करते थे ।
पर आज तो सब एक दुसरो से आगे जाने के लिये मेहनत करते है ।
वह भी क्या दिन थे जब बिजली चले जाने पर खुश हुआ करते थे ।
पर आज एक मिनिट भी उसके बिना नाही रेह सकते ।
वह भी क्या दिन थे जब पुरी दुनिया घुमना चाहते थे ।
पर आज वह अपने लोगो के बीच रेहना चाहते है ।

- स्वाती राय
द्वितीय वर्ष
(परमाणू आणि दूरसंचार अभियांत्रिकी)

माँ, तेरे बिना.....!!

मम्मी-मम्मी करकर पुरे घर में दौड़ था । धुंध-धुंध कर भी ना मिलने वाली उस क्रिकेट बात के लिए पुरे घर को सर पर उठाता था ।

टेरेस , किचन , हॉल , बैडरूम कहाँ-कहाँ तक नहीं जाता था , पर आखिर में थक हार कर तेरे पास ही लौट आता था । तू मंद-मंद मुस्कुराकर निहारती थी मुझे , देख कर मेरा परेशां चेहरा चिढ़ाती थी मुझे पर आखिर में पता नहीं कहाँ से वो बात तू ही लाकर देती थी ।

माँ वो तेरा यु मंद मंद मुस्कुराना आज भी याद आता है , मुझे तेरे बिना इस दुनिया का हर एक लम्हा बहुत सताता है ।

हाँ हाँ जनता हु खाने-पिने के मेरे हज़ारो नखरो ने बहुत सताया तुझे , ये अच्छा नहीं, वो अच्छा नहीं, ये बना कर दे, वो बना कर दे, कह कह कर मुँह फुलाया मैंने.....पर माँ तू तो आखिर माँ है ना मेरा उदास चेहरा कभी ना देख पति थी तू , और मेरी मन पसंद डिश हमेशा बना कर ले आती थी तू ।

माँ वो तेरा नई-नई डिशेस बना कर खिलाना आज भी बहुत याद आता है , मुझे तेरे बिना इस दुनिया का हर एक लम्हा सताता है ।

स्कूल ना जाने के तो मेर हज़ारो बहाने तैयार रहते थे , पर कहते है भगवन का दूसरा रूप ही माँ होती है , उसे तुम्हारे सब बहाने पता रहते थे । मेरे उन बचकाने बहानो को तू देख कर भी अनदेखा कर देती थी ।

माँ , तेरा यु कभी=-कभी अनजान बन जाना भी याद अत है । मुझे तेरे बिना इस दुनिया का हर एक लम्हा बहुत सताता है ।

गलतियां , अरे गलतियां करने का तो वर्ल्ड रिकॉर्ड ही बना दिया था मैंने और मेरे हर रिकॉर्ड का मैडल तुरंत ही छाप देती थी वह मेरे गालो पर ।

दोस्तों , पर एक खासियत है , इस माँ जैसी शख्सियत जो की दुनिया के और किसी इंसान में नहीं, मार कर भी मलहम लगाने वाली माँ के आलावा कोई और नहीं ।

कहना तोह नहीं चाहता , पर तेरा यु गुस्से में मुझे मारना भी याद आता है , माँ तेरे बिना इस दुनिया का हर एक लम्हा बहुत सताता है ।

माँ पता नहीं आज क्यों मैं इन साडी बातो को बहुत याद कर रहा हु मेरे पास तो कोई जवाब नहीं, पर ढूंढने की कोशिश कर रहा हु.....

कितनी छोटी सी ये बात है , पर हम समझ नहीं पते की क्या है मोल और मायने हमारी ना के ये उससे दूर होने के बाद ही समझ में आता है ।

- श्रीराम लोहार

प्रथम वर्ष

(परमाणू आणि दूरसंचार अभियांत्रिकी)

ये वक्त !

इंसान भी एक पहेली है , वक्त को हमेशा अपने हाथो पर नचाता है, पर बेचारा , भोला , नादान यही भूल जाता है
की ये वक्त ही तो है जो इस दुनिया को चलता है ।

कुछ सिखने लायक बातें हैं वक्त के बारे में , जो आज मई तुम्हें बताऊंगा , बहुत ही साधारण शब्दों में कुछ गहरी
बात कह जाऊंगा ।

यह वक्त ही तो है जो सबके लिए एक सामान है है , इसे न तो गरीब होने की शिकायत है , न ही अमीर होने का
गुमान है ।

अरे कहा हम पड़े हैं इन नेताओ के खोकले भाषणों में जो कहते हैं की समानता लाएंगे हम शाषणो में ,
अरे एक बार तो नज़र दाल दी होती , अपनी कलाई की ओर तो कभी ना बढता तू इस फ़िज़ूल की लड़ाई की ओर ।
यह वक्त ! हर वक्त आपके साथ आप की परछाई बन कर रहता है, अरे चाहे अच्छा हो चाहे बुरा हो , पर औरो की
तरह कभी हाथ तो नहीं छोड़ता है ।

ये वक्त ही तो है जो हमें रिश्तो के माईने समझाता है , कौन है अपना और कौन है पराया इस बात का एहसास
कराता है ।

मैंने सुना है लोगो को कहते की गुलाब में भी कांटे होते हैं , मैं सोचता हु की कांटे तो हमारे इस हाथो परलगी हुई
इस टिक-टिकी में भी होते हैं ।

पर देखिये न जनाब क्या गजब का रिश्ता है इस कांटो का क्योंकि एक जख्म देता है , और दूसरा वक्त के साथ मिल
कर उसी जख्म को भर देता है ।

वो कहते हैं वक्त-वक्त की बात है हमारे भी दिन आएगा ।

अरे मैं कहता हु दिन तोह लोगो के आते हैं , हम जैसे शेरों के तो ज़माने आएँगे ।

- श्रीराम लोहार

प्रथम वर्ष

(परमाणू आणि दूरसंचार अभियांत्रिकी)

इंसान

हे इंसान ए तुने क्या किया
खुदको तुने कई बार आजमाया
फलका लालज किया पर कुछ भी तेरे हाथ न आया
बनके अंजान तुने कितने दिलो को दुखाया
हे इंसान ए तुने क्या किया।

प्यार के बंधन तोड़े तुने
अपनों से मुँह मोड़े तुने
हसते हुए को तुने रुलाया
नाते रिश्ते सबको भुलाया।

खुदकी खुशिया तुने छीनी
अपने दिल की कभी न मानी
ए तो सब हैं पैसे की कहानी
सुनना ही भुल गया तु दिल की वाणी।

सच्चाई से नाता तोड़ा
झूठसे जो तुने रिश्ता जोड़ा
ए सब करके क्या तुने पाया
प्यार से तुने जो था बोया
उसको तुने पल में भुलाया
जो था तेरा वो भी खोया
सबको तुने जो ठुकराया
हे इंसान ए तुने क्या कीया।

कोमल टापरे
तृतीय वर्ष
संगणक अभियांत्रिकी

मन कि बात

दुनिया मैं हर दिन discrimination के ऊपर घटनाए होती रहती है !वो देश कितना ही विकसनशील क्यू ना वो discrimination से बच नहीं पाया !अमेरिका जैसा बलाढ्य देश भी इस से बचा नहीं !अमेरिका मैं गोरे -काले का हो !पाकिस्तान मैं सुन्नी -सिया का हो , या भारत मैं हिन्दू -मुस्लिम का हो या हिन्दू -हिन्दू का हो !ऐ घटनाए मन को तितर बितर कर देती है। ऐ घटनाए हमे सोचनेपे मजबूर कर देती है !अमेरिका दुनिया सबसे शक्तिशाली देश है !कहते है की "इंडिया ही भविष्य मैं दुनिया का शक्तिसाली और प्रभा वशाली देश बन सकता है !कैसे पुरे होगा क्योकि हम अपने पुराने विचारोसे

कभी बाहर ही नहीं आते !मै बाद कर रहा ,उन तमाम मुद्दे जो शतको से चले आ रहे !मुझे सबसे बड़ा मुद्दा लकता है ,तो वो है "जातिवात ."क्या उन रढ विचार से कभी बाहर नहीं निकल सकते !देश मैं रोज base on cast नई नई घटनाएँ होती रहती !क्या कोही Cast आदमी सी बड़ी होती !क्या हमारा इतिहास यही सिखाता है !हमारे ग्रंथ हमें "एक आदमी को दूसरे आदमी से लडनी सलाह देते है "!

अगर ऐसा कोही इतिहास है !नहीं चाहिए हमें वो इतिहास ।

उन सभी को कहता हु की ,जो अपने आप को श्रेष्ठ मानते है !हमेशा इस समाज मैं नफरत की आग फैलते है "आदमीसे से बड़ा कोही धर्म नहीं " ! मैं मेरा एक अनुभव बताना चाहुगा !मेरा एक दोस्त है , उसके हाथोमे अलग अलग तरह के रिंग टाइप बैंड थे मैंने कहा अगर तेरे हाथो ऐ पीले काले के बजाए ! जो हमारा तिरंगा है ,उस कलर के अगर तेरे हाथो मैं बैंड रहते तो अच्छा लगता !तो उसने कहा मुझे हरा और नीला कलर पसंत नहीं है !उस वक्त मुझे बहुत बुरा लगा । उसके दिल मैं बहुत

जहर भरा हुआ था !मैंने उसे समजाने की बहुत कोशिश की मगर मैं उसके दिल का जहर नहीं निकाल सका !अब ऐ जहर एक जनरेशन से दूसरे जनरेशन मैं फैल जाएगा !क्या हमारा धर्म अपने देश के तिरंगे से भी बड़ा है !दूसरे देशो को हमसे लडने की जरूरत नहीं है !क्योकि उने पता है की हम आपसमै ही लडते है !जब जातिवात से कोही घटना घटती है तो उस region का बहुत नुकसान होता है !जो आम लोक रहते है उनको ही उसके परिणाम भुगतने पडते है !क्याकि उनके रोजीरोटी दैनदिन कामकाज पे चलती है !जब ऐसे घटनाये घटती है हमेशा उसपे राजनीती है !उस मुद्दे के solution के बारे नहीं सोचता !

ऐ example मैं उन लोगो को देना चाहुगा जो अपने आप को कटरपंथी मानते है !एक आदमी है जो belong करता है उस cast जो दूसरा आदमी उस cast से नफरत करता है बेइतहा । ...उन दोनों को एक ऐसे जगह भेज दो जहा न खाने को , मिले न पीनी को पानी !पहिला आदमी के पास जिस सब जिजे available है !दूसरे आदमी को बहुत प्यास लगती है , वो आदमी जो अपने आप को श्रेष्ठ मानता है !वो उसका पानी पिता है !!

जब जान की बात आती है ,तो हम सब भूल जाते है !"मनुष्य को भगवान ने बनाया है !भगवान ही मानव के नाश का कारण बन जायेगा " ! जो मैंने ऐ भविष्यवाणी की है , एक दिन सच होगी अगर हमने आदमी को देखने का नजरिया नहीं बदला तो!

जातीभेद क्या रहता है , किस हद तक आदमी की सोच को खोकला कर देता ऐ हमे 1 फरवरी को हुऐ घटना से मालूम पडता है !ऐ कहानी है अंकित की ..सबसे बुरा क्या होता है जब एक माँ बाप के सामने बेटे की अर्थी उठती है !दिल्ली मैं 1 फरवरी को सरेआम अंकित)२३ (की हत्या कर

हदी गई !अंकित सक्सेना पेशे वो फोटोग्राफर था !1 फरवरी को वो जब ऑफिस से लौट रहा था !तो उसके घर के सामने ही उसका गला काट कर हत्या कर दी !ऐ घटना का कारण था !वो एक लड़की से प्यार करता था !ये अफेयर उस लड़की घर वालों को बरदास नहीं था क्याकि वो मुस्लिम थे उने अलग धर्म का अंकित मंजूर नहीं था !साल 2018आ गया है ,मगर कुछ लोक अभीभी 100 - 200 साल पीछे चल रहे हैं !वो अपने सम्मान के लिए कानून और सविधान की खिल्ली उड़ा रहे हैं !न जाने कैसा सम्मान जो बालिक को प्यार करनेसे रोकता है !वो सम्मान इतना बड़ा होता है की वो किसीकी जान भी ले ले लेता है!
इस तरहके मामले मैं क्या होना चाहिए ,अंकित की हत्या का मामला भले ही नया हो ,मगर ऐ वारदात नई नहीं है !सम्मान के खातिर आए दिन ऐसी से घटनाये घटती है !ऐसे प्रेम प्रसंग के कई मामले हुए हैं ,जहा हत्या इस लिए कर दी क्याकि लड़का

और लड़की अलग अलग जात के थे !ऐसे ही मामला तमिलनाडु मै हुआ था !intercaste शादी के बजहसे लड़की की सरेआम हत्या कर दी थी !इस मामले शामिल सभी आरोपिको सजा ऐ मौत दी गई थी !ऐसी सजा अंकित की आरोपिको मिलनी चाहिये !अंकित के ही नहीं बल्कि ऐसे सभी मामले जो इंसानियत को शर्मसार कर देते हैं ! किसी ने क्या खूब लिखा है !"इस कदर बट गए हैं हम ज़माने मैं सभी ,अगर खुदा भी आकर कहे ;मैं भगवान हूँ -तो लोक पूछ लेंगे किसके ":

शुभम इटकरे
तृतीय वर्ष
संगणक अभियांत्रिकी

अजब सी ये दुनिया और गजब सी दुनिया की रीत ।

अगर अपने मन की कहूँगी तो बद्तमीज़ कहलाउंगी ,
अगर सबके मन की करूँगी तो सरकारी कहलाउंगी ।
अगर दुनिया में अपना नाम कमा लिया तो बद्तमीज़ कहलाउंगी ,
अगर गुमनाम रही तो सर्कार कहलाउंगी ।
अगर किसीसे अपने दुःख दर्द बाटू तो बद्तमीज़ कहलाउंगी ,
चुप चाप दर्द साहू तो सरकारी ।
अगर अपनी मर्जी से ज़िन्दगी जियु तो बद्तमीज़ कहलाउंगी ,
दुसरो का हुकुम मनु तो सरकारी ।
पति चाहे जैसा भी , उसके खिलाफ बोलू तो बद्तमीज़ कहलाउंगी ,
उसका हर जखम छिपउ तो सरकारी ।

-आरती पवार
तृतीय वर्ष
(विद्युत् अभियांत्रिकी)

स्वच्छ भारत माता

गंध ना माचार्येंगे ना मचने देंगे
ऐसा प्राण करके चलेंगे
इस सोच के साथ आगे बढ़ेंगे
हमारे माता को साफ सुथरा बनायेंगे

जिसको कहते है हम माता
उसको क्यू करेंगे गंदगी का भ्राता
जिसने किया स्वच्छताका आह्वान
वही है हमारे पीएम मोदी पहलवान

जिसने कि स्वच्छता माता कि शुरुवात
उसके नाम से है पुरस्कारोन्की शौरत
अंधश्रद्धा अस्वच्छता का दि एन्ड
वही है लेजंड संत गाडगे महाराज

जो है कॉमेडी का किंग कपिल
वो बताता स्वच्छता का मिनिंग
अमिताभजी के जैसे है संग
तो हम कारे स्वच्छ माता का प्रण.

सुरज विवेक शेळके
द्वितीय वर्ष,
यांत्रिकी अभियांत्रिकी

चाहतो के रंग

इन चाहतो के रंगों का भी क्या मजा है,
कभी उभरते हैं, तो कभी दबे दबे से।

जब उभरते है वो तो साथ मे लेकर
शहनाइयां भी गूँजती है कानों में,
लगता है जैसे बे मौसम की बरसात की फुहारे
चूम रही है सारे बदन को, छू रही है।

शायद कुछ कहना है उन्हें तुमसे,
पर क्या करे, बेचारी बेआवाज़ है,
या शायद हो सकता है,
उनकी आवाज तुम्हे सुनाई न दी हो।

मसला यही तो शायद का है जनाब,

ठंड में ठिठुरती इस बज्म को नज़्म के आशियानें
मिल जाते है, तो अक्सर अल्फ़ाज ही काम आते है।
क्योंकि उनका कोई अपना नहीं होता।
काफ़िर, जो उन्हें पढता है उन्ही के हो जाते है।

उस रिमझिमी बरसात जैसे, बाहर, छलकती रहती
है वो,
वो कभी मुट्टी में आती ही नहीं।
जब भी पकड़ने जाता हूँ उसे, तो फिसल जाती है,
लगता है जैसे, होती रेत है लगता पानी।

फिर चुपके से कोई आवाज़ बुलाती है मुझे, किसी
घरौंदे के कोने से।
मैं टुकटुकी लगा देखता जब हूँ, तो मुझे मेरी ही
परछाई दिखती है वहा।
वही बारिश देखता, उसे चूमता, मैं, मेरी ही
परछाई।

पर अब वो चाहत के रंग उभरे नहीं दबे से दिखते है
उसमे, कुछ सहमे से भी।
और इसी दबे चाहत को ले,

उन फुहारों जैसे मैं और मेरी चाहत मिल जाते है,
मेरी परछाई को कही और दूर से देखने भर के
लिए।

सौरभ पुराणिक
चतुर्थ वर्ष
परमाणू व दूरसंचार अभियांत्रिकी

आज फिर उडना चाहता हू मे

पता नही क्यू घबाराता हु
जीवन कि इन मुश्कीलो से,
अपने भीतर के भय से आज
लडना चाहता हु मे ।

समस्या रूपी बेडीयो ने
जकड लिया हे धरती पर,
उन उडते परीन्दौ कि तरहा गगन में आज
फिर आज उडना चाहता हु मे।

जब फिकर ना होती थी कभी
किसी के छोड जाने की,
उन सारे पलो को खुलकर आज
जीना चाहता हु मे।

मयंक कोपरकर
द्वितीय वर्ष
संगणक अभियांत्रिकी

TATTWADARSHI

ENGLISH SECTION

From The Editor's Desk...

