

Tattwadarshi

ANNUAL
MAGAZINE **2020**

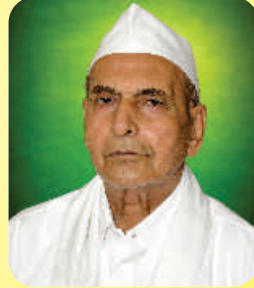


**SHRI SANT GAJANAN
MAHARAJ COLLEGE
OF ENGINEERING, SHEGAON**



SHRI GAJANAN SHIKSHAN SANSTHA SHEGAON

BOARD OF DIRECTORS



Hon. Shri Shivshankarbhau S. Patil
Chairman



**Dr. Rameshchandra
Champalal Dangra**
Vice-President



Shri B.N. Patil
Vice-President



**Shri Rameshchandra
Mangilal Gattani**
Vice-President



**Shri Sharad
Mahadeorao Shinde**
Secretary



Dr. P.M. Bhutada
Joint Secretary



Shri P.S. Dhanuka
Joint Secretary



Shri M.S. Anand
Treasurer



**Shri Shrikant
Shivshankarbhau Patil**
Executive Member



Shri A.F. Chandak
Member



Shri M.K. Ghatol
Member



Mohd. Rafik Mohd. Siddiq
Member



Shri R.V. Shegokar
Member



Shri Harihar N. Patil
Member



Divine Source of Inspiration

|| Sant Gajanan Maharaj, Shegaon ||



SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING, SHEGAON



Constituted by All India Council for Technical Education (AICTE), New Delhi

1	Shri S. S. Patil	:	Chairman & Ex-officio Chairman
2	Shri. Shrikant S. Patil	:	Member (Sanstha)
3	Shri Kishor T. Tank	:	Member (Sanstha)
4	Shri. Sharad M. Shinde	:	Member (Sanstha)
5	-	:	Member (Ex-officio) (Nominee of AICTE)
6	Dr. Ajeet Singh	:	Member (Nominated by WRC, AICTE)
7	Dr. S. G. Taraneekar	:	Member (Nominee of SGB Amravati University, Amravati)
8	Dr. Abhay Wagh	:	Member (Ex-officio Director of Technical Education) (Nominee of State Govt.)
9	-	:	Member (Nominated by State Govt.)
10	Dr. S. B. Somani	:	Member Secretary (Principal of the Institute)
11	Dr. S. P. Trikal	:	Member (Faculty member nominated from regular staff at the level of Professor)
12	Prof. R. S. Pote	:	Member (Faculty member nominated from regular staff at the level of Associate Professor)



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.

अनेक वर्षांपूर्वी या महाविद्यालयाचं रोपटे लावताना सर्वांच्या मनात अनेक प्रश्न होते. पण इथल्या प्राचार्यांनी, प्राध्यापकांनी आणि विद्यार्थ्यांनी दिवसरात्र परिश्रम घेवून त्या सगळ्या प्रश्नांना उत्तर दिले आणि आमच्या स्वप्नातला 'कल्पवृक्ष' साकार केला. विविध विषय शास्त्रे शिकत असलेला आमचा विद्यार्थी चारित्र्यवान, सर्वगुणसंपन्न व मेहनती बनाव 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. 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 सगळ्यांच्या मनात उमटवलाय. तत्त्वदर्शींमुळे विद्यार्थ्यांच्या सुप्त गुणांना वाव मिळाला आहे. नवनवीन विचारांमुळे 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





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-2020".

College magazines have great educative values which encourage them to think and write. It provides them the opportunity to express their views, opinions, creativity and imagination in a variety of ways. That also offers an opportunity to write on wide variety of topics around them. While studying at the campus, students need to explore their skills and express themselves so that they will have voices of their own. Young Talent finds its first exposure through this medium.

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

The magazine also records the achievements and various activities conducted throughout the year. I am hopeful that this year's magazine would succeed in achieving these objectives.

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

I extend my warm wishes to the principal, staff, students and the team Tattwadarshi to continue this journey on the road to perfection.

All the best.



 **Shri. SHRIKANT S. PATIL**

Managing Director

Shri Gajanan Shikshan Sanstha, Shegaon





From the desk of Principal...

I am glad 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. I am happy to see your thoughts here.

I personally believe that students find the platform for 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 writing 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 explore and enhance your hidden potential. When you write something on a piece of paper, you learn to express yourself. That gives you the confidence and self-belief. You use this platform and explore your potential.

I appreciate the efforts taken by the editorial board of team Tattwadarshi 2019-20 to bring it in front of us 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-2020”.

Coming up with this issue was easy to visualize but very difficult to draft. We wanted Tattwadarshi Magazine to be the food for thought. This is something all the contributors have tried to do.

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.

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 express my sincere thanks to the respected management and respected Principal Dr. S. B. Somani sir for continuous encouragement and support in the process.

I thank all the student coordinators who worked hard to complete this magazine well in time.

I am sure you will enjoy reading Tattwadarshi-2020. I wish you all a wonderful journey ahead.



Prof. SACHIN BHAGAT

Assistant Professor, A.S. & H.
Faculty Advisor





From the desk of Chief Editor

I feel proud to tell you all that we have completed another version of “Tattwadarshi” by overcoming pandemic situation of Covid19 and feeling lucky to be a part of “Tattwadarshi” team, as a Chief Editor.

We welcome all the different articles, sketches, poems on each and every topic without any boundaries of theme. As the students are free to write on various aspects in their mind. 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 extracurricular skills in the domain of feelings, art and many more. It gives the wings to fly in open sky to the students who are really passionate about their technical as well as non-technical hobbies.

All we know that no one is inborn talented, but “The true enlightenment of life is knowing yourself” so we have to practice always and always require a new start. 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. 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. In this magazine you will meet poets, writers, and different shades of talent of our students. I hope you will enjoy reading. Ultimately, this magazine carries a share in igniting even a small spark in young minds which lead them to brightest sunshine of tomorrow.

I am very thankful to Honourable 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 being faculty advisor of Tattwadarshi 2020. I would like to thank all my teammates, all distinguish section 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. And remember,

We are the lost fishes,

Keep wandering

Keep wondering...



Mr. Anand Kharat

Final Year

(Electronics and Telecommunication Engineering)

Chief Editor





From the desk of Associate Chief Editor

Value your words; they have power to change the world. Students of our college remembered this thing and here we are with another year of Tattwadarshi magazine. As the Associate Chief Editor of this magazine, it was a great opportunity and wonderful experience to work as a part of this team. Putting a magazine together was no cake walk. I want to congratulate all my teammates for their worth efforts.

The road does not end until the goal is reached...Time is what shapes a person. It takes nothing to talk about change but it takes a great deal to bring about one. We, the students of today will decide the future of our country. Very few realize that the ones who have a textbook in their hands today, will have the reins of the world, tomorrow. The ones who realize that leaves a legacy behind. It is only because of our student's creative mind and hard work that our magazine has become so beautiful.

We all know that in Engineering we have to learn so many technical concepts and work on them. But I am glad to see that Engineers are really good when it comes to non-technical things too such as writing articles, composing poems, drawing sketches, photography etc. I really appreciate enthusiasm shown by students for creation of this magazine. This magazine gives an insight into the SSGMCEians' way of life, their creativities and activities. This magazine is a platform that exhibits the literary skills and innovative ideas of students.

I am very thankful to honourable 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 who contributed by sending their articles, poem, sketches for magazine. I will urge all of them to keep participating and reading. Best wishes to you all.



Ajay Chandrakant Thakur

Final Year-Electronics and telecommunications
Associate Chief Editor





CAMPUS



Cricket Ground



New Seminar Hall



Sports Complex



New Auditorium



Advanced Research Center



Administrative Building



College Building



Residential Buildings



GLIMPSES *of 2019-20*



Shatakshi Deshmukh
Color Coat in Group Singing



Tanvi Nanote-Color Coat
in Volleyball



Winner of Code Ninja Hunt 2020



Vaidehi Gawande-Secured Colorcoat in Classical Dance



Jigar Wakhariya
Recruited through
TCS Infra-Mind Contest



Shrikant Rokade-an Electrical Engineering (Electronics Power)
student topped in SGBA University examination Summer 2019



Winner of Sacred Games Competition IIT Bombay



Chess Team secured Second Place at Zenith-20 held at SGGSIET Nanded



Alumni Meet 2020

11.01.2020 19:01



GLIMPSES *of 2019-20*



BAJA 2020 Chitkara University Punjab



FDP on Evolution of Internet of Things



One Day Workshop on Outcome Based AICTE Model Curriculum in BE Electrical Engineering



National Youth Day Celebration 12 January 2020



Pursuit Parishkriti-2020 Inauguration Ceremoony



Industry-Institute Meet 2020



First International Conference on Innovative Trends and Advances in Engineering and Technology (ICITAET-2019)

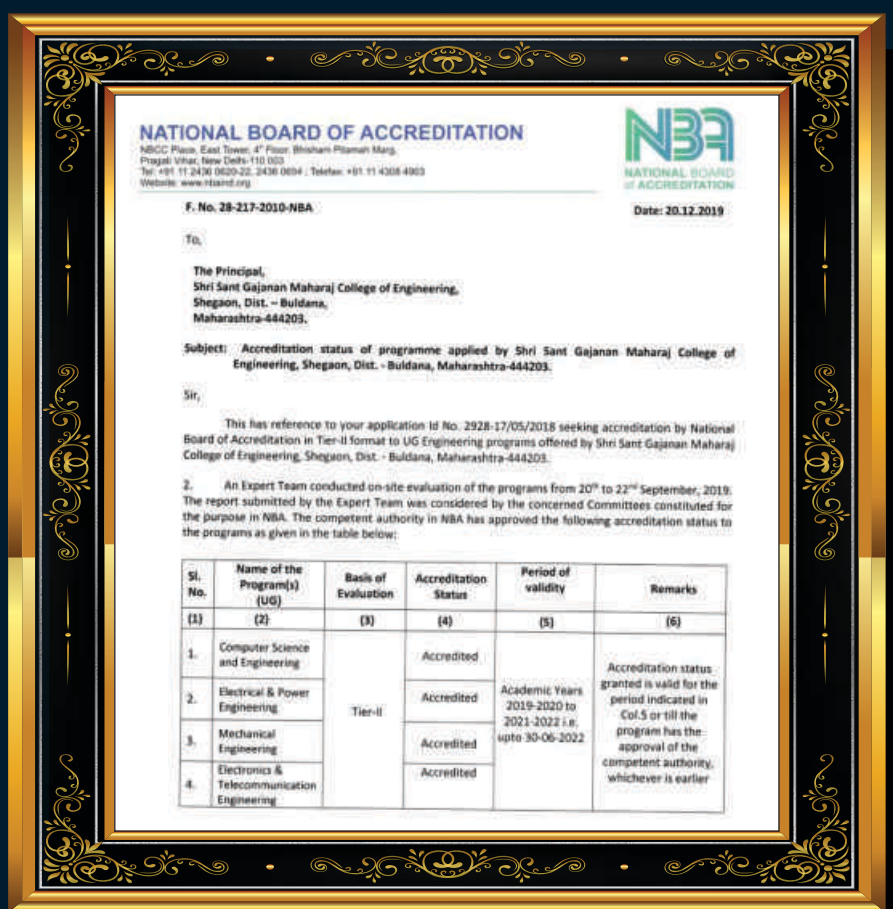


Celebration of Marathi Language Day



The following courses offered by SSGMCE, Shegaon have been accredited for a period of three years (2019-20 to 2021-22) by National Board of Accreditation (N.B.A.), New Delhi:

- Computer Science and Engineering
- Electrical Engineering (Electronics and Power)
- Mechanical Engineering
- Electronics and Telecommunication Engineering





GEMS of SSGMCE



Shatakshi Deshmukh represented SGBAU, Amaravati in Cultural Fests organized across the country

Her Achievements this year-

- Secured Color Coat of Sant Gadge Baba Amravati University for the second time as the representative of Shri. Sant Gajanan Maharaj College of Engineering, Shegaon in the category Indian Group Song. About 3000 students from 350 colleges participated (organized at VMV College, Amravati).
- Participated as the team of SGBAU in the 15th Maharashtra State Inter- University Youth Festival 'INDRADHNUSHYA -2019' held at Gondwana University, Gadchiroli from 2nd-6th Dec 2019. She participated in Indian Group Song, Western Group Song and Folk Orchestra and secured 1st position in Indian Group Song as well as Western Group Song. Students from 40 universities participated from all over Maharashtra. SGBAU secured prizes for the 1st time in 14 years for these events.
- Participated as team SGBAU in the 35th Inter University Central Zone Youth Festival 2019 held at Jiwaji University, Gwalior(MP) from 18th-22th Dec 2019 and secured 1st position in the events of Indian Group Song and Western Group Song as well. Secured Runners up in Folk Orchestra. Students from 29 universities participated from Central Zone, India.
- Team SGBAU scored the overall runner up Championship for prizes of excellence in 17 events.
- Participated as team SGBAU in the AIU National Youth Festival 2019 held at Amity University, Noida-Delhi from 3rd-7th Feb 2020 and scored runners up in the events of Indian Group Song and Western Group Song. Students from 329 universities participated from all over India.
- Represented India as the team of SGBAU in the South Asian Universities Festival 'SAUFEST-2020' held at Kurukshetra University, Kurukshetra under the aegis of Association of Indian Universities (AIU), New Delhi from 24th-28th Feb 2020 with the participation of 28 universities from all over South Asia for the event of Folk Orchestra.





GEMS of SSGMCE



Vaidehi Gawande represented SGBAU, Amaravati in Cultural Fests organized across the country

Her Achievements this year-

- Secured Color coat of Sant Gadge Baba Amravati University, Amravati in Classical Dance Solo as the representative of Shri. Sant Gajanan Maharaj College of Engineering, Shegaon. Around 3000 students participated from 350 colleges of SGBAU, organized at VMV college, Amravati.
- Participated as team SGBAU in the 15th Maharashtra State Inter University Youth Festival held at Gondwana University, Gadchiroli from 2nd-6th Dec 2019 for the events of Classical Dance Solo and Indian Folk Dance and secured 3rd position in Classical Dance Solo from 40 universities participated from all over Maharashtra.
- Participated as team SGBAU in the 35th Inter University Central Zone Youth Festival held at Jiwaji University, Gwalior from 18th-22nd Dec 2019 and secured 1st position in Classical Dance Solo as well as Folk Dance from 29 universities participated from Central Zone, India. SGBAU scored the overall championship for Dance as well.
- Represented team SGBAU in the 35th AIU National Youth Festival held at Amity University, Noida-Delhi from 3rd-7th Feb 2020 and scored runners up from 329 universities participated from all over India





Highest Packages Offered to our Students

BYJU's (10 LPA)



Ajay Thakur



Anand Kharat



Apeksha Deshmukh



Atmanand Gore



Dhanraj Dhanokar



Mayank Agrawal



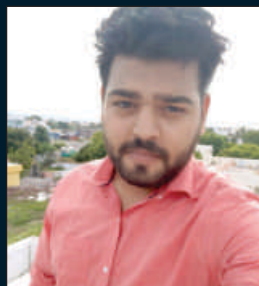
Prathamesh Dharamthok



Rohan Dange



Shraddha Salivkar



Swapnil Sangle



Vrushali Kale

Vedantu (5.5 LPA)



Punit Pahune

Value Momentum (5 LPA)



Aman Gupta



Highest Packages Offered to our Students

AAS Innovation (5 LPA)



Anand Kharat



Shubham Kulkarni



Pawan Hiwarkar



Rushikesh Deshmukh

Global Logic (4.8 LPA)



Ajinkya Bawaskar



Manali Modi



Rashmi Joshi

Adani Electricity (4.4 LPA)



Amol Sonune



Ganesh Badhe



Mayur Talole



Raghavendra Karale



Shreyas Deshmukh



Shrijit Thorat



Vishwanath Javanjal



PLACEMENT RECORD OF YEAR 2019-2020

Sr.	Name of Company	Branchwise Tally	Name of Students	
1.	Value Momentum Software Services Pvt. Ltd., Hyderabad	CSE - 17 EXTC - 09 MECH - EE - 02 IT - 03 Total - 31	Aboli Chintawar (R) Dipali Kharat(R) Madhu Mandhane(R) Karan Bilakhiya(R) Preety Panjwani(R) Neha Mahalle(R) Raksha Gangan(R) Shraddha Karale(R) Vaishnavi Kale(R) Amey Band(R) Aman Gupta(R) Ajinkya Bawaskar(R) Pranav Chaudhari(R) Pritesh Dammani(R) Sandeep Kumar(R) Suyog Deshmukh(R)	Yash Paliwal(R) Bidisha Bose(U) Isha Sayani(U) Janhvi Mangle(U) Sayali Pusegaonkar(U) Sonia Berojya(U) Gaurav Bajaj(U) Pankaj D Wagh (U) Pratik Chincholkar(U) Shantanu Gawande(U) Manali Modi (N) Bhushan Lande(N) Toukir Arif Dosani(N) Vishwanath Javanjal (S) Ashutosh Pasarkar (S)
2.	TCS Ltd., Pune	CSE - 11 EXTC - 07 MECH - 02 EE - 05 IT - 11 Total - 36	Aboli Chintawar (R) Vaishnavi Kale (R) Rashmi Joshi (R) Raksha Gangan (R) Devanshu Thakre (R) Shivam Sharma (R) Prashanthi Gantasala (R) Megha Shrawgi (R) Sanchit Datir (R) Nikita Bhansali (R) Rajat Ninawe (R) Ashutosh Pasarkar (S) Radhika Agnihotri (S) Shivam Chavhan (S) Prachi Randhe (S) Yash Gyanchandani (S) Yash Pethe (U) Pratik Chincholkar (U)	Gaurav Bajaj (U) Rishikesh Rath (U) Vinaya Mahajan (U) Mukul Dubey (U) Yashaswi Patki (N) Jai Manorkar (N) Aafrin Deshmukh (N) Toukir Dosani (N) Madhura Kannadkar (N) Sahil Lunawat (N) Pranjali Boralkar (N) Manali Modi (N) Nitisha Agrawal (N) Nikita Darokar (N) Harsha Gawande (N) Unmesh Gatade (M) Hrishikesh Tupkari (M) Krutika Bhusari (U)
3.	Global Logic, Nagpur	CSE - 02 IT - 01 Total - 03	Rashmi Joshi (R) Ajinkya Bawaskar (R)	Manali Modi (N)
4.	Jade Global, Pune	CSE - 01	Shubham Ravekar (R)	
5.	Bizsense Solutions Pvt.Ltd., Nagpur	CSE - 02 IT - 01 Total - 03	Ashutosh Bathe (N) Bhushan Kadu (R) Sahil Mune (R)	
6.	Proton Engineering, Mumbai	MECH - 02	Kalyani Agnihotri (M) Aniket Gulhane (M)	
7.	Cognizant Technology Solutions India Pvt. Ltd., Pune	CSE - 05 EXTC - 07 MECH - 01 EE - - IT - 01 Total - 14	Priyanka Sontakke (R) Akshay Chandankhede (R) Balabhau Mali (R) Krishna Rath (R) Shubham Nimbalkar (R) Abhishek Gawali (N) Apeksha Deshmukh (U) Neha Singh (U)	Abhishek Dongare (U) Ajay Thakur (U) Anand Pawar (U) Rushikesh More (U) Saurabh Gawali (U) Mohd., Memon (M)



PLACEMENT RECORD OF YEAR 2019-2020

Sr.	Name of Company	Branchwise Tally	Name of Students	
8.	Wipro Technology, Pune	CSE - 05 EXTC - 02 Total - 07	Priti Panjwani (R) Sanchit Datir (R) Shivam Sharma (R) Hitesh Vaidya (R)	Pragati Gawande (R) Anand Pawar (U) Maroof Ahmad (U)
9.	Ttec	CSE - 02	Priyanka Mundhada (R)	Jay Chaware (R)
10.	Tudip Technologies Pvt. Ltd., Pune	CSE - 01	Tejal Nandapure (R)	
11.	Hexaware Technologies, Pune	IT - 01	Jayashri Salampuriya (N)	
12.	Vanessa Cosmetics, Khamgaon	MECH - 06 EE - 02 Total - 08	Aman Ojha (M) Aniket Gulhane (M) Anup Lahamge (M) Pranav Chandurkar (M)	Punit Pahune (M) Rohan Tiwari (M) Ankush Bhople (S) Sagar Jawaharmalani (S)
13.	FACE, Coimbatore	IT - 02	Jayashri Salampuriya (N)	Janhavi Ambolkar (N)
14.	AAS Innovation "SAARTHI", Nashik	CSE - 05 EXTC - 09 MECH - 16 EE - 07 IT - 06 Total - 43	Pragati Gawande (R) Rutuja Wasu (R) Shruti Umbarkar (R) Shrutika Nakaskar (R) Sourabh Namdeo (R) Jagruiti Kalambe (N) Pushkar Jaodand (N) Rushikesh Bangar (N) Shivani Nichat (N) Siddhi Kotak (N) Subhrut Taori (N) Aanchal Wankar (U) Agney Arun Bhople (U) Anand Kharat (U) Atmanand Gore (U) Pawan Hiwarkar (U) Rushikesh Deshmukh (U) Shivani Ramesh Pohare (U) Shubham Kulkarni (U) Vaishnavi Jahagirdar (U) Abhishek Gorakh (M) Ajay Chawale (M)	Akshay Choudhari (M) Akshay Tikar (M) Amit Parihar (M) Aniket Bandewar (M) Aniket Gulhane (M) Bhika Sabe (M) Dhanraj Dhanokar (M) Gaurav Thote (M) Mohd. Azhroddin (M) Rushikesh Tajne (M) Shraddha Salivkar (M) Shubham Soni (M) Sumit Ingole (M) Suraj Shelke (M) Akshay Tumane (S) Monika Dipke (S) Ridhish Awaghad (S) Rohan Dange (S) Roshani Borakhade (S) Vaishnavi Vairagade (S) Vijay Podey (S)
15.	NRB Bearing, Aurangabad	MECH - 04 EE - 04 Total - 08	Aniket Bandewar (M) Kalyani Agnihotri (M) Kewal Khondekar (M) Namita Dahake (M)	Pankhuri Jagdale (M) Shraddha Salivkar (M) Vaibhav Garve (M) Roshani Borakhade (S)
16.	InfoVision Labs (IVL), Pune	CSE - 04 IT - 04 Total - 08	Bhavika Patil (R) Priyanka Mundhada (R) Rutuja Wasu (R) Shrutika Nakaskar (R)	Janhavi Ambolkar (N) Jigar Wakhariya (N) Pratik Thorat (N) Vidya Karmargulwar (N)



PLACEMENT RECORD OF YEAR 2019-2020

Sr.	Name of Company	Branchwise Tally	Name of Students	
17.	Capgemini Ltd., Mumbai	CSE - 06 EXTC - 04 MECH - EE - 02 IT - 02 Total - 14	Neha V. Mahalle (R) Preety R. Panjwani (R) Rutuja R. Wasu (R) Sanchit S. Datir (R) Shraddha N. Karale (R) Vikram S. Mohite (R) Jayesh T. Bagani (N)	Siddhi A. Kotak (N) Gaurav N. Bajaj(U) Kiran Adhao (U) Sayali Malode (U) Vaishnavi Jahagirdar (U) Mohini R.Dhekekar (S) Raghavendra Karale (S)
18.	BYJUs the Learning App, Bangalore	CSE - EXTC - 07 MECH - 02 EE - 01 IT - 01 Total - 11	Dhanraj Dhanokar (M) Shraddha Salivkar (M) Rohan Dange (S) Ajay Thakur (U) Anand Kharat (U) Apeksha Deshmukh (U)	Atmanand Gore (U) Mayank Agrawal (U) Prathamesh Dharamthok (U) Swapnil Sangle (U) Vrushali Kale (N)
19.	SingularityAIX, Pune	IT - 03	Ashish Bhagwat (N) Dhiraj Kharode (N)	Mohit Agrawal (N)
20.	CMS IT Services Pvt. Ltd., Nagpur	EXTC - 01 EE 01 IT 02 Total 04	Mrunali Wankhade (N) Prakhar Gangrade (N) Atharv Shastri (U) Sneha Fulari (S)	Mohit Agrawal (N)
21.	Vedantu Innovations Pvt. Ltd., Bangalore	MECH - 01	Punit Pahune (M)	
22.	Makxenia Engineering Resources Pvt.Ltd., Nagpur	EXTC - 01	Atmanand Gore (S)	
23.	Adani Electricity Mumbai Ltd., Mumbai	EE - 07	Amol Sonune (S) Ganesh Badhe (S) Mayur Talole (S) Raghavendra Karale (S)	Shreejit Thorat (S) Shreyas Deshmukh (S) Vishvanath Javanjal (S)
24.	Bajaj Electricals Ltd	EXTC - 03	Prajakta Kale (U) Pratiksha Kale (U) Rutuja Bonde (U)	
25.	Finolex Cables Pune-Goa	MECH - 08 EE - 01	Abhishek Agrawal (M) Abhishek Gorakh (M) 3Aditya Wadatkar (M) Aniket Bandewar (M) Aniket Gulhane (M)	Aniket Lahase (M) Bhika Sabe (M) Govardhan Rokade (M) Niliket Deshmukh (S)

	CSE	EXTC	MECH	EE	IT	TOTAL
Total Students Placed	63	59	45	29	40	236



PLACEMENT RECORD OF YEAR 2019-2020

Sr.	Name of Company	Branchwise Status					No. of Students Placed
		C S E	E X T C	M E C H	E E	I T	
01	Value Momentum Software Services Pvt. Ltd., Hyderabad	17	09		02	03	31
02	TCS Ltd., Pune	11	07	02	05	11	36
03	Global Logic, Nagpur	02	-	-	-	01	03
04	Jade Global, Pune	01	-	-	-	-	01
05	Bizsense Solutions Pvt.Ltd., Nagpur	02	-	-	-	01	03
06	Proton Engineering, Mumbai	-	-	02	-	-	02
07	Cognizant Technology Solutions India Pvt. Ltd., Pune	05	07	01	-	01	14
08	Wipro Technology, Pune	05	02	-	-	-	07
09	Ttech, Ahmedabad	02	-	-	-	-	02
10	Tudip Technologies Pvt. Ltd., Pune	01	-	-	-	-	01
11	Hexaware Technologies, Pune	-	-	-	-	01	01
12	Vanesa Cosmetics, Khamgaon	-	-	06	02	-	08
13	FACE, Coimbatore	-	-	-	-	02	02
14	AAS Innovation "SAARTHI", Nashik	05	09	16	07	06	43
15	NRB Bearing, Aurangabad	-	-	07	01	-	08
16	InfoVision Labs (IVL), Pune	04	-	-	-	04	08
17	Capgemini Ltd., Mumbai	06	04		02	02	14
18	BYJU's the Learning App, Bangalore	-	07	02	01	01	11
19	SingularityAIX, Pune	-	-	-	-	03	03
20	CMS IT Services Pvt. Ltd., Nagpur	02	02	-	01	02	07
21	Vedantu Innovation Pvt.Ltd., Bangalore	-	-	01	-	-	01
22	Makxenia Engineering Resources Pvt.Ltd., Nagpur	-	01	-	-	-	01
23	Adani Electricity Mumbai Limited., Mumbai	-	-	-	07	-	07
24	Bajaj Electricals Ltd	-	03	-	-	-	03
25	Finolex Cables Pune-Goa	-	-	08	01	-	09
26	MBA						33
	Total Students Placed	63	59	45	29	40	269

TEAM TATTWADARSHI

2020

Prof. Sachin Bhagat
Faculty Advisor



Anand Kharat
Chief Editor



Ajay Thakur
Associate Chief Editor



Shantanu Nashine
Editor (English)



Janvi Sarode
Editor (Marathi)



Shreyas Pole
Editor (Hindi)



Saumya Agrawal
Editor (Technical)



Karan Mali
Editor (Sanskrit)



Mohammad Kamran
Editor (Urdu)



Akash Chandere
Member (English)



Shraddha Khatri
Member (English)



Kiran Kolte
Member (Marathi)



Hariom Modokar
Member (Marathi)



Hritik Kahalkar
Member (Hindi)



Siddhant Gupta
Member (Hindi)



Vivek Bhore
Member (Technical)



Sayali Joshi
Member (Technical)



Yogesh Kshirsagar
Member (Sanskrit)



Pranav Bhopale
Member (Sanskrit)



Mujahid Ahmed
Member (Urdu)



Atmanand Gore
Member (Layout/Graphics)



Chirayu Shewade
Drawing/Sketching



Suraj Shelke
News/Reports



Mayuri Sonone
Photography



Devdatt Nimbalkar
Member (MBA - Representative)



Bhushan Hajare
B. E. First Year Representative

MEDIA COVERAGE



MEDIA COVERAGE

श्रीसंत गजानन महाराज अभियांत्रिकी महाविद्यालयाच्या विद्यार्थ्यांची टाटा कन्सल्टन्सी सर्व्हिसेसमध्ये निवड

• सोम, १५ मार्च
श्रीसंत गजानन महाराज अभियांत्रिकी महाविद्यालयाच्या विद्यार्थ्यांची टाटा कन्सल्टन्सी सर्व्हिसेसमध्ये निवड झाले. या निवडीत १५ विद्यार्थ्यांची निवड झाली. या निवडीत १५ विद्यार्थ्यांची निवड झाली. या निवडीत १५ विद्यार्थ्यांची निवड झाली.