Hello friends as the editors of English section in this magazine, it was a great opportunity and wonderful experience to work as a part of this team. I want to congratulate you all teammate and writers for their worth efforts.

The theme of Tattwadarshi 2017-18 is "Explore the Unexplored". It tells about creativity, exploring our new ideas. Don't copy other's ideas create your own ideas and think out of the box. We have to focus on invention and research. Due to large use of internet in our day to day life, we have a large source of information available so, we don't try to use our own knowledge. We don't think much on it and just do copy and paste, so for this things must not to happen. We have to explore our ideas.

As an Engineer we have to focus on creating new things, research instead of getting only passing. It's our mission to make India developed.

In our college not only Engineers but there are some writer's also. They wrote some poems and articles which are very creative and interesting. There are some sketch artists, which draws such a beautiful sketches.

In this edition, I have put my best efforts to enrich and polish our magazine with new exciting ideas and flavors so as to make it more readable.

I would like to thank our principal Dr. S. B. Somani Sir for his support. I would like to thank Prof. S. V. Bhagat Sir for giving me an opportunity to be a part of Tattwadarshi as an editor and time to time guidance and support. Special thanks to the whole team for the great coordination and hardwork. I am very grateful to the reader's. With best wishes...

Miss. Mayuri M. Sangle
Third Year,
Computer Science and Engineering
Editor- English Section

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MATURITY

- ✓ Maturity is when you don't feel shy when you are speaking in your mother tongue.
- ✓ Maturity is when you accept yourself as you are.
- ✓ Maturity is when you understand that people changes, things end but LIFE goes on...
- ✓ Maturity is when you start caring about other's happiness.
- ✓ Maturity is when you start caring and bothering about the day you've wasted.
- ✓ Maturity is when you stop caring other's opinion about your DREAM
- ✓ Maturity is when you understand the difference between true friends and mock friends.
- ✓ Maturity is when you deactivate your facebook account and you start searching for knowledge.
- ✓ Maturity is when you realize that only your parents are going to stay with you in difficult times in your life.
- ✓ Maturity is when you start thinking about your career rather than your dreams boy.
- ✓ Maturity is when you believe in our dreams.
- ✓ Maturity is when your favorite celebrity is none other than your MOM AND DAD.
- ✓ Maturity is when you prefer to spend time in home with your parents instead of parties and all.

SOMETHING THAT NEEDS TO BE SAID


- If you don't like her company leave her but don't say anything behind her.
- If you don't feel comfortable in something just say NO, without thinking.
- If you wanna go out with your friends don't expect them to call twice.
- If you love your parents just keep saying them whenever you get time. We never know what will happen next.

LIFE IS TOO SHORT!

 **Swati Rai**
2nd Year
Information Technology

IF SILENCE WAS A LANGUAGE

We keep quite over the things we shouldn't say
And keep running from the places we couldn't stay
We keep hoping that other morning would be a new day
We know our broken toys were all out of clay
I wonder if there is a way to mend them in any better way
That could hide the cracks and then we never play
Tell me if there is such a thing
I should know by now
If silence was a language
Things could have been different
Fluent melodies louder than whispers
Whispers that weren't just secrets
But some sort of lullaby
That has never let an eye close
Why can't whispers be just louder?
Than most other noises
That never seems to care
Louder than the bruises
So they could hide the screams
When the winds blow
Hushing by the ears they go
Reciting Unheard retold stories
You just need something to fall into
What goes inside remains inside
You just need something to feel into
Someone told me, silence visit places where voices fail
Where smiles and tears do most of whatever they mean
We keep tossing for the head and tail
Never knew where in between the heart has ever been
If silence was a language
Things could have been different
Tell me if there is any such thing
I should know by now.

 **Aditya Khedkar**
3rd Year
Electrical Engineering

MOST IMPORTANT LESSON IN LIFE

Have failed in two subjects?

Ask a drop out student

If you want to crack JEE

Ask a boy who didn't get selected because

He got 235 and the cut off was 236

Instead of asking a JEE topper

If you want to write a book

Ask a person whose book was rejected

several Time for being published

Rather than

Asking a top writer because he know the

pain of rejection

If you want to talk about your new relationship

Talk with a girl whose relationship was of 14 years but she was cheated

If he\she seen world to you only after few years

If you want to know the value of food

Ask a body who had slept with empty stomach

Last night rather than cursing mess food

If you want to know the value of money

Ask a student who didn't get admission in his\her Dream College

Ask a farmer who is saving money for his daughter's marriage

Ask a family who lost their loved one because of lack of money

If you want to know the value of education

Ask a student who is seeing from a window

And wishes to sit with you

If you want to know the value of freedom

Ask a prisoner

If you want to know the value of parents

Ask a guy who lost his parents in

A car accident

If you want to know how beautiful you are

Ask a girl who has been an acid attack victim

"If you have two choices

Either you can be thankful for what you have

Or you can be aggressive for what you don't have"

 Swati Rai

Second year

Information Technology Engineering

A GRATEFUL GIFT

Parents are a gift to all,
They ache in pain when we have a fall,
Parents do for us the things that are right,
When we are ill, they wake up the whole night,
They double our happiness and reduce our pain,
Without them, there's no worthy gain,

They are there for you always,
And can help you in anyways,

To be with your parents is bliss,
Without them life is mess,

Don't just let them down,
But they are your special crown.

 Anish Raj Singh

First Year

Computer Science and Engineering



NOTHING

Most of the universe is filled with nothing. What we call is maybe a percent of this cosmic vastness. What's even more fascinating is that this something may have arisen from nothing completely randomly. In fact, the overall energy of the universe is a big fat zero! I absolutely love this fact.

The concept of nothingness is subjective. From my perspective, it's like this say I'm sitting here, drinking tea and making plans for world domination but outside I don't know what is up with the universe? Did you get that? I mean I have big plans in my head, the rest of the universe means little to be nothing. At the same time, these thoughts mean nothing to the universe that is unless they are put into action.

Even if I were to do that, does it matter? Now that raises a bigger question. In the long one of the universe, does any of what we do matter? Or is all this for nothing?

The answer will be let's said in five billion years, the sun will have eaten the earth and all will go along with it.

So all the achievements of mankind, everything we have created and fought for will be turned back into nothingness. The same place where we came from is the first place where it came from in the first place.

So, what's the point of living then? You know philosophers for ages have wrestled with what it means right. Well I don't know, there are since some awkward thoughts which keep coming to my mind. Hope you liked it.

 **Adesh Rithe**

First Year

Electronics and Telecommunication Engineering

MY FATHER CAME HOME


Let me take this opportunity to give you all which is the happiest moment of a day for you. Well if you ask me, it is when my father comes home. The opening of the door by him and a wide smile on our face are two simultaneous sequences.

From the time we sit for dinner the only thought occupying any mind is when will papa come? And when the answer is to be “late” or he is “out of station” even the yummiest food doesn’t taste good at all. And fortunately there are times when we come for dinner, surprisingly papa is already there, the happiness that fills the heart is beyond any measure.

Whatever is your age, you are 3 years old kid or an 18 years old kid, father coming home is same joy for both. Ready to these all the happiness of the day, sit, chit –chat, and have dinner forms an important part of the day. I love the line by my papa, “*Tum logo ke sath khana hi galat hai*”.

Now there are certain times when papa goes on a weeklong trip. This week seems like a never ending decade. But the eventual day is day of celebration as if India has won any world cup.

So, finally when papa comes home he brings with him joy, happiness and lot of excitement for his children which makes there day but he comes at night... Joking papa will always carry a special place in our heart.

 **Prince Zod,**
First Year
Electrical Engineering




APPRECIATING AGRO

Do you read newspapers? Perhaps the answer may be yes! Have you ever noticed the frequent news about farmers committing suicides? And this put a big question mark on our faces. We haven't noticed, we have just read right? We all are indifferent to such things but they cause a great difference in our lives. Where does the yummy food of our lavish parties come from?

He has its roots from a farmer's family. Farmers are called the backbone of our nation's economy. Around 60% of India's population is involved in farming. And this is why we enjoy our food merrily. But have we ever thought of the turmoil's a farmer needs to face during yielding a single crop. They are readily commendable, working in the burring, continuously waiting day and night for harvest and the list goes on. It is lengthy and cumbersome process from ploughing, sowing. Irrigation to the end means harvesting the crop. Every single step involves so much of hard work, which results in a wide smile if the yield is perfect.

But what is today's scenario, a total somersault. Today's they don't have proper irrigation system, nor effective pesticides which pays off when the crop is set to be harvested. It doesn't meet their demands be it psychological or financial. These causes them to leave their families caught in the money of sorrow trap.

So, just want to convey that respect them for their work because without them life won't work.

 **Abhinav .K. Sawarkar,**
First Year

Electronics and Telecommunications Engineering



IT ALL STARTED...

It all started with cup of tea,
Under the shed of yellow flower tree,
Gossips about today and little history,
Like long last soul mates,
Who were set free?
Sharing the French fries,
With the cold coffee,
Planning the trips, as there was no
boundary,
And living like free birds we wrote life time
memory.

🚩 **Arti Pawar,**
Third Year
Electrical Engineering



“Success is the key frame of life”
The things that are round keep it bound,
Keep the friends and be the grand,
What you are let it be,
No more distractions and no more
restrictions.
Target your bowl and achieve the goal.

Don't be sinful be the grateful,
Don't be backward, be the forward,
Don't be guy be the pi,
Don't be rook be the brook,
Struggle more and get more,
Then target your bowl and achieve the goal.

🚩 **Himani P. Zandani**
First Year
Electronics and Telecommunications



TEACHERS

You gave us lots of happiness that never ends,
You made us like a star that shines and blow like colorful flowers,
You mould our characters even during wrong parameters,
 You made us Ah when taught those laws,
 You made us ready when we didn't study,
We treat ourselves when we would be out,
 But still you made us trust in the first,
When we were alone you helped us in that zone,
 Teachers we also care for you,
So keep smiling not in videos, not in radios,
 But, in real meadows.

✚ Himani P. Zandani,
 First Year
Electronics and Telecommunication Engineering

STILL WAITING

Still waiting humbly...
Still waiting my name to really mean...
Still waiting to succeed from my broken gleams....
Still waiting to find my better whole...
Still waiting to judge by the soul...
Still waiting to be reason of someone's smile....
Still waiting to understand the destiny's guile....
Still waiting to travel a path being shared...
Still waiting to be truly loved and cared....
Still waiting to have no more of regrets....
Still waiting to overcome my past threats...
Still waiting to happily shed into tears....
Still waiting to cope with all my fears....
Still waiting to be blessed in life...
Still waiting to give a purpose to my life...
Still waiting to give up all my hesitation...
Still waiting to be an icon of my nation....
Still waiting to fly high and high...
Still waiting to be relived from this sigh....!!!!

✚ Mansi Dabhade

Third year

Electronics and Telecommunication Engineering



DEAR SOCIETY

Dear society
Thank you
For making me realize
That I am fragile...But now
I know my might
Beyond all my weakness

Thank you
For restricting me,
With all your stereo type thinking but now,
I won't fear anymore
To cross all those hurdles cause I am being used to them

Thank you
For burning all my dreams
Into ashes...But now,
I will re-emerge
From them as a phoenix

Thank you
For turning my screams,
Into silence,
But now,
I will turn my clouds of sorrow
Into rains of joy and happiness

Thank you
For all your kind intrusion,
In my life...But now,
I won't mind
"Log Kya Kahenge?" Anymore

 Nikita Bhansali

Second Year

Computer Science and Engineering

A JOURNEY TO THE IMAGINARY WORLD....

I remember, my parent including my grandparents sometimes they used to take me to visit the gardens near my house. One of my happiest childhood memories is of crouching next to the ponds mesmerized by the brilliantly colored water animal swimming slowly beneath the water lilies. In these quite moments, I felt free to let my imagination wonder, I would ask myself silly questions that only child might ask such as how the water animals in the pond view the world around them. Let us name the water animal as a corp. I thought what a strange world they must be living their entire life in the shallow pond, the corp would believe that their universe consisted of murky water and Lilies. Spending most of their time foraging on the bottom of the pond, they would be dimly aware that an alien world would exist above the surface. The nature of my world was beyond their imagination. I was fascinated about the fact that I would sit only a few inches from the corp. I once imagined that they would be a crop scientist living among the other water animals. To the crop scientist the only thing that was real was what the fish would see or touch.

Once was caught in the rain storms. I noticed that the pond surface was bombarded by thousands of tiny rain drops and the pond surface became destructive. This experience of destructive waves for the crop scientist must be like solar storms in our solar system. An unseen world beyond the pond made no scientific sense to the crop scientist until he experienced something like magical uplift by some unbounded energy. I wound further more that how all this appeared to the crop scientist. Their scientist would connect a clever invention called a force in order to hide their lilies would move without being touched because a mysterious invisible entity called a force acted between them. Once I imagined what would happen if I reached down and lifted one of the crop scientists out of the pond. Before I threw him back into the water he might wiggle furiously as I examined him. After collecting his wits the scientist would tell a truly amazing story about a mysterious nether world with blinding lights and strangely shaped objects.

Well now coming back from the world of imagination. If we compare we too live in our own pond and we are confident that our universe consists of only those things which we can see or touch. This is my imagination which is vaster than my world power of expressing it in form of this article.

 **Shantanu A. Nashine**

First Year

Information Technology Engineering

It's up to you

One word can tell a story, one idea can make a chance.
One song can create a moment; one sound can wake the dream.

One smile begins a friendship; one word can create a fight.
One candle disappear the darkness, one spark may burst a flame.

One hope will raise our spirits, one step must start new journey.
One star can show the way to home, one dream can live destiny.

One voice can spark a change; one heart can understand the nation.
You see, it's up to you to make the change.

Meharpriti W. Mune
Final Year
Electronics and Telecommunication Engineering

7 amazing facts about the Meditation

Meditation which is derived from Latin word *meditatio*, which means "to think". So it is a practice in which one can train their mind so as to leads peaceful thoughts and can reduce the stress. Which can be perform by sitting at quiet surrounding, closing the eyes and repeating the mantras. Meditation is often mysterious and strange for many. Here are the 7 amazing facts about the meditation.

1. Improves brain function:

Neuroplasticity is a term which describe that the brain changes its structure throughout the life. MRI revealed that meditation can make the cortex of brain thicker which associates with attention, interception and sensory processing. Long term meditation increase the mass and density of grey matter which can help for muscle control, sensory perception includes seeing & hearing, memory emotions, speech decision making and self control.

2. Slow down aging process:

How can sitting still & focusing on breath slowdowns the aging process, perhaps it at cellular level its affects the telomere. Telomere which protects the end caps of DNA which decides the aging of human. Being immortal is impossible but by meditation we can slow down the aging process.

3. Improve the ability of multitask:

In day to day life, Multitask creates messiness in our work, but by meditation we can improve the ability to do multitask. A study by Washington University shows that meditation improves the ability of multitask. By performing mindfulness mediation which is a one of type of meditation, it is found that it can improve the ability to multitask. The reason is as by the meditation one can easily find the distraction without losing the attention or focus on main task.

4. Reduces the pain:

The Meditation can reduce the pain perception effectively than by the Morphine. The Wake Forest Baptist University found that the meditation can reduce the pain perception intensity by 40% to 57% whereas Morphine reduces it only by 25%.

5. It makes better student:

One scientific study shows that student who practices meditation makes them reduce absences by 25% also lower the rule breaking. It also help student to acquire skills easily and understand more and it could be the reason why many school makes meditation as a part of their syllabus.

6. It reduces racial prejudice:

The meditation can reduce the racial prejudice. By practicing the meditation research shows there is significant reduction in bias score basically it creates more emotions like love & gratitude.

7. Saves money:

Meditation helps you to avoid disease like asthma, depression. Heart disease, high blood pressure and even more it reduces the pain. Meditation is like investment which reduces your

costly prescription drugs and helps you to save money. If you wanted to save more then start investing meditation from now. So these are the 7 amazing Facts about the meditation.

Raj Harne
Final Year
Electronics and Tele-Communication

I think too much

I think too much,
But dream to less,


I do enough,
At least I guess,

My mind keep running,
But I really should care less,

Now knowing where its running,

Almost making me feel depressed,

It keeps me up at night, and make me feel so stressed,
But I know that thinking too much, is better than thinking too less...

 **Milind choudhari**
Third Year
Electrical Engineering

You never know.....

Sometimes we feel that life is actually the way we wanted. Everything is according to our plan. We can frame our destiny. We are our own God. But then suddenly, something happens that makes you realise that you are wrong.

Human could never know the future and will never be able to decide his destiny. It is seriously true that you never know what is about to happen.

A moment will come in your life that will change everything.

Whenever human tries to consider himself above all or whenever he tries to think himself as the creator or generator, the one watching all of us does something to make him realise that sorry boss, you are on the wrong track.

This is just to make him understand that life is like an ECG machine, the highs and lows indicates that you are still alive man!! On contrary a straight line indicates nothingness.

So, whenever, you encounter such 'You never know moments', take a chill pill and thank god that you are still alive and breathing.

Yash Gyanchandani
Second Year
Electrical Engineering

The unseen and unknown

What is it that is unseen and unknown?

Many of us must be pondering but let me tell you all it is nothing but our future. Humans are regarded as the most powerful of all living organisms but according to me they are the weakest of all what makes them weak is their fear of the unseen and unknown. They are always afraid of the upcoming days. Human is busy planning his future and wastes his time over worrying about the thing, which cannot be controlled by him.

The point over saying these things is that, why should we get worry for something that isn't in our hand instead we must focus and on present and give our best level in the present. This will eventually lead to a better future. As it is said that, "A bird in hand is worth two in the bush" going with it we should be satisfied and work with whatever we have with us rather than aiming for what we haven't seen.