महाविद्यालयीय प्रमुख

गजानन महाराज अभियांत्रिकीच्या विद्यार्थ्यांना १ लाखाचे पारितोषिक

दिव्यमराठी, 28 Feb | Buidhana Pullout



गजानन महाराज अभियांत्रिकीच्या विद्यार्थ्यांना १ लाखाचे पारितोषिक

श्री संत गजानन महाराज अभियांत्रिकी महाविद्यालयाच्या विद्यार्थ्यांची निवड

सकाळ, १५ मार्च



श्री संत गजानन महाराज अभियांत्रिकी महाविद्यालयाच्या विद्यार्थ्यांची निवड

संत ग. म. अभियांत्रिकी महाविद्यालयाचे १९ विद्यार्थी विद्यापीठ गुणवत्ता यादीत

• सोम, १६ फेब्रुवारी
संत ग. म. अभियांत्रिकी महाविद्यालयाचे १९ विद्यार्थी विद्यापीठ गुणवत्ता यादीत



संत ग. म. अभियांत्रिकी महाविद्यालयाचे १९ विद्यार्थी विद्यापीठ गुणवत्ता यादीत

यश श्री संत गजानन महाराज अभियांत्रिकी महाविद्यालयाचे विद्यार्थ्यांची इफोव्हिजन लॅप्स कंपनीमध्ये निवड

यश, २८ मार्च



यश श्री संत गजानन महाराज अभियांत्रिकी महाविद्यालयाचे विद्यार्थ्यांची इफोव्हिजन लॅप्स कंपनीमध्ये निवड

चौदा विद्यार्थ्यांची कॉग्निझंट कंपनीमध्ये निवड

सकाळ, २८ मार्च



चौदा विद्यार्थ्यांची कॉग्निझंट कंपनीमध्ये निवड

श्री संत गजानन महाराज अभियांत्रिकीची भारती 'साउथ एशियन युनिव्हर्सिटी फेस्टिवल' मध्ये वेदही गावडे या शताशी देशमुखने केले प्रतिनिधित्व

सकाळ, २८ मार्च



श्री संत गजानन महाराज अभियांत्रिकीची भारती 'साउथ एशियन युनिव्हर्सिटी फेस्टिवल' मध्ये वेदही गावडे या शताशी देशमुखने केले प्रतिनिधित्व

श्री संत गजानन महाराज अभियांत्रिकी महाविद्यालय के छात्रों का बायजूज में चयन

हर हर हर



श्री संत गजानन महाराज अभियांत्रिकी महाविद्यालय के छात्रों का बायजूज में चयन

श्री संत गजानन महाराज अभियांत्रिकी महाविद्यालयाचे यश

सकाळ, २८ मार्च



श्री संत गजानन महाराज अभियांत्रिकी महाविद्यालयाचे यश

MEDIA COVERAGE



MEDIA COVERAGE

श्री. ग. म. अभियांत्रिकी महाविद्यालयाच्या विद्यार्थ्यांची अदानी इलेक्ट्रिसिटीत निवड

अंतिम वर्षाच्या विद्यार्थ्यांसाठी कॅम्पस प्लेसमेंटचे आयोजन

श्रीगवाय • तालुका प्रतिनिधी

केवेल श्री गजानन महाराज अभियांत्रिकी महाविद्यालयाच्या सहा विद्यार्थ्यांची अदानी इलेक्ट्रिसिटी लि. मुंबई या कंपनीमध्ये अभियांत्रिकी इंटर्नशिपसाठी कॅम्पस प्लेसमेंटचे आयोजन करण्यात आले. या कॅम्पस प्लेसमेंटचे आयोजन १७ ऑगस्ट २०२० रोजी सकाळी १० वाजेला.



अभियांत्रिकी विभागाच्या विद्यार्थ्यांच्या निवड प्रक्रियेसाठी आयोजित झालेले कॅम्पस प्लेसमेंटचे आयोजन.

अभियांत्रिकी विभागाच्या विद्यार्थ्यांच्या निवड प्रक्रियेसाठी आयोजित झालेले कॅम्पस प्लेसमेंटचे आयोजन.

9:39 Buldhana Live, 03 Mar... deshonnati.digitaledition.in

4/8

श्री संत गजानन महाराज अभियांत्रिकीमध्ये राष्ट्रीय चर्चासत्र



राष्ट्रीय चर्चासत्रात उपस्थित असलेले व्यक्ती.

श्री संत गजानन महाराज अभियांत्रिकी महाविद्यालयाच्या विद्यार्थ्यांच्या निवड प्रक्रियेसाठी आयोजित झालेले कॅम्पस प्लेसमेंटचे आयोजन.

तारुण भारत Aloha Main | 2020-07-08 | Page-6

श्रीसंत ग. म. अभियांत्रिकीच्या विद्यार्थ्यांची बायजूमध्ये निवड

श्रीगवाय • तालुका प्रतिनिधी

श्री संत गजानन महाराज अभियांत्रिकी महाविद्यालयाच्या विद्यार्थ्यांच्या निवड प्रक्रियेसाठी आयोजित झालेले कॅम्पस प्लेसमेंटचे आयोजन.



राष्ट्रीय चर्चासत्रात उपस्थित असलेले व्यक्ती.

श्री संत गजानन महाराज अभियांत्रिकी महाविद्यालयाच्या विद्यार्थ्यांच्या निवड प्रक्रियेसाठी आयोजित झालेले कॅम्पस प्लेसमेंटचे आयोजन.

दैनिक भास्कर बुलढाणा/खामगांव

संथान • छात्रांनी नेदिल्ल्या कौशल्याच, नई कल्पनाओं को खूब बिखेरा

अभियांत्रिकी महाविद्यालय में दो दिवसीय राष्ट्रीय चर्चासत्र को मिला प्रतिसाद



राष्ट्रीय चर्चासत्रात उपस्थित असलेले व्यक्ती.

श्री संत गजानन महाराज अभियांत्रिकी महाविद्यालयाच्या विद्यार्थ्यांच्या निवड प्रक्रियेसाठी आयोजित झालेले कॅम्पस प्लेसमेंटचे आयोजन.

श्री संत गजानन महाराज अभियांत्रिकी महाविद्यालयाच्या विद्यार्थ्यांच्या निवड प्रक्रियेसाठी आयोजित झालेले कॅम्पस प्लेसमेंटचे आयोजन.

गिज्ञा / मिला जुला दैनिक भास्कर

अभियांत्रिकी के छात्रों का इन्फोविजन लैक्स में चयन



राष्ट्रीय चर्चासत्रात उपस्थित असलेले व्यक्ती.

श्री संत गजानन महाराज अभियांत्रिकी महाविद्यालयाच्या विद्यार्थ्यांच्या निवड प्रक्रियेसाठी आयोजित झालेले कॅम्पस प्लेसमेंटचे आयोजन.

श्री संत गजानन महाराज अभियांत्रिकी महाविद्यालयाच्या विद्यार्थ्यांच्या निवड प्रक्रियेसाठी आयोजित झालेले कॅम्पस प्लेसमेंटचे आयोजन.

श्रीसंत गजानन महाराज अभियांत्रिकीच्या विद्यार्थ्यांची झेप!

कॅम्पस मुलाखतीत दहा विद्यार्थ्यांची नामांकित कंपनीमध्ये निवड



राष्ट्रीय चर्चासत्रात उपस्थित असलेले व्यक्ती.

श्री संत गजानन महाराज अभियांत्रिकी महाविद्यालयाच्या विद्यार्थ्यांच्या निवड प्रक्रियेसाठी आयोजित झालेले कॅम्पस प्लेसमेंटचे आयोजन.

श्री संत गजानन महाराज अभियांत्रिकी महाविद्यालयाच्या विद्यार्थ्यांच्या निवड प्रक्रियेसाठी आयोजित झालेले कॅम्पस प्लेसमेंटचे आयोजन.

मराठी विभाग





संपादकीय

तत्त्वदर्शी मासिकासाठी लेखनात मला अपार आनंद वाटतो. हे मासिक लेखक आणि कलाकारांसाठी एक उत्तम व्यासपीठ आहे. मी या मासिकाशी २ वर्षांपूर्वी संपर्क साधला आणि तेव्हापासून ते एक एक अविश्वसनीय प्रवास. आपल्या सर्जनशील स्व संपर्कात रहाणे एकाच वेळी अत्यंत आवश्यक आणि महत्वाचे आहे. वार्षिक मासिकाच्या पुढाकाराचे मला नेहमीच कौतुक वाटेल.

होमो सेपियन्स म्हणून आम्ही अनेक वयोगटामध्ये बरेच बदल केले आहेत परंतु एक गोष्ट जी बदलली नाही ती म्हणजे संप्रेषण करणे आणि आपले विचार व्यक्त करणे. लोकांशी संवाद साधण्याचा आमचा मार्ग खूप बदलला आहे. पूर्वीच्या इतिहासात ही एक सांकेतिक भाषा होती आणि आता आपल्याकडे जगभरात १००० प्रकारच्या विविध प्रकारच्या भाषा आढळल्या आहेत. पण बऱ्याच भाषा या धोक्यात आल्या आहेत आणि आपण त्या जतन करायच्या आहेत हे देखील आपण लक्षात ठेवले पाहिजे. परंतु प्रश्न उद्भवतो की आपण त्यांचे जतन करण्यात कसे योगदान देऊ शकतो, आपण तयार करू शकतो जागरूकता, विज्ञानाच्या या गोंधळात आपले साहित्य मागे राहू नये, याची काळजी घेतली पाहिजे. अभियांत्रिकी हा एक विज्ञान प्रवाह आहे, आम्ही मुख्यतः नवीन तंत्रज्ञान आणि कौशल्ये शिकण्याच्या दृष्टीने समर्पित आहोत. या सर्वांमध्ये आपण साहित्य आणि संस्कृतीशी संपर्क साधण्यास विसरू नये. आपल्या व्यक्तिमत्त्वाच्या क्रिएटिव्ह बाजूशी संपर्क साधण्याचे काम तत्त्वदर्शी मासिकाने केले आहे. आपल्या कल्पना व विचारांचे लिहणे केवळ तुकडा वाटू शकतो परंतु त्याची प्रत्यक्ष खूप कष्ट, म्हणून आपण वर्षातून किमान एक दिवस तरी लिहिले पाहिजे. आम्ही मासिकाने दिलेल्या संधीचा पुरेपूर फायदा घेतला पाहिजे. यावेळी आम्ही विद्यार्थ्यांना त्यांचे लेख सादर करण्यास विषयांवर बंधन घालण्याचा निर्णय घेतला आहे, आम्ही कोणतीही मर्यादा ठेवली नाही आणि एक म्हणून याचा परिणाम आम्हाला मोठा आधार मिळाला आहे. अव्यक्त शोधला गेला आहे. तत्त्वदर्शी बरोबर काम करणे खूप माहितीपूर्ण होते आणि मला खूप चांगला वेळ मिळाला.

आदरणीय प्राचार्य डॉ. एस. बी. सोमानी सर आणि आमचे मुख्य संपादक प्रा. एस. व्ही. भगत सर यांचे वेळोवेळी मार्गदर्शन आणि नैतिक सहकार्य केल्याबद्दल मी त्यांचे आभारी आहे. मी प्रत्येक विद्यार्थ्याचे आभार मानते.

 **जानवी सरोदे**

तृतीय वर्ष,

संगणक अभियांत्रिकी



अनुक्रमणिका

- गद्य विभाग -

अनु क्र.	शिर्षक	लेखकाचे नाव
१.	जीवन हे	अभिषेक लंबे
२.	आयुष्याची वाट नेमकी कुठे ?	नेहा मौन्देकर
३.	आजची राजनीति	आशिष मेहरे
४.	काही शब्द	दिपक ढोले
५.	दसरा	आयुष नाफडे
६.	लोकसंख्येचा भस्मासुर	मयूर पांडे
७.	महान कोण ?	नमिता डहाके
८.	राजकारण आणि आजचा युवक !	राहुल पाटील



अनुक्रमणिका

- पद्य विभाग -

अनु क्र.	काव्य शिर्षक	काव्य लेखक/ लेखिका
१.	नातं	अंजली रानसिंग
२.	हौसला	अंजली रानसिंग
३.	भाषा माझी मराठी	अंकुर टिकाईत
४.	सोनेरी दिवस	अथर्व शास्त्री
५.	त्याला रडवते भाकर	ज्ञानेश्वरी खाडे
६.	आई	करण माळी
७.	आयुष्य	गोपाल कानडे
८.	सामर्थ्य	गोपाल कानडे
९.	ती	गोपाल कानडे
१०.	बालपण	मोक्षदा तावरे
११.	येरे येरे पावसा	शंकर शिंदे
१२.	स्त्री सशक्तीकरण	शिवानी जोशी
१३.	मन - डोक - आठवणींचे दिवस	नेहा मौन्देकर
१४.	मी अनुभवलेल्या पावसाचे क्षण	नेहा मौन्देकर
१५.	जीवन	स्नेहल साबळे
१६.	आत्महत्या केल्या नंतर खाली येऊन पाहिलेला हा माझ्या घरचा एक दृश्य....	मयुरी हेडा
१७.	प्रेम काय असतं प्रेम....	नमिता डहाके
१८.	विरह	ऋषिकेश पाटील
१९.	कविता	सृष्टी वडसकर
२०.	अरे ढगा तू रडत का नाही ?	सुरज शेळके



जीवन हे.....

या सृष्टीवरील अनेक प्रकारच्या जन्मामध्ये मनुष्य जन्म हा सर्वश्रेष्ठ मानला जातो. निसर्गाने दिलेल्या सर्वोत्कृष्ट नजराणा म्हणजे मानवी जीवन होय. जिवन हे मुळातच अनमोल आहे. त्याचे मुल्यांकन करता येत नाही, खरं म्हणजे जीवनाइतके सुंदर या जगातच नव्हे तर या ब्रम्हांडातच काही नाही. जीवनामध्ये आनंद आहे, सुख आहे, समाधान आहे तसेच दुःखही आहे, वेदना व यातना आहेत. त्याग, समर्पण, वैराग्य जसे आहे तसेच सुर, संगीत, विविध प्रकारचे रंग, तरंग आहेत.

प्रत्येक मनुष्य या सृष्टीमधील काही जीवनमुल्ये घेऊन जात आणि म्हणूनच - या सृष्टीचे जीवनगाणे जगणे मजला शिकवून गेले, झीलमीलणारे चंद्र चांदणे, जगणे मजला शिकवून गेले. जगण्याचा खरा अर्थ या सृष्टीमधूनच आपल्याला मिळत असतो, आणि यामधूनच कुणी छत्रपती बनतो तर कुणी प्रज्ञासुर्य, कुणी विवेकानंद, तर कुणी शांतीरत्न, तर कुणी शेक्सपियर तर कुणी संत कालीदास, कुणी संत तुकाराम तर कुणी संत कबीर बनतो. जगता जगता जे पहावयास, रोकावयास आणि अनुभवयास मिळते त्यानेक जीवनाचा खरा अर्थ पहावयास मिळतो.

**“हि सागराची अथांगता अन, हि वृक्षाची स्थीतप्रज्ञा,
दुसऱ्यासाठी घाव सोसणे, जगणे मजला शिकवून गेले.”**

इतरांसाठी जगणे व परोपकारासाठी जगणे हा वृक्ष जीवनाचा खरा अर्थ आहे. जे जागतीक किर्तीचे विचारवंत होऊन गेले, तत्वज्ञानी युगपुरुष होऊन गेले, महानकवी, लेखक, थोर साहीत्यीक होऊन गेले. त्यांनी आपल्या जीवनाचा अर्थ आदर्श जगापुढे ठेवला, खऱ्या अर्थाने जीवनाचा सार सांगितला, म्हणूनच बहिणाबाई चौधरी म्हणतात -

**“अरे जीवना - जीवना, तुझं न्यार ते तंतर
जन्म आणि मरण, एका श्वासाचं अंतर.”**

आपण जगात आलो श्वास घेऊन आलो आणि शेवटी मरतेसमयी श्वास याच ठिकाणी सोडावा लागला.

आदर्श व कृतार्थ जीवन जगण्यासाठी विनयशीलता, विनम्रता अंगी असावी लागते. जसे की, एखाद्या कलेक्टर झालेल्या विद्यार्थ्याने आपल्या वर्दीवर आपल्याच आदर्श शिक्षकाचा चरणस्पर्श केल्यास दोघांनाही परीसस्पर्श झाल्याची अनुभूती होते. याच प्रसंगातून जीवनाची यथार्थता व कृतार्थता कळते आणि याला अधिक महत्व दिल्या गेले पाहिजे आणि याचसाठी-

“धरा सज्जनाचा संग, बोलत असे श्रीरंग”

सत्याची व सज्जनाची सोबत केल्याने ईश्वर साक्षात मदतीला येतो. खऱ्या अर्थाने कृतार्थ जीवन मंदिराचा कळस ठरला पाहिजे. संकटाशी सामना करण्याची ताकद आली पाहिजे -

**“किती कुऱ्हाडीचे घाव आले छोडावर जरी, मुली मातीच्या कुशीत भारा कवळून धरी,
थेंबाथेंबाने ओढून घेई मातीतली ओल, प्रत्येकाला सापडावं त्याच्या जगण्याच तळं,
नव्या पानांनी झाकावे, जुने फांदीतले बळ.”**

या स्थितप्रज्ञ वृक्षाप्रमाणे जगण्याचा बळ प्रत्येकाला यायला पाहिजे. मनुष्य जीवन हे सतत वाहणाऱ्या निर्मळ प्रवाहीत असलं पाहिजे. जीवनाची व्यापकता व विशालता समजून घेऊन आपण जीवनाकडे पाहिले पाहिजे व तसे वागण्याचा किंवा जगण्याचा प्रयत्न केला पाहिजे, तरच खऱ्या अर्थाने आपले जीवन हे अर्थपूर्ण होईल असे मला वाटते.

अभिषेक लांबे

प्रथम वर्ष

यांत्रिकी अभियांत्रिकी



आयुष्याची वाट नेमकी कुठे ?

आयुष्य शब्द उच्चारताच आपल्या जीवनातील संपूर्ण आयुष्याची आठवण येते. त्यात मग इतिहास असो वा भविष्य. कधी आयुष्य हसत - हसत हसवतो, तर कधी रडत - रडत रडवतो. कधी हसत रडवतो, तर कधी रडत हसवतो. नेमका ऊन - सावली असल्याचा खेळ हा आपल्या सोबत खेळून शेवटच्या क्षणाला निघून जातो. कधी त्याचं रूप हे नदीतल्या खळखळणाऱ्या पाण्यासारखं असतं तरं कधी समुद्राच्या लाटांसारखं. कधी एकाच क्षणात खूप काही देऊन जातो तर कधी एकाच क्षणात खूप काही घेऊन जातो.

जीवनात येणाऱ्या प्रत्येकांशी ओळख करून देतो आणि नकळत प्रत्येकांबद्दल भावना निर्माण करून जातो आणि या भावनातच कधी कुणाबद्दल राग, कधी चिड, कधी प्रेम, कधी उत्साह, तर कधी समाधान निर्माण होते. कधी याच आयुष्यात त्या बांधलेल्या धाग्याप्रमाणे गुंतल्यासारखं वाटतं. तर कधी संथ पाणी असलेल्या नदीच्या किनाऱ्यावर बसून थंडगार वाऱ्याचा आस्वाद आणि मोकळा श्वास घेतल्यासारखं वाटतं.

आयुष्याची व्याख्या कशी करायची तेच नेमकं कळत नाही. कारण प्रत्येकाच आयुष्य हे बदलत असतं, वेगळ असतं. या आयुष्याच्या आयुष्यात आयुष्य जगणं फार कठीण आहे कि सोपं आहे हे आयुष्यच शिकवतं.

आयुष्याचा रस्ता तर खडतर असतो पण तरीही तो सोपा वाटतो, कारण नकळत काही गोष्टी आपण करतो. जेव्हा कळतं तेव्हा त्याच गोष्टी फार कठीण आणि रस्ता हा विचकट, अडकणारा, गुलाबाच्या काट्यासारखा वाटतो.

कधी डोळ्यात अश्रु असतांना सुद्धा नटसम्राटाप्रमाणे आयुष्याचा नट बनून आयुष्यात असणाऱ्या लोकांसाठी हसावं लागतं. कधी या गोड हसणाऱ्या ओठांच्या मागचं लपलेलं दुःख कोणी ओळखतं, तर काहींना तर त्याची भूरळ पडते. कधी काही गोष्टींना पकडून आयुष्याची वाट लावायला निघत असतो तर कधी अर्जुनाप्रमाणे धैर्य - शौर्याने आयुष्य घडवायला निघत असतो.

हाच आयुष्य स्वतंत्र मिळाल्या नंतर तिरंगाला हातात सोपवून शिवाजी महाराजांसारखा गजर करायला लावतो. तर कधी टोकदार तीर लागणाऱ्या रावणाप्रमाणे तडपत मरायला लावतो. यात खरा बदलाव तर आपल्या आयुष्याला येत असतो. आपलं डोकही तेच असतं आणि आपलं मनही तेंच असतं. आपल्याला दुसऱ्यांसोबत खेळायला आवडतं, म्हणून आयुष्यालाही आपल्यासोबत खेळायला आवडतं.

का म्हणून आपण इतके वर्ष आयुष्याची खेळायचं.. का म्हणून त्याला इतकं जुळवून घ्यायचं.. का म्हणून त्याला मित्र बनवून इतकी जवळीक द्यायची.. का त्याच्या सोबत जगायचं.. आयुष्य ही फक्त एक logical गोष्ट आहे Physical तर आपण आहोत. म्हणून हा आयुष्य फक्त आपल्या मनाशी खेळत असतो, कारण डोक्याला कधी तो Hurt नाही करू शकत. मला नाही आवडत हे आयुष्य, कारण आयुष्याने अतिशय आवडणाऱ्या गोष्टी मला कधी दिल्याच नाही. त्याने फक्त एक भाग त्याच्या आयुष्यात बनवण्याचा प्रयत्न केला, आणि आपण बनलो.

खूप झालं हे, पुरेशे झालं....

आता आयुष्याचा एक भाग नाही,

मला अख्खं आयुष्य बनायला आवडेल.

 नेहा मौन्देकर

तृतीय वर्ष

संगणक विज्ञान अभियांत्रिकी



आजची राजनीति

नुकत्याच दिल्लीच्या निवडणूका झाल्या, केजरीवाल सरकारने ६२ जागा जिंकल्या आणि दिल्लीची सत्ता मिळवली. ७० पैकी ६२ ते पण भाजप सरकारच्या विरोधात हे काही नवलाची गोष्ट नाही. त्यामागे मागच्या पाच वर्षात त्यांनी केलेले कामे व मेहनत हेच आहे. आजचे जग हे खूप स्वार्थी झाले आहे. कोणी समाजाचा, देशाचा विचार करायला तयार नाही, प्रत्येक जण स्वतःमध्ये गुंतलेले आहे.

आज सत्तेत असलेले सरकार काय करत आहे. त्यांच्या निर्णयामुळे संपूर्ण देशात अशांतता पसरत आहे. देशाला स्वतंत्र होऊन अवघे ७२ वर्षे झाली तरी पण आज धर्माच्या नावावर राजनीति केली जाते. आज प्रत्येक पार्टीची स्वतःची वोट बँक आहे. जसे राजनीति ही धर्माची लढाई झाली आहे, आणि याचा परिणाम असा की आज आमचा कास्तकार कर्जबाजारी झाला आहे. त्याला दोन वेळची भाकर सुद्धा नाही. आज आमची युवा पिढी डिग्री असूनही बेरोजगार आहे.

सरकार येत आहे, जात आहे पण मुद्दे तेच गरिबी हटाओ, बेरोजगारी हटाओ. भ्रष्टाचार बंद करो, पण गरिबी हटाओ.. हा नारा देत आज आमचे नेते खूप श्रीमंत होऊन बसले आहे. भ्रष्टाचाराचे प्रमाण खूप वाढले आहे. सर्वोपेक्षा अशांतता पसरली आहे.

खराब या गोष्टीचे वाटते की आमचे राजनेते, शिवाजी महाराजांच्या नावावर, हिंदू धर्मावर राजनीती करतात, ज्या माणसाने बुलंद स्वराज्याचे स्वप्न साकारलं त्यांना हे राजनेते स्वतःच्या वोट साठी मधात आणतात. त्यांच्यावर राजनीति केली जाते, ही अतिशय दुःखाची गोष्ट आहे. आज इतिहासाच्या प्रत्येक पानावर राजनीती केली जात आहे. ह्या शाहू फुले-आंबेडकर यांच्या देशाला आज वाटण्याची तयारी चालू आहे.

आज राजनीतिक बदलाव आणण्याची गरज आहे. देशातील युवांना पुढे येण्याची गरज आहे, देशासाठी काही करण्याची त्यांच्यात जाणीव असली पाहिजे. आज युवांच्या खांद्यावर मोठी जबाबदारी आहे, त्यांना हा देश सांभाळावा लागेल आणि त्यासाठी त्यांच्या विचारात परिवर्तन करणे गरजेचे आहे. विचारांचे परिवर्तन एकाच गोष्टीने होते ते म्हणजे ज्ञान आणि पुस्तके. महात्मा फुलेंनी सांगितले आहे, विद्येविना मती गेली, मतीविना नीती गेली, नीतीविना गती गेली, गतीविना वित्त गेले, वित्ताविना शूद्र खचले. इतके अनर्थ एका अविद्येने केले.

आज युवांना समोर येण्याची गरज आहे. त्यांनी त्यांच्या शिक्षणाला ढाल बनवून आणि विचारांना तलवार बनवून अन्यायाविरुद्ध युद्ध लढायचे आहे आणि या भारतभूमीला नव्या दिशेने, शांतीच्या दिशेने न्यायचे आहे. जिथे सर्वजण समान असतील, सर्व धर्म समान असतील आणि मानवता हाच सर्वात मोठा धर्म असेल.

✍ आशिष मेहरे

प्रथम वर्ष

संगणक अभियांत्रिकी





काही शब्द

नमस्कार मंडळी

एखाद्या दगडा वर कोरीव काम करावं आणि ते वर्षानुवर्षे तसच असावे याच जिवंत उदाहरण म्हणजे अजिंठा आणि वेरूळ च्या लेण्या, काहीसं असच आपल मानवी शरीर सुद्धा आहे ते दगड म्हणजे आपलं काळीज आणि त्या वरच कोरीव काम म्हणजे काही शब्द जे आपल्या मनावर कोरल्या जातात असेच काही शब्द माझ्या ही मनावर कोरल्या गेलेत त्याच कोरीव काम पेकी एक जे लपल होतं कुठल्या तरी कोपऱ्यात ह्या माझ्या दगडा वर होणाऱ्या बऱ्याच विचारांच्या तीव्र वरांच्या मागे

मी तसा खूप मनमिळावू स्वभावाचा आहे परंतु ते फक्त मित्रां मध्ये येच जर तुम्ही माझ्या नातेवाईकांना विचाराल तर मी खूप सभ्य पणाच उदाहरण बनू शकतो अगदी एखाद्या म्हशी वर बसलेला पक्षी की ज्याच अस्तित्व सुद्धा त्या म्हशीला माहीत नसत तसा मी माझ्या नातेवाईका मध्ये वावरतो...

माझी सर्वात मोठी चुलत आत्या तिच्या सोबत मी लहान पाणी खूप खेळायचो राहायचो तिचे ते शब्द, माफी असावी आपल्या आजच्या ब्लॉग च्या शब्दात कोरीव काम जे माझ्या दगडा वर झालं. माझ्या आत्याच्या घरी ते सर्व पाच लोक आहेत आत्या ,मामा, त्यांचा मुलगा, सून आणि त्यांचा नातू...

मी गेले १० वर्ष माझ्या आत्या ला भेटलो नव्हतो त्या दहा वर्षात खूप काही बदललं होत आत्या चा मुलगा एका अपघातात मरण पावला आता ते फक्त चार लोक आहेत

दहा वर्षां नंतर योग आला तिच्या घरी जाण्याचा आपला एकुलता एक मुलगा गेल्या वर आई ची काय परिस्थिती होते ते मला त्या दिवशी कळलं कधी काळी शेतातील सर्व काम करणारी, पटीतल पोहण असणारी तिच्या शरीरात नसा नसा मध्ये ऊर्जा असणारी, हो असणारी कारण मी जेव्हा तिला भेटलो तेव्हा ती एका बाजी वर झोपून होती मी तिला उठवल मी तिला आवाज दिला तिने विचारल कोण आहे मी तिला सांगितलं दीपक आता तिच्या ऐकण्याची क्षमता सुद्धा कमी झाली होती तिच्या त्या (expression) वाकप्रचारणे मला लगेच कळाल मी आता थोड मोठ्याने सांगितलं

आत्या मी दीपक, दीपक ढोले आणि आत्याच उत्तर होत येड्या मायाच्या हे वाक्य हे दोन शब्द एकूण मला आता १३ ते १४ वर्ष झाले असतील पण हे शब्द हे कोरीव काम जस माझ्या कानावर पडलं माझ माझ्या आत्या सोबत च लहान पण माझ्या डोळ्यासमोर एखादा चित्रपट सुरू असावा असं दिसतं होत येड्या मायच्या ह्या आत्या च्या बोलण्यावर मी नेहमी तिला उत्तर द्यायचो, येड्या मायचा नाही येड्या अत्याचा आहे मी हे उत्तर अर्थातच त्या दिवशी पण मी तिला देल आता तिचे डोळे भरून आले आणि तिच्या मनातून निघालेले शब्द पुन्हा माझ्या दगडावर कोरीव काम करून गेले आपल्या लेकरांच्या जिवा साठी मायच येडी असते रे बाबू असा असतो काही शब्दांचा अर्थ त्यांची जादू त्यांचा प्रभाव.

 दीपक ढोले

अंतिम वर्ष

परमाणु व दूरसंचार अभियांत्रिकी



दसरा

थोड लिहायचं आहे आज

आज खरच वाटलं आपल घर...आपला बुलढाणा... आता नाही ...इथे आल्यावर मित्र-मैत्रिणी खप झाल्या पण कितीही मोठा मित्रपरिवार असला तर सणाला मात्र घरची आठवण येतेच..आठवत अजून मला ते।समोरच्या पाटील काकूंच्या वाड्यातून आपट्याची पाने कसे तोडायची सगळी गल्लीतील मुलं.. दसऱ्याच्या एक दिवस आधी S2K मध्ये खरेदी करायचीदिवसभर तसा काहीच काम नसायचं...पण रात्री फिरण्याच्या च्या उत्सुकतेमध्ये दिवस पण निघून जायचा...सगळे ठरवायचं रात्री सगळे मित्र कुठे भेटणार...आई तर दररोज सारखा स्वयंपाक करताना दिसत होती तिला सुट्टी नसायची... हा पण 'पपा आजच्या दिवशी बसले सगळ्यांसोबत.. यांना असायची सुट्टी...दसरा नवरात्रीत गल्ली मध्ये देवी बसवायचे सगळे...आज पण त्या देवीचे दर्शन घायचे हे ठरलेलं गल्लीतील सगळ्यांचा...५-६ वाजेपासून बहिणीची तयारी चालू व्हायची..आमची घराच्या बाहेर पडायच्या १० min आधी... तयारी करतानाच मित्रांचे फोन वर फोन येतात...बुलढण्याच्या डोंगरावर नवरात्रीत एक वेगळाच माहोल बनलेला असतो 'चिखली रोड ' वर... मोठ्या देवीची जत्रा...इथे तर दसऱ्याच्या दिवशी संध्याकाळी वेगळाच...सौंदर्य दिसते बुलढण्याचं खास तयारी याच्यासाठीच चालते... ७ ला घराच्या बाहेर पडायचं घरातील सगळ्यांचे आशीर्वाद घेऊन गल्लीतल्या मोठ्यांच्या घरी जाऊन आशीर्वाद घ्यायचा... मित्रांची गळेभेट घ्यायची...गल्लीतील देवीच्या दर्शनाला जायचं...यावेळी शुभम सोबतच असायचा...'पाळणाघराजवळ' सगळे मित्र भेटनार मग चालू व्हायचा बुलढाण्याच्या प्रत्येक गल्लीतील दसरा...सगळे शाळा कॉलेज ची मित्रा गाडी काढायची प्रत्येक शिक्षकाच्या घरी जायचं....शिक्षक पण आजपण आम्हाला लहान समजून चॉकलेट द्यायचे ...शहरातील ओळखीच्या प्रत्येकाच्या घरी जायचं... चिखली रोड वरील देवी च्या दर्शनासाठी सगळ्यात शेवटी कारण तिथे किती वेळ जाईल हें सांगितलं नाही जात..ज्यांचं जमलेलं ते भेटणार बाकीचे त्यांना company द्यायला तयारच..मित्रच ते.. जत्रेतून काहीतरी कर्णकर्कश आवाजच वाजवायला घ्यायचा आणि गाडीवर वाजवत फिरायचं...हा पण आजसुद्धा जत्रेत 'खाकीतला माणुस' दिसतच होता त्याला सुट्टी नाही .

देवीचं दर्शन घेतलं की सगळं संपत आल ..मग घरी जायचा मन नव्हतं होत..शेवटचा stop 'चिंचोले चौक' बुलढण्याची marine drive शेवटी पुन्हा happy दसरा म्हणून घरी जायचा ...आता पण आठवण येते त्या दिवसाची.. 'दसरा' आता आलो इथे दूर शेगाव आलो आता ते दिवस ४ वर्ष पण नाही परत येणार आणि engineering म्हणल्यावर जॉब मुंबई -पुणे पण परत नाही 'बुलढाणा' त्यामुळे ४ वर्षाच की अकखा आयुष्य मी आठवण काढणार या दिवसाची हे नाही माहीत...पण आज इकडे होस्टेल ला काहीच नव्हतं बदललेला सगळं तेच सारखा होता इथे एक दिवसआधी S2K मध्ये नाही गेलो...देवीच्या दर्शनासाठी पण नाही गेलो बाबांना सुट्टी असून पण आज त्यांच्यासोबत नाही ...आई ला पण स्वयंपाक करताना नाही बघितले.. दीदी ची तयारी ३ तास आधी नाही चालू झाली...हा पण इथली पण आठवण ४ वर्षांनंतर येणारच...आता तर ENJOY करतोय सगळं..मला इथे कधीच बोर नाही झाला ...पण आज पहिल्यांदा मन कसतरी होतय.... बस इतकंच लिहायच होत.



आयुष नाफडे

द्वितीय वर्ष

माहिती तंत्रज्ञान अभियांत्रिकी



लोकसंख्येचा भस्मासुर

सध्याच्या स्थितीत भारतामध्ये मंदीचे वातावरण अनुभवायला मिळते आहे. वाढती बेरोजगारी ही आपल्याला सतावणारी समस्या दिवसेंदिवस वाढत आहे परंतु या बेरोजगारीचे मूळ शोधण्यात आपण कुठेतरी असमर्थ दिसतोय. त्याचबरोबर जागतिक तापमान वाढ, प्रदूषण, गरीबी, पर्यावरणासंबंधी अशा अनेक समस्यांना संपूर्ण जगाला तोंड द्यावे लागते आहे.

परंतु मला असे वाटते की या सर्व समस्यांचे मूळ हे दिवसेंदिवस वाढती लोकसंख्या आहे. आपण कल्पनाही करू शकणार नाही पण सध्या जगाची लोकसंख्या ही ७७० कोटींच्या घरात आहे. भारताचा जर विचार केला तर ज्या राष्ट्राने १९५२ मध्ये कुटुंब नियोजनाचा कार्यक्रम आरंभ केला होता. त्या भारताची लोकसंख्या १३५ कोटीसह जगातील सर्वात जास्त लोकसंख्या असणाऱ्या यादीमध्ये दुसऱ्या स्थानावर आहे. तर चीन १४२ कोटी लोकसंख्या सह जगात पहिल्या स्थानावर आहे. परंतु भारताचा लोकसंख्या वाढीचा दर मागील सत्तर वर्षांमध्ये झपाट्याने वाढला आहे. आपला देश स्वतंत्र झाला तेव्हा लोकसंख्या तेव्हाही कोटी होती म्हणजे त्या मध्येच आता तब्बल शंभर कोटींची भर पडली आहे. परंतु त्या तुलनेत आपला विकास दर मुळीच वाढला नाही.

एका नवीन आकडेवारीनुसार भारताची लोकसंख्या प्रतिदिन ५० हजाराने वाढते आहे. यानुसार तज्ञांच्या मते २०५० पर्यंत आपली लोकसंख्या १६० कोटीपर्यंत जाण्याची शक्यता आहे. जगाच्या एकूण लोकसंख्येपैकी साडेतेरा टक्के लोकसंख्या ही भारताची आहे. आता आपण मूळ मुद्द्यावर येऊया, जगाच्या एकूण लोकसंख्येपैकी साडेतेरा टक्के सहभाग हा भारताचा आहे, इथे मात्र जगाच्या एकूण जमिनीपैकी मात्र २.४ टक्के भाग भारताजवळ आहे. २०१८ च्या ताज्या आकडेवारीनुसार भारताच्या लोकसंख्येची घनता ४१६ प्रति स्क्वेअर किलोमीटर आहे. म्हणजेच एका स्क्वेअर किलोमीटरमध्ये सुमारे ४१६ लोक राहतात. अशाप्रकारे जगातली लोकसंख्येच्या घनतेच्या आकडेवारीमध्ये भारत ३१ व्या स्थानावर आहे. मुंबईची स्थिती तर अत्यंत बिकट आहे मुंबईच्या लोकसंख्येची घनता ही २१ हजार लोक प्रति स्क्वेअर किलोमीटर आहे.

वाढत्या लोकसंख्येच्या हिशोबाने दरवर्षी सुमारे ५४ लाख टन धान्य उत्पादन वाढायला हवे, परंतु चाळीस लाख टन इतकेच आपण वाढवू शकलो आहोत. अशीच स्थिती राहिली तर आपण भारतातील प्रत्येक व्यक्तीचे पोट कसे भरू शकणार? थोडक्यात लोकसंख्या ही प्रचंड वेगाने वाढते आहे, परंतु त्या तुलनेत आपल्याकडे असलेल्या नैसर्गिक संसाधनांची उपलब्धता अत्यंत कमी आहे. त्यामुळे लोकसंख्या वाढीवर नियंत्रण आणणे काळाची गरज झाली आहे.

तुम्ही गोष्ट नक्कीच ऐकली असेल की एका व्यक्तीला सात मुले होती. तो व्यक्ती तिळाच्या दाण्याच्या रूपाने रोजीरोटी म्हणून घरी आणतो, खाणारे तर सात जण आहेत. त्यामुळे एका तिळाच्या दाण्याचे सात भाग करून त्यांना त्यांचा उदरनिर्वाह करावा लागतो. त्या जागी जर छोटा परिवार असेल तर मात्र सर्वांचे पोट व्यवस्थित भरू शकेल.

या गोष्टीमधून सांगण्याचा तात्पर्य हाच छोटा परिवार सुखी परिवार आहे. लोकसंख्येवर नियंत्रण आणण्यासाठी लोकांमध्ये जनजागृती आणणे गरजेचे आहे. एकोणीशे नव्वद साली जिथे प्रति १००० शिशु मागे मृत्यूदर १२९ होता, २०१७ साली कमी होत तो ४० झाला आहे. लोकांना त्याबद्दल माहिती नाहीये. त्यामुळे लोकांमध्ये अजूनही शिशूच्या जगण्याबद्दल साशंकता आहे. शंका दूर करणे गरजेचे आहे. त्यासाठी सुशिक्षित समाज तयार करणे ही काळाची गरज आहे.

वाढती लोकसंख्या ही सगळ्या समस्यांचे मूळ याकरिता आहे कारण, वाढत्या लोकसंख्या सोबतच लोकांना राहण्यासाठी जमिनीची मागणी दिवसेंदिवस वाढत आहे. त्याच बरोबर रस्त्यांवरील वाहनांची संख्या सुद्धा वाढत आहे. त्यांच्या गरजा पूर्ण करण्यासाठी झाडांची वारेमाप कत्तल करून नवीन उद्योग उभारले जात आहेत. त्यामुळे प्रदूषण वेगाने वाढते आहे.

थोडक्यात भारताच्या लोकसंख्येच्या वाढी प्रमाणे भारताची भूक सुद्धा वाढते आहे. त्या भुकेला क्षमवण्यासाठी भोगचढवणे तर आवश्यक आहे. मग हा भोग म्हणजे वृक्षतोड असो, अन्नसाखळीतील लोप होत चाललले सजीव घटक असो, पर्यावरणाचे बिघडते संतुलन असो, वाढते जागतिक तापमान असो, या स्वरूपात त्यांचा बळी दिला जातोय. थोडक्यात लोकसंख्याही एक प्रकारे लोकसंख्येच्या भस्मासुराचे रूप धारण करते आहे.

आपल्या पंतप्रधानांनी भारताच्या ७३ व्या स्वातंत्र्य दिनी लाल किल्ल्याच्या प्राचीर वरून लोकसंख्येबाबत चिंता व्यक्त केली. त्यामुळे त्यांच्याकडून ही आशा आहे, कि ते लोकांमध्ये त्याबाबत जनजागृती करून वाढत्या लोकसंख्या विरुद्ध मोहिम उभारतील परंतु त्यांच्या या चिंतेला काही लोक धार्मिक रंग देण्याचा प्रयत्न करीत आहेत कृपया याकडे धार्मिक चष्म्यातून कदापी पाहू नये. आपल्या उज्वल भविष्याच्या दृष्टीने ठोस भूमिका घेणे गरजेचे आहे. परंतु यावरही राजकारण झाले तर मात्र लोकसंख्येचा भस्मासुर आपल्याला गिळंकृत केल्याशिवाय राहणार नाही!



मयूर पांडे

तृतीय वर्ष

यांत्रिकी अभियांत्रिकी



महान कोण ?

एक साधीशी गोष्ट मला सांगायला आवडेल. तर गोष्ट अशी आहे कि एक रत्नप्रभा नावाची तरुण मुलगी होती. दिसण्यास अत्यंत सुंदर, श्रीमंत आणि बुद्धिमान. तिने आपलं सर्व शिक्षण पूर्ण केलं. आणि नंतर आपल्या गुरुजींना विचारलं, मी गुरुदक्षिणा म्हणून आपल्याला काय देऊ? त्यावर गुरुजी म्हणाले, तुझ्या वडिलांनी मला सर्वकाही दिलं आहे. तू त्याची काही चिंता करू नको. पण रत्नप्रभेने हट्ट धरला. आता गुरुजींना जरासा राग आला. आणि ते मनात म्हणाले आता या मुलीची धैर्याची परीक्षा घ्यायलाच हवी. आणि तिला आता एक अवघड अट घालतो म्हणजे मग ती सारखी त्रास देणार नाही! मग ते रत्नप्रभेला म्हणाले, अमावास्येच्या रात्री तू दागदागिन्यांनी मढुन, सजून एकटी माझ्या घरी ये. रत्नप्रभेच्या आणि गुरुजींच्या घराच्या मधात एक घनदाट अरण्य होत. रस्ता अत्यंत खराब होता. अरण्यात हिंस्त्र श्वापद होती; वाटेत एक नदी पार करावी लागत असे. रत्नप्रभेने क्षणभर विचार केला आणि ती आपल्या घरी निघून गेली. गुरुजी मनोमन खुश झाले. त्यांना वाटलं, आपण बरं हिला गप्प केलं.

अखेर अमावास्येची रात्र आली. रत्नप्रभेने अंगावर दागदागिने चढवले. आणि ती गुरुगृही जाण्यासाठी सज्ज झाली. तिच्या वडिलांनी तिला पाहिलं आणि ते अतिशय अस्वस्थ झाले. तू आता अशी यावेळी कुठे निघाली आहेस? त्यावर तिने घडलेला सर्व प्रकार सांगितला. तिच्या वडिलांना धक्काच बसला.

ते म्हणाले ,तुझे गुरुजी सज्जन, सतशील आहेत. कदाचित तूच त्यांना खूप त्रास दिला असशील, म्हणून धडा शिकवण्यासाठी त्यांनी तुला असं करायला सांगितलं असेल . माझी व त्यांची चांगली ओळख आहे. मी उद्या जाऊन त्यांना भेटेन व सारं काही स्पष्ट करून सांगेन. तू आता काही जाऊ नको. ते नक्की तुला क्षमा करतील. तू त्यांच्या मुलीसारखी आहे. पण रत्नप्रभेला काही ते पटलं नाही. तिने जाण्याचा हट्ट धरला तोही गुरुजींना वचन दिल्याप्रमाणे एकटीनेच जाण्याचा! एवढ्या भयानक अरण्यातून ती एकटी चालू लागली.

चालता चालता अचानक अरण्यात कोणीतरी तिला थांबवलं. तो एक तरुण चोर होता. त्याने आयुष्यात एवढे मौल्यवान दागदागिने कधीच पाहिलेले नव्हते. आज आपली चांगली कमाई होणार ,या विचाराने तो खुश झाला. त्याने तिला अडवलं...

पण ती क्षणभरही विचलित झाली नाही. ती म्हणाली , मी माझ्या गुरुजींना वचन दिलं आहे कि दागिन्यांनी मढुन तुमच्या घरी येईन. आणि मी दिलेला शब्द नेहमीच पाळते. पण मी माझ्या गुरुंना भेटून परत येतांना हे सर्व दागिने तुम्हाला देईन.

तिचं उत्तर ऐकून त्या चोराला फार नवल वाटलं. त्याने तिला जाऊ दिल. पण तिचा गुपचूप पाठलाग करत तोही निघाला. शेवटी ती गुरुजींच्या घरी जाऊन पोहोचली. तिने त्यांचा दरवाजा ठोठावला. गुरुजींना तिला पाहून आश्चर्याचा धक्का तर बसला पण खेदही वाटला. ते म्हणाले, मला वाटलं तू माझं बोलणं विनोद समजून हसण्यावर नेशील. तुला नाउमेद करण्यासाठी मी आपलं तसा म्हणालो. या एवढ्या संकटांना तोंड देऊन तू इथे येशील, असं मला मुळीच वाटलं नव्हतं .तू घरी जा, पोरी. माझा आशीर्वाद तुझ्या पाठीशी आहे. तू आपला शब्द पाळणारी स्त्री आहेस.

रत्नप्रभा माघारी फिरली, तेवढ्यात तो चोर तिच्यासमोर येऊन उभा राहिला. ती त्याला म्हणाली हे घ्या दागिने त्यावर तो चोर हसून म्हणाला , तुमच्यासारखी स्त्री सापडणे विरळाच. मला तुमच्याकडून काहीसुद्धा नको. तुमच्यासारखी माणसं काही नेहमी भेटत नसतात. रत्नप्रभा घरी पोहोचली. वडील दारात वाट पाहत होते. तिला पाहून ते खूप आनंदी झाले व तिला म्हणाले ,तू मोठ्या धीराची मुलगी आहेस. तू दिलेला शब्द पाळलास. आज तू खूप मोठा प्रवास करून आली आहेस. घरात ये आणि विश्रांती घे.



या कथेतून बोध काय घ्यायचा ? हा प्रश्न सगळ्यांना पडलेला असेलच काहींचे उत्तर हेही असेल कि, एवढं मोठं असं काय गोष्टीत? एक हट्टी, दुराग्रही मुलगी, मूर्ख शिक्षक, अव्यवहारी चोर आणि बेजबाबदार वडील.... नाही. पण हा त्या गोष्टीकडे पाहण्याचा आपाआपला दृष्टिकोन आहे. याच कथेचं विश्लेषण दुसऱ्या दृष्टीने करण्याचा प्रयत्न केला तर, धैर्यशाली रत्नप्रभा, कनवाळू व सहृदय शिक्षक, उदार मनाचा चोर आणि आपल्या मुलीच्या शब्दांना व मताला किंमत देणारे जबाबदार वडील. आता प्रश्न असा आहे कि, या गोष्टीतील सर्वात महान व्यक्ती कोण? कदाचित या गोष्टीचे चार प्रत्येकी एक हे सगळ्यांकडे असू शकते.

१) कोणाला वाटेल कि रत्नप्रभा थोर आहे कारण एवढे संकट तिच्यापुढे असतांना तरीही ती विचलित झाली नाही. तिला असंच वाटत होत कि आपण आपल्या गुरूंना गुरुदक्षिणा तर दिलीच पाहिजे.

२) एखाद्याच म्हणणं असही असेल कि आमच्या मते चोरच सगळ्यात थोर म्हणायला हवा; कारण नेहमी चोर दुसऱ्याला लुटत असतात. समोरच्या माणसाची पर्वा न करता. आणि त्या चोराचा तर कोणाशीच काही संबंध पण नव्हता. त्यामुळे त्या चोराला तर महात्माच म्हटलं पाहिजे.

३) कोणीं असही म्हणू शकेल कि गुरुजीच थोर होते. कारण रत्नप्रभा त्यांच्या दारात येऊन उभी राहिली तेव्हा त्यांना आश्चर्याचा धक्का बसला आणि तिची काळजी वाटली. त्यांनी तिला काहीच मागितलं नाही. उलट तिला प्रेमाने आशीर्वाद दिले.

४) एखाद्या व्यक्तीचं उत्तर हेही असू शकेल कि तिचे वडील सर्वात थोर होते. तिच्या वडिलांनी तिला स्वतःचा निर्णय स्वतः घेण्याचं स्वातंत्र्य दिले आहे.

पण माझ्या मते, खरं तर या कथेत अमुक एक व्यक्ती थोर आहे, असं निश्चितपणे कोणालाच सांगता येणार नाही. कारण आपण कोणाकडे कश्या दृष्टिकोनातून बघतो, त्यावर ते अवलंबून राहिल. त्याचप्रमाणे कोणताही प्रश्न समोर येऊन उभा राहिला, कि आपण त्या प्रश्नाकडे वेगवेगळ्या दृष्टिकोनातून पाहून त्याच्या विभिन्न पैलूंचा विचार केला पाहिजे. त्यामुळे आपण त्यानंतर ज्या निर्णयाला येऊन पोहचू, ते वेगवेगळे असू शकतील. आपली उत्तर निरनिराळी असू शकतील. आपण कधीही एखाद्या व्यक्तीवर दोषारोप करतो किंवा त्या व्यक्तीचा धिक्कार करतो, तेव्हा खरं तर त्या परिस्थितीत ती व्यक्ती तसं काबरं वागली असेल, हे समजून घेऊन आपण त्या व्यक्तीच वागणं योग्य होतं कि अयोग्य, हा निर्णय दिला पाहिजे.

कित्येकदा एखाद्या प्रश्नाचं अगदी शंभर टक्के बरोबर उत्तर नसतंच. अशा वेळी त्या प्रश्नाला काही उत्तरंच नाही, हेच त्याच उत्तर असू शकतं. तुमचा त्या गोष्टीकडे पाहण्याचा दृष्टिकोन कसा आहे, यावरसुद्धा बरंचसं अवलंबून असतं. मग आपला जो काही दृष्टिकोन असेल त्याच्या आधारावर आपण इतरांच्या वागण्याबद्दलचे निष्कर्ष काढतो. त्याच वागणं बरोबर कि चूक असा न्यायनिवाडा करतो.



नमिता डहाके

अंतिम वर्ष

यांत्रिकी अभियांत्रिकी



राजकारण आणि आजचा युवक !

राजकारण! आता राजकारण म्हटलं म्हणजे त्यात पक्ष आले, पैसा, प्रतिष्ठा, स्वाभिमान आणि राजकारणातील प्रमुख घटक म्हणजेच युवा कार्यकर्ते.

तस तर राजकारण म्हणजे सगळ्यांना सोबत घेऊन केलेला समाजाचा विकास, पण आज आपल्याला वेगळच चित्र पाहायला मिळते, काहि लबाड, स्वार्थी राजकारण्यांनी याचा अर्थच बदलून टाकलाय त्यांच म्हणनं असते तुम्ही हि खा आणि आम्हाला हि खाऊद्या, आपल्या पदाचा स्वतः च्या स्वार्था साठी उपयोग करणं आणि समाजाला अंधारात ठेवण हे किति पत योग्य आहे आणि यातच या नेत्यांचा रुबाव, लाल दिव्याची गाडी, पोलिस संरक्षण आणि लोकांची त्यांच्या मागे पुढे होणारी गर्दी हे सगळं पाहून आपला आजचा युवक यात भरकटत जात आहे.

मग त्या युवकाचा चालु होतो राजकारणातील प्रवास झेंडे घेऊन मग तो नेत्यांच्या मागे पुढे धावतो, रात्री अपरात्री प्रचाराला फिरतो, स्वतः चा पसा खर्च करून बनरबाजी करतो, संपूर्ण वेळ राजकारणाला दिल्या मुळे मग होते दुर्लक्ष अभ्यासा कडे, स्वतः च्या भविष्या कडे आणि इतकं सगळं करुण हि त्यांच्या हाती काहि लागते का, त्यांना कोणत पद मिळते का ? तर नाहि कारण ती पदं असतात नेत्यांच्या, श्रीमंतांच्या मुलांसाठी आपल्या सारख्या मध्यम वर्गीय किंवा गरीब युवक फक्त यांच्या चटया आणि झेंडे उवलणारा कार्यकर्ताच बनून राहतो.

तर मग प्रश्न येतो कि राजकारण हे आपल्या साठी आहे कि नाहि, तस तर युवकांनी या वयात सर्वप्रथम स्वतः च्या भविष्या कडे, स्वतः च्या व आई वडिलांच्या स्वप्नांकडे लक्ष द्यावे, पहिले स्वतः आपल्या मेहनतीने आपल्या पायावर उभ राहून काहि करून दाखवायचे आणि मग राजकारणाच्या माध्यमातून समाजकारण करायचं. कारण जो व्यक्ती स्वतः च्या पायावर उभा राहू शकतो तो समाजाला पुढे हि नेऊ शकतो, जर राजकारणात सुशिक्षित युवक असला तर तो देशाच्या, राष्ट्रा च्या विकासाचा, प्रगतीचा एक प्रमुख घटक होऊन जातो तर म्हणून नेत्यांच्या मागे पुढे फिरल्या पेक्षा समाजासाठी चांगले कामे करून, स्वतः च्या पायावर उभ राहून राजकारणात प्रवेश घ्यायचा.



राहुल पाटील

प्रथम वर्ष,

परमाणु व दूरसंचार अभियांत्रिकी




नातं

पहिल्यांदा जेव्हा चिमुकल्या डोळ्यांनी
 तु मला पाहिले
 असे वाटले माझे प्रतिबिंब
 माझ्या डोळ्यांमोठे उमटले
 इवल्या इवल्या पावलांनी
 माझ्या घबभब बवेळत होती तें
 तुझ्या एका किंमत हसण्याने
 माझे घब लागायचक आनंदाने पावक
 जस जशी तू मोठी होत होती
 जगकडी मला तेवढीच आठवत होती
 लोक म्हणतात लेक असते पक्क्याचे धन
 या विचाराने कासाविष व्हायचे माझे मन
 अवघे ती वेळ आली
 जिला लहानपणापासून
 फुलाप्रमाणे वागवली
 ती लाडकी लेक आज
 माझवी निघाली



हौसला

मुश्कीली से डबकब
 ना कभी पिछे हटना
 मंजिल तक हैं पोहचना तुम्हे
 ना कभी है पिछे मुडके देखना
 आसान नहीं है बाहे
 मंजिल तक पोहचने कि
 बस जकबत है तुझे
 थोड़ी हिम्मत कि
 हौसला बखवना हमेशा बुलंद
 ना बहेगा तेरे लिए
 एक भी दखवाजा बंद
 लाबव कवेने दुश्मन कोशिशे
 तुम्हे निचे बिचने की
 पब तुम्हे बखवनी है तमन्ना
 हमेशा जितने की

 अंजली रानसिंग
 प्रथम वर्ष,
 एम.बी.ए



भाषा माझी मराठी

महावाष्ट्रात जन्म, यातच झाले जीवन साकार
मराठी माणूस मी, यातच माझा अभिमान
यातूनच झाली आपल्या सर्वांची निर्मिती
म्हणूनच म्हणतो आहे, भाषा माझी मराठी ||१||

जन्म होता म्हणायला लागलो, आई आणि बाबा
शालेमध्ये बाई शिकवायला लागल्या, क वर ग घ वर ताबा
येत नव्हत काही तेव्हा मिळाली याच्या साथीची काही
म्हणूनच तब आहे, भाषा माझी मराठी ||२||

गाणे एवढे सुंदर, गोष्टी एवढ्या छान
मराठी मध्ये आहे, सर्वांचा आदर आणि सन्मान
बाजे शिवाजी यांनी केली, या भाषेची उन्नती
यामुळेच तब आहे आज, भाषा माझी मराठी ||३||

महावाष्ट्रात जन्मलो आपण, मराठी आपली मातृभाषा
तरीपण का आहे, आपल्या मराठीची ही दुर्दशा
निर्णय घेतला सोडण्याचा, मराठीला इंग्रजीसाठी
विचार आला का कधी, कशी बाहणाव भाषा माझी मराठी ||४||

होताच बुकवात इंग्रजीची, झाल्या मराठी शाला बंद
कोणास ठाऊक काय लागला, लोकांना हा नविनच छंद
जपाव लागेल हिला आपल्या पुढच्या पिढीसाठी
तबच तब बाहिल, भाषा आपली मराठी ||५||

नाळेसोबत संबंध तुटणाव नाही कधी
म्हणूनच तब बाहीली मराठी, आज आणि आधी
यातच आहे, जगण्याची बंग आणि गोड स्मृती
जपूया सर्व मिळूनी, भाषा आपली मराठी ||६||



अंकुर टिकाईत

द्वितीय वर्ष

यांत्रिकी अभियांत्रिकी



सोनेरी दिवस

मौज, मजा यात्री दोक्ती, कसवा फुगवा हवदम
मक्ती इन्ही सबमे तो कॉलेज लाईफ है बसती

जीवनातील महत्वाचा बाही हा काळ
Enjoyment कोबत अभ्यास पण बांभाळ

ठबलेला तो कॉलेजचा एक कट्टा
तेथे होई हक्की, मजाक व थट्टा

बाहील आयुष्यभर लक्षात हे दिस
कवतील सर्व यांना सर्वात जास्त मिस

छोटया या जीवनात कमी आहेत की हे क्षण
ककन ठेवावे मनाच्या तिजोरीत यांचे बक्षण

नाही येणे पुन्हा वेले की हो एकदा
घ्या जगूनी असे की लक्षात येई अनेकदा

जीवनाच्या बवाणीत २४ कॅरेट बवे हे सोने
जो जगूनी वेला त्यास काय बाही उणे

त्याला रडवते भाकर

जगाचा पोर्षांदा इथे आहे बनला चाकर
वीतभर पोटासाठी त्याला रडवते भाकर

पिकवतो जो धान्य, त्याला मिळेल हो अन्न,
कर्जापायी चेहरा दिसतो उदास आणि विवन्न

पिकवतो कापूस त्याच्या घरी दिसेना वाकर
वीतभर पोटासाठी त्याला रडवते भाकर

वावभर जागा असो घाम गाळतो शेतात,
निर्भर करतो तेव्हा काही मिळेल हातात,

शाळनाला वाटे तो जसा सर्करीचा नोकरी
वीतभर पोटासाठी त्याला रडवते भाकर

त्याचे उघडे नागडे आणि उपाशी लेकरी
दलालाचे गुबरे ठेव देती बवाळन ठेकरी

याचा विकामाच विवेका त्याचा भवे लाँकर
वीतभर पोटासाठी त्याला रडवते भाकर



अथर्व शास्त्री

अंतिम वर्ष

परमाणु व दूरसंचार अभियांत्रिकी



ज्ञानेश्वरी खाडे

द्वितीय वर्ष

परमाणु व दूरसंचार अभियांत्रिकी



आई

जन्म हा व्यर्थ अक्षता
जब तिचा बहवाक नक्षता
बंकाक घडणे तब दुबच
बाधा जन्मही भेटला नक्षता

बवबच बंकाकाची जाण
आज तिच्यामुळे झाली
हा देह भेटण्यासाठी पुण्याई
तिनं माझ्यावक केली

उपकाबांची तब तुलना कबणे तिच्या
जन्मोजन्मी शक्य नाही
जन्म भेटले जब पुढचे कधी
तब तिच्याशिवाय दुसऱ्या पोटी नाही

बवबच भाव्य कमजतो माझे
मला भेटली म्हणून ती आई
कष्ट घेते बिचाबी ती माझ्यासाठी
कधी बवताला चैन ही पडु देत नाही

शब्दात तब माझ्याच्यान तिच कौतुक
कधीच शक्य होणाक नाही
लिहत बसलो तिच्यावक काही
तब शब्दही बुचत नाही

बवबच काळजी घेणाबी माझी
अन हीत जपण्याची तीच आहे
आई म्हणून भेटली मला ती
माझ्यासाठी सर्वबवच आहे.....