All that I wanted to convey through this was that worrying for the unseen and unknown won't take us anywhere instead it will make us directionless. So, start acting and living in the present so that it can improve you future.

Yash Dalal
Second Year
Electrical Engineering

SMILE A WHILE

Smile is a universal language of kindness, isn't it? Just a warm and you convey millions of thoughts without uttering a single word. It is the precious jewel that best suits to your face. A smile from heart to lips does all wrong right. It is a curve that sets all things straight.

If you smile, you pave way to new possibilities. Think! If you haven't smile at strangers, have you ever made such dear friends? Of course, no! A smiling face wins every heart. There are hundreds of languages in the world but a smile speaks them all.

So, please keep smiling, it doesn't add years to your life rather it adds life to your years.

Mayuri Chavan
Second Year
Electronics Engineering

Nothing to Say

We all live in an ever-dynamic world, although people today are so much self-involved but I still believe your surroundings shape you. Where would you like to be living? In a joint family or in a nuclear one? The ones having a joint family would say a single family and the ones staying in a single family would say an extended one. But would you all agree if I say everyone would love to stay in a place where they are respected, loved, taken care of and considered an important part of the family? Definitely yes!! It can never happen i.e., everyone needs to compromise somewhere or the other in an extended family, sorry! I am mistaken, not everyone only some selected ones. And when a person has to choose between being a father and a brother, I am left speechless. When a grandma has to choose among grandchildren, I am left speechless. When a mother has to serve her niece and nephew before her own children, I am speechless. When an aunt resolves a fight between the cousins and someone has to back-off, I am speechless.

Is it alright? Is a nuclear family better than a joint family? If you all think so, then please, you are wrong. Life is like a piano, the music cannot be played without black keys, in the same way a night compliments a day. Likely some tears garnish your memories with your family. If you still don't agree..... I am left speechless.

Prakhar Gangrade
Second Year
Information Technology

A Hazardous Habit

C_2H_5OH not mere a chemical formula but a deadly destruction which has destroyed many families and lives as well. To start up, what makes people drink alcohol to such extent? May be some financial crisis or family problem or just chilling.

But this chilling is a great disturbance to their families. It doesn't solve their problems instead adds to their misery. People happy either have too much to be happy about or too much to cry for. But both the reasons bring the same output i.e., ruinness. Everything gets ruined, their families, their business, their image, I mean everything. I have seen many drunkards sleeping on roadside or any railway station. This makes me feel so bad.... Their families waiting for them to return and they just lay there tension-free. What an irony!! It's a burning issue and needs to be solved immediately.

Such people should try to understand that drinking is not the solution instead it is a problem itself. So, if you really have tough times, spare yours precious moments with your family which is always by your side in all highs and lows.

Be with your family and be a family.

Vandan Bavaria
Second Year
Electronics Engineering

Independence in its True Sense....

And finally the day has come, to be specific "the only day" when we feel proud to be Indians, cherish our feat, achievements and remember our martyrs. The INDEPENDENCE DAY, What actually independence signifies? Is it freedom or right of speech, action education and the list goes on or it is just pinning the national flag and saluting it for the sake of being Indians.

We talk of these big things but are we capable of escaping from our small evils? What kind of small evils, right? Independence from evil facts occupying our mind, independence from selfishness, independence from duality, independence from hypocrisy, independence from betrayal, no one knows when and where it ends. The actual scene behind this all evils is the one played by our mind. It is so smart. It always thinks of its benefits, its welfare. If a particular person/thing does not make any good for it, it plans against him. Finally all it wishes is to be the best or just to escape the reality. Our mind always wants to escape the reality and live in the wonderful webs woven by it. It interprets innovating and draws comfortable conclusions so as to be always to be on safe side. We need independence from the clutches of this evil mind so that we live in reality, in the present and try to make it a better one. Independence in its true sense will be when we would be able to develop our decisive ability keeping in mind the good of not one but all.

Sayali Pusegaonkar, Second Year
Electronics and Telecommunication Engineering

TATTWADARSHI



Technical Section



Editorial

To myself I am only a child playing on the beach, while vast oceans of truth lie undiscovered before me. -Sir Issac Newton

This is what fascinates me more than what he meant by those three laws of motion. If he is that kid playing on the beach then maybe we are just fishes in that sea of undiscovered treasure, wandering around, knowing so little of the depth.

Some of us managed to give out their bubble of ideas and we got them here to splash on a piece of paper.

Here we come up with the new edition of Tattwadarshi with yet another compilation of write-ups from the students of our college across all the streams. This is a great platform for all of us in technical field to express ourselves and find familiar with technology. We received articles regarding various new inventions and theories. I appreciate them for taking time out of their academics and daily routine for this literary project.

We don't really come up with new theories but this section has its importance for students to showcase their 'out of the syllabus' knowledge. Apart from the academics, it made them think of the new age technology. I hope it may give birth to curiosity among readers as well.

I am grateful to all the contributors and members who gave their time in making this edition successful. I thank prof. S. Bhagat sir for all his advices and guidance to the Tattwadarshi team.

And remember,

We are the lost fishes,

Keep wandering

Keep wondering

Aditya khedkar

Third Year

Electrical Engg.

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SAMSUNG DEVELOPS BATTERY MATERIAL WITH 5X FASTER CHARGING

Recently, a team of researchers at the Samsung Advanced Institute of Technology (SAIT) developed a “graphene ball” a unique battery material that enables a 45% increase in capacity, and five times faster charging speeds than standard lithium-ion batteries. The breakthrough provides promise for the next generation secondary battery market, particularly related to mobile devices and electric vehicles. In its research, SAIT collaborated closely with Samsung SDI as well as a team from Seoul National University’s School of Chemical and Biological Engineering exploring Next Generation Battery Technology


Lithium-ion batteries were first commercialized in 1991, and widely applied to markets for mobile devices and electric vehicles. However, with standard lithium batteries requiring charging times of at least an hour to fully charge, even with quick charging technology, and considered to have reached their limit for capacity expansion, there have been numerous attempts to explore use of new innovative materials. Among the materials looked at, graphene has widely become the primary source of interest as the representative next generation material.

In theory, a battery based on the “graphene ball” material requires only 12 minutes to fully charge. Additionally, the battery can maintain a highly stable 60 degree Celsius temperature, with stable battery temperatures particularly key for electric vehicles.

In its research, SAIT sought for an approach to apply graphene, a material with high strength and conductivity to batteries, and discovered a mechanism to mass synthesize graphene into a 3D form like popcorn using affordable silica (SiO_2). This “graphene ball” was utilized for both the anode protective layer and cathode materials in lithium-ion batteries. This ensured an increase of charging capacity, decrease of charging time as well as stable temperatures.

Dr. Son In-hyuk, who led the project on behalf of SAIT, said, “Our research enables mass synthesis of multifunctional composite material graphene at an affordable price. At the same time, we were able to considerably enhance the capabilities of lithium-ion batteries in an environment where the markets for mobile devices and electric vehicles are growing rapidly. Our commitment is to continuously explore and develop secondary battery technology in light of these trends.”

SAIT’s research results are covered in-depth in this month’s edition of the science journal Nature Communications in an article entitled, “Graphene balls for lithium rechargeable batteries with fast charging and high volumetric energy densities.” SAIT has also filed two applications for the “graphene ball” technology patent in the US and Korea.

 **Abhishek Chaudhari.**
Third year
Electrical Engineering

BEAM OF INVISIBILITY COULD HIDE OBJECTS USING LIGHT

A material with random irregularities scatters an incident light wave into all directions. Once thought of as the province of only "Star Trek" or "Harry Potter" cloaking technologies could become a reality with a specially designed material that can mask itself from other forms of light when it is hit with a "beam of invisibility" according to a new study.

Theoretically, most "invisibility cloaks" would work by smoothly guiding light waves around objects so the waves ripple along their original trajectories as if nothing were there to obstruct them. Previous work found that cloaking devices that redirect other kinds of waves, such as sound waves, are possible as well.

But the new study's researchers from at the Technical University of Vienna, have developed a different strategy to render an object invisible --using a beam of invisibility.

Complex materials such as sugar cubes are opaque because their disorderly structures scatter light around inside them multiple times, said study senior author Stefan Rotter, a theoretical physicist at the Technical University of Vienna.

"A light wave can enter and exit the object, but will never pass through the medium on a straight line," Rotter said in a statement. "Instead, it is scattered into all possible directions."

With their new technique, Rotter and his colleagues did not want to reroute the light waves.

"Our goal was to guide the original light wave through the object, as if the object was not there at all. This sounds strange, but with certain materials and using our special wave technology, it is indeed possible," study co-author Andre Brandstotter, a theoretical physicist at the Technical University of Vienna, said in the statement.

The concept involves shining a beam, such as a laser, onto a material from above to pump it full of energy. This can alter the material's properties, making it transparent to other wavelengths of light coming in from the side.

"To achieve this, a beam with exactly the right pattern has to be projected onto the material from above — like from a standard video projector, except with much higher resolution," study lead author Konstantinos Makris, now at the University of Crete in Greece, said in a statement.

The pattern that is projected onto an object to render it invisible must correspond perfectly to the inner irregularities of that item that usually scatters light, the researchers said.

"Every object we want to make transparent has to be irradiated with its own specific pattern, depending on the microscopic details of the scattering process inside" Rotter said in a statement.

"The method we developed now allows us to calculate the right pattern for any arbitrary scattering medium."

Rotter and his colleagues are now carrying out experiments to see whether their idea will actually work. "We think that an experiment would be easiest to perform in acoustics," Rotter told Live Science. For instance, loudspeakers could generate sound waves to make a tube "transparent" to other forms of sound.

"For me, personally, the most surprising aspect is that this concept works at all," Rotter said.

"There may be many more surprises when digging deeper along these lines."

Eventually, similar research could also experiment with light, he said. Such work could have applications in telecommunication networks, Rotter said. "It is clear, however, that considerable work is still required to get this from the stage of fundamental research to practical applications," Rotter said.

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The scientists detailed their findings online Sept. 8 in the journal Light: Science & Applications.

 **Aditya dabade.**

Third year

Electrical Engineering

HOW THE IOT IS GETTING BETTER & BETTER IN JAPAN

Japan is a highly developed economy with a booming telecom industry as compared to India. Japan's Ministry of Internal Affairs and Communications (MIC) developed the u-Japan Policy early in 2004 to accelerate the realization of network access ubiquity, not only for users but also for smart devices. Its rapid development of the Internet of Things (IOT) not only embodies Japan's obsession with robotics and other cutting-edge technologies, but also reflects a practical mechanism to cope with its aging society through reduced human resource costs.

Business opportunities in Japan:

As is often the case with such matters, IOT commercial application began earlier in Japan than in Europe, where IOT hype crested in 2002 and washed away with very little progress being made. Japan, on the other hand, has been grinding out IOT applications slowly but steadily, with minimal hype. Today, there are more than 3.17 million individual IOT (SIM card) subscriptions in Japan. NTT DoCoMo has more than 1.5 million users, mostly from the sectors of transportation, surveillance, remote payment (including vending machines), logistics assistance, and remote metering. Although a late entrant, KDDI has focused on high speed, large-capacity IOT communications from the very beginning. It has acquired more than one million users in the transportation and logistics sectors through in-vehicle, small scale, lightweight, and low-cost IOT communications services. Soft Bank, as the most recent telco entrant, has a little more than 250,000 subscriptions; most of its relevant products involve consumer electronics, along with a small number of elevator surveillance and vending machine devices. Japan's telecom industry has high hopes for the Internet of Things. It is expected to boom in sectors such as telemetering, transportation management, e-payment, surveillance, digital signage, and data backup, thereby bringing huge business opportunities by creating new areas of growth in the already saturated Japanese mobile market.

Applications of IOT Japanese Implementing:-

Currently, the most popular IOT services in Japan involve vending machines, transportation management, surveillance, and e-wallet services.

Vending machines

Vending machines can be seen on almost every street corner in Japan's cities; their total number is estimated at five million. To increase efficiency, the Tobacco Institute of Japan (TIOJ) introduced IOT applications to their operation in partnership with NTT DoCoMo. It first implemented automatic inventory management through real-time wireless transmission of inventory status to ensure timely supply. It then devised transaction interfaces enabling e-wallet transactions through wireless communications, so that purchases could be made conveniently through mobile phones and contactless IC cards such as the Suica card. Furthermore, vending machines would no longer be vulnerable to underage users buying restricted goods, as minors could be identified through user information stored in electronic transaction devices. By

combining traditional vending machines with IOT applications, NTT DoCoMo has adopted a cross-industry business model that differs from traditional telecom services. First, they set access standards for the communications module, including 2G and 3G access, while directly buying communications modules made to these standards from equipment suppliers. They then bundled these modules with communications tariff packages and sold them to NTT Data, a system integrator (SI) of communications devices for vending machines. After integration, NTT Data sold them to, and installed and maintained them for, the TIOJ. This business model is used for most NTT DoCoMo IOT services, some of which involve SI management and service customization; industry customers may also directly pay the SI, who in turn pays the operator a communications fee.

Transportation management

Transportation management services can target companies or individuals. Hizen Transportation Co., Ltd., in Tokyo installed a company-wide IOT system for its long-distance trucks meant to ensure driver safety and reduce fuel consumption. Dubbed e-navi, it is a real-time operation management system that utilizes the NTT DoCoMo 3G network. Dashboard devices inform the driver verbally if the speed limit is being exceeded, while truck locations and operational habits are recorded in real time, enabling driver behavioral analysis and recommendation provision aimed at optimizing fuel economy. The best known individual transportation service is the G-BOOK navigator co-launched by Toyota and KDDI. According to a Toyota survey, all new vehicles will eventually issue an alarm if an accident occurs. With the G-BOOK system, when an airbag ejects, an alarm with GPS-coordinates is immediately sent to a rescue center. Authorities need no longer rely on phone calls from witnesses and passersby who often cannot precisely relay their location; delays are reduced and lives are saved.

Mobile Payment

Among e-wallet services provided by NTT DoCoMo and KDDI, the former's Osaifu-Keitai service is best known. This service originally provided mobile payment through Flica technology only. Currently, NTT DoCoMo is planning to develop "all-in-one authentication," an integrated work management service for individuals. It has already designed various application scenarios for this service, including clocking in, computer network access recognition, vehicle use for business purposes, lunch reservation, personal storage bin management, and public transportation, all of which can be implemented using handsets and associated IOT devices.

The future of IOT devices in All over the world:

Most current IOT applications, such as surveillance, billing, and payment, do not consume much bandwidth. In fact, more than half are supported by 2G networks; for those that require 3G support, a bitrate of 384Kbps is sufficient. However, Japanese telcos expect IOT-related video applications to multiply, as remote diagnosis and medical training are becoming commonplace. Remote video surveillance for transmission lines, emergency repair monitoring, and scheduling & control will be required for any smart power grid. In almost all smart cities, video-based city

security surveillance and management will be common. LTE, with its superior capacity, will better support the real-time IOT of tomorrow. Japanese IOT subscriptions are expected to grow by eight million over the next three years. Though exceeding the accumulated number of subscriptions over the past decade, this number is still conservative in a country with more than 100 million mobile subscribers. One hindrance to IOT adoption is that large industry players such as Panasonic and Toshiba already have their own data transmission protocols and standards; a unified standard for both would take a long time to achieve. Another hurdle is the fact that numerous industrial products are built to last decades, while most IT products are obsolete within five years; frequent retrofitting of an industrial device is impractical. The IOT value chain is also very long; cost efficiency improvements for communications products (such as communications modules) cannot be quickly realized for industry customers. While still committed to industrial development, operators such as NTT DoCoMo and Soft Bank believe that IOT applications can be scaled up quickly for consumer products such as digital photo frames, e-books, communications devices for children, and electronic pet collars. To promote IOT growth, Japan's communications industry is working to adjust its business model; measures include standardization of communications modules to attract more industries, strengthening partnerships to enter new industries, and shortening of the IOT industry chain so that costs are reduced and efficiency is enhanced.

Lessons for Indians:

Generally speaking, Japan's cautious approach to IOT has yielded a lead over the Western hares. Several lessons can be learned from Japan.

- The Internet of Things enables operators to create new revenue sources in an already fiercely competitive mobile market.
- Successful IOT promotion requires both technical and business model innovation. IPv6 and LTE have enhanced IOT applications, but a flexible business model is needed to stimulate cooperation between actors in the value chain.
- IOT developers must respect the industrial standards already in place; they should also focus on communications access layer services for the Internet of Things (the golden pipe strategy) as well as M2M modules and service gateways to facilitate operational management and maintain core competitiveness.

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 **Mansi Dabhade**
Third year

Electronics & Telecommunication Engineering

JUMPING SPIDER AND FLYING BEES: THE RISE OF BIO INSPIRED MICROROBOTS

Jumping robots spiders and swarms of robotic bees sounds like the stuff of science fiction, but researchers at the University of Manchester are already working on such projects and aiming to lead the world in micro robotics. But what will these kinds of robots be used for and is it something we should be worried? Dr. Mostafa Nabawy is the micro systems research theme leader at the University of Manchester's school of mechanical, aerospace and civil engineering. he is presenting some of his research , "SPIDERS ATTACK : The rise of bio-inspired micro robots" at the Manchester's industry 4.0 summit for robotic spider research they are looking at a specific species often jumping spider called phidippus regius. They have trained it to jump different distances and heights, recording the spider's every movement in extreme detail through high resolution cameras which can be slowed down.

Why jumping spider you ask? Unlike humans, there spiders can jump upto six-times langers than their own body length from standing start. In comparison, the maximum a human can jump is just one and half times.

Dr Nabawy says if we can perfect the waty spider jump in robots they can be used for a variety of different purposes in complex engineering and manufacturing and can be deployed in unknown environments to execute different missions. He added the ultimate aim is to create a robot bee that can fly independently and we are quite a long way into that project. But there are also many different opportunities for brilliant science and engineering outcomes along the way so it is a very exciting process. We are aiming to create the world's first robot bee that can fly unaided an unaccompanied. There technologies can also be used for many different applications, including improving the current aerodynamic performance of aircraft or imagine if the current trend of a declining bee population contunues, swarms of robots bee pollinating crops and flowers could become a reality. This may sound like something out of transformers film this is our ultimate aim but don't worry we are someway off swarms of flying mechanical beer and armies of mechanical spider robots.

Source:-

ACM Technews

 **Snehal G Dhamdar.**

Third Year

Electronics & Telecommunication Engineering

ENGINEERING CLASH

Since childhood, I've been listening to the fact that "If you study engineering, you will have a good future." Nowadays, many of us are forced to choose engineering after school by our parents who are by some reason under the illusion that it will lead to success.

The other day I read one article about engineering students which says that engineering students which says that engineers produced every year in India is more than the entire population of several countries of Europe. This made me feel like our engineer's life is as non-existent as a light ray in a dark hole and engineers can neither be created nor be destroyed, they just get transformed from one hell to another.

Despite of this, an engineer is able to relish the happiest moments of the life. Till now that I've experienced in engineering life is midnight coffee in exam time, long chats, crushes on seniors, nick-names, passing chits in classed writing on desks, struggle for internals marks, birthday bumps, empty pocket, and finally tears for love.

The so called 'engineers' is considered as being a field of brain, technical knowledge. As far as Indian students are concerned, engineering is no doubt the most sought after course. The reasons as to why engineering is the most popular course are many.

But honestly how many of you have asked yourself why you studied what you studied? What did you want to do in life? When you were in a school before the concept of earning money and going to work entered your mind? Is there any relationship between what you wanted to do, what you studied and what are you doing now? Be Frank with yourself and don't try to fool yourself. There are some who takes engineering because they actually like engineering and went to make career out of it but there are only a minority among the lakhs of engineering students. The majority of us join engineering with no interest as purpose.

India produces a lot engineering graduates but not engineers even an electrician know more about electrical wiring and installation for an average electrical engineering graduate.

I am not blaming the Indian education system but the syllabus of engineering is not designed as implemented to encourage original thinking; it encourages memorizing faults and theories; any creative and free, thinking student like me who likes engineering would find it difficult to stick to this pattern of education.

As a result, the course of study not only fails to generate interest in students who have chosen engineering under force, but it also actually destroys the enthusiasm of students who joined engineering with somewhat interest.

This is Of course my opinion, A little old fashioned may be, but something that everyone starts believing in down the line...



Adesh Rithe.

First Year

Electronics & Telecommunication Engineering


BLUE BRAIN

The Blue Brain project is the first comprehensive attempt to reverse-engineer the mammalian brain, in order to understand brain function and dysfunction through detailed super computer-based reconstructions and simulations.

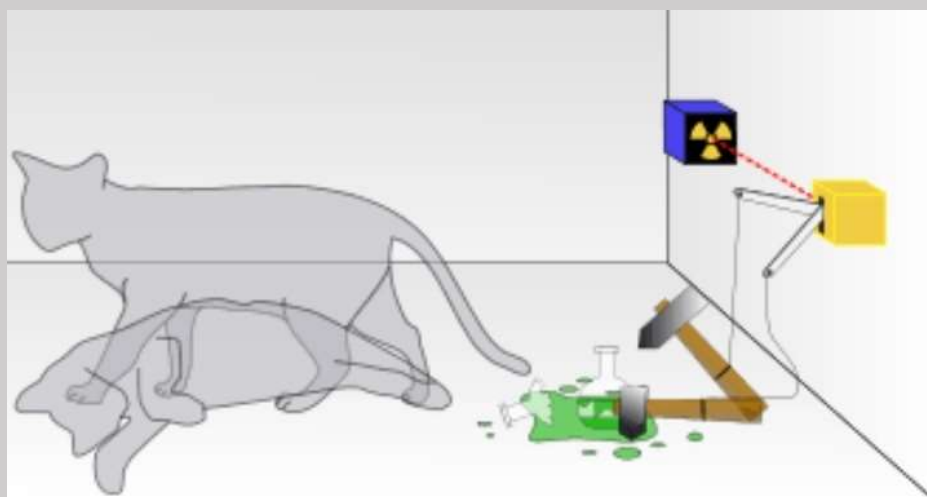
The project was founded by Henry Markram at the Ecole Poly technique Federale de Lausanne (EPFL) in Lausanne, Switzerland way back in May 2005.

Today we are developed because of our intelligence. Intelligence is the inborn quality that can't be created. Some people have this quality so that they can think to such an extent where others can't reach. Human society would always need such intelligence and such an intelligent brain. But the intelligence is lost along with the person after death. Virtual brain is a solution to it. The brain and its intelligence can be alive even after death.

Today scientists are carrying out research to create an artificial brain that can think, respond, take decisions and store information. The main aim is to upload a human brain into the computer, so that it can think, and make decisions without the presence of a human body. After death, this virtual brain can act as the man. So, even after the death of a person, we will not lose the knowledge, intelligence, emotions, and memories of a person and this can be used for various situations like to continue the pending work, to decide on something based on his/her area of expertise etc.

 **Shubham Gogulwar**
Third Year
Electrical Engineering

WHAT IS SCHRODINGER CAT THEORY?



Before directly going to the content let me introduce you to Dr. Erwin Schrödinger.

In 1926 Erwin Schrodinger explained the movement of electrons in an atom. He concluded that it was a wave of motion. He called this idea Wave Mechanics. His discovery was the first to explain the movement of electrons with visuals, and the second to explain the idea. In 1927, Erwin started working as a professor at the University of Berlin. But, he decided to leave in 1933 because of the Holocaust situation. That same year his friend, Paul Adria and he won the Nobel Prize in physics. They won this because they discovered new forms of the Atomic theory. Then, in 1940, he was brought over to Ireland where he helped establish the Institute of Advanced Studies. After it was finished he became the director of the school for theoretical physics. In 1944, Erwin wrote the book 'What is Life?' It was about the problems of genetics.

Erwin Schrödinger was born in Vienna on August 12, 1887 and was awarded the Nobel Prize in Physics in 1933. He is best known for his work regarding quantum theory, particularly about his thought experiment involving a cat in order to explain the flawed interpretation of quantum superposition.

The Copenhagen Interpretation of quantum mechanics essentially states that an object in a physical system can simultaneously exist in all possible configurations, but observing the system forces the system to collapse and forces the object into just one of those possible states. Schrödinger disagreed with this interpretation.


So what does this have to do with cats? Schrödinger wanted people to imagine that a cat, poison, a Geiger counter, radioactive material, and a hammer were inside of a sealed container. The amount of radioactive material was minuscule enough that it only had a 50/50 shot of being

detected over the course of an hour. If the Geiger counter detected radiation, the hammer would smash the poison, killing the cat. Until someone opened the container and observed the system, it was impossible to predict if the cat's outcome. Thus, until the system collapsed into one configuration, the cat would exist in some superposition zombie state of being both alive and dead.

You can consider this as same case as, Our Earth is going around the Sun and if all of a sudden the sun disappear then what will happen, of course we cannot find it practically but we can calculate it.

Of course, Schrödinger claimed, that was ridiculous. Quantum superposition could not work with large objects such as cats, because it is impossible for an organism to be simultaneously alive and dead. Thus, he reasoned that the Copenhagen Interpretation must be inherently flawed. While many people incorrectly assume Schrödinger supported the premise behind the thought experiment, he really didn't. His entire point was that it was impossible.

While it is true that modern experiments have revealed that while quantum superposition does work for tiny things like electrons, larger objects must be regarded differently.

 **Saurav choudhary.**
Second Year

Electronics & Telecommunication Engineering

SOPHIA

Nowadays technology is changing as time keeps changing and in this time technology should be with us and Sophia is one of the example among this technology. Sophia is a social humanoid robot developed by Hong Kong-based Company Hanson Robotics. Sophia was activated on April 19, 2015 and made her first public appearance at South by Southwest Festival (SXSW) in mid-March 2016 in Austin, Texas, United States. She is able to display more than 62 facial expressions.

Sophia has been covered by media around the globe and has participated in many high-profile interviews. While interviewers around the world have been impressed by the sophistication of many of Sophia's responses to their questions, the bulk of Sophia's meaningful statements are believed by experts to be somewhat scripted.

In October 2017, the robot became a Saudi Arabian citizen, the first robot to receive citizenship of any country. In November 2017, Sophia was named the United Nations Development Programme's first ever Innovation Champion, and the first non-human to be given any United Nations title.

History

Sophia was created by Hanson Robotics in collaboration with AI developers, including Google's parent company Alphabet Inc, who built her voice recognition system, and Singularity NET, which powers her brain.

Sophia was activated on April 19, 2015. The robot is modeled after actress Audrey Hepburn, and is known for its human-like appearance and behavior compared to previous robotic variants. According to the manufacturer, David Hanson, Sophia uses artificial intelligence, visual data processing and facial recognition. Sophia also imitates human gestures and facial expressions and is able to answer certain questions and to make simple conversations on predefined topics (e.g. on the weather).The robot uses voice recognition technology from Alphabet Inc. (parent company of Google) and is designed to get smarter over time. Sophia's intelligence software is designed by Singularity NET. The AI program analyses conversations and extracts data that allows it to improve responses in the future.

Hanson designed Sophia to be a suitable companion for the elderly at nursing homes, or to help crowd at large events or parks. He has said that he hopes that the robot can ultimately interact with other humans sufficiently to gain social skills.

Sophia has seven robot humanoid "siblings" who were also created by Hanson Robotics. Fellow Hanson robots are Alice, Albert Einstein Hubo, Bina48, Han, Jules, Professor Einstein, Philip K. Dick Android, Zeno, and Joey Chaotic. In December 2017, fellow Hanson robot BINA48 passed a

college course on philosophy and love taught by Professor William J. Barry at Notre Dame de Namur University. Its features include

Cameras within her eyes combined with computer algorithms allow Sophia to see. She can follow faces, sustain eye contact, and recognize individuals. She is able to process speech and have conversations using Alphabet's Google Chrome voice recognition technology and other tools. Around January 2018 Sophia work which allows input and responses to be analysed with blockchain technology.

David Hanson has said that Sophia would ultimately be a good fit to serve in healthcare, customer service, therapy and education. Sophia runs on artificially intelligent software that is constantly being trained in the lab, so her conversations are likely to get faster, Sophia's expressions are likely to have fewer errors, answer increasingly complex questions with more accuracy. It attain most media attention when it is exposed during UN meeting

 **Akshay Borle**

Third year

Electrical Engineering

INSIDE THE WEIRD WORLD OF QUANTUM COMPUTERS

What is quantum computing?

Quantum computing takes advantage of the strange ability of subatomic particles to exist in more than one state at any time. Due to the way the tiniest of particles behave, operations can be done much more quickly and use less energy than classical computers.

In classical computing, a bit is a single piece of information that can exist in two states – 1 or 0. Quantum computing uses quantum bits, or 'qubits' instead. These are quantum systems with two states. However, unlike a usual bit, they can store much more information than just 1 or 0, because they can exist in any superposition of these values.

"The difference between classical bits and qubits is that we can also prepare qubits in a quantum superposition of 0 and 1 and create nontrivial correlated states of a number of qubits, so-called 'entangled states'."

Advantages of Quantum Computing:-

- The main advantage of quantum computing is it can execute any task very faster when compared to the classical computer, generally the atoms changes very faster in case of the traditional computing whereas in quantum computing it changes even more faster. But all the tasks can't be done better by quantum computing when compared to traditional computer.
- In quantum computing qubit is the conventional superposition state and so there is an advantage of exponential speedup which is resulted by handle number of calculations.
- The other advantage of quantum computing is even classical algorithm calculations are also performed easily which is similar to the classical computer.


Disadvantages of Quantum Computing:

- The main disadvantage of computing is the technology required to implement a quantum computer is not available at present. The reason for this is the consistent electron is damaged as soon as it is affected by its environment and that electron is very much essential for the functioning of quantum computers.
- The research for this problem is still continuing the effort applied to identify a solution for this problem has no positive progress.

Application of Quantum Computing:-

1. Safer airplanes—Lockheed Martin plans to use its D-Wave to test jet software that is currently too complex for classical computers.
2. Discover distant planets—Quantum computers will be able to analyze the vast amount of data collected by telescopes and seek out Earth-like planets.
3. Win elections—Campaigners will comb through reams of marketing information to best exploit individual voter preferences.
4. Boost GDP—Hyper-personalized advertising, based on quantum computation, will stimulate consumer spending.

5. Detect cancer earlier—Computational models will help determine how diseases develop.
6. Help automobiles drive themselves—Google is using a quantum computer to design software that can distinguish cars from landmarks.
7. Reduce weather-related deaths—precision forecasting will give people more time to take cover.
8. Cut back on travel time—sophisticated analysis of traffic patterns in the air and on the ground will forestall bottlenecks and snarls.
9. Develop more effective drugs—By mapping amino acids, for example, or analyzing DNA-sequencing data, doctors will discover and design superior drug-based treatments.

 **Atharvasingh Bais**
Second Year
Mechanical Engineering

KEY CHALLENGES OF INTERNET OF THINGS (IOT)

Recently, i visited the exhibition which talks about features, advantages, application & many more things about the Internet of Things (iot) and how it will impact the future.

Firstly, what is Internet of Things (iot) is, According to Dell, the Internet of Things (IoT) is an ecosystem where sensors, devices, and equipment are connected to a network and can transmit and receive data for tracking, analysis, and action.

With the boom of features & application, the iot is come up with few key challenges which need to resolve,

Security- According to the statistics & survey of various agencies more than 30 billion connected devices will be by 2020. With the increasing the number of connected devices the security of such a large data will be more difficult. The inadequately protected devices can expose the data to the third party. Sometimes this data can be related of someone's health issue, explosion of such data could harm the society. In order to avoid such a major issue strong security protocols is necessary.

Privacy-

The Internet of Things (iot) will come up with its own privacy issue, this will become more relevant to consumer electronics such as tracking of physical devices as it will be constantly connected & communicated with the internet. The Tracking of those devices could create major privacy issue.

In future the voice recognition & vision processing will come to picture. The voice & images is to be send on cloud for processing with the help of third party. Collection of those data the will lead to the legal challenges facing data protection and privacy law.

Standard-

For the Inter-operability of the iot devices should have open standard. We need to develop the common platform on which all are agreed-upon then the Interoperability & communication of device with other can be possible. Also for the growth of the internet of things common platform id necessary. Without a standard it is difficult to manufacture the product for the firms.

Storage Issue- Already the major tech firms are having the challenges issue of data storage, A single corporation like Google occupying the thousands of square feet land for storage purpose. As mentioned earlier as much devices will generate the tremendous data and storage of such a huge data will face the challenge.

Battery- Smart devices are smaller, but it want longer battery life. That means batteries need to store more energy per unit volume. So for facing this challenge the revolution in battery technology is necessary.

Energy Demand- The IEA estimates that, in 2013, total world energy consumption was 9,301 Mtoe, or 3.89×10^{20} joules, equal to an average power consumption of 12.3 terawatts. With the increase in internet connected devices the need of energy will be huge. Even with improved & reliable batteries and green sources like solar and wind, just meeting the demand will be difficult. Powering the IoT could become a major social problem in its own right in the future.

Depending on the how we handle such a challenges how we will shape are future in Internet of Things (iot) generation.

 **Raj Harne**

Final Year

Electronics and Tele-Communication Engineering

TATTWADARSHI



संस्कृतम् विच्छेद

महाराष्ट्रराज्यम् (Maharashtra)

महाराष्ट्रराज्यम् भारतस्य पश्चिमदिशि विद्यमानं किञ्चन राज्यम् अस्ति, मुम्बई इति महाराष्ट्रराज्यस्य राजधानी । अन्यानि नगराणि नागपुरं, पुणे, सोलापुरम् इत्यादयः । भारतस्य विस्तारे ९.८४% विस्तारः महाराष्ट्रराज्यस्य अस्ति । राज्यस्य पश्चिमदिशि अरबी समुद्रः वर्तते । मुम्बई महाराष्ट्रराज्यस्य राजधानी, नागपुरनगरं महाराष्ट्रराज्यस्य उपराजधानी । महाराष्ट्र-राज्यं भारतस्य पश्चिमदिशि स्थितम् अस्ति । इदं राज्यं ३,०७,७१३ चतुरस्रकिलोमीटरमितं विस्तृतम् अस्ति । क्षेत्रफल-दृष्ट्या भारतस्य बृहत्तमेषु राज्येषु तृतीयम् अस्ति । जनसङ्ख्यादृष्ट्या च भारतस्य बृहत्तमेषु राज्येषु द्वितीयम् अस्ति । भारतस्य पश्चिमतटे स्थितः अरब-सागरः महाराष्ट्रराज्यस्य आधारभूतः अस्ति । अस्य राज्यस्य तटवर्तिकेन्द्रं ५६० किलोमीटरमितं दीर्घं, ८० किलोमीटरमितं विस्तृतं च अस्ति । तटीयमार्गस्य नाम “कोङ्कण” इति । इदं राज्यम् अरबसागर-सह्याद्रिपर्वतशृङ्खलयोः मध्ये विराजते । गोदावरी-नदी, भीमा-नदी, तापी-नदी, वैनगङ्गा, पेनगङ्गा, गिरना इत्यादयः महाराष्ट्रराज्यस्य प्रमुखाः नद्यः सन्ति । नाशिक-नगरस्य समीपं त्र्यम्बकेश्वर-पर्वतः गोदावरी-नद्याः उद्गमस्थलं वर्तते । गोदावरी-नदी भारतस्य दीर्घतमासु नदीषु द्वितीया अस्ति । एवं च दक्षिणभारतस्य दीर्घतमा नदी अस्ति । भीमा-नदी कृष्णा-नद्याः प्रमुखसहायकनदीत्वेन अस्ति । भीमशङ्कर-स्थलम् भीमा-नद्याः उद्गमस्थलम् अस्ति । कृष्णा-नद्याः उद्गमः महाबलेश्वर-पर्वतस्य उपह्वरात् भवति । पूर्णा-नदी, पञ्चगङ्गा-नदी, दुधाना-नदी च कृष्णा-नद्याः सहायकनद्यः सन्ति । महाराष्ट्रराज्यस्य जनसङ्ख्या(२०११) ११२,३७४,३३३ कोटी अस्ति । भारतीयस्वातंत्र्यसङ्ग्रामे महाराष्ट्रराज्यस्य मुम्बईनगरस्य च योगदानम् अपूर्वमासीत् । काङ्ग्रेस इत्यस्य प्रथमं सम्मेलनं अत्रैव अभवत् । तथा हि महात्मागान्धीमहोदयेन ९ अगस्त १९२४ दिनाङ्के अत्रत्यगोवालियाटैङ्कतः 'मुच्यतां भारतवर्षम्' इति घोषणा दत्ता आसीत् । तदा समग्रः देशः रोमाञ्चितः अभवत् । स्वातंत्र्यपूर्वकालादारभ्य समाजसुधारणास्वपि सकलं महाराष्ट्रराज्यम् अग्रणीः आसीत् । यतः महात्मा फुले, राजर्षिशाहु, डॉ. आम्बेडकरमहोदयसदृशाः अग्रगण्याः समाजोद्धारकाः महाराष्ट्रराज्यमिदम् अलङ्कृतवन्तः । लोकमान्यतिलकसदृशाः अभूतपूर्वाः राष्ट्रियनेतारः अत्र जन्म प्राप्तवन्तः । १ मे १९६० दिनाङ्के महाराष्ट्रराज्यं निर्मितम् । ततः प्रभृतिः राज्यमिदं प्रगतिपथे एव अस्ति ।

आनंद खरात.