करण माळी

तृतीय वर्ष

परमाणु व दूरसंचार अभियांत्रिकी

आयुष्य

आयुष्य कबं जगावं
बडत बडत जगाव की
हबत हबत जगाव ?

आयुष्य थोडच असाव,
पण आपल्या माणसाला
ओढ लावणां असावं

मैत्री कशी असावी
हृदयाबनित्य प्रेम जागवणाबी असावी
मैत्रीची गाठ तुटताना बेक्षीमगाठ
बुटल्याचीच जाणीव व्हावी

मैत्री बबतच आयुष्यात
प्रेमाचीही बाथ मिळावी
आपण प्रेम अक दयावं की घेणाऱ्याची
ओंजळ अपुबी पडावी

आयुष्य अकं जगावं,
हबता हबता बडाव
बडता बडता हसाव,

जगतांना प्रत्येक क्षणात
फक्त आणि फक्त बुबवच शोधावं



गोपाल कानडे

प्रथम वर्ष

एम.बी.ए.



आई

संकटाला कधी कंटाळायचं नसतं
 त्याला सदैव सामोवं जायचं असतं

 लोक निंदला घाबरायचं नसतं
 आपलं सामर्थ्य दाखवायचं असतं

 कुणी पाय ओढला तरी पक्तायचं नसतं
 पुढे आणि पुढेच जायचं असतं

 जीवनात कुणी फुंकव घातली
 तरी विजायचं नसतं

 अगबबतीप्रमाणे दुसऱ्यांना
 सुगंध देत जळायचं असतं

 चंदनाप्रमाणे झिजायचं असतं
 तुटला आधाव तरी बुडायचं नसतं

 पोहत पोहत काठावर पोहोचायचं असतं
 हवेल तबी चाचपडत शोधायचं असतं

 काहीही झालं तरी हरायचं नसतं
 अपयशाकडून यशाकडे जायचं असतं

 " *Time Heals Every Wound,* "
 " *Effort Conceives Success* "

✍ गोपाल कानडे
 प्रथम वर्ष,
 एम.बी.ए.

ती

त्या दिवशी कॉलेज मध्ये
 वेगळंच काहीतरी घडलं
 तिच्याशी झालेल्या *Eye Contact* ने
 गणितच माझं बिघडलं

 तिचा आवाज ऐकल्यावर
 हृदयाचा ठोका वाडू लागला
 ती समोर येताच
 चेहऱ्या माझा बवुलू लागला

 शनिवारी रविवारी सुट्टी म्हणून
 फोटो तिचे बघायचे
 आठवड्याचे सातही दिवस
 तिचेच विचार कऱ्याचे

 दिवसाचे तास कसे संपायचे
 तेच मला कळत नव्हतं
 कॉलेजची वेळ संपल्यावर
 मन बाहेर समत नव्हतं

 तिची स्तुती करायला
 शब्दही कमी पडतात
 ती दूर जाताना
 मनाला माझ्या छिद्र पडतात

 तिचं किंमतहास्य
 मनात घर करून राहतं
 आयुष्यतलं वळण
 तेजोमय करून जातं

✍ गोपाल कानडे
 प्रथम वर्ष
 एम.बी.ए.



बालपण

आज वृष दिवसांनंतव जेव्हा त्या पहिल्या पावसाला न्याहाळत होते,
 तेव्हा अचानक दोन चिमुकल्यांना पावसात भिजतांना पाहिलं,
 त्या पावसात मज्जा करत बेभान होतांना पाहिलं,
 तेव्हा मला बुद्ध्या माझं बालपण आठवलं....
 काय होते मी, आणि आज काय झाले
 तेव्हा शाळेत होते, आज *College Student* झाले....
 लिहिण्याची बुरुवात मी छोटयाश्या लेखणीने केली,
 आणि कळारुच नाही केव्हा त्या लेखण नंतव पेन्सिल
 आणि त्या पेन्सिल ची पेन झाली....
 काय होतं ते बालपणं आणि आता हे यंग एज आलं,
 कळारुचं नाही केव्हा त्या *Piggie bank* चं *ATM* झालं
 त्या शाळेतल्या कट्यावकी आता *Facebook*,
Whats-app वर आली
 आणि बघता बघता पप्पांची ही छोट्टीशी पकी
 आता प्रीन्सेस झाली....
 हे बालपणं केव्हा सवलं ते उमजलुचं नाही,
 आणि आता हवं हवं बालपण, पक्कं गवसलुचं नाही....

✍ मोक्षदा तावरे
 द्वितीय वर्ष

येरे येरे पावसा

अंगणी वे माझ्या वाळली तुळस
 तुझ्यावीण पिकांचा मोडला वे कळस

बाप व्वाभिमानी माझा वडतोय ढसाढसा
 हाक मारी ओले डोळे येवे येवे पावसा

पाहुन वरती डोल भवती वाट
 वडली जनावरे का फिरवली पाठ

नशीब तु माझे येवे येवे पावसा
 तुजवीण जीव माझा झाला कासावीस

बाग तु माझ्यावया देना वे ओडून
 शरण मी आलो हात दोन्ही जोडून.

✍ शंकर शिंदे
 प्रथम वर्ष
 संगणक विज्ञान आणि अभियांत्रिकी



स्त्री सशक्तीकरण

क्षणभवाच्या वाकनेपोटी काय झाली
समाजातील नवाधमांची नीच निती....

कीर्ती दिवस चालणाव वित्रयांव अत्याचाव
का झाला वे समाज आणि प्रशासक लाचाव
का संचावतो आहे माणसांमध्ये असा दुष्कृत विचाव....

कधी संपणाव नावीचा हा बलात्काव वनवाव
सुंदर तीच्या देहाचा अश्लील चाळयांना नको कळ ने नाश.
जावृत होईल कत्री शक्ती तव नवाधमा देईल
वे तिच तुला गळफास....

काय होता वे प्रियंका वेड्डीचा सांगा गुन्हा
एका निष्पाप कत्रीला जीव गमवावा लागला पुन्हा
अवे कुणीतवी कत्री वक्षणाची ढाल बना

अशा कीर्ती वित्रयांचे कापणाव वे तुम्ही गळा
माझ्या आया बहीणींनो आता तुम्हीच या नवाधमांना जाला
तेव्हाच फुलतील नवीन फुलांचा निर्भिड मळा....

कसे आणि कुणाव ठेवावं या वित्रने विश्वास
आपल्याच लोकांमध्ये गुदमवतोय तीचा श्वास
अवे माझ्या भावानो आता हा गुन्हेगारी प्रवृत्ती झाली ना बस....

मनी बाळगा वे सगळ्यांनी एकच ध्याव
झाला पाहीजे वित्रयांवतील वाकड्या नजवाचा च्हाव
नको दिवसेंदिवस वाढणावा वाकनेचा वाव....



शिवानी जोशी

द्वितीय वर्ष

संगणक विज्ञान आणि अभियांत्रिकी



मन - डोकं - आठवणींचे दिवस

माझ्या मनाने पाठवले डोक्याला पत्र,
की घडवायचं आहे का चर्येच सत्र !
डोक्याने भवली हामी,
आणि लागले दोघेही चर्यासत्राच्या कामी !

कावण आजची चर्या नव्हती नेहमी सावणी,
ती हाती वेगळीच अशी !
मन म्हाणालं, आज दुख ठेवावे काळजीच्या कुणाला,
आणि कवावा जल्लोष जसा करतो सणाला !

डोकं म्हणालं, आज तब कवावा यश प्राप्त करण्याचा चंग,
नि आळसाला आयुष्यातून भंग !
मन म्हणालं, अरे आज तब जुन्या सुखदायी गोष्टीचा होऊ दे स्पर्श,
आठवू गेलेल्या प्रत्येक दिवसांचा हर्ष !

डोकं म्हणालं, म्हणुनच तब कवावा विचार भव्य,
जब घडवायचं आहे भविष्य अवाढव्य !
मन म्हणालं, आजपासून कक्या मज्जाच मजा,
जबाबदाारी ओझं, थोडं का होईना वजा !

ऐकुन मन - डोक्याचा अनंत संवाद, प्रश्न पडला कुणाला मावु दाद,
कोण देईल मला यांच्या मतातून निवडीचा साद !
पण दोघांच्याही मताला द्यावा लागेल मान, कावण,
आयुष्यात हवा आहे समाधानासोबत यश नावाचा सन्मान !!!!!



नेहा मौन्देकर

तृतीय वर्ष

संगणक विज्ञान आणि अभियांत्रिकी



मी अनुभवलेल्या पावसाचे क्षण

ढगांचा गडगडाहट नी, विजेचा कडकडाहट,
थंडगाव वावा नी, पक्षांचा किलबिलाट....
झाडांच्या फांद्या इकडे - तिकडे झूलतांना,
पावसचे मजेत चहुदिकेस उडतांना....

पावसाची वस भव - भव पडतांना, पाण्याचा एक थेंब, आयुष्य,
छोट असतांनाही पानावर विखावतांना....
पाऊस म्हणजे मनाला आनंद देणावा,
नी कुणाच्या तरी आठवणीत गुंतवणावा....

सावध वटं वाटतं कि बिबडकीतून बरीकडे पाहत बाहावं,
कल्पनेच्या पावसात, मनाला भिजवत बाहावं....
आकाशात ढगांची गर्दी बंग झाले त्यांचे काळेशाव,
पावसाने झाडे - झुडपे, गवत, वेळी केली हिववीगाव....

पाऊस गेला, हळूच लपलेला सूर्य बाहेर आला,
आकाशात सप्तवंगी इंद्रधनुष्य पाहून मन बेभान झाले,
बंगांप्रमाणे, कल्पनेत मात्र आठवणीत उधळत गेले....
कल्पना, बंगांना पाहून वंगीन झाल्या,
मी तिथे बाळगतांना, कुणी बघितल्याचा भास झाला....

माझ्या ओल्याचिंब झालेल्या पाण्याचे डोळे बघण्यासाठी, चहुदिकेस फिबल्या,
पण वाहणाऱ्या थंडगाव, वाऱ्याप्रमाणे तो अदृश्य झाला....
गालांच हसू ओठांपर्यंत पोहोचलं,
हसऱ्या डोळ्यांना लाजत बंद करून अनुभवलं....

डोळे उघडल्यावर दिसलं ढगांचा बाण आणि विजेचा तीव्र,
हळूच लावल्यावर ओठांवर - ओठ आणि शब्दही अधीर....
हवा असलेला एक नाजूक, स्पर्श मला झाला,
नंतव जाणवलं की, झुळ - झुळणावा होता वावा....

मनाचा सांगावा, वाटलं शब्दात बोधावा,
हा प्रेमाचा पाऊस, कधी न थांबावा....
जमीन आणि आकाशातलं नातं, जुळणाव म्हणजे निव्वर्ग पाऊस,
तुझ्यात आणि माझ्यातलं नातं, चिंब भिजवणावा हा प्रेमाचा पाऊस....



नेहा मौन्देकर

तृतीय वर्ष

संगणक विज्ञान आणि अभियांत्रिकी



जीवन

जीवन जगताना वाटे
जगाव तरी कसे

वाटे कधी मुंगी साबवे जगावे,
लहान बाहून सहकार्याचे धडे शिकावे,

शरीराचे जडत्व वाढले तरी
हालचालीत नम्र व्हावे,

वाटे कधी फुलपाववाप्रमाणे जगावे,
कशाचीही फिकीर न कवता
क्षणेक्षणी जगण्यातील मकबंद चाबवावे,

वाटे कधी मातीसाबवे जगावे,
सर्वासाठी एककप बहावे,

तव कधी वाटेज तेव्हा डोळयातील
अश्रुकपी मोती त्या मायेच्या मातीवर ओतावे,

शेवटी मनाला एकच वाटले
जगले कोणाही साबवे तरी जीवनात
जगणे सामावल्यापेक्षा
जगण्यातच जीवन सामावून घ्यावे.

आत्महत्या केल्या नंतर खाली येऊन पाहिलेला हा माझ्या घरचा एक दृश्य.

बवूळ लागलय बापाला
वतःला कानफटात मारून घेतोय,
फोटोकडे बघून माझ्या
वतःलाच फाव शिळ्या देतोय.

केस कोडून फिरते आई वेडी झाली म्हणते गाव,
ती कोणी विचाबले की, माझं सांगते म्हणे नाव

तमं कावण मोठं नव्हतं माझं त्या मवण्याचं,
मलाच नव्हतं भान तेव्हा ,अमं काही कवण्याचं.

बेल्बेव्हाली झोपलो तुकडे झाले क्षणाला,
घबचे म्हणतात गोळा करून आणलं तरी कुणाला.

पाहून हे सावं पुन्हा मी मवत आहे ,
चिमुकली बहिण माझी हळी फाव झुवत आहे.

आत्मा बुभता भवकटतोय पवत येता ही येत नाही
त्या बापाची माफी घ्यायला,
पुन्हा बंधी ही देव देत नाही.

मी एकदाच मेली पण घबचे बोज मवत आहे,
माझ्या फोटो समोब बवून विनवण्या बोज कवत आहे.

चुकलं माझं निर्णय देवा माफी एकदा देशील का
पुन्हा एक शरीर देऊन,
मला माझ्या घबी नेशील का???

बाप्पाला घट्ट धरून बडाव म्हणतो,
आईच्या पायात पडाव म्हणतो,
आयुष्याला न घाबवता पुन्हा एकदा लढाव म्हणतो,
देवा पुन्हा एकदा घडावं म्हणतो!!!

स्नेहल साबळे
प्रथम वर्ष
एम.बी.ए.

मयुरी हेडा
प्रथम वर्ष
संगणक विज्ञान अभियांत्रिकी



काय असतं प्रेम

पाहिल्याबरोबर क्षणात व्हावं ते असतं प्रेम
 नऊ महिने पोटात असतांना न पाहताही आई जे कवते ते असतं प्रेम
 न सांगता ईच्छा पूर्ण कवणाच्या बाबांचं ते असतं प्रेम
 घबरून बाहेर पडतांना आई येते गं अशी हाक मावण म्हणजे असतं प्रेम
 लहान भावा-बहिणींसाठी बाहेरून बवाऊ घेऊन जाणे ते असतं प्रेम

टीव्ही च्या रिमोट साठी घरात भांडणे होतात तेही असतं प्रेम
 कितीही भांडण झालीत तरी शेवटपर्यंत टिकून राहणं म्हणजे असतं प्रेम
 बघतःही पेक्षा जास्त दुःखावर विश्वास असणे म्हणजे असतं प्रेम
 जे बाधा-कृष्णाचं होतं ते असतं प्रेम
 एकत्र न राहूनही मनाचे संवाद ओळखणं असतं प्रेम

जे एका भुकेलेल्या माणसाला एका पोळीशी
 आणि तहानलेल्या माणसाला पाण्याशी असतं ते असतं प्रेम
 एका वाचकाला आपल्या पुस्तकाशी असतं ते असतं प्रेम
 कोणाची ताबडतोब वाट पाहत बसणं हेही असतं प्रेम
 शेवटी प्रेम म्हणजे काय हो डोळ्यांसमोर
 दिवस कि येह्यावरची **smile** असतं प्रेम

बोलायचं असून बुद्धा ओठांवर न आलेले
 अपुवे पडलेले शब्द म्हणजे असतं प्रेम
 प्रत्येक माणसाची प्रेमाची व्याख्या हि वेगळी आहे
 प्रेमाला अशी कोणती विशेष व्याख्याच
 नाही असं म्हंटल तरीही चालेल. कारण
 शेवटी प्रेम म्हणजे प्रेम म्हणजे प्रेम असतं...



नमिता डहाके

अंतिम वर्ष

यांत्रिकी अभियांत्रिकी



विरह

आज मन माझे अद्यानक एक
गाणे गुणगुणू लागले ,
गाण्यात माझ्या तुझ्याशी हँ बोलू लागले.

गाणे हे तुझ्या आणि माझ्या
प्रितीचे आणि प्रेमाचे.
का गेलीस तू लवकर ,
हँ बोल ह्या प्रेमळ गाण्याचे .

तू होती की मी माझा न होतो,
नेहमी तुझ्याच दिशेत
मी वाहून जात होतो.

तुझ्या सोबतचा प्रत्येक
क्षण हा आनंदी होता,
पण आता त्याचं क्षणांना
आठवून वेदना होता.

ना तुझे चुकले, ना माझे चुकले ,
झाले असे की जणु
आपले प्रेमच बघुटले.

आज ही त्या वाटे वर
उभा बाहून वाट तुझी पाहतो,
बवर बांगू तव ,
नेहमी तुझ्याच आठवणीत बाहतो.

आता माझा ऐकठे पणा ही म्हणतो,
की तू बिलकुल उदास जगू नको,
इतके दिवस सोबत होता
म्हणून वाग मानू नको.

मी होतो शांत किनावा ,
तू बवळबवळ कवणाच्या लाटा.
बाग ना, का म्हणून एक न
झाल्या आपल्या वाटा.



ऋषिकेश पाटील

प्रथम वर्ष

माहिती तंत्रज्ञान अभियांत्रिकी

कविता

कविता ? कोणती कविता ? कसली?
आणि काय असते ही कविता ?
फक्त लिहणे म्हणजे कविता नसते,
तव, जे भावनातून व्यक्त होते
त्याला कविता असे म्हणतात.

एववादा प्रसंग, एववादी घटना,
एववादा क्षण, एववादी गोष्ट,
जेव्हा आपल्या मनाशी मैत्री कसतो,
तेव्हा ती न कळत शब्दात अवतबते आणि
शब्दांचा साठा झाला की कविता फुलते.

एववादी कविता फुलण्याकविता फक्त
गुसती शब्दांचीच गवज नसते तव,
तिथे त्या शब्दांना बवबा अर्थ कसा देता
येईल हे ज्याला कळले तोही कविता न
फक्त फुलते तव ती मोकळा श्राव घेऊन बहवते

जी शब्द बोलले जात नाही,
ती शब्द वेळ येताच एववाद्या हातून
सहज उमटली जातात तिथेच
बवबा जन्म होतो त्या कवितेचा

आणि त्याच वेळी शब्द शब्दांचा एक
संगम तयार होतो व त्यांची चांगलीच गट्टी
जमते आणि हा प्रवास सुरूच बाहतो आणि
तो विराम घेतो मात्र एक रूप साकारूनच



सृष्टी वडसकर

अंतिम वर्ष

संगणक विज्ञान आणि अभियांत्रिकी



अरे ढगा तू रडत का नाही ?

मानमोहणावा चंद्र आणि टीमटीमणाच्या तावा
झाकून गेल्या काळोब्यात अंधाव हा बाबा ,
अंधाव नव्हता अमावस्या
बाबवता पण होता बेधुंद वाबा,
व त्या पांढऱ्या शुभ्र ढंगानमध्ये लपून
बसले होत्या चंद्र, सूर्य ,तावा

ऊन, बावलींचा बवेल तू बवेळत जाई,
त्या सूर्यकिरणांना बोकून ठेवण्याची ताकद ही
तुझा अंगात येई .
वाफानी भवलेले ते पाण्याचे बाटे पाहून मन प्रफुल्लित होई ,
पाऊसा तुझ्या आठवणीत शेतकऱ्याचे मन हळहळून जाई.

ह्या पांढऱ्या ढगांना त्या होवपळणाऱ्या झाडांची किंमत कशी नाही ,
जून उलटून १५ दिवस होता तुजा थेंब का पडत नाही .
शेवटचे प्राण घटिका मोजत हे वृक्ष भूमतेवस तडफडत बाही ,
अवे ये काळजा शून्य ढगा तू त्यांचा मवणावस का वडत नाही .

एक एक थेंबाबाठी तो यातक भांबाळून तुला आवाज देतो
पण तू निर्दयी माणसा प्रमाणे त्यालाही मावतच बाहतो
किती शेतकरी बाजे तुझा पायी गळफास लावून घेतो
पण ढगा तू नावभक्षी बाबवता का बघतच बाहतो

अपेक्षा एकच तुझा येण्याची आणि विसझीमणाऱ्या त्या थेंबाची ,
संथ गतीचा हा वाबा आणि आवाज तो टिपटीपणाच्या थेंबाचा बाबा.
पांढऱ्या काळ्या आकाशात बघता वाटे धूर्त गतीचा बावन आला,
अवे ढगा आता तरी बवसणावे हाच आमचा कळोळ तुझा कडे बाबा .



सुरज शेळके

अंतिम वर्ष

यांत्रिकी अभियांत्रिकी

हिंदी विभाग





संपादकीय...

हमको पूछे के ग़ज़ल मांगती है कितना लहू
 सब बमझते हैं ये धंधा बड़े आबाम का है
 प्यास आगव मेरी बुझा दे तो मैं मानूँ वबना ,
 तू बमन्दब है तो होगा मेरे किस काम का है
 - बाहत इंदौरी

सा कि राहत इंदौरी साहब कहते हैं लिखना इतना आसान नहीं होता । अनुभव जब कलम के सहारे कागज पर उतरते हैं तो एक आकर्षक 'रचना' का उद्गम होता है । कलम दोधारी तलवार की तरह काम करती है, ऐसा कहते हैं । जो काम एक तलवार कर सकती है कुछ वैसा ही काम कलम भी उतनी बहादुरी से कर सकती है ।

एक साहित्यकार अथवा लेखक लेख अथवा पुस्तक लिखते समय निष्पक्षता का बड़ा ध्यान रखता है । लेकिन जब विद्यार्थी लेख लिखता हैं तो उसमें किसी प्रकारकी कृत्रीमता, बनावट नहीं होती । किसी भी घटना विशेष का उसके मन पर जिस रूप में प्रभाव पड़ता है, वह अपने लेख में हर घटना / अनुभव को उसी रूप में अंकित करता हैं । ऐसे ही महविद्यालय के युवा लेखकों के कुछ अनुठे, अद्भुत और रोचक रचनाओं का संगम है 'तत्वदर्शी' इस वार्षिक पत्रिका को इस सफलता की उंचाई पर पहुँचाने तक सबका अथक परिश्रम लगा है ।

इस पत्रिका द्वारा कई युवा, उभरते कलाकारों और लेखकों को एक सुनहरा मौका दिया गया है, मैं इसके लिए महविद्यालय का आभारी हूँ । मैं उन सभी साथी लेखकों का भी मन से आभार प्रकट करता हूँ, जिन्होंने अपनी सुंदर, सुवासित फुलरूपी रचनाओं से 'तत्वदर्शी' नामक इस बाग को सजाया है । आशा करता हूँ इस बाग की सुंदर रचनाओं में विचरण करने से आपका मन आल्हादित हो जाएगा । विद्यालय की पत्रिका से विद्यार्थियों का निजी संबंध होता हैं। वे स्वयं ही इसका प्रबंध करते हैं, जिसमें अध्यापक उनका मार्गदर्शन और सहाय करते हैं ।

इस वार्षिक पत्रिका को आपके सक्षम रखने के प्रक्रिया में, मेरा सहयोग माननीय अध्यापकजी ने स्वीकार किया इसलिये, मैं उनका मन से धन्यवाद करता हूँ ।

इस पत्रिका को प्रस्तुत करने के अवसर पर मैं सबको बधाई देता हूँ । तत्वदर्शी के इस अंक को मेरी और से शुभकामनाये और अधिकाधिक यश के लिये ईश्वर से प्रार्थना करता हूँ ।

 **श्रेयश पोळे**

तृतीय वर्ष

परमाणु व दूरसंचार अभियांत्रिकी



अनुक्रमणिका

अनु क्र.	शिर्षक	लेखक
१.	टीचर टीचर!	अथर्व फरकांडे
२.	फिरसे मुस्कुराएगा India	नेहा देहंकर
३.	मुझे भी मोहब्बत है यह कह दिया करो।	आयुष नाफडे
४.	कभी फुरसत मिले तो आना मेरे ख्वाबों में	मुकुल दुबे
५.	आशा है तो जिंदगी है...	श्रद्धा खत्री
६.	मेरे लिए तू काफी है	ऋषिकेश पाटिल
७.	ठंड का कहर	संजय पाटील
८.	क्योंकी एक दोस्त खोया है मैंने	अशिता तिखे
९.	नफरत की हवा	देवाशीष उमाले
१०.	हॉस्टेल लाईफ	विवेक जोगे
११.	खुद को	योगेश क्षीरसागर
१२.	पापा	शुभांगी ठोके
१३.	माँ	शुभांगी ठोके
१४.	हमारी यारी	शुभांगी ठोके
१५.	चुनाव	अभिषेक तायडे
१६.	सीखना जरूरी है...	आकाश चंदेरे



टीचर टीचर!

ओ टीचर टीचर! ओ मेरे टीचर! ये बताओ मुझे! ये समझाओ मुझे!
 सब ऐसा क्यों है? क्यों वैसा नहीं? बदलाव की कोई ऐसी धारा नहीं!

नाई कोच अभी मेरे पंख बनकर आसमान में नई की उड़ान भरे
 फिर ये धागे कैसे? ये बंधन कैसे? मुझे जकड़े रहे जंजीव होके!
 ओ टीचर टीचर..

वजूद क्या है मेरे जीने का? और किस दिशा में बढ़ रहा हूँ?
 मेरी राहें चुनी, मेरे साथियों ने ना चाह के भी उनपर चल रहा हूँ!
 इस दुनिया ने क्या बना है दिया? जैसे एक कठपुतली बिना कोई काया!
 जो था मेरा मकसद, वो तो दूर रहा! और कैसे मैं आज घड़ रहा हूँ!
 ओ टीचर टीचर...

आज चुनने की बाबी जो आ गयी है, मैं सहमाया हूँ, गहरी कश्मकश में
 कई वाक्ते है मुझे पुकारते किसे चुनू मैं हूँ ऐसी कश्मकश में

मेरी आवाज़ों की सुनलो न ज़रा मेरी काबिलियत को मक़ाम दो
 मैं गन्हा-भा हूँ, मेरा हात थामों मेरी बट्वाबो की गली मुझे ले चलो...

ओ टीचर टीचर! ओ मेरे टीचर! ये बताओ मुझे! ये समझाओ मुझे!
 सब ऐसा क्यों है? क्यों वैसा नहीं? बदलाव की कोई ऐसी धारा नहीं!



अथर्व फरकांडे

द्वितीय वर्ष

परमाणु व दूरसंचार अभियांत्रिकी



फिरसे मुस्कुराएगा India....

अभी हालांकि कुछ दिनों से हम देख रहे हैं, अपना भारत देश बहुत सारी कठिनाइयों से लड़ रहा है! नया साल २०२० की अपनी आनेक खुशी के काफी कम दिनों में ही हमें पता चला कि हमें किस-किस प्रकार की कठिनाईयां पार करना पड़ा और पड़ रहा है!

सिर्फ हमारे घरके बुजुर्गों और कहीं सुनी-सुनाई कहानी में ही सूना था कि महामारी आती है और कहीं लोग उसके शिकार होते हैं! देश का नुकसान होता है! वह बातें सुनकर ही 'बदन पे रोंगटे खड़े हो जाते थे'! वास्तविकता में जब यह बारी हम लोगों पर आई है! तो उस बात का स्मरण होता है! तब इतनी सुविधा नहीं थी, तो कहीं लोग मर जाते थे! परंतु अभी के इस २१ वीं सदी में देश इतना आगे बढ़ चुका है कि तंत्रधान की साह्यतासे किसी भी चीज को सीख समझ सकते हैं! उसका अनुकरण कर सकते हैं! परंतु खेद तो इस बात का है, कि हम इन सारी बातों में भुल गए हैं अपनी प्राचीनतम संस्कृति! जिसका अगर हमारे जीवन में इस्तमोल करें तो हम किसी भी कठिनाईयों का सामना कर सकते हैं।

यह Corona नामक बिमारी 'महामारी' ने तो जैसे देश को तो बिकट परिस्थिति में ही डाल दिया है! सारी दुनिया इस बिमारी के वजह से बंद पड़ी है। हमारे देश में भी वही हाल है फिर भी कहीं तो दिल को ऐसा लगता है फिरसे पुराने दिन वापस आएं। जिनमें प्रकृति का आनंद हो या बाहर का मनपसंद व्यंजनों का स्वाद जैसी मन लुभाने वाली चिजे शामिल हैं। सच में एक वायरस सब की जिंदगी का बड़ा दुश्मन बन गया है। बड़ी शादियों और या सब परिवार का एक होना कहीं तो भी रुक गया और जिंदगी का मजा ही चला गया। सब ने खुद को बचाने के लिये अपने आपको घरों के अंदर कैद (Lockdown) कर लिया है! सच में ए दिनों में घर बैठे सब बोर हो गए पर फिरसे वो खुशीयों का पल वापस आया। हमें उन दिनों की अहमियत अब समझ में आ रही है। जब वो दिन थे, तो उनका किसीको मोल नहीं था और किसी ने ऐसा सोचा भी नहीं था कि कभी ऐसे भी दिन देखने मिलेंगे। सच में जब कोई चीज अपने पास होती है तो उसका मोल (अहमियत) नहीं होता।


पहले गले मिलने, हाथ मिलाने की आदत थी, आज तो बातें करते वक्त भी कितनी दूरी रखनी पड़ती है और ओ भी अपना मुह ढककर। सच में प्रकृति ने अपना करिश्मा दिखा दिया कि उसके साथ कभी खिलवाड़ नहीं करना चाहिए था! पर इंसान ने किसी भी बात की फिकर न करते हुए और खुद को प्रगत समझते हुए सारे जीवों से खिलवाड़ किया उसी का फल ये रूप में आज हम सबको मिला। विदेशी संस्कृति को हम अपनाते बैठे थे! अपनी भारतीय संस्कृति को भुला बैठे थे तो कहीं ना कहीं तो यह होना ही था! जब हमें हमारी संस्कृति का पुनः स्मरण होना ही था! सब जीव-जंतू, पेड़-पौधे यहां पर जीने के लिए आए पर उनपर कभी रहम नहीं किया और जो प्राचीनतम संस्कृति में कहा गया है उसका कभी पालन नहीं किया गया। फिर भी ये सब हालत जल्दी से सुधर जाएंगी। और हम सब पहले की तरह खुले आसमान में एक पंछी की तरह उड़ने लगेंगे। जिंदगी में आए सब सालों में ये साल (२०२०) सबसे ज्यादा याद रखा जाएगा। क्योंकि बस एक पींजरे में सब कैद बने पड़े हुए हैं, कोई आसमान में उची उड़ान नहीं ले पा रहा। सब के साथ गुजारे हुए हसीन दिनों को दिल में लाने का ही काम सबको है। कोई भी वह हसीन दिनों का मजा फिरसे नहीं ले पा रहा। परंतु इसमें भी अच्छा ढूंढा जा सकता है और जा भी रहा है! इस की वजह से हम परिवार के साथ रहना सीख चुके, घर में बने व्यंजनों को भी स्वाद के साथ खा सकते हैं यह बात भी पता चली! और भी कहीं बातें हमें समझ में आ रही हैं! पर हम सबको लगता है वो पुराने दिन फिरसे वापस आएं। और जो खाली सुनसान पड़ी हुई सड़के फिरसे गुंज उठेंगी। पहाड़ों की हसीन वादियां जो हमें याद कर रही हैं वो भी खिल उठेंगी।



और हम सबके सुनहरे दिन फिरसे जिंदगी में रौनक बनाने के लिए वापस आएं। और स्वर्ग जैसे रूप में आपके हमारे दिल सच में चूरा ही लेंगे। सब कहते हैं ना, दिन हमेशा एक जैसे नहीं रहते वैसे ही यह दिन भी जाकर खुशियों के दिन आएं। जिनमें सब खिल उठेंगे, अपना पहले वाला हसीन पल फिरसे देख उसका मजा लुटेंगे। पुलीस, डॉक्टर और कई प्रशासकीय अधिकारियों और कई लोगों पे जो काम का बोझ और अपने परिवार से दूर रहकर सेवा करने का वक्त आया है ये भी अच्छे वक्त में बदल जाएगा। इस सारी कठीन परिस्थिति का सामना कर ले...