द्वितीय वर्ष

परमाणु व दूरसंचार अभियांत्रिकी

भारतीयसंस्कृतिः (Culture)

पुरातनः इतिहासः, अनन्या भौगोलिकरचना, वैविध्यमयाः जनसमूहाः, धर्माः, विभिन्नाः सम्प्रदायाः, अनेके उत्सवाः, नैकानि आचरणानि, प्राचीनपरम्परा, परितः विद्यमानानां देशानां प्रभावः – एवं विभिन्नाः विषयाः भारतीयसंस्कृतिम् अरचयन् । सिन्धुखाततः आरब्धा भारतीया संस्कृतिः वेदकाले महता प्रमाणेन विकसिता अभवत् । बौद्धधर्मस्य उन्नतिः-अवनतिः च, भारतस्य सुवर्णयुगं, यवनानाम् आक्रमणं, यवनानां शासनं, अन्यदेशीयानां शासनम् इत्येतेषु कालेषु भारतीयसंस्कृतेः विस्तारः, विविधता च अधिका अभवत् । भारतस्य धार्मिकाणि आचरणानि, भाषाः, पद्धतयः, सम्प्रदायाः च गतेभ्यः ५००० वर्षेभ्यः अस्याः अनन्यसंस्कृतेः साक्षिरूपेण सन्ति । विभिन्नानां धर्माणां, सम्प्रदायानां संयोजनम् अपि जातम् अस्ति भारतीयसंस्कृतौ । एतस्याः संस्कृतेः प्रभावः जगतः अन्यासां संस्कृतीनाम् उपरि अपि जातः अस्ति महता प्रमाणेन । हिन्दुधर्मस्य, बौद्धधर्मस्य, जैनधर्मस्य, सिख्-धर्मस्य जन्मभूमिः भारतम् । समग्रे विश्वे एव अब्रह्मं धर्माणाम् अनन्तरस्य स्थानम् अस्ति भारतीयधर्माणाम् । तत्रापि हिन्दुधर्मः जगति एव तृतीयः महाधर्मः । चतुर्थे स्थाने अस्ति बौद्धधर्मः । एतयोः द्वयोः धर्मयोः अनुयायिनः १.४ शतकोट्यपेक्षया अधिकाः सन्ति । भारतं विश्वे एव महान् धार्मिकवैविध्यतायाः देशः । अत्रत्यानां जनानां जीवने अद्यापि धर्मः निर्णायकं पात्रं निर्वहति । भारतस्य पमुखः धर्मः हिन्दुधर्मः । यतः अत्रत्यायाः जनसंख्यायाः ८०.४ % अपेक्षया अपि अधिकाः हिन्दुधर्मम् अनुसरन्ति । १३.४% जनाः इस्लां धर्मम् अनुसरन्ति । सिख्-जैन-बौद्धधर्माणां जनाः न केवलं भारते अपि तु विश्वस्य सर्वेषु भागेषु व्याप्ताः सन्ति । विश्वस्य अन्येषां मतानां क्रैस्त-झोराश्ट्रियन्-यहूद्य-बहायि-मतानाम् अनुयायिनः अपि अल्पप्रमाणेन सन्ति अत्र । तैः सह एव नास्तिकाः आज्ञेयतावादिनः अपि सन्ति भारते ।

आदित्य खेडकर
तृतीय वर्ष
विद्युत अभियांत्रिकी

कृषीवलः (Farmer)

भरतदेशः ग्रामाणां दशः।अत्र कृषिकर्म एव प्रधानः।सः सकलस्य देशस्य अन्नदाता भवति।सः वृष्टयतपन् अविगणय्य क्षेत्रे आदिनं कर्यं करोति। सः प्रतःकाले सुर्योदयात्पूर्वमेव शयनादुत्तिष्ठति।क्षेत्रं गच्छति।हलात् क्षेत्रं कर्षति।समये विजानि वपति।क्षेत्रं पुत्रवत अहोरात्रं रक्षति ।बीजाअनडकुरितानि सस्यनि जलेन सिञ्चति।सस्यसंवर्धने बधाकानि तृणादीनि उन्मूलयति।सयनि वर्धयित्व फलितनि करोति।पक्केभ्यः फलेभ्यः धान्यकणान् संगृह्णाति।गृहं प्रत्यावश्यकं धान्यां निवेश्य आधीकं धान्यं विपण्यां विक्रीणाती।कृषीवलस्य भार्या अपि कृषीकर्येषु पत्युः सहाय्यं करोति।सा अपि क्षेत्रं गत्वा भर्तुः सहकर्मचरि भवति।किन्तु आस्माकं देशे कृषीकर्म वृष्टयधीनम्।यत्र नदीनां सरसां च समीपे क्षेत्रं वर्तते तत्र क्षेत्रस्य कृते जलसौलभ्यम् आधिकम् ।तत्र कुल्याः कृत्वा क्षेत्रं काले जलेन सिञ्चति ।केषुचित्क्षेत्रेषु इदृशं सौकर्यं न प्राप्यते।तद जलं दूरादानेतव्यम्ः क्षेत्रं च सेचनीयम्।कृषीफलं च प्रप्यम्।एवं कृषीवलः आवर्षं क्लेशं विषह्य लोकाय अन्नं ददाति।अतः अन्नदतां इति तस्य सार्थकं नमः ।इदानीतनदिनेषु अनावृष्टिरधिका वर्तते। अन्नदतुः परिस्थितिः शोचनीया वर्तते।सर्वकारः तस्य साहाय्यार्थं यद्यपि प्रयतते तथापि तस्य कष्टं न दुरीकृतम्।आस्यां दिशी सर्वैः प्रयतितव्यम्।सहनुभूत्या च वर्तितव्यम्।

आत्मानंद गोरे
द्वितीय वर्ष
परमाणु व दूरसंचार अभियांत्रिकी

क्रिकेट (Cricket)

क्रिकेट -क्रीडाया जन्म प्रायेण षडशतवर्षेभ्यः पूर्वम् अभूत् । इंग्लेण्डस्थे एडवर्ड प्रथमस्यैकस्मात् संग्रहात् प्राप्ताया दैनन्दिन्या इदम् अवगम्यते यत् क्रिकेटस्य सर्वतः प्रथमं क्रीडनं केण्टस्थिते निवेण्डने त्रयोदश्यां शत्यां समपद्यत इति । आक्सफोर्ड-पुस्तकालयस्य भित्तौ एकं चित्रम् आचित्रितं विद्यते यस्मिन् द्वौ क्रिस्तधर्मगुरु क्रिकेटं क्रीडमानौ चित्रितौ स्तः । एताभ्याम् अपि अस्याः क्रीडायाः प्रारम्भविषये ज्ञातुं शक्यते । सर्वप्रथमं 'क्रिकेट' -क्रीडार्थम् एकस्याः अण्डाकारस्य वृत्ताकारस्य वा शाद्वलिताङ्गणस्य आवश्यकता भवति । अस्य आयाम-विस्तार-व्यासानां विषये नास्ति कश्चन विशिष्टः नियमः । अस्मिन् क्रीडाङ्गण(प्ले ग्राउण्ड)क्षेत्रे स्वल्पानि तृणानि अवश्यं कर्तितानि भवन्ति । उभयतः जवनिका पटो वा निबद्धयते । पटयोः मध्ये तृणकर्तनपुरस्सरं भूमिः समतला विधीयते । तस्यां 'धावनस्थली' निर्मियते यत्र कन्दुकप्रक्षेपो भवति । इदमङ्गणं ६ संख्यकाः क्रीडका एव स्वाधिकारे रक्षन्ति । क्रीडकसंख्या दलव्यवस्था च अस्यां क्रीडायां दलद्वयं भवति । प्रतिदलं ११-११ संख्याकाः क्रीडकाः क्रीडन्ति । तेषु प्रत्येकं दलस्य एकः नायको भूत्वा स्वं स्वं दलं नियन्त्रयति । दलनायकौ सम्भूय क्रीडासमयं निर्णयतः । क्रीडायां नियमानां यथावत् संरक्षणाय द्वौ निर्णायकौ (अम्पायर) भवतः ययोः निर्णयः द्वयोरपि दलयोः कृते मान्यो भवति । क्रिकेट-क्रीडा साम्प्रतं विश्वव्यापिनी विद्यते । अस्यां क्रीडायां जनरुच्यनुसारम् अनेके नियमाः यथावसरं परिष्क्रियन्ते, परिवर्त्यन्ते । बहवः नियमाः तु सूक्ष्मतमाः सन्तः अतीव महत्त्वं भजन्ते । क्रीडेच्छावतां निपुणानां क्रीडकानां साहचर्येण ते ज्ञातव्याः परिपालनीयाश्च । तथाऽपि अत्र निर्देशरूपेण केषाञ्चन सूचनाः उपस्थाप्यन्ते ।

अजय ठाकुर

द्वितीय वर्ष

परमाणु व दूरसंचार अभियांत्रिकी

TATTWADARSHI



اردو سیکشن



ہندوستانی سینیما اور بڑھتاہوئی راجان

ہمارے ملک کو آزاد ہوئے 70 سال ہو گئے۔ اس سے قبل ہم انگریزوں کے غلام تھے لیکن آج ایک آزاد مملکت میں ہے۔ آزادی کا معنی کھانے، پینے، چلنے، بولنے، پڑھنے اور سوچنے میں خود مختار ہونا۔ ذرا غور کریں کیا ہم یہ آزادی رکھتے ہیں کیا ہماری سوچ، ہماری فکر اور سب سے بڑھ کر ہماری ذہنیت آزاد ہے۔ ہم جسمانی طور پر تو انگریزوں سے آزاد ہے لیکن ہمارا ذہن آج بھی انہی کا غلام ہے وہ کہتے ہیں we“sternization نا

جی ہاں یہ westernization ہی تو ہماری رگوں میں اس طرح دوڑتاہیں کہ ہم کھائے تو Mc Donald's، پئے تو Pepsi، پہنے تو Addidas، سنے تو Justin Bibber کو دیکھے تو Spiderman, superman اور X-man اور اگر ہم نا بھی سنے، نا بھی دیکھے تو ہماری فلم انڈسٹری ہمیں وہ کچھ دکھاتی ہے جو نا صرف ہماری روح میں ہلچل پیدا کرتا ہے بلکہ ہمارے معاشرے کی دھجیاں بکھیر دیتا ہے۔

ایک زمانہ ہوا کرتا تھا جب قوم کے اطوار اس قوم کے بڑے مفکر اور مصنف طئے کیا کرتے تھے۔ اب بھی صورت حال وہی ہے، فرق ہے تو بس یہ کہ اب ان مفکروں کی جگہ ہماری فلم انڈسٹری کے گھٹیا اور نامراد story writers نے لے لی ہے جس کا معاشرے پر کافی بے ہودا اور ہولناک اثر ہوا ہے۔ آج کل ہماری فلموں میں آزادی کے نام پر بے حیائی، فحاشی اور ننگ پن کے علاوہ کچھ نہیں دکھتا۔ اور اگر یہ سلسلا یوں ہی چلتا رہا تو ہمارا معاشرہ انسانی معاشرہ کھلانے کے لاپک نہیں رہے گا۔ اور پھر ہماری منافقت تو دیکھیے، نوجوانوں کو سینیما گھروں میں سنی لیون دکھا کے ہمرونا روتے ہیں، بڑھتے عصمت دری کے واقعات کا۔

سوچا جائے تو اجیب لگتا ہے کہ ہماری فلم انڈسٹری کو ہندوستانی کہا بھی کیوں جائے کہ اس کو چلانے والے غیر ملکی، اسکے اداکار غیر ملکی، اس کی تہزیب، اس کی سوچ، اس کی فکر مغربی۔ فلمیں تو اپنے علاقے، اپنے ملک کی تہزیب کو بیان کرتی ہے۔ لیکن اب ہندوستانی معاشرہ فلمی تہزیب کو برائے نام آزادی، اپنائے جا رہا ہے۔ اور پھر درندگی کے وہ واقعات سامنے آتے ہیں جو ہمارے ذہنوں کو جھنجوڑ کے رکھ دیتے ہیں۔ پھر نظر آتے ہیں وہ نامور فلمی ستارے جو اس درندگی کی مزاحمت کرتے ہیں یہ زہر بیچ کے اموات کاماتم کرنے والے وہی ہیں جو ہماری تہزیب کی نائو ڈبوں کی پوری تیاری کر چکے ہیں۔ یا پھر یہ وہ لوگ ہیں جو ثابت کرنا چاہتے ہیں کہ فحاشی کا اور بدکاری کا copyright صرف گوروں کا نہیں ہے۔

ہمیں اگر اپنی فلموں سے کچھ سیکھنے ملتا ہے تو وہ ہے زنا کاری، بے ہودگی اور بے حیائی، جہاں عورت کو ہاتھ کا کھلونا سمجھا جاتا ہے۔ ہاتھ کی کٹھپتلی، انگلیوں پر ناچنے والی کوئی چیز۔ لیکن ہندوستانی تہزیب تو ہمیں عورت کی عزت کرنا سکھاتی ہے۔ جہاں عورت کو پاک و مقدس سمجھا جاتا ہے شاید یہ عزت و پاکیزگی ہم عورتوں کو راس نہیں ہے۔ شاید خود کی نمائش لگانا ہمیں عزت کی بات لگتی ہے تھی تو ہماری فلموں میں فحاشی کا چلن اس قدر جلدی عام ہو گیا ہے۔ لیکن جتنی جلدی یہ عام ہو گیا ہے اتنی ہی تیز رفتاری سے ختم نہیں ہوگا۔

شاید اسی دن کے لیے شاعر نے کہا تھا کہ،

نہیں درس دیتا ہے ہمیں شام کا سورج،

مغرب کی طرف جاو گے تو ڈوب جاو گے

سعدیہ خان

سیکنڈ ایر۔ الیکٹرکل

نقل کا بڑھتا رجحان

ہندوستان کے تعلیمی نظام سے ہم سب اچھی طرح واقف ہے۔ اس میں کئی قسم کی خرابیاں ہیں جس پر توجہ نہیں دی جاتی۔ متوسط طبقے کے افراد جو کہ علم کے حصول کے لیے زیادہ کوشاں رہتے ہیں اس صورت حال سے بہت پریشان ہیں۔ تعلیمی نظام سے مراد ہے کہ کسی معاشرے کو بہتری کی بنیاد فراہم کی جائے۔ لیکن آج کا افسوس ناک امر یہ ہے کہ امتحانی مراکز بھی خریدے اور بیچے جا رہے ہیں۔ جہاں طلبہ دھڑاکے سے نقل کرتے ہیں۔ امتحان میں کامیابی کے لیے نا جائز ذرائع استعمال کرتے ہیں۔ نقل کے رجحان کا ایک سبب والدین کی طرف سے بہترین گریڈ اور نمایاں کامیابی کا دباؤ بھی تصور کیا جاتا ہے۔ والدین کو اس سے کوئی غرض نہیں کہ سارا سال انکے بچے کتابوں کو کتنا وقت اہمیت اور توجہ دیتے ہیں۔ اور کتنا وقت غیر نصابی سرگرمیوں میں گزارتے ہیں۔ لیکن امتحان قریب آتے ہی والدین بچوں کے اعصاب پر سوار ہو جاتے ہیں اور ان سے بہترین نتائج کی امید لگاتے ہیں۔ یہ سلسلہ اس وقت تک جاری رہے گا جب تک اس کے خلاف شعور و آگاہی کا آغاز نہیں کیا جاتا۔

آج کل اساتذہ نے تعلیم کو تجارت سمجھ کر دونوں ہاتھوں سے جیبیں بھرتے ہوئے کوچنگ سینٹرس چلانا شروع کر دیتے ہیں۔ اساتذہ ان خرابیوں کو دور کرنے کے لیے بھرپور کردار ادا کر سکتے ہیں۔ طلبہ کو نقل سے دور کرنے کے لیے شعور و آگاہی کے ساتھ ٹھوس علمی اقدامات کی اشد ضرورت ہے۔ ہم ببول بو کر گلاب کی آرزو نہیں کر سکتے، قصور وار صرف نوجوان نہیں ہے، والدین کو چاہیے کہ وہ اپنا محاسبہ کریں کہ دن رات کے چوبیس گھنٹوں میں وہ اپنی اولاد کے سامنے کب کب مثالی کردار ادا کرتے ہیں؟ محکمہ تعلیم بھی امتحانات کے نظام میں ایسی تبدیلیاں لائیں کہ طلبہ نقل کی بجائے اپنی ذہانت اور علم کے مطابق پرچہ حل کر سکے، اسی صورت میں ایک روشن مستقبل کی شروعات ہو سکے گی۔

آفرین دیشمکھ

سیکنڈ ایر

آئی ٹی

غزل

کیوں ملے گی تمہے یادوں کی ٹگر اب یارو
جل کے جب خاک ہوا دل کا نگر اب یارو

میں توہستی کی طلب دل میں لیے نکلی تھی
رائیگاں کیسے گیا میرا سفر اب یارو

ختم ہو جائے گی آخر کو شبِ تنہائی
یہ سیھی دور کی باتیں ہیں مگر اب یارو؟

میں اسے ساتھ لیے جاؤں کہ تنہا چھوڑوں
جسم و جان کامرے ہصہ ہے جو ڈر اب یارو

اب کے دشمن کی یہ للکار نہ ابھرے پھر سے
ساتھ دینا ہے تو بے خوف و خطر اب یارو

سعیدہ خان

سیکنڈ۔ ایئر

الیکٹرکل

کولج کے حسین دن

وہ ڈگری بھی لے لو، یہ نوکری بھی لے لو

بہلے چھین لو مجھ سے یو۔ ایس کا ویسا

مگر مجھ کو لوٹادوں وہ کالج کاکینٹین

وہ تیکھا سموسہ ، وہ کم چائے کاپانی

کولج کی سب سے پرانی نشانی

وہ چائے والا جسے کہتے تھے سب جانی

وہ جانی کے باتھوں کی کینٹنگ چائے میٹھی

وہ چپکے سے جرنل میں بھیجی ہوئی چٹھی

وہ پڑھ کر چٹھی اس کا تلملانا

وہ چہرے کی لالی وہ آنکھوں میں غصہ

کھری دھوپ میں اپنے گھر سے نکلنا

وہ پروجیکٹ کی خاطر شہر بھر میں بھٹکنا

وہ لکچر میں دوستوں کی پروکسی لگانا

وہ سر کو چڑھانا ، وہ ایروپلین اڑانا

وہ سبمیشن کی راتوں میں جگنا جگانا

وہ پریکٹیکل کے قصہ، وہ اورلس کی کہانی

وہ بیماری کے نام پر ٹائم بھانا

وہ دوسروں کے اسائمنٹ کو اپنا بنانا

وہ سیمینار کے دن پیروں کا چٹ پٹانا

وہ ورکشاپ میں دن رات پسینہ بھانا

وہ امتحان کے دن کا بے چین ماحول

پر وہ ماں کا یقین ، ٹیچر کا بھروسہ

کولج کی وہ لمبی سی راتیں

وہ دوستوں سے ٹھیلے پہ وہ پیاری سی باتیں

وہ گیدرنگ کے دنکا لڑنا جھگڑنا

وہ لڑکیوں کا یونہی اکڑنا

بھلائے نہیں بھول سکتا ہے کوئی

وہ کالج جیون کا اک اٹوٹ حصہ

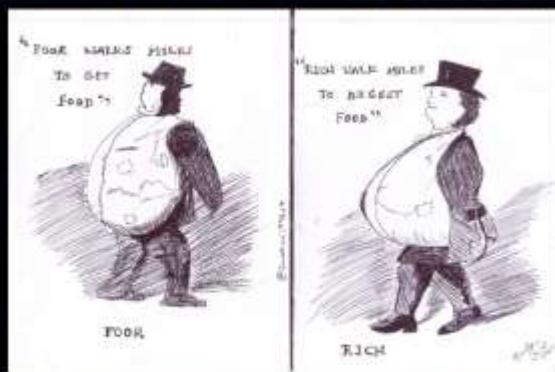
شعیب احمد خان

فائنل۔ ایر

الیکٹرکل

TATTWADARSHI

*Sketching & Drawing
Section*





TATTWADARSHI

A photograph of a vintage camera lens, a roll of film, and a film canister on a wooden surface. The lens is in the background, slightly out of focus. The film is in the middle ground, and the canister is in the foreground. The text 'PHOTOGRAPHY - SECTION' is overlaid on the bottom part of the image.

PHOTOGRAPHY
- SECTION -



Tejas Gaigole
1st Year



Atmanand Gore
2nd Year



Suyog Nawalkar
Final Year



Pranav Lengure
Final Year

TATTWADARSHI



REPORT SECTION

Administrative Office Profile

More than three decades, it has successfully nurtured young Indians in engineering and managerial professionals for the betterment of society and humanity as a whole. The institute is well known for its visionary management, dedicated and devoted faculty, state of art infrastructure and discipline. It is also known for all round development of student's personality with distinct value based spiritual environment. SSGMCE is considered as one of the best in the region and it holds the strength to be accountable for the content and quality of education. Institute has its own vision and mission to steer the institute to become one of the best institute in the region.

The campus environment keeps abreast of the latest advancement in the respective domains and endeavors to develop student's scientist of high quality. Graduates from SSGMCE are much sought after by companies in India and many have secured admission in prestigious institutions and companies abroad.

It is the first self-financed engineering college in Vidarbha amongst all colleges of the region to have obtained Accreditation from National Board of Accreditation - NBA in 2001, followed by reaccredited three times 2005, 2009 & 2013. The institute also accredited by NAAC (National Assessment and Accreditation Council) in 2003 and re-accredited in 2010 for five years.

The institute is having well equipped Central Administrative Office which covers all the administrative work of all the students and faculty. The Record Keeping of all the students and faculty is well maintained in the Administrative office. An institute sponsored Scholarship, Merit Scholarship, GATE Scholarship, Project Scholarship and Donor's Scholarship along with various Government Caste quotas Scholarship and Free ship are also served through the administrative office. In all 1858 students are on a roll for the session 2017-2018 with 858 girl's students. All the students & their legal guardian are insured under accidental Insurance policy.

Every year students of SSGMCE excel in University examinations, intercollegiate Technical events, sports and co-curricular activities. Students of SSGMCE participate in all those events with zeal and enthusiasm with a remarkable performance.

Prof. A. V. Patil
Registrar

Department of Electrical Engineering

The Department of Electrical Engineering offers a state of art facilities for undergraduate and postgraduate education and research work in Electrical Engineering. During 2017-2018, the department organized and conducted many activities.

- Installed & Commissioned a 100 kW Grid Connected Solar Power Plant
- Dr. S. R. Paraskar is elected as Member of BOS for Electrical Engineering
- Organized two week Workshop on “Electric Power System” during 10-15 July 2017. This workshop was conducted by IIT Kharagpur.
- Organized one day awareness program on “Electrical Safety” on 16th January on the occasion of Safety week.
- Conducted three days’ workshop on “Basics of Solar Plant & Business Management” for Industry Participants during 26-28 February 2018.
- Organized expert lectures on various topics in the field of electrical engineering in order to aware the students with recent technologies by eminent personalities.
- Organized ten days training program on “Industrial Automation (PLC, SCADA & HMI)” by Prolific Systems & Technologies Pvt. Ltd Nagpur for third year & final year.
- Faculty members of our department published fourteen research papers in International Journal & International Conference.
- Prof. R. S. Kankale participated in STTP for Coordinators on Electric Power System organized by IIT Kharagpur during 1-5 May 2017.
- Prof. R. K. Mankar attended one week training Program on Power Electronics & Drives at VNIT Nagpur during 11-16 December 2017.
- Mr. Prashant Jamodkar secured a Gold Medal from SGBAU, Amravati for his top score in BE Electrical examination.
- Three more students secured a place in the merit list of SGBAU for S-2017 examination.
- **Mr. Shailesh Chavan** from final year BE Electrical & Mr. Shubham Muddalwar from second year BE participate & stood runner in the Inter- University Tournament of Kabaddi held at Nanded. Ms. Jayashree Ingle from second year BE secure color coat in University tournament for Cricket.
- **Some students participated in Project Competition organized by BHAU Institute at COEP.**
- Mr. Ajay Bhangale (Alumnus) donated the amount of one lack rupees for the modernization and Mr. Aniket Mone (Alumnus) donated the “Impulse Tester” for High Voltage Lab.

Dr. S. R. Paraskar
Head, Electrical Engineering

Mechanical Engineering department

The Mechanical engineering department has unique facilities such as CNC center, Advance Welding Centre, CFD Centre, Photo Elasticity Lab and many more. Department has 16 Faculty members and 24 supporting staff members. The Mechanical Engineering department always strives for all around development of the students by carrying out various curricular and extracurricular activities.

- **Industrial Visits:** Second year students had visited MSEB power plant, Paras, Dist. Akola
- The students manufactured all-terrain vehicle sponsored by college.
- Faculty members visited various industries like Endress-Hausser Ltd, Flow tech Pvt. Ltd, Siemens Ltd at Aurangabad, NRB bearing ltd and Vinodray Engineering Ltd, Jalna, Shantdeep Metals Pvt Ltd, Saraswati Auto Components Ltd, Aurangabad
- Many eminent persons visited the department and delivered expert lectures for the students and faculty members. The guests include Dr. Mohan Godse, Mr. Kamlesh Pande, Dr. B. N. Jajoo, Mr. Pranav Mehar, Asstt. Manager, Prolific Systems, Nagpur, Mr. Kailas Bhopatkar and Mr. Nilesh Warade Proprietor, SGM Enterprises, Pune, Prof. Anand P. Manjarkhede, NCS green Earth Director and President ECPA, Mr. Anand Bhise, Director, Mechatol Engg. Solutions, Pune, Mrs. Anju Pande, Ex Professor, MIT, Pune, Mr. Shivprasad Jaju, (CEO) PAWAN Precision, Aurangabad

The faculty members organized and coordinated advanced Training Programme /Technical Events organized during this session:

- Two weeks training program on “finite element analysis and its applications ” by dr. Mohan Godse, Pune
- ‘one month basic course on computational fluid dynamics’ for the third year students
- Two day workshop on IC engine and refrigeration and air conditioning
- One week FDP on “optimization techniques for engineering applications” for the faculties and pg students
- Two days program on “introduction to advance welding technology” for students of iti Shegaon by CDES
- Workshop on “geometric Dimensioning and Tolerecing” for the third and final year students by Mr. Anand Bhise, GD &T industrial trainer, Mechatol Engg solutions, Pune.
- A grand debate competition for the students of the college organised by MESA

(Dr. S. P. Trikal)
Head, Mechanical Engineering

Department of Computer Science and Engineering

- Entrepreneurship Cell SSGMCE, an initiative of CSE Dept co-ordinated by Prof. S. D. Jain organized “Two Day E-Summit 2017 Program” on 16th and 17th September 2017. Near About 1500 participants participated in 6 Competitions and 3 Events.
- NPTEL Local Chapter, an initiative of CSE Dept, co-ordinated by Prof. S D. Jain was having 400 registrations for different online courses, and about 28 students got certified in the same.
- To strengthen the Industry institute interaction activity, Faculty members of the department visited various IT Industries and discussed about Internship, training, Placement, Sponsored projects, Technical talks, Laboratory setup, R&D etc. The outcome of this activity for the session 2017-18 is that the students got the internship and sponsored project.
- Faculties from Department have taken efforts for getting sponsored projects from various reputed core IT industries for final year students
- Prof. D. R. Dhotre has published and presented Research paper in IEEE International conference held at JAPAN during 28th -30th September 2017.
- Prof. D. R. Dhotre had visited Osaka University JAPAN, Sept.2017 for International Collaboration. He had a successful discussion with Director Takashi Suzuki and other scientists regarding Research, Skill Development & Intellectual Property for SSGMCE Students and Faculty members.
- Prof. D. R. Dhotre honoured with **Ph. D. Degree** by SGBAU, Amravati
- One group under the guidance of Dr. D. R. Dhotre was selected at DIPEX-18 at Sangli.
- Alumni and industry persons from various reputed IT industry visited the department for delivering an expert talk on recent technology and interacted with faculty members.
- Department has setup one open source lab (Data science lab) in collaboration with alumni Mr. Nitin Wankhade. Prof. C.M.Mankar has taken efforts for setting up this lab
- Prof. C.M.Mankar organized one day workshop and delivered talk on “ Concepts of Data science and utilization” for CSE and IT students
- Final year Students published two research papers under the guidance of Prof. V. S. Mahalle in International Conference at Bangkok, Thailand on 11-12 October 2017.
- Eight Teams of Third and Final year CSE has been selected for presentation for Smart India Hackathon 2018 in Finale round scheduled on 30th and 31st March 2018 for the problem statement provided by various ministry of central government of India
- Ministry of AYUSH sanctioned and deposited amount Rs. 3 Lakh for the last year winner of Smart India Hackathon 2017.
- Department has organized 2-days Lecture Series by adjunct faculty of the computer department Dr. Rajkamal (Former Vice Chancellor and Professor in Computer and Electronics Devi Ahilya University, Indore) on “ Embedded System and IOT” was scheduled on 9th -10th March 2018.

Prof. N. M. Kandoi
Head,
Computer Science and Engineering

Department of Electronics & Telecommunication Engineering

The Department of Electronics & Telecommunication Engineering is committed to the advancement of the frontiers of knowledge in Electronics Engineering and to provide the students with a stimulating and rewarding learning experience.

The department has good liaison with Industry and has been involved in the development of the sponsored projects/Technologies. Department is working hard to bridge up the gap between Industry and Academics and running various skill development courses to meet the Industry requirements. The department is strong with senior and qualified faculty members who are experts in various fields of Electronics Engineering.

Achievements: Presently 06 faculty members doing their Ph.D. work in research lab. Electronics & Telecommunication Engg. Research lab.

Research papers published: Faculty members of our department published 10 Research papers in International Journal & 15 papers in International Conference.

Workshop/ STTPs/ Seminar / Conference organized:

- Two-day' workshop On "Research Methodology" was organized by Dr. G. S. Gawande & Prof. Ms. B. P. Harne in Aug.2017. Total 84 participants attended the workshop.
- Introductory Seminar and Workshop on "Industrial Automation" with practical session on PLC- SCADA was organized by Prof. V.N.Bhonge, Prof.D.P.Tulaskar, Prof.K.T.Kahar in August & Sept. month. Total 175 students attended the program.
- One day and two day Workshop on "Digital System Design using Xilinx" was organized by Prof. A. N. Dolas in Sept. 2017. Total 23 students attended the workshop.
- Industrial Tour to Pune was organized in Sept. & Jan. 2018. Total 181 students of 3rd & final year participated in the tour.
- CDES Cell Awareness on "Computer Awareness and Wireless Applications" was organized by Prof. V.N.Bhonge, Prof.D.P.Tulaskar in Dec. 2017. Total 50 students 9th & 10th Class of Z.P.High school, Paturda attended the program.
- One day seminar on What after BE ? Alumni was organized by Prof. V.N.Bhonge, Prof.D.P.Tulaskar in Jan. 2018. Total 331 students attend the seminar.

Paper Presentation: 07 Papers are presented in reputed National & International conferences and journals.

06 projects of students are sponsored by various industries.

Workshop/ STTPs/ Conference attended: 10 faculty members attended various workshops STTPs and Conferences held at different places.

Industrial Visit (Faculty): 07 faculty members visited the Industries, Pune

07 Guest lectures by eminent personalities from Industries are held in the department.

ALUMNI Contribution: Mr. Sandeep Lohiya from SA Electronics has donated the instrumentation kits worth of Rs. 1, 00,000 to the department.

1) Ku. Aditi S. Patwardhan & Ku. Komal M. Thanvi are ranked in SGB University examinations.

Dr. G. S. Gawande
Head,
Electronics & Telecommunication Engineering

Department of Information Technology

- **Summer 2017 University Exam Final year Result**
 - Ku.Aditi Jhunjhunwala got Gold Medal.
 - Ku.Ritu Hedao,Chetan Patil,Harshal Bhojar,Ku.Ashyarya Gotarkar,Ku.Vaishali Patil are in Merit List in University Exam.
 - BE Second Year and Third Year Result is very impressive.
- **In this session Final Year 10 students was selected in Multinational Company till date.**
 - Teklink Pvt. Ltd.Hyderabad.
 - TCS Pvt.Ltd.Pune.
 - iASYS Technology Solution Pune.
 - Value Momentum Software Services Pvt Ltd.Hyderabad.
 - BYNRY Technologies Pune.
 - 38 students from Third Year got Internship in Different Companies.
- Organised many Guest Lectures and Workshop in IT Department For Staff and Students
- SIX Final year students selected in SIH-2018 in last stage.
- **Community Development Program**
 - In 2017-18 session IT Department conducted “Hands on Computer Fundamental & Its Application” for 36 students of 7th and 8th standard participate from Indira Gandhi School, Shegaon.
- **Development of Nodal Center in Department**
 - Setup of Virtual LAB provided by IIT Bombay.
 - IIT Bombay Spoken Tutorial For all branches.
- **Milestone in Technical and Culture Activity**
 - Second Year student Ku.Sakshi Deshmukh got second prize in Elocution Competition (Water supply & Sanitary Dept.Govt.Of Maharashtra)
 - Ku.Vahadyi Gawande got National prize in Dance of NATWAR GOPIKISHAN
 - IT Department Students Mr.Akshay Sute,Harshal Turkar,Ku vishakha Agrawal Develop the Website for Bildmate,Seva Police,Adivasi Vikas Vibhag.
 - IT Department Students Ku.Gunjan Kotak,Harvindar Chavan Ku.Shruti Upadhye Develop Android App. for Sai Mandir,Seva Police Adivaci Vibhag.
 - 5 Students from Third Year were opted internship through IIT Bombay IMAD, Chennai and Vnurt, Bangalore.