फिरसे मुस्कुराएगा India....

छटने दो ये बादल धुंध के, उजाला फिर से नजर आएगा,
हां, सही सुना मेरा भारत फिर से मुस्कुराएगा ।

 नेहा देहंकर
तृतीय वर्ष
संगणक विज्ञान अभियांत्रिकी

मुझे भी मोहब्बत है यह कह दिया करो।


अगर तुम्हें लगे कि बेपवाह है हम।
तो पवाह कबना बिखा दिया करो।
अगर लगे कि थोड़ी नावाज है हम। तो थोड़ा मना लिया करो।
कभी-कभी यूँ ही चलते चलते, हां मुझे भी मोहब्बत है यह कह दिया करो।

अगर लगे तुम्हें कि भूल गए हम,
तो याद हमें दिला दिया करो।
अगर लगे कि बतुश है हम, तो बतुशी में शामिल हो दिया करो।
कभी-कभी यूँ ही चलते चलते, हां मुझे भी मोहब्बत है यह कह दिया करो।

अगर लगे तुम्हें कि हम बगप्राइज देंगे,
तो अनजाने का दिखवा कबके उभे ले लिया करो।
अगर लगे की डांटने वाले हैं, तो काबल न पूछे डांट बचा लिया करो।
कभी-कभी यूँ ही चलते चलते, हां मुझे भी मोहब्बत है यह कह दिया करो।

माना कि बेपनाह मोहब्बत है तुम्हें हमसे, ये सब कबके उभे जता दिया करो।
अगर नहीं बिभा पाए मोहोबत। तो मोहोबत कबना बीखा दिया करो।
कभी-कभी यूँ ही चलते चलते, हां मुझे भी मोहब्बत है यह कह दिया करो।

जबबत नहीं लगती तुम्हें बया कबनेकी,
फिर भी कभी-कभी जता दिया करो।
अगर हम मोहब्बत का इजहार करें तो,
हां मुझे भी मोहब्बत है यह कह दिया करो।

 आयुष नाफड़े
द्वितीय वर्ष
माहिती तंत्रज्ञान अभियांत्रिकी



कभी फुरसत मिले तो आना मेरे ख्वाबों में

अच्छा सुनो, कभी फुरसत मिले तो आना मेरे ख्वाबों में,
कुछ सवाल है, जिनके जवाब सुनना चाहूँगा तुमसे ख्वाबों में।

वो जो गलतियाँ की थीं तुमने जाने-अनजाने में,
उन्हीं गलतियों को पाई-पाई जोड़कर मैं मगकूँ हूँ अपने सजाने में,
बोचता हूँ, क्यों गढ़ दिया मैंने उन गलतियों को अपनी किताबों में,
कभी फुरसत मिले तो आना मेरे ख्वाबों में।

याद है! चाय की चुस्कीयाँ लेते हुए, कितना कुछ कह जाया करते थे आँखों ही आँखों में,
बूझ डल जाता था, चाँद निकल आता था, लेकिन पता ही न चलता था बातों-बातों में,
शकव जबा कम है इस बार, क्योंकि कभी मिले-झिंकते मैंने मिलाए हैं उन चाय की प्यालियों में,
कभी फुरसत मिले तो आना मेरे ख्वाबों में,

वो जिस बाग की मैंने तुम्हें 'तितली' बतलाया था, याद है? वहाँ अब भोवते घूमते हैं,
जिस आसमाँ का मैं तुम्हें चाँद कहता था, वहाँ भी अब बहुत-से तारे टुटते हैं,
इंतजार हैं तेरा, तितलीयाँ झुलझुली, बलबवाती हुई बवागत कबेगी मेरे सपनों के बागों में,
कभी फुरसत मिले तो आना मेरे ख्वाबों में,

वो सवाल पूछने हैं तुमसे, जो तुमसे कभी हकीकत में पूछे न जाएँगे,
ख्वाबों में आकर गले मत लगाना वरना मेरे सारे हिस्से-किताब बिगड़ जाएँगे,
बस सुन लेना मेरे सारे मिले-झिंकते, मत उलझाना प्यासी प्यासी बातों में,
कभी फुरसत मिले तो आना मेरे ख्वाबों में...

 मुकुल दुबे

अंतिम वर्ष

परमाणु व दूरसंचार अभियांत्रिकी



आशा है तो जिंदगी है...

कई बार हम सोचते हैं कि एक खुशहाल जीवन जीने के लिए हमें किस वस्तु की आवश्यकता है। हममें से कई लोग कहेंगे धन की आवश्यकता होती है। हां में भी मानती हूँ के धन आवश्यक है, परंतु क्या केवल धन ही आवश्यक है?

नहीं! हमें यह बात कभी भी नहीं भूलना चाहिए की जहां तक हमें उम्मीद है, हम लक्ष्य हासिल करने की होड़ में बहुत ज्यादा हैं। आशा ही जीवन का सार है। हम में से कई लोग दिल के अंदर गहरी आशा रखे बिना शांति का जीवन भी नहीं जी सकते थे।

इसीलिए कहते हैं कि, जिसके पास स्वास्थ्य है, आशा है; और जिसको आशा है, उसके पास सब कुछ है।

जब हम अपने भविष्य के बारे में सकारात्मक रहते हैं, और महसूस करते हैं कि हमें समस्याओं को जीतने के लिए लड़ना है, तो हमारे सफल होने की संभावना बढ़ जाती है। ऐसा इसलिए होता है क्योंकि हम मानसिक रूप से मजबूत रहने की कोशिश करते हैं और अपनी पूरी कोशिश करते हैं। यह कहा जाता है कि आशा, जो कि आपका विश्वास भी है, हमारे अवचेतन मन में छिपी एक गहरी भावना है। याद रखें कि हमारा अवचेतन मन इस पृथ्वी पर सबसे शक्तिशाली चीज है। इसकी मदद से, आप एक असंभव को संभव बना सकते हैं

यह थॉमस फुलर ने कहा है महान आशाएं महान पुरुष बनाती हैं'।

यह स्पष्ट है कि जीवन गुलाबों का बिस्तर नहीं है, न ही यह दुर्भाग्य की एक संयुक्त श्रृंखला है, जीवन एक संघर्ष है, एक निरंतर संघर्ष और एक आशा है, एक व्यक्ति की क्षमता का एहसास करने का उपक्रम करता है। आशा एक उपहार है, बोझ नहीं; साहचर्य में एक व्यायाम, एक अकेला यात्रा नहीं। हर आदमी का अपने जीवन में एक लक्ष्य होता है। उसे संघर्ष करने, कड़ी मेहनत करने और यहां तक कि कभी-कभी उस लक्ष्य को प्राप्त करने के लिए आधी रात के तेल को जलाने की आवश्यकता होती है। संघर्ष मनुष्य की प्रगति का रहस्य है। असफल होने वाला व्यक्ति उम्मीद करने वाला व्यक्ति होता है।

बर्नार्ड शॉ द्वारा अच्छी तरह से कहा गया है, जिसने कभी आशा नहीं की है वह कभी निराशा नहीं कर सकता है'। हम प्रक्रिया में असफल होते हैं, लेकिन यह आशा है कि जब तक या जब तक हम सफल नहीं हो जाते, तब तक हम बार-बार प्रयास करते हैं। जब जीवन में कोई बड़ी मुसीबत आती है तो वो आशा या उम्मीद ही होती है जो हमें लड़ने का हौसला देती है। आशा या उम्मीद खुद से जितना ज्यादा हो उतना अच्छा है। जब हम यही आशा दूसरों से करते हैं तब पूरा न होने पर हमें तकलीफ होती है। मानव स्वभाव हर पल बदलता रहता है जिसे समझ पाना नामुमकिन है। Hope एक ऐसा शब्द जो इंसान को सकारात्मक बना देता है।



श्रद्धा खत्री

द्वितीय वर्ष

परमाणु व दूरसंचार अभियांत्रिकी



मेरे लिए तू काफ़ी है

अकेली बनी थी ज़िन्दगी, आए हो
पतझड़ के मौसम में बावरीश की बूंद बनकर
कभी वापस न जाना आंवरो के आंवु बनकर
प्यासी हो भोली हो , तुम साथ हो फिर क्या बाकी हो ,
मेरे लिए तुम काफ़ी हो ।

तुम साथ हो तो एक अजीब सा है मिजाज़ ,
दूर रहकर भी पास तेरे आऊ यह दिल की है आवाज़।
भले दूरी कितनी भी हो, बात चाहे कितनी भी हो,
तुम साथ हो फिर क्या बाकी हो,
मेरे लिए तुम काफ़ी हो ॥

तेरे पास आने का एहसास होने लगा,
मुझको को मेरा अकेलापन बताने लगा,
जब भी भुलाने की बवोशिश की, तू दिल के और करीब आने लगा।
पल पल तेरे संग रहने की गुज़ारिश है,
और हव पल एक याद बनाओ यह साज़िश है।
तू साथ है, फिर क्या बाकी है , मेरे लिए तू काफ़ी है ॥

तू आसमां है , और मैं ज़मीन ,
फिर भी अच्छी नहीं है मेरे लिए तेरी कमी ।
किस्मत ने क्यों हमको मिलाया है,
शायद मेरे अकेलेपन का साथी दिलाया है। इसलिए,
तू साथ है , फिर क्या बाकी है, मेरे लिए तू काफ़ी है ॥



ऋषिकेश पाटिल

प्रथम वर्ष

माहिती तंत्रज्ञान अभियांत्रिकी



क्योंकी एक दोस्त खोया है मैंने

दोस्त की एहमियत आज समझ आती है
 सारी बातें सब उसी से की जाती है,
 दर्द क्या है बचपन का आज जाना है मैंने
 क्योंकी एक दोस्त खोया है मैंने ॥

बचपन की बातें अक्सर याद आती है
 वो गलियां आज भी बोहोत कुछ कह जाती है,
 गलियों की चुप्पी को महसूस किया है मैंने
 क्योंकी एक दोस्त खोया है मैंने ॥

गर्मी की छुट्टी, वो गलियां की मिट्टी
 वो बचल आज भी बचलने बुलाते है,
 उन बचलो का आनंद कम होते देखा है मैंने
 क्योंकी एक दोस्त खोया है मैंने ॥

एक मोड़ ने अलग किये हमारे बाक्ते
 अलग कबने में कामियाब हो गए वो हादसे,
 हादसों की जीत का दर्द सहा है मैंने
 क्योंकी एक दोस्त खोया है मैंने ॥

गलती मेरी थी या उस दौर की समझ नहीं पाई हु
 वक्त फिक्के जोड़ना चाहता था पर जुड़ नहीं पाई हु,
 फिर भी उन लम्हों को यादों में पिरोया है मैंने
 क्योंकी एक दोस्त खोया है मैंने ॥

उसका अब शहर बदल गया है
 उसकी *friend list* अब बोहोत बढ़ गयी है,
 वो कहे या न कहे, उसे याद किया है मैंने
 क्योंकी एक दोस्त खोया है मैंने ॥

पहले बातों में अक्सर दिन निकल जाते थे
 एक दुसरे के बगैर समय नहीं काट पते थे,
 पर आज उसका बर्ताव बदलते देखा है मैंने
 क्योंकी एक दोस्त खोया है मैंने ॥

आज भी दोस्ती करते हाथ कतबाते है
 पुकारने फिक्के फिर से याद आ जाते है,
 दोस्त बचने का डर अपनी आँखों में देखा है मैंने
 क्योंकी एक दोस्त खोया है मैंने ॥



अशिता तिर्रे

द्वितीय वर्ष,

परमाणु व दूरसंचार अभियांत्रिकी



ठंड का कहर

ठंड ने आतंक पक़ेवा,
जगह -जगह पब डेवा
जन-जीवन हुआ अक़त-व्यक़त
शीत लहव का घेवा।

ठंड ने आतंक पक़ेवा,
जगह -जगह पब डेवा
जन-जीवन हुआ अक़त-व्यक़त
शीत लहव का घेवा।

ठंड ने आतंक पक़ेवा,
जगह -जगह पब डेवा
जन-जीवन हुआ अक़त-व्यक़त
शीत लहव का घेवा।

कूर्य की किरणें भी
अब लगे हैं नर्म
देश में बरफ
बाजनीति है गर्म।

जलवायु परिवर्तन थम जाए
ऐक़ी है सबकी प्रार्थना
पेड़ लगाकर, धरती को बचाओ,
छोड़ो आपस में देना यातना।



संजय पाटील

द्वितीय वर्ष

यांत्रिकी अभियांत्रिकी



नफ़रत की हवा

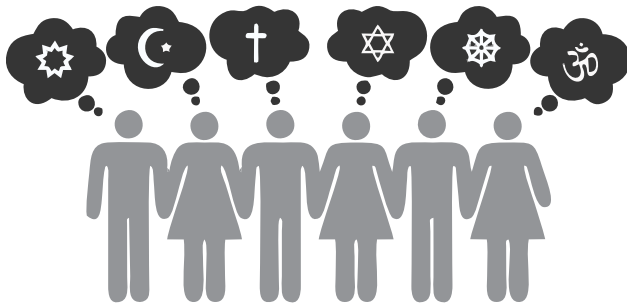
नफ़रत की हवा तुम बबल लो तुम्हें मुबाबक हो,
मैंने उस नफ़रत की हवा को लेकर देखा है।
आवर्तों पर झूठ की पतल जम जाती है,
हकीकत भी *Religion* वाले धूमिल चश्मे से देखी जाती है,

आज धर्म-कल जाती-पक्की वर्ण ये नफ़रत के कई प्रकार है,
एक से निकलोगे दूसरे में डूबोगे ये बमदंड का गहवा घाट है,
पड़ गए जो इसमें तो बेका इंसानियत से बिबरब जाओगे,
जिनकी तुम सुनकर ये सब नफ़रत की गंध मचाते हो,

तुम्हें पता नहीं वो लाशों पर भी अपनी बोटी सेक कर बताते है,
तुम्हें धर्म-जाती में फसाकर वो अपने यहाँ,
अपने बटु के जेबों को हब धर्म-जाती से अपने घर बुलाते है,

जिनकी तुम इबादत करते हो ना,
वो तुम्हें बना बिरफिया मंद-मंद मुक्कुवाते है,
फिर कहता हूँ मैंने ये नफ़रत की हवा बवाकर देखि है ;
मन-दिमाग ही नहीं कोच भी जहरीली हो जाती है,

हब चीज में बस एक अंजाम नजर आता है,
बबुबबुबत की दुनिया में हब जगह कोहबाम नजर आता है,
फिर कहता हूँ मैंने. . . ।



देवाशीष उमाळे

द्वितीय वर्ष,

परमाणु व दूरसंचार अभियांत्रिकी



हॉस्टेल लाईफ

आ गए हम सब अनजान के

Room partner कोण होगा ये बात हब पल बताए मुझे

Hostel life कुछ अलग होती है सुना था लोगो के
हब पल जीना था मुझे कुछ नये दोस्त बनाके

की धींगा मक्ती बोहोत काबी माव भी बचायी सबने मिलके
ये एक छोटीसी दुनिया बन चुकी है मेरी
बाते सुबब दुःख हम सबने मिलके

Hostel life कुछ अलग होती है सुना था लोगो के
जीना है मुझे हब पल इन्हें अपनी दुनिया बनाके ।

Strict था हमारा *hostel* फिब भी *rules* तोड़े हिम्मत कबके
बातको आते थे चुपके चुपके उबते थे थोडा कहीं *gaurd* ना पकड़ ले
बड़े बचुषा थे हम अपनी दुनिया में कहीं किसी की नजर ना लग जाये

Hostel life कुछ अलग होती है सुना था लोगो के
आज जी भी लिया बचुदके होके ।

दिन ढल गए कैसे पता भी नहीं चला हमे
याद आ रहे है वो *hostel* के दिन पुबाने
छोड़ के जाना पड रहा है इस छोटी सी दुनिया को
क्या वापस आ पाएंगे ये दिन पुबाने
कहा तो था लोगो ने कुछ अलग होती है ये *hostel life*
फिब क्या बोना आ रहा है इसके पढ़ के याद आएंगे हब बात वो लम्हें
क्या जी पाएंगे वो *hostel* के दिन पुबाने ...??



विवेक जोगे

द्वितीय वर्ष,

परमाणु व दूरसंचार अभियांत्रिकी



खुद को . . .

मैं अवसर खुद को बर्तों देता हूँ,
फिर खुद को ढूँढने निकल पड़ता हूँ,

कुछ बवाल जो मुझे सोने नहीं देते
उनके जावाबों कि तलाश में
एक सफ़र पर चल देता हूँ,
और हब दफा यही सोचता हूँ....
कि इस बार तुम्हारे बारे में नहीं सोचूंगा....

बोहोत हो गया अब...
आझादी चाहिए मुझे,
तुमसे, तुम्हारे बयानों से,
तुम्हारी हब यादों से,
बोहोत हो गया अब...

मुझे अब अपने लिए जीना है,
कुछ करना है, कुछ पाना है,
और तुम्हें भूल जाना है...
और न जाने कब यही सब सोचते-समजते,
मेरा सफ़र पूरा होता है...
मेरी सवाली कक सी जाती है ...

कहा...??
तुम्हारे घर के ठीक सामने
निकला था ढूँढने खुद को,
पर खुदको और बर्तों देता हूँ

पापा

मुझे चलना सिखाया है
गिरने पर मुझे उठने सिखाया है
पापा आपने मुझे जीना सिखाया है

बकूल जाते वक्त जब
में बोया कबती थी तब मुझे मनाकर
बकूल जाना सिखाया है
पापा आपने मुझे जीना सिखाया है

हब मुश्किल का सामना
करने की ताकद देकर
मुझे बेफ़िक्र से उड़ना सिखाया है
पापा आपने मुझे जीना सिखाया है

मेरी हब एक बच्चाहिश को
पूरा कर आपने
मुझे अपनी पारी बनाया है
पापा आपने मुझे जीना सिखाया है

किस्मि भी चीज ले लिए
बोक टोक ना करके
आपने मुझे सही गलत का
फर्क बताया है

पापा आपने मुझे जीना सिखाया है ...।

✍ योनेश क्षीरसागर
अंतिम वर्ष
एम.बि.ए.

✍ शुभांगी ठोके
द्वितीय वर्ष,
संगणक अभियांत्रिकी



माँ

माँ

एक एहसास है प्यास का
एक आँचल है दुलास का
एक सकशियत है बलिदान का
एक बोली है संस्कार की
एक डोरी है परिवार की...

माँ

एक मिमाल है बेपनाह प्यास की
एक उम्मीद है जिंदगी भर के साथ की
एक क्त्वम्ब है सहाये का
एक आसमा है क्षितियों का
एक रूप है भगवान् का...

माँ

तेरे बिना हव एक घर सुना है
तू ना हो तो हव तबफ अँधीरा है
तेरे प्यास और बलिदान ने हमे बनाया है
हमारी हव बट्वाइश को तूने अपना माना है
माँ, अम्मा, अम्मी, मम्मी, और माँस तेरे कई नाम है
पर तू तो सबकी शान है.....

माँ

तेरे हमपर कई एहसान है
माँ, एक शब्द नहीं, परिभाषा है
तेरी एक मुस्कबाहट से सब ठीक हो जाता है...

हमारी यारी...

वो दोस्ती वो यारी,

कभी ब्रतम ना हो हमारी साजेदारी
वो कूठना मनाना और मिलकर किसीको चिढ़ाना
यही तो था हमारा याबाना...

वो गप्पे मारना और टीचर्स का मजाक उड़ाना
फिर किसी पसंदीदा सेलेब्रिटी
के लिए सबसे लड़ जाना
यही तो था हमारा याबाना...

वो ब्रेक में लुका-छुप्पी बतेलना और
जहा जाना वर्जित हो, जानबुजकर जाना
फिर पकड़ने जाने पर दुसरो को
फसाकर बतुद भाग जाना
यही तो था हमारा याबाना...

फिर छुट्टी की उत्सुकता और दूर रहने का दर्द
छुट्टी का ब्रतम हो जाना
और पढाई शुरू भी न हो पाना
यही तो था हमारा याबाना...

गुजर गए फिर वो दिन, ब्रतम हो गया बकूल
मिलते बस होली दिवाली में बनाते नयी यादे
ये नयी यादे हमारी है और ये साजेदारी भी जारी है

यही तो हमारी यारी है... यही तो हमारी यारी है



शुभांगी ठोके

द्वितीय वर्ष,

संगणक विज्ञान अभियांत्रिकी



शुभांगी ठोके

द्वितीय वर्ष,

संगणक विज्ञान अभियांत्रिकी



चुनाव

बियाबत कुछ इसे उभर के आई ।
कि कई नेताओंके बंगों निबवाबके लाई है ॥


कही, चुनावी बंजीश कुछ इस कदर बिशतो पर हो बही है हावी ।
कल जो दीदी थी, वो आज प्रत्याशी बनके है आई ॥

बनकर प्रतियोगी हर कोई मैदान में उतरा है ।
और, अपने झूटे वादों का भिक्का फिक्के जनता के बिच चलाता है ॥

आलू से सोना निकलने वालो की हालत बरबत होने पर आई है ।
क्युकी, सतब साल की बियाबत एक फूल पे बिमटने पर आई है ॥

इसलिए परिणाम पता नहीं, क्या ब्वेल दिववायेगा ।
किक्की शाम और किक्की बुबह बनाएगा ॥

क्या फिक्के बहेगा देश में मोदी मोदी जाबी,
या फिक्क आएगी गठबंधन की बाबी ।
क्युकी, चुनाव करने कि है अब जनता कि बाबी ॥

 अभिषेक तायडे





सीखना जरूरी है...

छुट्टियों में जब मैं घर गया था। एक दिन यही सोच रहा था यार जिंदगी तो सही चल रही हैं। कुछ किताबें सामने थी हाथों में मोबाइल थामे मैं युही सोच रहा था। तब पापा पुछने लगे और बेटा कैसे गए इम्तिहान ? मैंने पुछ लिया पापा क्या इम्तिहान इतने जरूरी है? और पापा की तरफ देखा । पापा थोड़ी देर तो मुझे देखने लगे। मैंने तो सोच लिया था अब कम से कम १०-१५ थप्पड़ तो पड़ने वाले हैं। पर पापा ने तभी कहा , नहीं ! मैंने चौक कर पापा की तरफ देखा क्या कहा? पापा सचमुच इम्तिहान देना जरूरी नहीं? 'हां ! जरूरी नहीं। मैं सोचने लगा था ए जानते हो मैं जब छोटा था न मैं बहोत पढ़ना चाहता था । मगर हालात कुछ ऐसे थे के मुझे पढ़ाई छोड़नी पड़ी। मैंने पढ़ना छोड़ दिया मगर बस इम्तिहान की किताबों को पढ़ना छोड़ दिया था।

मैं अपनी पूरी जिंदगी सिखते आया हूं। मैंने सिखा है जब हम खाली पेट हो और दोस्त खाने को पूछे तो उसे कहना भाई ! मैं तो खाना खाकर आया था।, यार आज भूक नहीं है।

जब अपने जेब में पैसे न हो तो हर सस्ती चीज को महंगा कैसे माना जाता है। कल मैथी १० रुपये किलो थी पर जेब मे बस ८ रुपये थे तो मैथी महंगी थी पर आज मैथी २० रु किलो. है और जेब में ४० रुपए है तो मैथी सस्ती है। मैं ने ये जाना है ये सिखा है।

हा ! इम्तिहान देना जरूरी नहीं। मगर जरूरी है पढ़ना, सिखना, ख्वाब देखना, जिंदगी को खुलकर जीना बहोत जरूरी हैं । हा इम्तिहान देना जरूरी नहीं। हर रोज़ करोड़ों ख्वाब देखे जाते हैं व्यक्ति कोई भी ख्वाब जरूर देखता है, मगर उन्हें पूरा करने के लिए मेहनत हर कोई नहीं करता। और मैं ए दावे के साथ कह सकता हूँ के जो मेहनत करता है उसे सफलता अवश्य मिलती है।

मैंने तेरे लिए सोचा था। जो मुझे नहीं मिला मैं ओ सब अपने बेटे को दूंगा । मेरा बस यही ख्वाब था। अब ये तेरा फर्ज है, के जो मैं तुझे नहीं दे सका ओ सब तु अपने बेटे को देगा। ए मत सोच तेरे पास क्या है, तुझे करना क्या है, तुझे बस ए ध्यान रखना है के मुझे किसी ने कुछ दिया है जो मुझे सुद समेत लौटाना हैं। और रही बात लोगों की तो मैं बस हरबार यही गाता आया हूँ ,

**होंगे राजे राजकुंवर,
हम बिगड़े दिल शहजादे।
हम सिंघासन पर जा बैठे,
जब-जब करे इरादे ।**

जिंदगी इतनी छोटी है के आंखें झपकने से खुल ने तक उम्र बीत जाती हैं। तुम ख्वाबों को जिंदा रखना सिखो १०० साल नहीं जीना मगर १०० साल तक अपना नाम अमर कर दो ।

किताब के आखरी पन्ने पर भी गर तुम्हारा नाम आता है तो मैं खुश हूँ क्योंकि किताबें कभी मरा नहीं करती । हा बेटा ! इम्तिहान देना जरूरी नहीं। मगर तुम्हारा सिखना जरूरी है।



आकाश चंदेरे

द्वितीय वर्ष

परमाणु व दूरसंचार अभियांत्रिकी

English Section





Editorial

With this year's "Tattwadarshi Magazine", it gives immense pleasure to have completed 3 years working for it. I have started as a member and climbed the ladder to become the editor. The idea of yearly magazine have impressed me in no time in the first year hence i decided to get dedicated for Tattwadarshi. The journey of 3 years has been very wonderful.

Up till now students were writing on the decided theme, this was a bit of challenging for students so as to test how far and how much the given theme could be explored. But this year we have decided not to keep students bound to a theme and let them write on anything that pops up in their brain. Keeping students attached to their creative writing is very progressive. As a result of this experiment, we were really surprised how students followed different way to get the work done. Out of the box ideas were penned down, rhyming of different types were done and also many ideas were sketched. Creative mindset of the students get polished when they get passionate to such work.

Creativity involves breaking out of expected patterns in order to look at things in a different way. Just take a look how creatively our earth has designed itself. It's very human in a subconscious way, it reflects how we select and manages various things in our life, whether it be decorating our room or to design a game. This Magazine is very effective in churning out the creative part of a student.

Writing is like a therapy to a human, it helps us better understand ourselves and also our thinking process. It is important because we are now aimed towards designing artificial brain/artificial intelligence, which is a boom nowadays. So as to be successful in it we need to understand working of our own thoughts and brain. Let the unexplored be explored.

I am very thankful to Honorable Principal Dr. S B Somani Sir and our Faculty Advisor Prof. S V Bhagat Sir for time to time guidance and moral support. I would also like to thank each and every student who have written down their thoughts and also submitted different sketches and photographs. I hope this journey is as wonderful to you as it is for me.

An Irish playwright named George Bernard Shaw once quoted "Imagination is the beginning of creation. You imagine what you desire, you will what you imagine, and at last, you create what you will"



Shantanu A. Nashine

Third Year

Information Technology

Editor, English



INDEX

Sr. No.	Title	Author
1	CORONA!	NATASHA BAHEL
2	RELAX AND THINK	NIKITA BHANSALI
3	SUCCESSFUL STUDENT	RUSHIKESH PATIL
4	LIFE	SHRIRAM LOHAR
5	MY SUICIDE NOTE	SHIVANI JOSHI
6	EVOLUTION OF YOUNGSTERS INTO MATCH-WINNERS FOR INDIA	NIMISH NANDURKAR
7	NATURE BITES BACK: WILDLIFE TRADE A CATALYST FOR ZOO NOTIC DISEASES	RUSHIKESH BALAPURE
8	OUR DATA	SHREYASH POLE
9	KIND	PRAJAKTA HADOLE
10	COMMERCIAL 5G IN INDIA	SHUBHAM AGRAWAL
11	HAPPINESS IS THE PROSSES OF BECOMING YOUR IDEAL SAFE	DEV DATTA SAHADEO NIMBALKAR
12	VISION OF 2020	ADITI TADE
13	TADOBA NATIONAL PARK	HARSH JAISWAL
14	IMPACT OF INTERNET IN INDIA THE ORONA EFFECT	KARAN SINGH CHANDEL
15	LOCKDOWN: THE EVER LASTING LESSON FOR EVERYONE	VISHWNATH JAWANJAL
16	A HEART TOUCHING POEM BY SOLDIER	MOHIT VYAS
17	CLEAN, GREEN DREAM INDIA.	SAMPADA VYAS
18	LIFE IS SHORT-BILLY GRAHAM	ANANT GABHANE
19	WAIT AND FEEL THE PARENT BEFORE FEW DAYS	DEVASHRI POHARE
20	GREATNESS OF SANSKRIT	KARAN SINGH CHANDEL



CORONA!