Prof. A. S. Manekar
Head, IT

DEPARTMENT OF APPLIED SCIENCES AND HUMANITIES

Applied Science is a bridge that connects pure Sciences with the engineering world. 100% seats were filled through CET in 2017-18. The first year result is excellent with Miss. Priyanka Sontakke securing 78.75%. Faculty members participated in national and international conferences and seminars throughout the year. Dr. N. A. Patil published six research papers and Dr. R. M. Kharate published one research paper in national and international conferences during 2017-2018 session.

All other faculties fulfill the responsibilities assigned to them. Prof. S. V. Bhagat and Prof. H. S. Patil conducted one week workshops on Spoken English and Personality Development for the teaching and non-teaching staff of the college twice a year. One month course on Spoken English by Abdus Chaus was organized for students. The German language course has also been running. Internet of Things (IOT) Technex'18 workshop in collaboration with IIT Varanasi was organized on 10th and 11th march 2018 under the guidance of chief coordinator Dr. N. A. Patil and coordinator Dr. R. M. Kharate. N.S.S. camp was organised during 11-19 December 2017 at adopted village, Janori.

Many students participate in Sports and Cultural Activities every year. Many programmes like Welcome Function, Science Day, Educational & Spiritual Activities and Industrial Visits are organized by the department continuously. It is the effort to inculcate the scientific temper in students.

Dr. N. A. Patil
Professor & Head- ASH

DEPARTMENT OF BUSINESS ADMINISTRATION AND RESEARCH

Historic milestones were achieved in the present academic year 2017-18 in Department of Business Administration and Research. Department was selected as the Management college of the year 2017 in India surveyed by Higher Education Review Magazine. Business Today ranked department at 138th position in its nationwide survey of business schools. It is worth mentioning here that the same national survey placed department at 54th rank evaluated on the parameter "Living Experience."

Students accomplished their summer trainings this session in organizations like Axis Bank, Force Motors, HDFC, GK Informatics, Reliance Jio, Yash Enterprises and Royal Enfield. Second year students have been placed in HDFC, Axis Bank and Abhinav Hire Purchase. Many students are in the pipeline and attempting for jobs by appearing for group discussions, campus interviews.

Twenty two students and four faculty members participated and volunteered in "Open Days" organized during 4th -9th January 2018 by Kalash Seeds, Jalna. An industrial visit was organized at Jain Irrigations and Gandhi Research Foundation, Jalgaon Khandesh. Every teacher of the department is involved in consultancy work. More than 1500 rural people were contacted through Gram Panchayats and were made aware and informed about Savings and Investment through SEBI sponsored workshops. Dr. Hari Mohan Jha "Bidyarthi" generated consultancy Rs. 84000 through these workshops.

Alumni overwhelmingly responded and promised about proactive initiatives during alumni meet. Students pro- actively participated in entrepreneurship development programs, group discussions, debates, extempore, power point presentations, advertisement making, and community based projects, co-curricular, extracurricular activities, sports for the sake of personality development (Total 24 activities). Parishkriti sponsorship was Rs. 71000 and students were encouraged with cash prizes. Department was conferred upon "Platinum Zone Award" by the Indian Association for the Blind, Madurai for fund raising Rs. 15000. Thirteen esteemed speakers from reputed industries and academia delivered guest talks this session.

Like every year, faculty members contributed to research paper writing and presentation in conferences, journals, guest talks in other institutions and industry, evaluation of projects and Ph.D. thesis, representation in university level committees etc.

Even after ups and downs in the central admission process (by D.T.E., Mumbai), 100% seats were filled. It is worth mentioning here that more than one fourth of these M.B.A. aspirants are engineering graduates. Dr. P. V. Bokad is approved as Ph.D. guide by S.G.B.A.U. and Professor L.B.Deshmukh was conferred upon doctorate degree by the university. Three students Surbhi Kedia, Snehal Karale, Pooja Dalvi secured respectively 3rd, 7th and 9th position in the university toppers' list. The newly constructed building of the Department was inaugurated by esteemed alumni on Alumni Meet Day and Department has shifted in the new building.

DR. H. M. Jha Bidyarthi
Head, DBA&R

Training and Placement Department

PLACEMENT RECORDS OF YEAR 2017-2018

Sr. No.	Name of Company	BRANCH WISE STATUS					No. of students Placed
		CSE	EXTC	MECH	EE	I T	
01	TekLink Incorporation, Hyderabad	03	-	-	-	01	04
02	Value Momentum Software Services Pvt. Ltd., Hyderabad	04	-	-	-	01	05
03	TCS Ltd., Pune	06	09	03	02	03	23
04	iYASIS Technology,	-	-	-	-	01	01
05	Unistal Systems Pvt. Ltd., New Delhi	-	-	08	-	-	08
06	Bynry Technologies, Pune	02	01	02	01	01	07
07	KPIT, Pune	-	04	-	-	-	04
Total Students Placed		15	14	13	03	07	52

Soft Skill Development Programme:

This year Mr. Sanjay Kale & Mr. Khushrow Irani, Nashik have conducted the “**Soft Skill Development Programme**” for B.E. First, Second & Third Year students.

Workshop/Guest Lecture:

1. An ‘**Awareness Programme on Sponsored Project**’ by **Apulent Infotech Pvt. Ltd., Pune** on **3rd August 2017** for all B.E. Final Year students.
2. One Day Workshop on “**GTT's Training Proposal - Barclays CSR programme in association with NASSCOM Foundation**” on **5th January 2018** for all B.E. Final Year students.
3. An Informative Session by **Lo Tech Pro Nashik** on “**Internship opportunities and training and placement**” for IT field on **23rd Feb. 2018** for B.E. Third & Final Year CSE/IT/EXTC students.
4. A “**SEED IT IDOL TEST-2018**” conducted by **Seed Infotech, Pune** on **23rd Feb. 2018** for B.E. Final Year CSE/IT/EXTC students.

Aptitude Test:

Online Aptitude Test by **FirstNaukri.com** on **29th July 2017** for B.E. Final Year students.

T&P Officer
SSGMCE, Shegaon

Knowledge Resource Centre (Library)

Library is the soul of any educational institute. The library of Shri Sant Gajanan Maharaj College of Engineering, Shagaon is named after the revered saint. Many of the main benefits students derive in college are associated with the library.

Now a day's libraries are using information and communication technologies (ICT) such as Barcodes, e-commerce, and e-journals, CD-ROMs. In the present scenario much of communication link between the library and its users is based on LAN and the Internet instead of personal contact. Due to this communication link our college library gives more emphasis on E-information collection, E-information based services and enabling information technologies. Due to globalization our library is sharing information with DELNET, 4 Million bibliographic records of books, articles and journals, statistics related to India on www.indiastat.org, Online access to journals OF The IEEE – ASPP, Science Direct, ASME, ASTM Digital Library, Mc-GRAW Hill Online access Engineering, EBSCO – business Sources e-journal Collection, Online access to full ACM digital library and access to 1100 e-books of ACM, 300 e-books on IEEE Computer Society, www.computer.org, Photocopying, lamination and comb binding machines are installed in the reprographic section at the left side of ground floor of the library. Besides each department has their own library with latest books and journals.

The library is open from **8 am to 8 pm** on weekdays and **10 am to 5 pm** on Sunday & holidays. Many national and international journals are subscribed. Digital resources are being provided to the students. There is a membership with many professional societies.

Library at a Glance:-

Item	Total Number of Volumes	Total Number of Titles	Total Number of Back Volumes	Electronics Information Collection	Project & Seminar	ISI
Books	86261	29281	7750	2005	1426	401
Periodicals & Journals	576	Technical International Journals - 10 Technical National Journals - 30 Nontechnical Journals - 60 Online Journals - 476 (IEEE – 169, Science Direct – 275) (ASME – 27, Imanagers Pub – 06)				

Mr. S. S. Kanthale
Librarian

**SHRI GAJANAN INVENTION AND ADVANCED
RESEARCH CENTRE (SGIARC)**

Shri Gajanan Invention and Advanced Research Centre (SGIARC) started in 2006 as a state of the art research facilitation center in the premises of Shri Sant Gajanan Maharaj College of Engineering (SSGMCE), Shegaon. Center works “In The Interest of All, For the Happiness of All” and committed to provide state – of – the – art facilities, fostering invention and research activities. The main objectives are-

- Identifying the broad areas for Invention and Research periodically and make available state-of-art-facilities in the identified areas to researchers.
- Design, develop and run programs for developing creative mindset and learning through inquiry.

Role of SGIARC

- Act as facilitator
- To create a platform for Invention & Research work.
- Technical help in development of Product.
- Provides funding
- Provide help in filing patents and copyrights.
- Create center of excellence in the field of engineering and sciences

SGIARC has recognized as Scientific and Industrial Research Organization by DSIR, New Delhi and signed MOUs with many industries for the research and training in the diversified areas of engineering and sciences. The center has following facilities (Research Laboratories)-

Facilities (Research Laboratories)-

- VLSI and Embedded System Design Lab.
- Power Electrical Lab.
- Solar Research Lab. and Production Center
- Entrepreneurship Development(ED) Cell
- Intellectual Property(IP) Cell
- SAP-ERP Lab.
- SGTR and Mechanical Engineering Lab.
- Audio and Video Lab.

Dr. S. B. Patil
Coordinator

SANT GAJANAN TOOL ROOM

Sant Gajanan Tool Room (SGTR) is one of the pioneer techno-invention centers established in the year June 2007, under the banner of SSGMCE, Shegaon. SGTR mainly aimed at promoting purposeful skill oriented technical education for the youth in India. The center implements its program of technical training through its training centre & on job training in the production centre. The institute offers various courses to cover a wide spectrum of technical manpower at post graduate level, degree level, diploma level & certificate level. Besides above number of short term courses in the specialized area of design & CNC machining as well as tailor made modules are designed and conducted to suit customer's requirement.

The various activities of SGTR are:

1. Training

2. Product Development

Training: - Centre completely equipped with the conventional & advance CNC machines offers scientifically designed long term, medium term & short term training courses in the field of CNC technology for various stack holders. Till date, nearly 3700 students have passed out from SGTR after taking CNC operating and programming training out of which 2950 students are working as a CNC operator in various industries of Maharashtra state.

Product Development: - Centre is having all the manufacturing facilities under single roof to develop the products from various nearby industries.

Some of the facilities of SGTR are:-

Training facilities:

- CNC Lathe
- VMC Machine
- Simulators
- Conventional machines
- Grinders

Product development:

- VMC Machine
- CNC Lathe
- Milling Machines
- Conventional lathe machines
- Grinders
- Tool & Cutter

Dr. S. P. Trikal
Coordinator

SPORTS DEPARTMENT

Various students were successful in the different competitions organized by SGB Amravati University Sports Department for the session 2017-18.

A] University Color Holders

- 1) Miss. Pratiksha Somani (4R) of final year (BE) was colour holder in Basket Ball
- 2) Mr. Mahesh Tayade (4R) of final year (BE) was colour holder in Basket Ball.

B] Competitions Organized by our college

- 1) This year the college under SGB Amravati University organized Inter collegiate Men's CRICKET, and CHESS. (Men / Women)
- 2) The college student won Gold and Silver Medals in various Aerobics State, National as well as International level tournaments.
- 3) Five students won Roller skating Gold & Silver Medals at State Level Competition, Akola.
- 4) On 10th Feb. & 11th Feb. 2018 College Organized State Level Badminton Tournament more than 100 Players participated in it. Total cash prize of 40,000/- were given to all players.

In the Academic session 2017-18 following were selected as a sports coordinator.

- Mr Mahesh Tayade (Boys) (4R) (BE)
- Miss. Pratiksha Somani (Girls) (4R) (BE)
- Miss. Alisha Panjabi (Girls) (4U1) (BE)

Prof. G. L BAYASKAR
Director, Sports

STUDENTS' COUNCIL

Students Council at SSGMCE was formed in the month of September 2017 as per the directions received from SGBAU, Amravati with Prof. Ms. P. V. Kale acting as Faculty Advisor and Mr. Amit Kumar Chaube acting as Secretary. The council has a large body of 78 members which include Class Representatives (CR), Nominated Class Representatives (NCR) from all classes of Engineering and Management Course, representatives of the different student's chapters, associations and committees in the institute along with representatives from Sports, NSS and NCC section.

Students' council has organized two general meetings, one in each semester, where the members were given an open platform not only for discussing difficulties related to the students but also for innovative suggestion towards improvements. Further the suggestions, objections and difficulties are recorded and reported to higher authorities for appropriate actions. The council is acting as a bridge between the students and authorities and committed for solving grievances. Students' council is also executing social projects with Ignited Innovators of India, Government College of Engineering, Pune.

Prof. Ms. P. V. Kale
Faculty Advisor

Cultural Council

Cultural Council has conducted many cultural activities in academic year 2017-18. Many of the students have participated in these activities with great enthusiasm and passion. Activities conducted under cultural council are as follows:

- Organised and celebrated Dahi handi on occasion of Krishna Janmashtami.
- Celebrated Ganesh Chaturthi
- 32 Students participated in the youth festival organized by SGBAU, Amaravati. Amongst 32, Manasi Chaudhari from 4R was selected at the National Level of Youth Festival.
- Conducted Cultural program in Alumni Meet on 13rd January 2018. Council organized a dance event titled as "FLASH MOB" which was the most appreciated event conducted by our students.
- In addition to this many activities such as debate, poster presentation on social issues, singing competitions etc. were conducted in Buldhana region and many Students from SSGMCE participated in it with full enthusiasm and interest.

Prof. K. R. Gandhare
Faculty Coordinator

NATIONAL SERVICE SCHEME (NSS)

*Total Strength of Unit- 200 students

- Celebrated International Yoga Day under the guidance of Yogacharya
- Celebrated Vanmahotsav by planting 125 plants in campus and at Janori.
- Organised Orientation Programme for NSS first year students on 06/10/2017
- Celebrated International Youth day
- Organised Swachha Bharat Abhiyan that is Cleanliness drive at campus and at adopted village, Janori.
- Managed Welcome ceremony of Shri Gajanan Maharaj Palkhi at campus
- Celebrated Sadbhavana Din by organizing various competitions at campus
- Organised Mega Blood Donation Camp
- Celebrated Rishipanchami Utsava 18/09/2017
- celebrated NSS Day on 24/09/2017
- Celebrated Sant Gadge Baba Punyatithi
- Special Camp of NSS Unit was conducted at Janori during 11/12/2018 to 19/12/2017.

Prof. N. S. Thakare
Faculty Coordinator

Pursuit 2018

PURSUIT is the National Technical Symposium of *SSGMCE*. For the year 2018, Pursuit committee organized many technical workshops during the academic year and a national level technical symposium on **16th & 17th February 2018** under the title **PURSUIT'18 (Concept to Creation)** with the same enthusiasm and determination among the new set of student coordinators, student volunteers and faculties. The winners of all the events were encouraged with a cash prizes and certificates. This technical event has organized every year with the objective to provide a platform for the students to showcase their talent with a competitive spirit.

- Pursuit'18 conducted 01 seminar, 03 workshops, Paper Presentations, Project Competitions and other 17 technical competitions.
- Students also benefited by the presence of following dignitaries as a guest from industries. 1) Mr. D. N. Dharurkar, Managing Director, NAC group of companies, Aurangabad & 2) Mr. Shivram Krishnan, Head, CSR, Tata Motors Pvt. Ltd. Pune

This event has witnessed a perfect combination of brainstorming Competitions, Exceptional Exhibitions and Hanging Breakouts. This two days package of technical fiesta has provided all the students with a chance to showbiz their uniqueness. The figures have shown the maximum participation rate and involvement from the students.

Prof. S. D. Padiya/ Dr. D. R. Dhotre
Coordinators – Pursuit'18

PARISHKRITI 2018

Parishkriti was organized during 16-17 February 2018. Parishkriti 2018 included eleven sub events community based learning, business quiz, business plan, paper presentation, movie mania, ad mad show, ad design competition, one act play, drama and dance competition. IPL auction was the new event added this time. It was sponsored by Fly Elevation, Shegaon. Four members from the winning team have received a free tour package to Goa. The Event Was Sponsored By Nootan Udyog, Mandar Sports, Magi Corner, Hot Chips, Indira Credit Co Operartive Society, Hend Suzuki Shegaon, Singar Sadan, Khamgaon, Kanchan Electronics, Bappa Dabeli, Sarda's Career Point, Akola. The total sponsorship amount this year, was Rs. 71000.

The in-house attendance for two days program was 80 percent (including both M.B.A. I and II year. The theme for this year was Safety. Winners were awarded cash prizes and certificates. RJ Shweta from Radio Orange was the guest for the event and there was an overwhelming response to her address.

Prof. Mayur Dande
Coordinator, Parishkriti

IEEE

IEEE organizes many events throughout the year. This year it conducted the following:

- Organised a workshop on DS7 Solid works for the first and second year Mechanical students.
- Organised 'The Ultimate Talk', based on the much influencing Ted Talks
- organised a training program on 'Effectively and efficiently utilising the IEEE Explore Platform for project and research', for post graduate students, research scholars, faculty members and library staff
- Organised an activity on 'The Basics of Computer' for Jijamata Z.P School students
- Has planned to organize two-day hands on workshop on 'VLSI Circuit Design on Cadence' for EXTC students in association with Electronics & Telecommunication Department
- "Outstanding Branch Counsellor Award" representing the Asia Pacific (Region – 10) to the branch counsellor, Prof. Pravin Wankhede
- Hosted IBSC 2017
- Organised a very innovative 'Introduction to Calculator' event for the first year students.

Prof. Pravin Wankhede
Faculty Advisor

Electronics Student & Staff Association (ESSA)

Basic Electronics: This event took place on 25th September 2018 for the students of all the branches to aware them about the basic components such as resistors, capacitors, etc. In this workshop, we have discussed them with the basics of our day-to-day electronic usage and made them aware about Electronics. Along with the workshop we conducted a Competition on 4th Oct, 17 to check the knowledge of the students about Electronics.

Evolution in IT sector: A grand seminar is conducted for the students of SSGMCE to aware them about the job opportunities present in the market and to display and feed them the requirements of the market. This event took place on 11th Oct, 17 for the entire students and faculty members by Dr. Ashok Ghatol Sir. He had also explained the requirements of the company or industry for each & every field very politely. After a long presentation, all the students had the one-to-one interaction with him and the students were satisfied with his answer.

What After B.E.?: An excellent career guidance program was planned by the Alumni of SSGMCE 2000 batch name "What After B.E.?". This event took place on 11th January 18 and the seven members had their talks on Civil services, MPSC/UPSC preparation, Gate preparation, etc.

Prof. D. P. Tulaskar
Faculty Coordinator

Computer Science and Engineering Student Association [CSESA]

Computer Science and Engineering Student Association [CSESA] is the Student Association of Computer Science and Engineering students of Shri Sant Gajanan Maharaj College of Engineering Shegaon.

In this session of 2017-2018, CSESA Student's Chapter of SSGMCE, Shegaon at the starting of this session of 2017-2018 CSESA had conducted orientation program.

CSESA has conducted technical activities like workshops on video editing, workshops on data science. In PURSUIT 2K18 CSESA conducted many events like Most Wanted Coder, Need for Speed, Light's Camera Action. From these events we found winners and gave them prizes. This types of competitions, events and workshops organized by CSESA try to enhance students to improve their skills and knowledge.

I would like to thank all the students of CSESA Student's Chapter for giving their efforts for making events of Workshop Successful.

Prof. S.D. Kalaskar

Coordinator CSESA Student's Chapter

ISTE Students Chapter

- A new committee was formed at the beginning of the session which comprises of final, third and second-year students from all the departments followed by the meeting with them to plan the activities of the year. The website was also created.
- Online aptitude of 80 minutes test for final year students was conducted.
- Technical articles were regularly posted on ISTE notice board.
- A membership drive was conducted.
- Mind-Spark event was organized for 1st and 2nd-year students, 68 teams (2 members per team) participated in it. The first three winner teams were awarded Bluetooth speakers.
- A two day workshop on Ethical Hacking for all students was conducted by Mr Ajinkya Lohakare, Social Spectrum, Nashik, more than 70 students participated in it.
- Make on Breadboard workshop on basics of Electronic was organized for first & second-year students, 41 students participated in it.
- Acumen, a quiz competition was organized for school students.
- Grand Project Expo, an exhibition of working or non-working, hardware or software projects on any topic was organized in which many students of other colleges participated. Cash prizes were given to the winner and runner-up teams.
- Technical e-magazine MACHER will be launched during Culfest 2K18.

Faizan I Khandwani

Faculty Advisor

ISTE Students Chapter

Information Technology Student Association (ITSA)

ITSA is the Information Technology Student Association. It is one of the student committees from SSGMCE that work for the IT department. This year ITSA conducted the following events:

1. **BRANAC 2K18:** Brainiac, as the name suggests, it might be related to brain. Yes, of course. It's the game of brain. A game that tests your brain, your confidence level, your alertness. This year Brainiac was organized on 21st January 2018. Preparation was started 1-2 weeks before. Approx. 164 students arrived to test themselves. These students came with their team which comprised of 4 members per team.
2. **Window Based Programming:** Window base programming is technical hands-on event. It was conducted by Vishal Nachwani.
3. **Davinchi i.e. Photo shop:** As we all know, Da Vinci was a great artist. So is the name of this workshop. Da Vinci workshop was a Photoshop workshop. This workshop was conducted by Nitisha Agrawal (2N) for two days i.e. 12/2/18 and 13/2/18.
4. **C#.Net Workshop:** C#.net is programming workshop. It is a technical workshop especially for students those who are having programming knowledge and interest.

Prof. P. H. Gohatre
ITSA Advisor

Electrical Engineering Students Association (EESA)

EESA continuously work for the betterment of the student community. It organizes, coordinates and manages many programmes including guest lectures, seminars, and workshops. During 2017-2018, it organized many such events. The students did show the enthusiasm and got benefitted. The notable guests who delivered guest lectures for students include Mr. A. Y. Mehendale, Energy Auditor, Pune, Mr. Rahul Aglawe, Director, GATE forum, Amravati, Mr. Pranav Mehar (Assistant Manager) Prolific Systems & Technologies Pvt. Ltd, Nagpur, Dr. D.P. Kothari, Former Director, IIT Delhi, Mr. Vishal S. Ingle, Additional Executive Engineer at Substation project subdivision, Amravati, Mr. Uday Sampat (Vice President, ABB Nashik), Mr. Vijay Khaparde, Secretary, Industries, Energy & Labour Dept., Govt. of Maharashtra and many others. All the sessions were knowledgeable and Students got the motivation.

R.K. Mankar
Faculty Advisor
(EESA)

COMMUNITY DEVELOPMENT AND EXTENSION SERVICES CELL**Report of activities conducted during the session 2017-18**

1. Letter was written on dated 18/07/2017 to all heads of the departments, requesting them to appoint coordinator to conduct activities of CDES Cell during the session 2017-18.
2. Prof. R. K. Mankar (ELPO), Prof. V. N. Bhonge and Prof. D. P. Tulaskar (EXTC), Prof. Ms. P. V. Deshmukh (CSE), Prof. Ms. P. P. Bute (IT), Prof. P. T. Patokar (MECH) and Prof. P. S. Dhokane (ASH) were appointed as coordinator by respective heads of the department.
3. Meeting of all coordinators of CDES cell was held on 09/09/2017 at 10:00 a.m. in conference hall of Electrical Engineering Department for the preparation of action plan of activities. All members were present for the meeting.
4. Along with other related points of agenda, it was resolved to prepare the action plan of activities to be conducted / organized during the session 2017-18 and submit to Chief coordinator, as early as possible. All departments have submitted their action plans.
5. All departments have conducted one program in last semester and planned another program in the current semester.
6. Department of Information Technology Engineering had organized two days workshop during 27-28 November 2017 on "Hands on Computer Fundamentals & its Application" for students of Indira Gandhi High School, Shegaon
7. Department of Computer Science & Engineering had organized two days workshop during 23-24 November 2017 on "Introduction to LINUX Operating System and Switching System" for students of Government ITI college, Shegaon
8. Department of Electrical Engineering had organized three days workshop during 9-11 November 2017 on "Operation & Control of Electrical Motors" for students of Government ITI college, Shegaon
9. Department of Applied Science & Humanities had organized two days workshop during 22-23 December 2017 on "Pioneers of Society" for 12th std. students of SSGM English School, Indira Gandhi High School and Saraswati College, Shegaon
10. Department of Mechanical Engineering had organized two days workshop during 28-29 November 2017 on "Introduction to Advanced Welding Technology" for students of Government ITI college, Shegaon
11. Department of Electronics & Telecommunication Engineering had organized two days workshop during 8th December 2017 on "Computer Awareness and Wireless Applications" for 9th and 10th Class students of ZP High School, Paturda

(R. S. Kankale)

Chief coordinator CDES

SCIENCE WORLD

Science World is an initiative of A.S. & H. dept. for first year engineering to provide the exposure to the students by organizing guest lectures, competitions and programmes. In the beginning of the session, the committee of Students for Science world was formed and it took care of all the activities organized. In 2017-18, Science World organized the following programmes for students:

1. Orientation of Science World on 21th September 2017.
2. Quiz-Iliad on 8th October 2017.
3. Inspirational Video Lecture on 22nd October 2017
4. Pro Gaming Event on 2nd February 2018.
5. Guest lecture on “Science behind Religious Practices” by Mr. Chandrashekhar Pandit.
6. National Science Day Celebration on 28th February 2018.
7. Organized IOT workshop on 10th and 11th March 2018.

All the first year engineering students actively participated in these programmes and enhanced their skills in different areas. The objective of Science World is to provide platform to the students to hone their skills at first year level itself. The winners in competitions were awarded the certificates of appreciation. Science World continues the activities throughout the year and constantly focuses on the overall development of the students.

(Prof. Pankaj Dhokane)
Faculty Coordinator-Science World

SAE

SAE India is an affiliate society of SAE International, registered as an Indian nonprofit engineering and scientific society dedicated to the advancement of mobility community in India, which includes engineers, executives from industry, government officials, academics and students.

25 Students of SAE student chapter registered for BAJA 2018 with team name AVIBHUJ SQUAD. The team is divided into different departments-Suspension, Braking, Steering, Roll Cage, and Transmission.

Initiative taken by our team “AVIBHUJ SQUAD”. Some students from third and final year went for training at Odisha, 14th June , 2017. We completed 8 hours training at CUTM, Bhubaneshwar and 3 hours practice in workshop. All the heads of respective department were selected for virtual round of BAJA 2018 at Chandigarh. They represented college and presented our ATV 15th of July 2017. After that we started manufacturing of ATV and in December we completed and took the vehicle to COIMBATORE for ESI 2018. Approximate cost for manufacturing is 7 lac as we had imported it's components from abroad (USA, CANADA).

Prof. Madhao Bhambere
Faculty Coordinator

ALUMNI CELL

Alumnus is the strength of any institute. The development cycle of any institutes cannot be completed in the absence of Alumni. They are the backbone of any institute, and students are the building blocks. And to strengthen the bond between these two elements is the primary objective of Alumni association.

Till date a total of twenty meets have been organized. Also since academic year 2014-2015 concept of Grand Alumni Meet has been started and till date a total of four consecutive Grand Meets have been organized.

Various Objectives Fulfilled by Alumni Association:

- To assist students in availing project facilities
- To assist placement cell
 - This two objectives are fulfilled through continuous follow ups and results can be reflected in table below which show statistics till Grand Alumni Meet 13th January 2018

Serial No.	Area of Contribution	Contribution
1	Placement	49
2	Sponsored Projects	4
3	Expert Talks	13
4	Lab development	2
5	Industrial Visit	4
6	Internship	7
7	Workshop	2
8	Skill development	2

- To setup a guidance cell to aid present and past students
- To help networking amongst alumni
 - Alumni Meets are organized on regular basis. A separate web portal and mobile application has also been launched.
- Maintaining a member directory-Total 10,900 members enrolled till date
- Publishing Alumni Newsletter: started publishing yearly newsletter since two years
- Apart from Grand Alumni Meet if our Alumni want to organize any meet than college provides sponsorship for such meets.
- Mentor: Work on this has been started since this academic year. Students of first year are attached with alumni for one to one mentorship.

As the path to improvement is unending, Alumni association will always keep on working continuously.

Dr. D. D. Nawgaje /Prof. Miss. K. M. Thanvi
Coordinator, Alumni Cell

NATIONAL CADET CORPS (NCC)

Aims of NCC

- To develop character, comradeship, discipline, leadership, secular outlook, spirit of adventure and the ideals of selfless service amongst the youth of the country.
- To create a human resource of organized, trained and motivated youth, to provide leadership in all walks of life and always available for the service of the nation.
- To provide a suitable environment to motivate the youth to take up a career in the Armed Forces.

In year 1993 NCC unit was started in our college which is attached to 3MAH. SIGNAL COY AMRAVATI. **Enrolled strength of 54 cadets.**

ACTIVITIES OF THE YEAR 2017-2018

Inter-National Yoga Day

Re-Enrolment

Motivation Campaign For Be II

Commencement of Training Parade

Training Parade

Annual Training Camp Catc-I & II

Independent Day Parade

Commanding Officer Visit & Inspection

NCC Day Celebration

Youth Day Celebration

National Integration Camp Nashik

Army Attachment Camp Ahmednagar

Republic Day Celebration

Certificate Examination Cadre

B Certificate Examination

C Certificate Examination

SSB Army Training Course

Achievements: -Examination Result:-

Examination	2009-10	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18
B-CERT	26	20	15	09	18	17	14	23	12
C-CERT	05	08	07	04	05	02	04	09	18

- **08 CADETS SELECTED AND JOINED IN ARMY**

Participation of NCC Cadets in College and Community Service Activity:

- 1) Pulse Polio Program of Maharashtra Health department
- 2) Digital Banking awareness programme
- 3) Swachchha Bharat Abhiyan
- 4) Road Safety Programme

Capt. D. L. Bhombe

In-charge

****Winner of Gold Medal******* Sant Gadge Baba Amravati University, Amravati.****Summer - Exam. 2017 In Bachelor of Engineering ***

S. R.	Name	Merit No	Branch
1	Mr. Prashant Vinayak Jamodkar	1	Electrical (Electronics & Power) Engineering
2	Ku. Aditi Sunil Jhunhunwala	1	Information Technology

****Merit Student Summer –2017 Examination ******In Engineering & Technology****Electronics & Telecommunication Engineering:**

Sn	Name	Merit No	Cgpa
1	Ku. Aditi Subodh Patwardhan	2	9.07
2	Ku. Payal Dilip Agrawal	8	8.84

Information Technology:

Sn	Name	Merit No	Cgpa
1	Ku. Aditi Sunil Jhunhunwala	1	9.13
2	Ku. Ritu Shivaji Hedau	3	8.82
3	Mr. Chetan Vijayrao Patil	3	8.82
4	Mr. Harshal Ankush Bhojar	6	8.71
5	Ku. Aishwarya S. Gotarkar	9	8.63
6	Ku. Vaishali Prabhakar Patil	9	8.63

Electrical (Electronics & Power) Engineering:

Sn	Name	Merit No	Cgpa
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1	Mr. Prashant V. Jamodkar	1	9.30
2	Ku. Namrata Pramod Palwe	5	9.17
3	Mr. Sharihari Ranjan Saraf	6	9.15
4	Mr. Nageshwar A. Chaudekar	9	9.04

In Master of Engineering & Technology

M. E. Adv. Manu. & M.S.D

- Ku. Shwetal Vitthalrao Bhiogade (Merit 1, CGPA-8.98)

M. E. Digital Electronics

- Ku. Komal Mahavir Thanvi (Merit 1, CGPA-8.96)

M. E. Computer Engineering

- Ku. Komal Digamber Khawale (Merit 1, CGPA-9.06)
- Ku. Kajal Arunrao Gulhane (Merit 2, CGPA-8.63)
- Ku. Priyanka Wasudeo Falke (Merit 3, CGPA-8.42)

Prof. A. V. Patil,
Registrar

Entrepreneurship Cell

Entrepreneurship Cell was established with the motive of building and nurturing budding entrepreneurs of the college and to participate in the competition organized by E-Cell IIT Bombay.

- E-Cell SSGMCE organized E-Summit 2017, an event of conglomeration of Entrepreneurs from all over Maharashtra, a two day event between September 16 and 17th, 2017. Mr. Sunil Rai (Vice Chancellor, MIT ADT University, Pune), Special Invitee, Seminar Session of Rashmi Bansal Famous author (Stay Hungry Stay Foolish, God's Own Kitchen) and motivational entrepreneur on 16th of sept 2017. Mr. Shyam Dharmadhikari (Marathi Film Director), Mr. Nitin Sharma (Former Director Microsoft) and many more dignitaries conducted seminar sessions for the students.
- A Seminar Session of Mr. Umesh Kaul Sir and Mr. Asutosh Deuskar Sir was organized on 24th September 2017 regarding Rural Empowerment and the creation of institutionalized Framework for Budding Entrepreneurial Ecosystem in SSGMCE
- E-Cell Team participated in Competition of National Entrepreneurship Challenge: Advanced Level at E- Summit 2017 at IIT Bombay during 28th and 29th January 2018
- Organized a 3-Day Entrepreneurship Development Program conducted by Mr. Aalok Pandey, Innovation Evangelist and Entrepreneur on 10th to 12th February 2018. 44 Participants successfully were certified in this Program.
- Organized Public Interview Competition in Technical Festival of College Pursuit 2018.
- Poster Making Competition was Organized based on the subject of Women Empowerment

Prof. S. D. Jain
Coordinator

विद्यापीठ गीत

जन मन जागर करिती निरंतर

विद्यापीठ चाले

संत गाडगेबाबा तुमचे

स्वप्न पूर्ण झाले

कुणी न आता

खुळे अडाणी

ज्ञानासह विज्ञान कळाले

पर्णकुटीतील प्रतिभेलाही

आभाळाचे पंख मिळाले

दशसुत्राचे अक्षर अक्षर

वेद नवा बोले ॥१॥

जन मन जागर.....

किती रंजले किती गांजले

किती आंधळे लुळे पांगळे

कर्मयोग निष्काम आचरुनी

कवेत घेता बांधव सगळे

भुतदयेच्या ओलाव्याने

मानस मोहरले ॥२॥

जन मन जागर

धर्म जातीच्या पलिकडेही

माणूस केवळ माणूस असतो

भेद भ्रमांचे बंध तोडूनी

मानवतेचे पूजन करतो

पिढ्यान पिढ्यांचे जीवनदर्शन

विश्वात्मक झाले ॥३॥

जन मन जागर.....

Mission

To develop excellent learning center through continuous design and up gradation of courses in closed interaction with R&D centers, Industries and Academia.
To produce competent, entrepreneurial and committed Technical and managerial human, with Spiritual foundation to serve the society.
To develop state-of-the-art infrastructure, centers of excellence and to pursue research of global and local relevance.
To strive for 'Sarve Bhanvantu Sukhinah' - the ideal of our parent organization Shri Gajanan Maharaj sansthan, Shegaon through symbiosis of Science and Spirituality.

Vision

To impart world-class Engineering and Management education in an environment of spiritual foundation to serve the global society.



SSGMCE
Shegaon, MS, India