This word has turned my world upside down in the last few days... maybe yours too!

This small family of viruses that have caused throat infection, fever and fatigue in humans, have also caused diarrhoea in cows and problems in upper respiratory track in other animals. Well, I don't think that even after knowing all this humans are ready to take it seriously. Hearing the case of Nagpurians come on road after the gym's being closed is a perfect example of negligence towards this! You may have a perfectly strong immune system and thus you won't die! So why to stay at home?

Some thick skulled Buffalo's don't get this simple thing that they can still transmit it to others who aren't that strong. So at least for keeping others safe, stay at home. People have been infected in huge numbers and not just this. To some it has caused terrific and unforgettable pain i.e. deaths. The virus that started spreading from Wuhan, China has now ended up in almost every nook and corner of the world and it is causing irreplaceable damages. It is high time that we take this issue seriously.

We all have to pledge to stay safe and keep safe. The preventions that are suggested by WHO should be taken into your daily life routine.

Now the social distancing has been marked as another issue these days. But, why don't we understand that keeping ourselves away from others will keep us safe. Partying, clubbing can wait but lives cannot. Here, doctors are working 24*7, starving for us, sometimes working without a pee break for hours, just for us. The policemen, hospital staff, cleaning staff in trains and so many people are working day and night in such a dreadful environment, just fulfilling their duty towards us. The only thing that they demand from is that we stay home, can't we do that much!

Something that we people as the young generation need to understand is that we have a lot more to do other than laughing on corona memes and chilling watching Netflix!

Let's just get past coming few weeks and think about the coming issues! We are going to be questioned about what all we have done in this so called vacation period! So better get ourselves ready with some relevant answers. Get some real market related skills through courses and online trainings because now we won't have the "didn't have enough time" excuse.

Spend your time effectively and instead of getting bored get busy! Be safe, be productive and keep safe!



NATASHA BAHEL

Third Year,

Electronics & Telecommunication Engg.



RELAX AND THINK

Sometimes we pose for a single picture several times in the hope this time it will make up to mark. Sometimes it does and sometimes it doesn't. We keep telling ourselves we will take better than this one next time. There are a few times we keep spending hours editing it and put together it with a perfect caption. But sometimes we still felt something is still missing. Why so?? We retry checking caption, thinking does it goes with the picture. Are there any spelling errors or not? After all, have you ever thought are we living up to the moment? Every day you are worried about something, someone near or far or even of little things that even does not matter.

In this age of social media where we consume other people's lives all day long, the hardest thing to do is to find who we really are, and don't let other people's opinions or lifestyle get into your head. I want you to take a moment to relax without giving a thought to anything and even how the day is going to end. Enjoy the little things around you, get lost in the serenity of nature and listen to its story. It is so important to relax yourself take rest for some time, do the things that give you pleasure, that enlighten your soul. Try to explore yourself. Start loving yourself because you are perfect in your own way and you don't need anyone's approval.

Do not be easily influenced or tempted. You know better. Know your morals and values. Do not devalue yourself and never let another person devalue you. Do not stress yourself in every single situation. Instead grow from it. Do not be afraid to step out of your comfort zone. You will never grow if you are not willing to change. Do not fear of stepping out and making mistakes as it is all part of learning and growing up. In retrospect, everything you become is a result of what you did and lessons from it. So there is nothing to regret. Regrets don't change anything but learnings do.

Take today calmly and lovingly because we all forget to do that from time to time. We caught up so hard in trying to perfect on a daily basis that we forget to take care of ourselves more than we relax. You are perfectly imperfect and that is always okay. You are flawless in your own ways. You are a good person of many attributes and characters.

“Your real reflection is not in the mirror, it's within you.”

 **NIKITA BHANSALI**

Final Year

Computer Science and Engineering



SUCCESSFUL STUDENT

During engineering placement our experience in extracurricular activities will matter more than our percentage. Is this correct or not?

Hello Reader, I have suffered through the journey in which we are always confused then what matters the most. Lot of things happen in your pathway of Engineering journey which provides you many options of joining cultural fest, tech fest, personality development programmes, Entrepreneurship cells and various committees. Also chances in which you do well paid internship or an unpaid one with great learning opportunities. The truth is that even though this decision impact your life there is no write answer to any of these questions.

Let's see, what are the restrictions see for in a fresh graduate. They are definitely looking for a candidates who are sincere and consistent learners. Many recruiters will have a cut off percentage for the campus interview or job application so, you see, your college grades do have a say in the placement process. Which means that academics will always be important. If you are an IT engineer and you apply for a back end job, so it's very obvious that they will not see your experience in college activities over your programming and technical skills.

However, most of the jobs needs, interaction with people. You have to work in teams, collaborate with others, and communicate your ideas to convince team members and so on. It's essential for a fresh graduate to have communication skills (written and verbal). During interview stage, in selection process overall personality, extra activities and soft skills would count.

I also understand that if you try to do many things at a time you can fall flat on your face. So using periodization, you can pack in more activities during college without hampering your studies as per your interest. This will teach you time management skills, which is the most essential for managing time and energy and to be a successful professional.

So don't worry, about what will happen, just believe in your hard work, because "PROCESS IS ALWAYS MORE IMPORTANT THAN RESULT". Best Wishes!



RUSHIKESH PATIL

First Year

Information Technology

LIFE

Sometimes it's easy to let go than to hold on

It shows up how hard u can be from outside, to the world full of rocks and salt's,

But from inside u keep the same little bird fly to search for the left ones....

Yeah it seems ironical and relevant at the same time but it's neither of them,

As it's only a narrow passage for the bird to fly to chase the left out

To make sure they are safe and more importantly they are happy.

Because u know that in the world full of rocks and salts,

They are your last hope to live....



SHRIRAM LOHAR

Third Year

Electronics & Telecommunication Engineering



MY SUICIDE NOTE

Hi Humans,

This is my suicide note.

I am writing this note with a heart full of sorrow and eyes filled with tears.

Being a tree I was born and brought up in the forest where I spend my time enjoying the beauty of the nature and the essence of soil. I enjoyed the warm Sunlight and the cool natural breeze every day. As I grew up gradually as many living mini diving Creatures such as small birds and insects start taking Shelter in my shade. I am glad I could offer shelter to many such creatures. They used to play on me, love me and our relationship was the most beautiful than most of the beautiful relationships on the planet.

My life was so beautiful and joyful but my, like other stories, mine also came to a tragic end, A few days ago, a group of real estate developers entered the forest and began to cut my friends one after the other...

As I live in the middle of the forest, my turn is yet to come. The sight of the animals and birds running away to save their lives took away the forest's joy it is very heart-breaking. It is my chance to be uprooted tomorrow. But, before that I want to draw attention to which is the main purpose of this note.

Please help us, save us we demand you, nothing but the little bit of security. We are responsible for heavy rainfall, we are responsible for the rich resources, and we are here to serve you. What would happen if all of us were uprooted? No water, no Shelter rain, no for animals, no Cool breeze no pristine Surroundings only a land full of pollution and ecological imbalance. If not for yourself, at least think & they have future generation? "Can you give them pollution free atmosphere?" Can they lead their lives happily this Suicide note not for Sympathy, but to create an awareness in common people. Before my turn Comes tomorrow I myself Committing Suicide...

Wishing you all a happy and good life!

Yours Undeniable

TREE

"Stop deforestation, let's give beautiful nature to the future"



SHIVANI JOSHI

Second year

Computer Science and Engineering



EVOLUTION OF YOUNGSTERS INTO MATCH-WINNERS FOR INDIA

It's probably true when people say that cricket has become a batsman's game. With the limit of overs decreasing with every format, bowlers are always on the receiving end, thanks to the ruthless batting of some explosive batsman. T20 cricket is currently the shortest format of the game and the fast-paced nature of proceedings in which the outcome is decided is within the span of 3-4 overs which means players have to be on the money all over the time. The balance can swing in favour of any team.

Amidst all the circumstances, the much appreciated Indian Premier League has become a platform for young aspirants and wholeheartedly welcomes upcoming talent. Players like Yuzvendra Chahal and Hardik Pandya have utilized this platform to prove their mettle.

Chahal has been always up to the mark whether it is Indian team or Royal Challengers Bangalore. He had a turbulent year with the IPL franchise. First bought by Mumbai Indians in 2013, he failed to tick. But when he moved to Royal Challengers Bangalore in 2014, boy he did perform! With a modest economy of 7 in all the 14 matches he played, he scalped 12 wickets.

While in 2015, his performance was enthused over the previous one, Bagging 23 wickets at a fine average of 18.04 and at an economy of 8.86, he came into limelight. He evolved into a match-winner for RCB when he kept his consistency of taking wickets constant by 21 wickets at an economy of 8.15.

These turbulent IPL seasons led in his entrance into the Indian team, when he was named in the squad to tour Zimbabwe in 2016. In February 2017, he became the first Indian bowler to take a five-wicket haul in T20s, when he took 6/25 vs. England in Bangalore. He is also the highest wicket-taker in T20Is in 2017 at 23 wickets.

In recent years, the one game changing player who has come under the fore has been Hardik Pandya. He has been instrumental in taking his side over the line by giving a final push. Hardik, who is destructive with the bat as much as with the bowl, can lead team to victories with his clinical all round punch. Playing for Mumbai Indians in 2015, looking at the wide range of talent embedded in him, Sachin Tendulkar called Hardik and told him that he will play for India in next 18 months. In 2017, he scored 250 runs along with 20 sixes and bagged six wickets in the entire season. Pandya has certainly evolved into an impact player over the years.

Hardik made his T20I debut for India in 2016, at the age of 22, picking up two wickets against Australia. Making his ODI debut against New Zealand, he grabbed the Man of the Match award, becoming only the fourth Indian to achieve this feat after Sandeep Patil, Mohit Sharma and KL Rahul. He has been making steady progress for India in all the three formats. As Pandya matures, Kohli can afford to go with four bowlers without compromising on the batting core.



NIMISH NANDURKAR

Third Year

Electrical Engineering



NATURE BITES BACK: WILDLIFE TRADE A CATALYST FOR ZOOONOTIC DISEASES

Is nature hitting back?

In order to prevent future pandemics, we need to change our relationship with wildlife as there is striking link between the wildlife trade and diseases — Zoonotic diseases — that had, in the past, and is currently ravaging the world.

Zoonotic diseases are those that can be transmitted between animals and humans, according to the Wildlife Conservation Society-India. Wildlife trade — that puts humans and many different species of animals (both live and dead) in constant, close contact — is a catalyst for zoonotic diseases, the organisation says. Increasing rates of international animal trafficking and trade also increase the likelihood of global epidemics the disease making the jump from animal to a human population can be caused by a range of factors, including Increased contact between humans and animals the number of different species to which humans are exposed mutations in disease-causing viruses.

1. Animal to animal transmission

Some animals act as reservoir hosts that carry a disease-causing agent (virus, bacteria, or parasite), and can transmit it to other animals (intermediate host) as well as to humans.

2. Spill over event

Occurs when a human gets infected with the disease-causing agent, through contact with the “reservoir animal” or “intermediate hosts” (through handling, hurting, wildlife trade)

3. Human to human transmission

Once the disease-causing agent has infected the first human, transmission from one human to the other can occur through contact

Disease outbreaks linked to wildlife trade:

Severe Acute Respiratory Syndrome (SARS) in 2002-2003:

First identified from a live wildlife market in Guangzhou in China and accounted for 8,098 human cases and 774 deaths

Origin: Trade of masked palm civets (also raccoon dogs and other animals)

Avian Influenza H5N1 in 2003-2015

First identified from hawk eagles smuggled into Belgium from Thailand and constituted 826 human cases and 440 deaths

Origin: Trade of mountain Hawk-eagles *Spizaetus nipalensis*

Monkey pox (MPX) in 2003:

First identified from wild rodent from Ghana imported into the USA for pet trade

Origin: Trade of three genera of African rodents (*Cricetomys*, *Graphiurus* and *Funisciurus*), passed to native prairie dogs

Ebola Virus in 2013-2016:

First identified from West Africa and accounted for human cases and over 11,310 deaths



RUSHIKESH BALAPURE

Third Year

Electronics & Telecommunication Engineering



OUR DATA

In the past, it was easy for people to keep track of their personal information. Like their possessions, people's information existed mostly in physical form: on paper, kept in a folder, locked in a cupboard or an office. Today, our personal information can be collected and stored online, and it's accessible to more people than ever before. Many of us share our physical location, our travel plans, our political opinions, our shopping interests and our family photos online – as key services like ordering a takeaway meal, booking a plane, taking part in a poll or buying new clothes now take place online and require us to give out our data.

Every search you make, service you use, message you send and item you buy is part of your 'digital footprint'. Companies and online platforms use this 'footprint' to track exactly what we are doing, from what links we click on to how much time we spend on a website. Based on your online activity, they can guess what you are interested in and what things you might want to buy. Knowing so much about you gives online platforms and companies a lot of power and a lot of money. By selling your data or providing targeted content, companies can turn your online activity into profit. This is the foundation of the growing industry of digital marketing.

Some of the time our personal data is shared online with our consent. We post our birthday, our photographs and even our opinions online on social media. We know that this information is publicly accessible. However, our data often travels further than we realize, and can be used in ways that we did not intend. Certain news scandals about data breaches, where personal data has been lost, leaked or shared without consent, have recently made people much more aware of the potential dangers of sharing information online.

Can you protect your data Yes or No! So, can we do anything to protect our data? Or should we just accept that in fact nothing is 'free' and sharing our data is the price we have to pay for using many online services? As people are increasingly aware of and worried about data protection, governments and organizations are taking a more active role in protecting privacy. For example, the European Union passed the General Data Protection Law, which regulates how personal information is collected online. However, there is still much work to be done.

As internet users, we should all have a say in how our data is used. It is important that we pay more attention to how data is acquired, where it is stored and how it is used. As the ways in which we use the internet continue to grow and change, we will need to stay informed and keep demanding new laws and regulations, and better information about how to protect ourselves. Safer Internet Day is an ideal time to find out more about this topic.



SHREYASH POLE

Third Year

Electronics & Telecommunication Engineering



KIND

Can you remember a time when somebody was kind to you? Perhaps a person allowed you to go in front of them in a queue. Maybe your sister phoned you to ask how your week was going. Or perhaps a stranger or a friend helped you in a much deeper way. There are a million ways to offer kindness. And at a time when the world seems to have so many problems, some people have started to take the issue of kindness very seriously indeed!

Few people would disagree with the idea that a kind action is good for the soul. It is a win-win situation, leading to a sense of well-being both for the receiver of this kind gesture, as well as for the person who does the action. As a simple example, let's imagine you have a workmate who always does a very good job. How about taking a moment to mention this to them, just in conversation or perhaps by email? The effects of this will probably be quite clear: your workmate will be happy to receive some praise and, in addition, you will probably feel good about yourself for having spread a little joy.

Many organizations try to encourage people to do kind acts, wherever and whenever they can. The idea behind this is that it doesn't take any major plan to be kind, just a little bit of effort. Perhaps the strongest supporters of this idea are the Random Acts of Kindness (RAK) Foundation, who work with schools and companies to teach people kindness skills. They operate under the beliefs that kindness can be taught and that it is contagious. Their activities range from suggesting kind acts to allowing their website-users to become 'RAKtivists' (people who officially register themselves as activists of kindness).

Apart from using your own common sense, the RAK website suggests some more imaginative ways to show kindness. Generally, these fall into three categories. The first is interpersonal kindness. Some examples are donating old clothes to charity or writing a positive online comment about a restaurant that you like. The second is environmental kindness, which could mean simply recycling or organizing a group event to clean a local park or beach. The third category is less obvious: personal kindness, which means treating yourself kindly. Some examples are taking a walk in nature or setting yourself an objective to complain less. The logic is that by being kind to yourself, you will automatically be kinder to the world around you.

Most experts on kindness agree that it has a sort of ripple effect. This means that one kind action tends to lead to more and more. So don't wait for kindness to find you today, go and start a new ripple!



PRAJAKTA HADOLE

Third Year

Mechanical Engineering



COMMERCIAL 5G IN INDIA

5G is the next big leap in network technology, serving as the successor to the now-omnipresent 4G. This new jump forward promises greater bandwidth and faster download speeds. In the areas where 5G has rolled out already, we do find this to be true — low-band 5G can deliver up to 250 Mbps in download speeds, mid-band 5G can go up to 900 Mbps, while mm Wave can deliver close to 1.2Gbps and even beyond. Unfortunately, for some countries, like India, 5G is not on the cards right now, and the wait might even get longer as the government is mulling a deferment of 5G spectrum auctions all the way to 2021. Spectrum auctions in India were expected to be conducted in April 2020, but the poor health of the country's telecom industry and the COVID-19 pandemic had put this on the back burner for the foreseeable future. Now, a new report from the Economic Times indicates that the government is likely to split the telecom spectrum auction. Citing people familiar with the matter, only 4G airwaves are expected to be available in the auction in 2020, while the 5G spectrum will be auctioned only in 2021.

The report further goes on to cite officials from the Indian government's Department of Telecommunication (DoT), pointing that a 5G spectrum auction this year would have attracted few bidders. Further, all three of India's private operators — Reliance Jio, Bharti Airtel, and Vodafone Idea — unanimously agreed that the base price for the 5G auctions was too high and would not attract bids. Airtel and Vodafone also cite stretched finances and an underdeveloped ecosystem for their desire to have the spectrum sale delayed. What does this mean for 5G in India in the short-term future?

If the government does decide to decouple 5G away from this year's spectrum auction, it will lead to a cascading effect on the timeline of commercial 5G availability in India. Under previous optimistic timelines, if the spectrum auction would have been complete in mid-2020, and field trials would have begun in 2021, commercial 5G was expected to be made available to average consumers in late 2021-early 2022. Since the auction is expected to be pushed back to sometime in 2021, at least seven months away, we can expect all subsequent plans to be pushed back by a corresponding period. Field trials get pushed to late 2021, and commercial availability gets pushed further to mid/late 2022. Remember, this is also on a fairly optimistic timeline, one that presumes that all the expensively-priced spectrum is scooped up in the first auction (and does not necessitate multiple auction rounds as companies decide to stay away due to high prices), with other presumptions such as minimal economic fallout to the telecom sector despite the COVID-19 pandemic, and a swift end and recovery from the pandemic induced lockdown measures. That's a lot of optimism for our current reality.

Long story short, buying a smartphone in India right now specifically for 5G and network-based “future-proofing” makes even lesser sense with each such development. We'll update the article with further developments on this topic.



SHUBHAM AGRAWAL

Third Year

Information Technology



HAPPINESS IS THE PROSSES OF BECOMING YOUR IDEAL SAFE

Completing a Marathon makes us happier than eating a chocolate cake, Raising a child makes us happier beating a video game, starting a small Business with friends and struggling to make money makes us happier than buying a new computer, and the funny thing is that all three of the activities above are exceedingly unpleasant and require setting high exceptions and potentially failing to away meet them. Yet they are some of the most meaningful moments and activities of our lives. They involve pain struggle, even anger and despair yet once we have done them we look back and get misty-eyed about them...WHY?? Because it's these sorts of activities that allow us to become our ideal selves, it's the perpetual pursuit of fulfilling our ideal selves that grants us happiness, regardless of superficial pleasures or pain, regardless of positive or negative emotions. This is why some people are happy in war and other are sad at wedding. It's why some are excited to work and other are hate parties. The traits they are inhabiting don't align with their ideal selves.

The end results don't define our ideal selves. It's not finishing the marathon that makes us happy; it's achieving a difficult long-term goal that does, it's having an awesome kid to showoff that makes happy; it's knowing that you gave yourself up to the growth of another human being that is special. It's not the prestige and money from the new business that make you happy. It's the power of overcoming all odds with people you can about. And this is the reason that trying to be happy inevitably will make you unhappy. Cue statement about finding "finding happiness within" and "knowing that you're enough". It is not that happiness itself is in you, it's that happiness occurs when you decide to pursue what' in you. And this is why happiness is so fleeting. Anyone who has set out major life goals for themselves only to achieve them and realize that they feel the same relative amount of happiness / unhappiness know that happiness always feels like it's around the corner. Just waiting for you to show up: no matter where you are in life, you will always perceive there to be one more thing you need to do to be especially happy. But it too, will be mirage.

And that's because our ideal self is always just around that corner, always three step ahead of us. We dream of being a musician and when we're a musician, we dream of writing a film score and when write a film score, we dream of write a scrcephy and what matter's isn't that we achieve each of these plateaus of success but that we're consistently moving towards them, day after day month after month, year after year. The plateaus will come self-down the path of our lives. And with that, with regards to finding happiness. It seems the least advice is also the simplest; Imagine who you want to be and then step towards it. Dream big and then do something, anything. The simple out of moving at all will change who you fell about the entire process and serve to inspire you further. Let go of the Imagined result: It's not necessary. The fantasy and the dream are merely tools to get you off your ass. It doesn't matter if they come true or not. Live, man just live. Stop trying to be happy and just be...

 **DEVDATTA SAHADEO NIMBALKAR**

Second Year

Master of Business Administration



VISION OF 2020....

India's Vision 2020 was initially a document prepared by Nivetha. SK the Technology Information, Forecasting and Assessment Council (TIFAC) of India's Department of Science and Technology under the chairmanship of A. P. J. Abdul Kalam and a team of 500 experts. The plan is further detailed in the book India 2020: A Vision for the New Millennium, which Dr. Kalam co-authored with Y. S. Rajan.

Kalam described the plan as follows: "Transforming the nation into a developed country, five areas in combination have been identified based on India's core competence, natural resources and talented manpower for integrated action to double the growth rate of GDP and realize the Vision of Developed India". This is about India will developed in 2020. Now there is a group or private organization called "Visionaries Organisation In Service to Society (VOISS)" and their page names in social-networking sites as "Let's complete his vision 2020" to promote this vision 2020 after the death of Dr. A. P. J. Abdul Kalam on 27 July 2015.



ADITI TADE

Second Year

Electronics & Telecommunication Engineering

TADoba NATIONAL PARK

Tadoba National Park is located in Chandrapur district of Maharashtra state in central India. Tadoba is notable as Maharashtra's oldest and largest national park. Tadoba Tiger Sightings is one of the major reasons for tourists to visit this tiger reserve. It is one of India's 43 "Project Tiger" – tiger reserves.

Tadoba is one of the largest and oldest national park, which has endless treasure of large number of species of trees & plants and wildlife like Panthers, Tigers, Hyenas, Sloth Bears, Wild Dogs, Jackals, Barking Deer, Bison, Sambar, Herd of Deer to name a few. The most popular species of trees you can find in Tadoba forest. Is Teak and bamboo

The Gond kings once ruled these forests in the vicinity of the Chimur hills. Hunting was completely banned in 1935. Two decades later, in 1955, 116.54 km² (45.00 sq. mi) was declared a National Park. Andhari Wildlife Sanctuary was created on the adjacent forests in 1986, and in 1995, both the park and the sanctuary were merged to establish the present tiger reserve.

Tadoba Andhari Reserve is the largest national park in Maharashtra. Total area of the reserve is 1727 km². This includes Tadoba National Park, created in 1955. There are more than 80 tigers (as of Dec 2015) in the reserve, one of the highest in India.

**Mammals you get to see in Tadoba:**

Tiger, Leopards, Sloth Bears, Gaur, Nilgai, Dhole, Striped Hyena, Small Indian Civet, Jungle Cats, Sambar, Spotted Deer, Barking Deer, Chital, Chausingha Honey Badger.

Birds you get to see in Tadoba:

Grey-headed fish eagle, The Crested Serpent Eagle, Changeable Hawk-Eagle, Orange-Headed Thrush, Indian Pitta, Crested Tree swift, Stone curlew, Crested Honey Buzzard, Paradise Flycatcher, Bronze-Winged Jacana, Lesser Golden-Backed Woodpecker, Warblers, Black-napped blue Flycatcher, Peacock

How do I get there?

By Air: International airport is located in Nagpur. It is the nearest airport to the park. Many flights connect Delhi, Mumbai, Chennai and other important states with Nagpur.

By Rail: The nearest railway station to the park is Chandrapur railway station. It is located 45 km away from the park.

By Road: Buses and cars from all surrounding cities connect with the park.

**HARSH JAISWAL**

Third Year

Information Technology

IMPACT OF INTERNET IN INDIA

Access to Internet and broadband are widely regarded as catalysts for economic and social development of a country. A number of research studies have demonstrated the positive impact that Internet and broadband penetration have on national income (GDP) as well as its transformative impact on businesses and livelihoods. Internet (among other means of access such as a fixed line or mobile) is increasingly viewed as an efficient mechanism for accessing information.

Several case studies have highlighted the role that information can play in inspiring economic activity and good governance. In this sense, information can be viewed as a public good, access to which yields positive externalities. Internet allows better access to information and hence the existence of ubiquitous information infrastructure becomes a key input to the efficient functioning of markets and government.

One of the chief tasks of this report is to provide a compelling basis for government intervention in the internet market in general and broadband in particular.

**Scope of study:**

To the best of our knowledge this is the first study that systematically investigates the growth impact of Internet and broadband at a sub-national level. India is ideally placed for such an analysis because it has more diversity within its borders than any other country. Over 1.2 billion people live and work in India in very different circumstances and geographies. Yet critical telecommunications policy is formulated at the national level and applicable across the country. The study would be incomplete if it failed to demonstrate the manner in which Internet and broadband create growth impacts.

Assessment of internet and broadband impacts – international experiences

Two broad approaches have been used to measure the economic impacts of broadband and Internet; these are the input-output method and the multivariate regression analysis. The former technique relies on input-output matrices to estimate the impact of broadband infrastructure deployment on output and employment generation in a country. The latter are largely international cross-sectional studies that attempt to gauge the impact of broadband infrastructure on economic activity by establishing a causal link between broadband deployment and economic growth.

An influential and widely cited study in this genre is the World Bank inquiry into the economic impacts of Information and communication technologies (ICTs) including broadband (Qiang et al 2009). It draws its intellectual inspiration from Roller and Waver man [row] (1996, 2001), who were the first to quantify the positive impact of investment in telecoms on the economic growth of a country. The research suggests that the contribution of broadband to economic growth is indeed substantial, and may be more profound than comparable narrowband or voice-based ICTs. The study finds that 10 per cent increase in broadband penetration boosts GDP growth by 1.38 per cent in developing countries.

Many other studies support the growth-dividend hypothesis for broadband. McKinsey & Company found that 10 per cent increase in broadband household penetration delivers a boost to a country's GDP that ranges from 0.1 – 1.4 per cent. Booz & Company found that 10 per cent higher broadband penetration in a specific year is correlated to 1.5 per cent greater labour productivity growth in the next five years. The point of departure for this report is to measure the Internet-growth linkage within the national boundaries using the multivariate regression model.

Analysing the growth impact of Internet in India

India's tele density has shown extraordinary growth since private participation was allowed in the sector, rising from less than 1 per cent in 1998 to 61 per cent on September 3, 2010. Several studies have found that the telecommunications infrastructure is one of the significant factors in



economic growth, alongside others such as overall investment, education, energy and transportation networks. Despite the rapid growth in mobile penetration rate – an acknowledged driver of growth – India lags behind other countries in Internet and broadband penetration. Based on TRAI data, while there were 687.71 million mobile subscribers as of June 2010, the corresponding numbers for Internet and broadband were 17.9 million and 10.31 million respectively. Net additions in broadband subscribers are merely 0.2 to 0.3 million per month compared to around 15-18 million mobile connections.

The benefits and externalities associated with greater Internet and broadband penetration are far too significant to wait for the market to deliver these outcomes. India's federal structure, with some states such as Uttar Pradesh, Maharashtra, and Madhya Pradesh having significantly higher population and geographical area than most European countries, readily lends itself to such analysis.

Moreover, balanced regional development has always been an objective and therefore studying the impact of telecom's liberalization across states will provide valuable insights for this policy aim.

While the rapid spread of mobile telephony has been the most visible demonstration of the benefits of telecom sector liberalization, attention needs to shift to data and Internet. Accordingly, we attempt to answer three questions:

- What is the impact of Internet penetration on state growth rates?
- Do less-developed states show a greater impact of Internet penetration?
- What is the mechanism by which Internet affects growth; and what are the constraints, if any, which limit its impact.

Our first major finding is the existence of a positive and significant coefficient on Internet. The result shows every 10 per cent increase in Internet subscribers delivers, on average, 1.08 per cent increase in output. Accordingly, Indian states with higher Internet penetration can be expected to grow faster. What it means is, if Bihar had half as many Internet subscribers as Punjab, it would have resulted in an increased growth of 7.02 per cent in state per capita income.

 **KARAN SINGH CHANDEL**

Third Year

Electronics & Telecommunication Engineering



THE CORONA EFFECT

The year 2020 gave such a fun perception of itself initially. Firstly, it's a year whose number matches with the most thrilling cricket league – T20; secondly, the Olympics. And of course, there might be several other cultural and entertainment events which we eagerly wait for. Personal milestones of birthdays, anniversaries, graduation years and so much more. And the year 2020 didn't disappoint us at all, it just overwhelmed us, giving us something which we didn't ask for, in the first place.

Fairly speaking, the year got nothing to do with all that is happening around the world, it just happened to be. But obviously, a global pandemic was not something which we were looking for or even prepared for. We may have imagined all sorts of destructions; earthquakes, tsunamis, planetary bodies giving our earth a pat maybe...but the so called developed nations kneeling over some menacing virus – this was something which we were the least prepared for, or even bothered about during the initial days.

Well, within less than two months, the virus has shown its dominative power and how low on ammo we are, against this virus. Nations running out of hospital beds, ventilators, masks; inducing shutdowns in their respective regions, people running out of basic amenities, growing rate of deaths and panic-stricken people continuously on the rise, economies collapsing and what not. And until this very moment, there seems no permanent solution to this, nor do we know how far this will take us. Lockdowns are supposed to slow down the community transmission; only if followed rigorously, otherwise it's near to impossible to disinfect each and every person on this planet; and even if so, there is a chance that a second wave might get us – again. A vaccine will be our only redemption from this virus.

The thought of it seems very interesting that a pandemic causing virus can only be destroyed through wearing masks and practicing general hygiene – a habit which we mostly ignore, and usually run away from during our normal days. The fact that people now have to stay in their homes, day and night and wash their hands once every hour is just maddening. The whole situation just got me thinking that we as humans, just take everything for granted. Now when we are abstained from going outside and meeting people and interacting, we know the real value of these things.

But the sight of people coming together – nurses, doctors, goons, military, retailers as well as common people and even nations supporting each other's back during this crisis is indeed an emotional experience for all of us. This led to the question that why does it take something like a virus or crisis for us all to get together? Can't we be always this caring and respectful towards everyone; to all humans as well as other lives; even beyond the borders of our nation?

It's hard to accept, but we enjoy violence, not just now; it has been so since human inception - and we enjoy it as an audience and sometimes as participators. We forget that national boundaries are drawn just for the sake of administrative and cultural clarifications and let ourselves indulge in biased behaviors toward people from other regions as if we are supreme than them in some way. Why go for national borders, we even indulge in violence within our own countries.



All it took for us to get together was a life threatening virus. We humans are the real viruses I guess; we can't sustain on our own, so we leech out resources from the earth and animals, and sometimes emotionally from other humans, in every way possible, not thinking that these actions will itself render them incapable someday. We find ways to transfer life to other planets, instead of indulging in actions to mend our own current habitat; not realizing that most likely, we will damage the latter one too, because we do not care about when to stop: just like the virus.

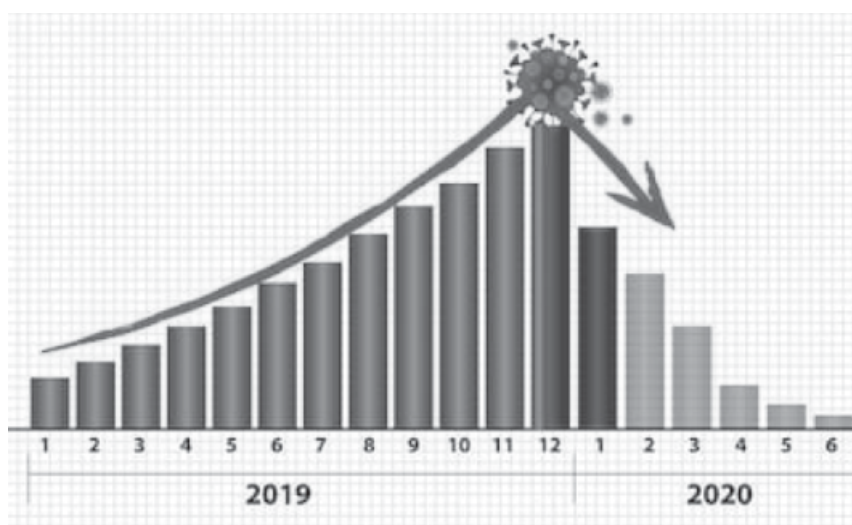
Observing carefully, the Coronavirus can be thought of as a balancer. It just doesn't care which country you are, what your net worth is, which profession you are or how many houses you own or even how many beautiful spouses you have. It treats everyone equally. Not that the virus was sent down by some supreme force to teach us a lesson; well, that's upon your belief and I wouldn't interfere with it, but one can just see now how fragile life is. Sometimes, it doesn't take a gigantic asteroid, or an advanced species of intergalactic organism to end us; just a partially living nanometer sized virus will do.

But, hopefully, we will pull ourselves through this, no matter what, because when we stand up and fight, we fight like no one else and history has the evidence of it. But maybe, after this lockdown, when you step out, be more generous and compassionate to all those around us, be thankful to all those who work to make our meets end because money can only buy things if they exist in the first place. Try giving back more to our planet and our people, be less judgmental, and be grateful for what you have: not what you own or the gifts or talents you pose; but the gift of life itself.

**SACHIN NAIR**

Final Year

Computer Science and Engineering





LOCKDOWN: THE EVER LASTING LESSON FOR EVERYONE

Hope everyone is doing well in this lockdown. During this period...

The game of accepting challenges, completing them and then nominating others would be going on everywhere... In Every family, LUDO would be entertaining everyone from younger to elder...

Students would be gaining lots of new different skills online... & the final year students might would be struggling with a lot of unanswered questions of their Careers...

Employees might would be working from home for their companies... Small Businessmen/Shopkeepers would be running their business legally or illegally for the sake of their Livelihood...

Some Big Celebrities would be sharing their Quarantine life on social media...

Government would be promising Budgets to the general public and Politicians would be washing their hands in this situation for the sake of Vote...

And everyone is busy with their own stuff and their own Life... That's a Great and Awesome... You all are Rocking and Doing well...

Now let's take a Ride of the world of this lockdown with me...

Now here, I am going to share with you my some observation and experience of this Lockdown/Quarantine life, which will tell you this lockdown is not same for everyone.

Every day you all would be watching and listening the news regarding Corona Virus and its impact on our life. Meanwhile you might would come across the news on current situation and life of workers which are out of their homes, and also would come across the struggles of farmers in Banks and Tahasil offices. But may not have tried to understand the situation and realize that pain, and whatever...

Well, now let's see exactly what is happening...

May and June, the months of hustle for the farmers. In May, almost all the farmers applies for the crop loan to bring the fertilizers and seeds for their farms, and once their loan gets sanctioned, they bring all the required things for their farming and starts farming in the month of June after the onset of monsoon.

Do you know what documents and process is needed to get this crop loan? Those who belongs to the family of farmers knows it very well. Well, let me tell you, there would be merely 10 to 12 documents. Most of them we already have it, but there are some 2 to 3 documents, to get them what it takes you may not know.



While roaming in your city you might would come across the Tahasil offices and Banks and have watched the huge crowd in front of it. But may not have think of it, why this people are gathered here in the row? Well, let me tell you, most of them are farmers, struggling to get those documents and complete the process. For a moment, just go there and ask anyone of them, how long have you been here? & just listen them, then you will realize their pain, that to get a single document and completing the process of loan how much time they are visiting this Offices & Banks from their villages in such a sunny days without considering the fear of Corona in their mind.

With limited timing and limited staff the offices are working. But they are not thinking of these people standing in the row, outside their offices in such a sunny Days without following any rule of social distancing. And these people don't know how much they are taking risk with their lives.

Being the son of farmer, I was also in the same process from last 8 days. While realizing that pain personally, I used to think that, what I can do for this people to make this process simple. But couldn't do anything. Because, we can't change this process. Here, everyone is afraid of this pandemic. No one would like to take risk for any other. And who is being rubbed in such a situation. Only the poor's and the farmers. Those who have good contacts and money, by using its power they are making their works easily.

Up till now this scenario was somewhat better, but this year, this pandemic is just beating everyone. Especially poor workers and farmers. By putting this situation on news, media is just making money. And Government is doing its work by making the false promises to public. And the practical life is in front of you....This was nothing... Now the experience which I am going to share with you will open your eyes and will show you the reality of the practical life of workers...

Just somewhat 8 or 9 days before, in afternoon, me and my uncle were heading towards Nandura for some work. And the sun was blazing rigorously. In between, to drink water we stopped on a stall where the RO water cans were kept outside. Then we went there, drank water, & sat on the bench to take some rest. And at the same time, 2 cargo trucks, full of workers without any roof on their top, were came and stopped some far from that stall.

Two men get down from the truck and came to the stall. And were asking, Can we get some water? We are so thirsty. Then the stall owner replied yes, but first he asked them one question, do you have money for that? It's a 5 rupees per bottle. Then what happened you won't believe. Those workers said No: we don't have a single penny in our pocket. And the stall owner just refused them to drink water.

And then, they both were on their way back to their truck at the same time my uncle stopped them, and called them back; and said them, drink this water I will pay your bill. They both came, drank the water and was just on the way back some more workers came. Then we again purchased some bottles and distributed within them. Doing so, we purchased total six cans and watered them all in both the trucks.



At the end, while communicating with them we come to know that... They came from Gujarat and were heading towards the towns of Andhra Pradesh to their homes. They were saying, they started their journey at yesterday evening and will reach their villages today night. Some of them were telling, from last night we haven't ate anything, and no one is asking us in between, because wherever we stopped, people were not considering us due to the fear of Corona. And now, we are just counting the Distance.... By saying this words, they thanks us and got back on their way....

Now I would like to ask you one question... In your entire life, have you ever seen any such day, that you don't have single penny in your pocket to purchase the Bisleri water? Hope most of us will say No....And is this the condition of the workers on whom this Country was going to become an Economic Superpower? Who is responsible for this situation...?

You were watching from last some days, how this workers are struggling to go their home. Some of them started their journey of thousands of kilometer with their small children's by walking on road, without thinking how they will get food, water and shelter in between the Journey. Some are waiting for the helps by government where they are stuck. Even some are dying in between the journey (recent news of toddler trying to wake up dead mother at Bihar's Muzaffarpur Railway Station). And after such events, still Government is just announcing help, but the practical life is in front of you. And in this situation too, these f*****g politicians are playing politics. But no one is really caring about these helpless. Because they are not realizing that pain. They don't know the pain of losing someone. They will just come to you before election to ask you, how you are?

Now my question is, where have these all people gone?

Every MLA and Ministers keeps power to provide all the needs to homeless in their respective areas. But practically, how much of them did you see helping these homeless? Not more than two or three...

All these Big Celebrities, Sportsmen and Businessmen of India, If decide to change these scenario within two to three days, then every worker will be at his home with his family. And no poor and homeless will stay hungry. But this will never happen... Because in our country, the real life heroes like Sonu Sood, Akshay Kumar, Bhuvan Bam, Pappan Gehlot and some other Unsung Heroes and Organizations are very few. Why, are there only these 4 to 5 real life heroes in India? Where are others? Because they all are busy in playing politics, making tik tok videos and posting their Quarantine life on social media. And situation is going to remain as it is... Because, There is no impact of this pandemic on the lifestyles of politicians, Big Celebrities and all those upper class families. In the History, up till now, whenever such Situations arose, only the poor workers and farmers had been rubbed in that...



At the end, I will just say.... This lockdown is not same for everyone. Let all these Politicians, Big Celebrities and Government go anywhere. We all also keep power to change this scenario somewhat. Just remember the words of Gandhiji... "The best way to find yourself is to lose yourself in the service of others." So, if you find any helpless, homeless with his bags, going somewhere on street, without thinking for a moment, just go there and ask them for food and water, if you can... And Please, don't discriminate against them... Try to live for others at least once. And believe me, that feeling of doing something for someone is Incredible and Unforgettable... The purpose of life is not to be happy. It is to be useful. No one has ever become poor by giving. In future, only this blessing will work for you. So just go out, and be the reason of someone's smile Today....

VISHWNATH JAWANJAL

Final Year

Electrical Engineering

A HEART TOUCHING POEM

BY SOLDIER...

*If I die in a war zone,
Box me and send me home.
Put my medals on my chest,
Tell my mom I did my best.
Tell my dad not to bow,*

*He won't get tension from me now.
Tell my brother to study perfectly,
Keys my bike will be his permanently.
Tell my sister not to be upset,
Her bro will not rise with this sunset.*

*Tell my nation not to cry,
"Because I am a soldier born to die..."*

CLEAN, GREEN DREAM INDIA.

Every corner of motherland says, for making dirty there are many ways. But for clean and beauty, bring idea make effort for clean, green and dream India.

River's goddesses are becoming worried. No flower, No cloth's, No more buried water is rebelling for no plastic Diya make efforts of clean, green and dream India.

Garbage heaps are overflowing. Dustbins are empty going. Roads are begging to push idea. Make efforts for clean, green and dream India.

It's a dream, Gandhi saw and our aim to publish it low. For our Witan, Bharat and India. Please make effort for clean, green and dream India.

MOHIT VYAS

Third Year

Electronics & Telecommunication Engineering

SAMPADA VYAS

Second year,

Computer Science and Engineering



LIFE IS SHORT-BILLY GRAHAM

Time is short, what is your life. It's even a vapor that add earth for a little time and then vanished away. If someone told me when I was 20 years old that life is very short and would pass just like that I woot have beehive it and if I tell you that you don't beehive it either I cannot get young people to understand

How define life is,

How quickly it passes, It seems like yesterday I was in school. Every one of us has been given the same amount of time. In a day, i.e. 24 hr., 1440 min, 168 hr. /weeks.

70 years god allows us and it is anything to me all of our MS we've never pass that magic mark. Avg 70/4 month- life spam.

What a thing it is when you think that you have just one short like to spend and it will soon be over I'd write down priorities in life and I'd get committed to certain priorities.

Now it's the accepted time, things we ought to do the classes we ought to take the books we ought to read it do now. The family that needs you spend more time now, write that letter home now that you've been meaning to write money you ought to give, give now time for study do it now, people you ought to witness to do it now everything the clock ticks it seems to say now "Today".

If you will neat his voice, there may not be tomorrow for you and for me because there's a warning to time, time is running out for all of us. Time is too short for indecision and vacillation. Do not hast between two opinions fool's sat ha time is long. Every morning we have 86,400 sec to spend and to invest and each day the bank named tine opens a new account for you and for me. It allows no balance and overdrafts. If you fail to use the day's deposits the loss is yours.

"Bible says redeem the time because the day are evil." And the days in which we are living are very evil. If there was ever a time for the gospel that can transform the human hearts its now;

Jesus said as long as its day we must do the work for him that sent us, the night is coming when no man can work. The night is going to come in your life, yet this was serenity about the work of Lord Jesus.

It's the quantity of life not the length; Jesus only had 33years and ended on the cross, to the world he was a failure at that moment, yet at the end of his life he said I finished. The work that Thou Gravest me to do. It doesn't matter whether you live another year or 2/5 years will your work is finished, is there a quality to it, is there a quality dedication to it, suppose all of our members, tithe there time to witness for Christ. As we tithe our income for the church, fill your heart with the world of God, I found that those who know the Scriptures all the once that hare the power today. But we need men and women who walk with God and if you do that you too can finish the work that god give you to do and help us to realize the brevity and the urgency of time.



ANANT GABHANE

Second Year,
Electronics & Telecommunication Engineering



WAIT AND FEEL THE PARENT BEFORE FEW DAYS

I went to a place with my family. The surrounding near was blessed with nature's goodness, green tress, little yellow purple flower and also a lack with clear water reflecting the sun light like stars in day light. As I saw this things I got amazed and I took my mobile took a picture of the lake and put it on the status.

Later I went to a temple, where Lord Krishna and Radha were beautifully dressed in shinning pink. Watching them I felt a need – a need to take my mobile and put the status, I did. After coming home, going through the picture I realized that I just captured memories and not lived them. It was bitter to sit near the lake, to feel the calm wind. It was better to pry the lord for a good future.

That was the time when I whispered to myself don't just capture, put on status but it's a need to wait... and feel the present.

 **DEVASHRI POHARE**

Third Year,
Information Technology

GREATNESS OF SANSKRIT

It is reported that Sanskrit Language is the mother of Latin, Roman and Arabic languages. Besides, it is also stated that in Sanskrit language, more than 10,000 WORDS OF RUSSIAN LANGUAGE are also found. The most important cause for the continuity of Indian culture throughout the country is undoubtedly Sanskrit. All languages of India with perhaps the exception of Tamil consider Sanskrit as the mother. The world's most ancient language was used in early Vedic literature about 5000 years back. Panini's "ASHTAADHYAAYI", the most ancient grammar helped to initiate writing. Great epics-Mahabharata and Ramayana-were authored later.

Valmiki is considered as the first poet of the world. Aswaghosha's BUDDHACHARITHA AND SOUNDARANANDA were later works. Kalidasa's KUMARASAMBHAVA, RAGHUVAMSHA, ABHIGNANA SHAAKUNTALA etc., written somewhere near 5th century. Bhaaravi's KIRAATHARJUNEEYA was written in about 6th century.

Varieties in Sanskrit literature extends from dramas of Bhaasa (Prtigna Yougharayana, SwapnaVasavadatta etc), Kalidasa, Shoodraka(Mrichchikatika), Vishakadatta (Mudraraakshasa), Bhavabhooti(Mahaveeracharitha,- Uttara Ramacharitha, Malathi madhava), Harsha(Ratnavali, Priyadarshika, Nagananda), Mahendra Vikrama(Mattavilasa) etc. Vishnu Sharma's PANCHATANTRA started the art of storytelling. Baana's KADAMBARI started the novel writing.



Goddala's 'UDAYA SUNDARI' started the love stories., also called Champoo kavya. Bhojaraja's SHRINGARA MANJARI is a novel where different types of love are explained. Somadeva's KATHA SARITHSAGARA is a treasure of stories. Kshemendra's 'KALAVILASA', DARPADALANA, DESHOPADESHA etc., are works of satire dealing with corruption, and other evil practices. Patanjali's MAHABHASHYA started the analytical writing. Aryabhata and Bhaskaracharya wrote of mathematics and astronomy. Charaka and sushruta wrote of medicine. Koutilya on politics and administration.

Bharathamuni- s NATYASHASTRA started the art of criticism. Bhamaha, Dandin, Vemana, Rudratha, Anandavardhana, Kuntaka, Udhbuta, Lollata, Dhananjaya and others including Raja Bhoja were famous critics of the time.

DOWNFALL

The downfall started with foreign aggression from about 1200 AD. Even then there were some efforts to further the literature. Amarachandra, Someswara, Balachandra, Vastupala, Princess Ganga, Ahobila, Dindima, Gopala, Manadeva, Neelakanta, Venkataadhvari and others were the famous writers of the time. These efforts continued even during the British period. Even now Sanskrit is providing a storehouse for the words required to write scientific and technical books. This has come to the personal experience of this author.

WHY IMPORTANCE OF SANSKRIT?

There are four reasons.

1. The accuracy of grammar, beauty of the expressions and the sound of Sanskrit is not found in any other language of the world. It provides the basis for all other Indian languages like what Greek and Latin are for the western languages.
2. Indian culture rests on Sanskrit. Vedas, Upanishads, Puranas, Epics like Mahabharata and Ramayana, Yoga sutras are all in Sanskrit. It is these that have bonded India together.
3. Sanskrit is rich in literature by poets like Kalidasa, Bharavi, Banabhatta, bhartihari etc., It is not that it deals only with spiritual matters. It caters to all needs of all people including finance, politics, law, mental health, mathematics, astronomy, medicine, engineering and many others.
4. It provides values applicable to the whole humanity. It not only provides a hope for the individual that he can rise to the level of the divine and through that concept, one can identify with every one else and thus helps in developing brotherhood in the whole world.

Technical Section





Editorial

Blockchain technology is regarded by many IT innovators and experts as one of the most significant technological innovations in recent years in the field of digitization of secure ownership of assets. The technology is founded upon the concept of a distributed ledger, a way of decentralized cataloguing and accounting for large volumes of data. Blockchain is viewed by many as a disruptive technology that “will revolutionize business and redefine companies and economies.”

There is growing anticipation at present that the blockchain technology will have a profound impact on many sectors of the industry including, for instance, financial services, supply chain management, manufacturing, transport, healthcare, fashion, and entertainment. The impact materializes through the improved use of a decentralized, global infrastructure of the digital world with the introduction of novel applications and business models. All this recent progress notwithstanding, academic research in the IS/IT field has been lagging behind the practical advances of this technology. In particular, a definitive framework to study the current public and private blockchain applications has not yet emerged. Indeed, there remains many unexplored avenues and directions for IS research in this field. One especially important research problem that calls for immediate attention focuses on the investigation of many subtle sociocultural aspects of the use of this technology, which bind together individuals, organizations, and the society at large.

Some other significant topics of research include a theoretical understanding of the disintermediated online trust behaviour of suppliers and consumers, prospective ranges of IOT (the Internet of Things) applications of blockchain, diverse legal issues involving IT/IS digital contracts across blockchain platforms, and so on. The present editorial will prove useful not only to those researchers who have earlier made attempts to publish IS research on the blockchain and cryptocurrency usage technology but also to those who intend to explore the new field and look forward to publishing their work for the first time in the near future.

I hope you will enjoy reading. Ultimately, this magazine carries a share in igniting even a small spark in young minds which lead them to brightest sunshine of tomorrow. I am very thankful to Honourable 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, all distinguished section editors 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.

 **Mr. Saumya Agrawal**

Editor, Technical

Third Year

Computer Science & Engineering



INDEX

Sr.No.	TITLE	Author
1	CABLES - CONDUCTIVITY	DIVYA GULHANE
2	SMART IRRIGATION SYSTEM	CHAITANYA KHOLAPE
3	ASIMO ROBOT	ASMITA UNHALE
4	THE TRADE OF BS4-BS6	SHREYASH POLE
5	THE ULTIMATE SMART BOARD: PCB	SAKSHI AREWAR
6	HACKING	GITESH DESHMUKH
7	WHEN SIGNAL MATTERS	PRAJAKTA HADOLE
8	MEMS TECHNOLOGY	DEVASHRI GOTE
9	AQUA COMMUNICATION USING MODEM	ANJUSHRI BHAMKAR
10	MOVIE REVIEW SYSTEM USING SENTIMENTAL ANALYSIS	PRANAV CHAUDHARI
11	UV-C STERILIZATION BOX	ASHUTOSH BELONDE
12	FACE DETECTION FROM AN IMAGE USING OPENCV & PYTHON	AKSHAY BHOPE
13	ENITMENT ANALYSIS OF COVID-19 TWEETS– VISUALIZATION DASHBOARD	PRITESH DAMMANI, AMEY BAND
14	ALEXA USING RASPBERRY PI	AJAY THAKUR
15	DATA SCIENCE MODEL BUILDING LIFE CYCLE	AMEY BAND
16	FULL STACK VS. MEAN STACK	ANAND KHARAT
17	PATIENTS MONITORING AND ANALYSIS USING SESONSORS	ROHIT GAWLIATM
18	GLOBAL HYPERSONIC MISSILES	ATMANAND GORE



CABLES - CONDUCTIVITY

A key component of any electronic or electrical system is the cable assembly/cable harness - but yet it typically is one of the last components to be addressed. When designing a system the cable assembly should be addressed as early in the design stage as possible to allow for the best design to be specified for the application at hand. Many components will be involved in the assembly design and each component will have an impact on the performance of the finished cable assembly or wire harness. If an assembly that is either over-designed or under-designed is used, there will be negative consequences of the performance of the finished system. Some of the up-front questions that need to be answered are those that are associated with the environment the assembly will be used in. For instance if the cable assembly is to be used in a dynamic installation, meaning it will be exposed to some degree of flexing, components of the assembly will need to be able to withstand the flex expected. The same choices would need to be considered if the assembly is to be used in a harsh environment, if the assembly is to be used in a clean room environment, or if the assembly is to be used where it would be exposed to sunlight or moisture.

Insulators are available in either Thermoset or Thermoplastic compositions, and as is true with the conductor construction, the material, thickness, and type used for the insulator of the primary conductors will be determined by the application that the cable assembly is to be used in. Materials are available to meet a broad range of applications and environments. Some of the critical areas to address are is the operating temperature that the assembly will be exposed to, the type and level of voltage that the assembly will be expected to carry, how harsh of an environment will the assembly be installed in, and what types of chemicals/fluids will the assembly be subjected to, are all considerations that need to be addressed.

Materials are available that allow the operation of an assembly in temperature extremes of -65°C to +200°C or higher. A factor that needs to be addressed when thinking about temperatures is whether the assembly will be in a dynamic or a static state, meaning will the assembly be subject to movement and if so at what temperature. An assembly that will be in a dynamic state at extreme temperatures will need more rugged compounds to enable it to function properly.

Divya Gulhane

Third Year

Electronics and telecommunication Engineering



SMART IRRIGATION SYSTEM

As there is high rate of increase in human population it is necessary that we should utilize the natural resources properly. Adopting an optimized irrigation system has become a necessity due to the lack of the world water resource. One way of achieving this is providing the plants with the optimum amount of water at the right time in agricultural applications. Also it has been seen that right amount of water helps the farmer to have a good yield and the quality is also better. Water management and irrigation scheduling have become the main subjects of different studies in the last decades. The Agricultural industry is also demanding technological solutions to lower the irrigation cost along with increasing the yield. A repelling and a monitoring system are provided to prevent potential damages in Agriculture, both from extreme weather conditions and over irrigation. This project focuses on a smart irrigation system which is cost effective. Automation allows us to control various appliances automatically. The objective of this project is to control the water supply to plant automatically depending on values of soil moisture sensors. Mechanism is done such that soil moisture sensor electrodes are inserted in soil. Automatic irrigation scheduling consistently has shown to be valuable in water use efficiency with respect to manual irrigation based on direct soil water measurements. The aim of the implementation is to demonstrate that the automatic irrigation can be used to reduce water use. The implementation is an automated irrigation system that consists of a soil moisture sensor which senses the soil humidity and automatically waters the field.

Chaintanya Kholapure

Final Year

Electronics & Telecommunication Engineering

ASIMO ROBOT

A robot, suppositious concept that has been demonstrated a million times in movies, comes to life with the brilliant exertion of Honda. ASIMO or Advanced Step in Innovative Mobility is a state-of-the-art humanoid robot created by Honda in the year 2000. Aimed to be a multi-functional portable assistant, ASIMO is intended to function in real-world environments. The creation of ASIMO was envisioned to help people who are bed ridden or disabled. ASIMO beats humans in tasks which can be devastatingly dangerous for them for instance, going in hazardous areas, scrapping fires or defusing a bomb. The composition of ASIMO has been kept purely welcoming and friendly. The era of robots existence has been a topic of continuous debates and has invited numerous advantages and disadvantages of the actuality of robots but, Honda with its very first creation has proved that robots can operate efficiently. Honda, with the joint efforts of its eccentric robotic research and development team, successfully launched ASIMO after 20 years of consecutive hard work. Following this ASIMO team continues to excel and refine their wonderful creation. Below are ASIMO's configurations: Height: The brainy master piece stands tall with the height of 4 ft. 3 in. and weighs around 48 kg further making it a welcoming robot. The average height of ASIMO brands it a participant of comfortable conversations with the elderly and people with less mobility. Its companionable height makes it a perfect size for assisting household tasks and people confined to bed or wheel chairs.



- **Skills:** ASIMO was tossed with a purpose of aiding the needs of the elderly and disabled as well as manage household errands. ASIMO has human like features as it can make gestures, speak and interact like humans which makes it a friendlier robot. ASIMO holds the capability to sense the movements of numerous objects while capturing visual information by its camera eyes. Determination of direction and distance is also done by the two camera eyes of ASIMO. The former features of ASIMO enables human like features Movement: ASIMO is accomplished in average walking with a speed of 2.7 kilometers per hour. Talking about running speed, ASIMO can run with an average speed of around 9 kilometers per hour. The movements of ASIMO are managed by aimed Zero Moment Point control as well as floor reaction control that allows ASIMO to stay firm at a particular position and maintain it healthily. The body position, length of steps and speed are adjustable by ASIMO. ASIMO's hands, legs, waist and neck have variable degrees of movement. The degree of freedom is defined specifically of each robot and to frame further, ASIMO has 57 degree of freedom. The fundamental body parts of ASIMO like wrist, shoulder, hip joints and neck individually has around three degrees of freedom whereas, hands with one thumb and four fingers have two degrees of freedom.

For determination of obstacles, ASIMO has visual sensors. In totality, ASIMO has a sensor which helps it in autonomous navigation. The lower portion of ASIMO has one infrared sensor and one laser sensor. The infrared sensors help ASIMO determine the floor patterns to confirm the navigational path of strategic map while the laser sensor aids ASIMO to sense ground surface.

Asmita Unhale

Third Year

Electronics & Telecommunication Engineering

THE TRADE OF BS4-BS6

Indian automobile industry has adopted BS 6 emission standards from today, as per the directives issued by the Supreme Court of India last year. These emission norms are aimed at reducing the pollution in the country by cutting down the tail pipe emissions of all the new vehicles sold in the country. The new standard also puts an end to the sales and registration of BS 4 vehicles in India, but there is a small exception to this. As noted by the apex court last month, auto dealerships can sell ten per cent unsold BS 4 inventory for ten days after the Corona-virus lockdown is lifted. This relaxation was offered keeping in mind the lockdown, because of which dealerships will not be able to sell vehicles. The transition to BS 6 norms from BS 4 standards has been nothing short of an uphill climb for automakers given that BS 4 was implemented in 2017 only. So, in three years, India has moved to BS 6 while skipping BS 5 norms entirely. This has been done because of environment concerns a BS 6 norms put a much tighter restriction on vehicle emissions as compared to BS 4 standards. Here's a lowdown on how cleaner the BS 6 emission standards are as compared to BS 4 norms. In case you didn't know, particulate matter (PM) is a complex mixture of extremely small particles and droplets. The PM is infamous for causing severe lung ailments and has also been found to be carcinogenic in nature (cancer causing).



Another main culprit in increasing environmental pollution are the oxides of nitrogen. NOx gases in vehicles' exhaust can cause health problems like lung infection and chronic respiratory problems. This is why, BS 6 emission standards want to reduce NOx in tailpipe emission by at least 25 per cent in case of petrol vehicles and 70 per cent in case of diesel vehicles as compared to their BS 4 counterparts. Now, you must be wondering why stricter limit in case of diesels. Well, that is because diesel vehicles emit much higher amount of NOx as compared to petrol engines. The main reason for this pertains to the chemical composition of diesel and that it is a less refined fuel as compared to petrol.

BS 6-compliant vehicles cannot meet BS 6 emission standards unless they are run on BS 6 fuel. This is because BS 6 petrol and diesel are much cleaner and refined than BS 4 fuel. The biggest difference is that BS 6 fuel contains five times less sulphur -- 50 ppm -- as compared to 10 ppm in BS 4 fuel. And just to jog your memory, sulphur is again very harmful and can cause respiratory issues, cardiovascular problems, and even acid rain. This is why from today onward, all the oil manufacturing companies will start dispensing BS 6 grade petrol and diesel at their fuel stations.

This has been to ensure that diesel vehicles are as clean as petrol counterparts. This also puts an end to theory that categorized diesel vehicles as more polluting as compared to petrol vehicles. But making engines BS 6 compliant is a costly affair as it involves extra hardware of clean the exhaust of the harmful particles and gases. This is why BS 6 vehicles are expensive than their BS 4 models. However, it is a necessary cost considering the environmental benefits the stricter norms will have; as per studies, BS 6 petrol vehicles are 25 per cent cleaner and BS 6 diesel vehicles are almost 75 per cent cleaner than their BS 4 counterparts. the evaporation rate goes on increasing and hence we have to provide water for more time in order to maintain the proper moisture level of the soil. Therefore, for different temperature range and moisture content level in the soil, the land will be irrigated for different time durations.

In the system, LCD display is used to display various measured parameter of the soil for time to time information and also for required suggestions to follow these systematic mechanisms. Solenoid valves are used in the system which are controlled through the relay module. The data is transmitted by following wireless protocol or communication by using Si4432 ISM transceiver and the data is fetched by using controller and which will be used for analysing purpose.

In this way the system will help to monitor, control and communicate in advanced farming technique. The conclusion is that advanced farming can be effective for solving both economic and environmental issues that results in production in the field of agriculture today.

Shreyash Pole

Third Year

Electronics & Telecommunication Engineering



THE ULTIMATE SMART BOARD: PCB

Printed circuit board assembly has certainly evolved quite a bit during the last few decades. To fully understand just how far we've come, it's important to look back. In today's post, we'll discuss the evolution of PCB assembly from its humble beginnings to where we're headed today.

The first known PCBs were derived from printed wire technology developed in the 1900s. However, it wasn't until after World War II that the printed circuit board as we know it was really created. Thanks to a patent for printed wiring submitted in 1925, we knew the technology involving an insulated surface and an electrical path held promise, particularly for tube radios and gramophones. In 1943, Dr. Paul Eisler created the first printed wiring board that actually worked, paving the way for future iterations of printed circuit board assembly.

In the 1950s, PCBs were single-sided. These boards held the circuitry on one side and the components on the other. Different kinds of resins were used to make these boards more efficient, making them a viable option for communication equipment, weapons, and other industrial developments. During the 1960s, advancements in the plating process allowed for the creation of double-sided circuit boards. These boards allowed for the connection of circuits on each side using one of two different methods: surface-mount technology or through-hole technology. Double-sided circuit board assembly provided greater circuit density. In addition, the advancements in solder mask during this decade allowed PCB assembly services to manufacture these boards more quickly and easily.

By the 1970s, PCB circuitry and spacing had shrunk. This allowed developers to fit more into a small space, which made PCBs an even more in-demand component for a variety of applications. Assembly methods became more efficient, too. And over the next two decades or so, multi-layer printed circuit boards came on the scene. This development was substantial for sectors like electronics, defense, and communications.

Circa now, printed circuit board assembly continues to grow in order to address growing demand. This technology is now used in the aerospace and healthcare fields, among many others. And because PCBs are becoming even smaller and more precise, the possibilities for technological applications are nearly endless. We now rely on PCBs for virtually everything we do on a daily basis, from answering texts and emails to maintaining our home automation system or playing music we love. PCB design and development shows no signs of slowing down and considering how reliant we are on technology, PCBs will continue to be in high demand for many years to come.

Sakshi Arewar

Third Year

Electronics and Telecommunication Engineering



HACKING

Computers have become mandatory to run a successful business. It is not enough to have isolated computers systems; they need to be networked to facilitate communication with external businesses. This exposes them to the outside world and hacking. Hacking refers to the computers to commit fraudulent acts such as fraud, privacy invasion, stealing corporate/personal data, etc. Cyber-crimes cost many organizations millions of dollars every year. Businesses need to protect themselves against such attacks. A Hacker is a person who finds and exploits the weakness in computer systems and/or networks to gain access. Hackers are usually skilled computer programmers with knowledge of computer security. Hackers are classified according to the intent of their actions. The following list classifies hackers according to their intent.

Ethical Hacker (White hat): A hacker who gains access to systems with a view to fix the identified weaknesses. They may also perform penetration Testing and vulnerability assessments.

Cracker (Black hat): A hacker who gains unauthorized access to computer systems for personal gain. The intent is usually to steal corporate data, violate privacy rights, transfer funds from bank accounts etc.

Grey hat: A hacker who is in between ethical and black hat hackers. He/she breaks into computer systems without authority with a view to identify weaknesses and reveal them to the system owner.

Script kiddies: A non-skilled person who gains access to computer systems using already made tools.

Hacktivist: A hacker who use hacking to send social, religious, and political, etc. messages. This is usually done by hijacking websites and leaving the message on the hijacked website.

Phreaker: A hacker who identifies and exploits weaknesses in telephones instead of computers.

Information is one of the most valuable assets of an organization. Keeping information secure can protect an organization's image and save an organization a lot of money. Hacking can lead to loss of business for organizations that deal in finance such as PayPal. Ethical hacking puts them a step ahead of the cyber criminals who would otherwise lead to loss of business. Ethical Hacking is legal if the hacker abides by the rules stipulated in the above section on the definition of ethical hacking. The International Council of E-Commerce Consultants (EC-Council) provides a certification program that tests individual's skills. Those who pass the examination are awarded with certificates. The certificates are supposed to be renewed after some time.

Gitesh Deshmukh

Third Year

Information Technology Engineering



WHEN SIGNAL MATTERS

Many electronic equipments these days are using opto-coupler in the circuit. An opto-coupler or optoisolator allows two circuits to exchange signals yet remain electrically isolated. The standard opto-coupler circuit configuration utilizes an LED and a photo-transistor; usually it is an NPN transistor. Opto-couplers are also fabricated in few modules like SCRs, photodiodes, TRIACs and other semiconductor switches as an incandescent lamp or other light source. This article briefs about an opto-coupler MOC3020.

Working principle of MOC3020:

The MOC3020 is designed for interfacing electronic controls and power TRIAC to control resistive and inductive loads for Vac operations. The principle used in opto-coupler is, MOC's are promptly available in integrated circuit form and don't require very complex circuitry to make them work.

Simply give a small pulse at the right time to the LED in the package. The light produced by the LED activates the light sensitive properties of the DIAC and the power is switched on. The isolation between the low power and high power circuits in these optically connected devices is typically few thousand volts.

The circuit is a typical circuit used for AC load control using microcontroller, external LED can be connected in series with MOC3020, to indicate a high level from micro controller to ensure that current flows in internal LED of the opto-coupler. The power lamp is activated by mains AC power supply and hence no external power supply is required. To switch the AC current to the lamp, we have to use an opto-coupled TRIAC, lamp and a DIAC. A TRIAC is an AC controlled switch. It has three terminals M1, M2 and gate. A TRIAC, lamp load and a supply voltage are connected in series. When power is on, at positive cycle the current flows through lamp, resistors, DIAC, and gate and reaches the supply and the lamp glows for that half cycle directly through the M2 and M1 terminal of the TRIAC. In negative half cycle the process repeats. Thus the lamp glows in both the cycles in a controlled manner depending upon the triggering pulses at the opto isolator. If this is applied to a motor instead of lamp, the power controls the speed of the motor.

Prajakta Hadole

Third Year

Mechanical Engineering



MEMS TECHNOLOGY

Micro-Electro-Mechanical Systems, or MEMS, is a technology that in its most general form can be defined as miniaturized mechanical and electro-mechanical elements that are made using the techniques of micro fabrication. The critical physical dimensions of MEMS devices can vary from well below one micron on the lower end of the dimensional spectrum, all the way to several millimeters.

The term used to define MEMS varies in different parts of the world. In the United States they are predominantly called MEMS, while in some other parts of the world they are called “Microsystems Technology” or “Micro Machined Devices”. While the functional elements of MEMS are miniaturized structures, sensors, actuators, and microelectronics, the most notable elements are the micro sensors and micro actuators. Micro sensors and micro actuators are appropriately categorized as “transducers”, which are defined as devices that convert energy from one form to another. In the case of micro sensors, the device typically converts a measured mechanical signal into an electrical signal.

The more complex levels of integration are the future trend of MEMS technology. The present state-of-the-art is more modest and usually involves a single discrete micro sensor, a single discrete micro actuator, a single micro sensor integrated with electronics, a multiplicity of essentially identical micro sensors integrated with electronics and a single micro actuator integrated with electronics.

MEMS technology is sometimes cited as separate and distinct technology. In reality the distinction is not so clear-cut. The well-known Scanning Tunneling-Tip Microscope (STM) which is used to detect individual atoms and molecules on the nanometer scale is a MEMS device. Similarly the Atomic Force Microscope (AFM) which is used to manipulate the placement and position of individual atoms and molecules on the surface of a substrate is a MEMS device as well. In fact, a variety of MEMS technologies is required in order to interface with the nano-scale domain.

Thus the MEMS is a technology of encompassing highly miniaturized things that cannot be seen with the human eye. The common benefits afforded by this technology, include: increased information capabilities, miniaturization of systems, new materials resulting from new science at miniature dimensional scales, and increased functionality and autonomy for systems.

Devashri Gote

Third Year

Electronics & Telecommunication Engineering

AQUA COMMUNICATION USING MODEM

While wireless communication technology today has become part of our daily life, the idea of wireless undersea communications may still seem far-fetched. However, research has been active for over a decade on designing the methods for wireless information transmission underwater. Significant progress has been made in terrestrial sensor networks to revolutionize sensing and data collection. To bring the concept of long-lived, dense sensor networks to the underwater environment, there is a compelling need to develop low-cost and low-power acoustic modems for short-range communications.



This post explains about Aqua communication using a modem and presents designing and developing such a model.

Sensor networks are beginning to revolutionize data collection in the physical world, relatively little work has been done to explore how sensor networks apply underwater. Wireless communication, dense deployments (each sensor may have eight or more neighbors), self-configuration and local processing, and maximizing the utility of any energy consumed. Our primary application is seismic monitoring, with alternative applications including assistance during underwater construction, pipeline and leak monitoring, biological data collection, or underwater robot communication. Sensor networks typically consist of many battery-powered nodes, densely deployed in an area for close observation and long-term monitoring. Securing underwater wireless communication mobile networks. The underwater acoustic channel presents strong challenges to the design of data communication networks. Besides severe multi-path reflections, there can be curved propagation paths due to uneven temperature distribution and various interferences, such as bubbles and noise from man-made objects. However, a potential penalty of this approach is that individual modems become quite expensive and power-hungry, making use of hundreds of modem-equipped sensors economically infeasible. We, therefore, explore a complementary path that emphasizes simple but numerous devices that benefit from dense sensing (e.g., eight or more neighbors per node, rather than one or two) and shorter-range communication. In addition to simpler node-to-node channels due to shorter range, higher-level approaches can compensate for channel problems through approaches such as routing, link-layer retransmission, and application-layer coding.

Finally, we provide both analog and digital signal output from the modem to allow high precision time synchronization. Finally, we, of course, match our design to the expected characteristics of the underwater acoustic channel. Since our modem is designed for short-range, dense sensor networks, it does not directly apply to applications that require long-range, reliable, point-to-point communications.

Anjushri Bhamkar

Third Year

Electronics & Telecommunication Engineering

MOVIE REVIEW SYSTEM USING SENTIMENTAL ANALYSIS

Sentiment analysis also terms as refers to the use of natural language processing, text analysis and computational linguistics to identify and extract subjective information in source materials. In recent years, Opinion mining is a hotspot in the field of natural language processing, and it is also a challenging problem Sentiment analysis is widely applied to reviews and social media for a variety of applications, ranging from marketing to customer service. Movie reviews are an important way to gauge the performance of a movie. The objective of this project is to extract features from the product reviews and classify reviews into positive, negative.



In this project, we aim to use Sentiment Analysis on a set of movie reviews which is given by reviewers and then try to understand what the overall reaction to the movie was according to them, i.e. if they liked the movie or they hated it. We aim to use the relationships of the words in the review to predict the overall polarity of the review.

Text data generated from the opinion or review or any comments are increasing rapidly. A large number of people are participating in social media to give their reviews or opinion about various topics. Text mining is a branch which deals with review to analyze sentiment. In this, reviews are classified for sentiment analysis. Feature selection technique is used for collecting or selecting the most important words from each category in text mining processes. It helps to select the most effective words from each category by applying some methods on selected words. After extracting the feature from movie reviews, apply some machine learning algorithm to find the sentiment or opinion related to the movie.

Also, the system is providing a fast searching feature. Our system is going to provide annotating search results. This will be achieved by Alignment algorithm. With the help of this, the user will be able to search his/her favorite's movie or his/her favorite's actor within no time.

Pranav Chaudhari

Final Year

Computer Science Engineering

UV-C STERILIZATION BOX

For sterilizing things like mobile phones, keys, face masks, Books, Newspaper, etc. Things which cannot be sterilized by liquids (chemicals) can be sanitize by using UV-C technology.

Sunlight contains three types of UV.

First there is UV-A, which makes up the vast majority of the ultraviolet radiation reaching the Earth's surface. It's capable of penetrating deep into the skin and is thought to be responsible for up to 80% of skin ageing, from wrinkles to age spots.

Next there's UV-B, which can damage the DNA in our skin, leading to sunburn and eventually skin cancer (recently scientists have discovered that UVA can also do this). Both are reasonably well known, and can be blocked out by most good sun creams.

There is also a third type: UVC. This relatively obscure part of the spectrum consists of a shorter, more energetic wavelength of light. It is particularly good at destroying genetic material – whether in humans or viral particles. Luckily, most of us are unlikely to have ever encountered any. That's because it's filtered out by ozone in the atmosphere long before it reaches our fragile skin.



Since the finding in 1878, artificially produced UVC has become a staple method of sterilization – one used in hospitals, airplanes, offices, and factories every day. Crucially, it's also fundamental to the process of sanitizing drinking water.

“UVC is really nasty stuff – you shouldn't be exposed to it,” says Arnold. “It can take hours to get sunburn from UVB, but with UVC it takes seconds. If your eyes are exposed... you know that gritty feeling you get if you look at the sun? It's like that times 10, just after a few seconds.” UVC light of wavelength 254 nm attacks on DNA of bacteria and viruses. It breaks the DNA of bacteria and viruses and stops them from multiplying. It will take 50 to 60 seconds to do that. Before covid-19 this light was used in water purification process. While using these light precautions should follow strictly as it is very harmful, it can cause skin cancer and can also damage the EYE retina when exposed directly.

Ashutosh Belonde

Second Year

Electronics & Telecommunication Engineering

FACE DETECTION FROM AN IMAGE USING OPENCV & PYTHON

OpenCV (Open Source Computer Vision Library) is an open-source computer vision and machine learning software library. This library mainly aims at real-time computer vision. In other words, we can say it is a library used for Image Processing. It is mainly used to do all the operations related to Images like to analyze the data from the Camera of an embedded system or your computer or anything that captures images (e.g. From a LIDAR). It is written in C++ and supported by various programming languages such as C++, Java, and Python. Some applications of OpenCV includes read and write Images, detection of faces and its features, text recognition in images, developing augmented reality apps.

Computers read the image in the form of a matrix range between 0 - 255. For colored image, there are 3 channels Red, Green, Blue and there is a matrix associated with each of the channel, each element of this matrix represents the intensity of brightness of that pixel. All the 3 channels will have their separate matrix which is stacked on each other to create 3-D metrics. For Gray/black image there is a 2-D matrix. Colored Image has 3 channels Gray/Black scale image has 1 channel. In the same way, the computer captures video. Video is multiple images/frames which are displayed very quickly. In this article, we will be using OpenCV along with HAAR Cascade Classifiers for reading and detecting images.



Haar Cascade Classifier is a machine learning algorithm that is used to identify objects in images or videos. For detection of the image, the computer extracts features of an image and use those features to classify the image. It is an algorithm that works by classification. The algorithm is fed a large number of images, positive (images with faces/objects we are interested in), and negative (images other than our target). Then the algorithm extracts features from each image and classifies them into two parts. So depending upon the features extracted by the algorithm we use it to detect the object. Using Haar Cascade Classifiers you can detect the face of a person, eyes, objects such as cars, etc.

Installing OpenCV

For getting started with face detection we first need to install OpenCV library, you can install it by using

pip install OpenCV-python

If you need only main modules

pip install OpenCV-contrib-python

If you need both main and contrib modules.

Haar Cascade Files

The Haar Cascade files come in the form of XML. To use them we need to download them. It can be downloaded from

<https://github.com/opencv/opencv/tree/master/data/haarcascades>

Akshay Bhople

Second Year

Computer Science Engineering

SENITMENT ANALYSIS OF COVID-19 TWEETS– VISUALIZATION DASHBOARD

The severe outbreak of COVID-19 has disturbed day to day activities of normal people. During such difficult time, understanding people's sentiment is an interesting task to accomplish. After the extension of lockdown announcements, the sentiment analysis of Indian tweets will be analyzed with the relevant #tags and build a predictive analysis model to understand people's behavior if the lockdown is further extended. To build a predictive analytics model to understand the people's sentiment, we are extracting tweets consisting of relevant #hashtags (#IndiaFightsCorona & #IndiaLockdown) from twitter, which significantly describe the people's opinion.



Nearly 80% of the world's digital data is unstructured, and data obtained from social media sources is no exception. Since the information is not organized in any predefined way, it isn't easy to sort and analyze. Twitter sentiment analysis on the topic lockdown and corona in India allows you to sort large sets of tweets and detect the polarity of each statement automatically. The best part about it is that it's fast and straightforward, saving team's valuable hours and allowing them to focus on tasks where they can play a massive role in making decisions by the state government and central government for India. The advantages of sentiment analysis are Scalability, Real-time analysis, and Consistent criteria. After the extension of lockdown announcements, the sentimental analysis of Indian tweets will be analyzed with the relevant #tags and build a predictive analysis model to understand people's behavior if the lockdown is further extended.

Nothing beats data-based strategy. Sentiment analysis is one of the metrics that will advance your decision making strategy as it has impact on many different aspects of lockdown and corona epidemic. Analyzing the sentiment around your topic helps you understand problems of your people and the intent behind their tweets. . As the world is fighting with COVID19 since last two month and majority of the people are under lockdown, the importance of Twitter has increased more than ever. Even in the past, people have been using twitter to communicate, express and disseminate information related to the crisis, be it cyclones, Ebola, floods or Zika. Twitter has been one of the platforms for millions to express their emotions regarding different issues.

Pritesh Dammani, Amey Band

Final Year

Computer Science Engineering

ALEXA USING RASPBERRY PI

Many virtual assistants are being used in industrial and home automation. Amazon Alexa is one of the best virtual assistant currently available in market. Mostly it comes integrated into Amazon echo which is a smart speaker by Amazon.com, Inc. The Amazon Echo dot can play music, take notes, tell the news, and even control other appliances in the house. We can simply have a smart assistant like Alexa without buying Amazon Echo. This article gives a short idea to build a smart speaker using Raspberry Pi with Alexa integration.

Alexa is virtual assistant which is implemented in commercial product like Amazon Echo dot. This Amazon echo dot is a multi-purpose speaker which can be used for accessing Alexa skills. It cannot be directly used to control functions like opening Bonnet of Car, Controlling temperature inside car over voice command. For this, we need Raspberry Pi as an intermediate product.



To make this simple, Raspberry Pi can itself work as Alexa and control functions over voice command. So we don't need a separate device like Amazon Echo dot. The Alexa Voice Services (AVS) are used and incorporated with Raspberry Pi 3. User doesn't need to buy an expensive new device for home to enjoy the benefits of a smart speaker. A spare Raspberry Pi makes for a perfect DIY home assistant, whether you're building a DIY Alexa. If a smart speaker for your home doesn't take your fancy, maybe head outdoors and build some rugged Raspberry Pi projects like Voice controlled services inside a Car. Once all the steps are complete, we will have a fully functioning Amazon Echo that responds to your voice commands. We will be able to use the Alexa Companion App to alter Alexa's settings, and we will be able to install the same skills that we can on a real echo.

Voice Recognition: A Voice Command System essentially means a system that processes voice as an input, decodes or understands the meaning of that input processes it and generates an appropriate voice output. Any voice command system needs three basic components which are speech to text converter, query processor and a text to speech converter. Voice has been a very integral part of communication now days. Since, it is faster to process sound and voices than to process written text, hence voice command systems are omnipresent in computer devices. These innovations have attributed to the technology industry using deep learning methods in making and using some of the speech recognition systems.

Text to speech conversion is the process of converting a machine recognized text into any language which could be identified by a speaker when the text is read out loud. It is two step processes which is divided into front end and back end. First part is responsible for converting numbers and abbreviations to a written word format. This is also referred to as normalization of text. Second part involves the signal to be processed into an understandable one. Speech Recognition is the ability of machine for instance a computer to understand words and sentences spoken in any language. These words or sentences are then converted to a format that could be understood by the machine. Speech recognition is basically implemented using vocabulary systems.

Ajay Thakur

Final Year

Electronics & Telecommunication Engineering



DATA SCIENCE MODEL BUILDING LIFE CYCLE

When we come across a business analytical problem, without acknowledging the stumbling blocks, we proceed towards the execution. Before realizing the misfortunes, we try to implement and predict the outcomes. But do those outcomes reveal the strategies to decode the problems? The answer is NO. We can't come up with a solution having zero significance in business understanding. To improve the quality of the product, create market strategies, establish brand perceptions, and upgrade customer satisfaction, we have to demolish the complications.

Data Science is the process of extracting meaningful insights from the enormous amount of data. Data-driven science comprises of statistics, pre-defined scientific functions, analytical methodologies, and visualization techniques to deliver a message. The first step in constructing a model is to understand the industrial problem in a more comprehensive way. In business, an issue doesn't occur until a customer encounters any difficulty while utilizing the services. To identify the purpose of the problem and the prediction target, we must define the project objectives appropriately. Therefore, to proceed with an analytical approach, we have to recognize the obstacles first. Remember, excellent results always depend on a better understanding of the problem.

Hypothesis generation is the guessing approach through which we derive some essential data parameters that have a significant correlation with the prediction target. Before data collection, we figure out the vital features that impact on the target variable. If you have generated a hypothesis well, then you know the data you want to collect from respective sources. Data collection is gathering data from relevant sources regarding the analytical problem, and then we extract meaningful insights from the data for prediction. The data you collected may be in unfamiliar shapes and sizes. It may contain unnecessary features, null values, unanticipated small values, or immense values. So, before applying any algorithmic model to data, we have to explore it first.

Predictive modeling is a mathematical approach to create a statistical model to forecast future behavior based on input test data. There is nothing better than deploying the model in a real-time environment. It helps us to gain analytical insights into the decision-making procedure. You constantly need to update the model with additional features for customer satisfaction.

We summarize and understand the purpose of the business analytical problem. Generate hypotheses before looking at data. Collect reliable data from well-known resources. Invest most of the time in data exploration to extract meaningful insights from the data. Choose the signature algorithm to train the model and use test data to evaluate. Deploy the model into the production environment so it will be available to users and strategize to make business decisions effectively.

Amey Band

Final Year

Computer Science Engineering



FULL STACK vs. MEAN STACK

Nowadays the web and mobile app development services have stepped on to next level than last 2–3 years. Web and mobile apps are all built utilizing a 'stack' of various technologies nowadays. Wondering how? Let's dig in!

What is a stack?

A “stack” refers to any combination of programming languages and technologies or a combination of software products.

Technically there are two types of development stacks: Firstly, a technology stack & Secondary, an application stack. In simple terms, the technology stack is a more cross-disciplinary term in any software development process. This article is all about the 3 top trending technology stacks to choose from; for your startup or ongoing business or career. But before starting with the technology stack, you need to understand the feasibility and attribute of the stack which is pretty essential in development as well as software product solutions.

What is Full stack and why to choose?

Full stack: Skilled developers come from various streams; to be specific, there is Frontend, Backend, Database, Mobile App and Testing. Earlier the developers have gained particular expertise in any of the above fields and carry forward their career in that domain. However, the trends are changed now. The demand for technologies has mandated the developers to work on both Frontend as well as on Backend and much more. Full Stack Developers are at the limelight because of the numerous benefits they deliver, most likely unique code for multiple technologies & multi-technology project to create a great UX/UI.

Developers these days comprehend and can solve glitches across several streams of software development. Companies are now rigorously trying to hire full stack developers, who can build the complete web or app from scratch, without any discontinuation in the process.

Benefits Of Full Stack: Easy Switching between the front end and back end development based on the requirement of the project. Look after the entire design structure and work on any level as required during development. Cost Saving by hiring a specialized full stack developer rather than hiring front end and back end specifically. It is easy to take ownership of design & implementation on a site, easy to upgrade with new technology and tools faster than someone specializing only in the front end or back end technology. Comprehensive work for individual Full Stack developer gives the flexibility to move from task to task according to the need of the project. A complete solution to problems, go to the root of a problem without just focusing on solutions. An ideal option for small & medium enterprises as the complex website requirement can be broken into segments to save time.

Anand Kharat

Final Year

Electronics and Telecommunication Engineering



PATIENTS MONITORING AND ANALYSIS USING SESONSORS

Consistent vital sign monitoring is critically important for early detection of clinical deterioration of patients in hospital settings. Mostly, nurses routinely measure and document the primary vital signs of all patients' 2-3 times daily to assess their condition. To reduce nurse workload and thereby improve quality of patient care, a smart vital sign monitor named "Vital-SCOPE" for simultaneous measurement of vital signs was developed. Vital-SCOPE consists of multiple sensors, including a reflective photo sensor, thermopile, and medical radar, to be used in simultaneous pulse rate, respiratory rate, and body temperature monitoring within 10 s. We will design and developed a real-time patient monitoring system that integrates vital signs sensors, location sensors, wireless networking, electronic patient records, and web portal technology to allow remote monitoring of patient status it was tested in laboratory and hospital settings.

The main purpose of this system is to provide physicians with real-time visualization of the patients' vital parameters.

Rohit Gawli

Final Year

Electronics and Telecommunication Engineering

GLOBAL HYPERSONIC MISSILES

Precisely, hypersonic glide vehicles and hypersonic cruise missiles are the new class of hazard able to perforate most missile defenses. And to further strengthen the timelines for an acknowledgement by a nation under attack. Such missiles are being developed by the United States, Russia and China.

Missiles are self-propelled precision-guided munition techniques and a crucial part of a country's peace roster. They represent four system parts, _

1) Targeting or missile guidance device, 2) Flight system, 3) Engine, and 4) Explosive.

Missiles square estimate categorized as subsonic, supersonic, and hypersonic systems reckoning on the speed at that they travel. Subsonic systems travel at a speed of 0.8 and are known for dodging obstacles and being fuel economically.

They even have an elevated payload-carrying capacity. The technology for the event of subsonic missiles is kind of matured, and countries have capitalized the building of such strategies.

The major driving aspects of Global Hypersonic Missiles Market are as follows:

Impacting the growth of the aerospace and defence industry,

The Global Hypersonic Missiles Market is segmented on the lines of its product. Based on product type segmentation it covers hypersonic ballistic missiles and hypersonic cruise missiles. Global Hypersonic Missiles Market on geographic segmentation covers various regions such as North America, Europe, Asia Pacific, Latin America, Middle East and Africa. Each geographic market is further segmented to provide market remuneration for preferred countries such as the U.S., Canada, U.K. Germany, China, Japan, India, Brazil, and GCC countries.

**This report provides:**

- 1) A synopsis of the global market for Global Hypersonic Missiles Market and related technologies.
- 2) Estimations of global market trends, with data from 2015, estimates for 2016 and 2017, and predictions of compound annual growth rates (CAGRs) through 2024.
- 3) Identifications of new market opportunities and targeted promotional plans for Global Hypersonic Missiles Market.
- 4) Discussion of research and development, and the demand for new products and new petitions.
- 5) Meticulous company profiles of major players in the industry.

Report Scope:

The extent of the report entails a detailed study of Global Hypersonic Missiles Market with the justifications given for variations in the growth of the industry in certain provinces.

The report covers a detailed competitive outlook comprising the market share and company profiles of the key participants operating in the global market. Key players profiled in the report include Boeing, Lockheed Martin, NPO Mashinostroyeniya and Raytheon. Company profile includes assigning such as company summary, financial summary, business strategy and planning, SWOT analysis and current developments.

The Top Companies Report is aspired to provide our buyers with a snapshot of the industry's most influential players.

The Global Hypersonic Missiles Market has been segmented as below:

By Product Type:

Hypersonic ballistic missiles, Hypersonic cruise missiles

By Regional Analysis:

North America, Europe, Asia-Pacific, Rest of the World

Reasons to Erect this Report:

- 1) Obtain the most up-to-date information available on all Global Hypersonic Missiles Market.
- 2) Identify growth segments and opportunities in the industry.
- 3) Facilitate decision making on the basis of strong historic and forecast of Global Hypersonic Missiles Market.
- 4) Assess your competitor's refining portfolio and its advancement.

Atmanand Gore

Final Year

Electronics and Telecommunication Engineering



Sketching & Drawing Section

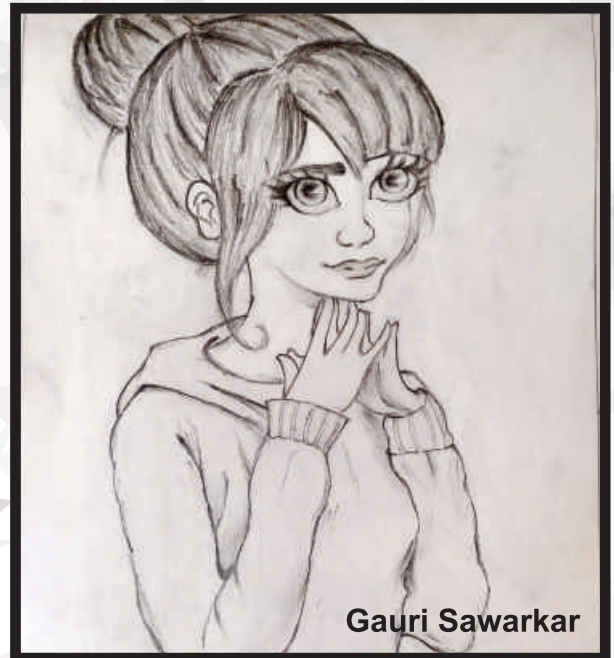




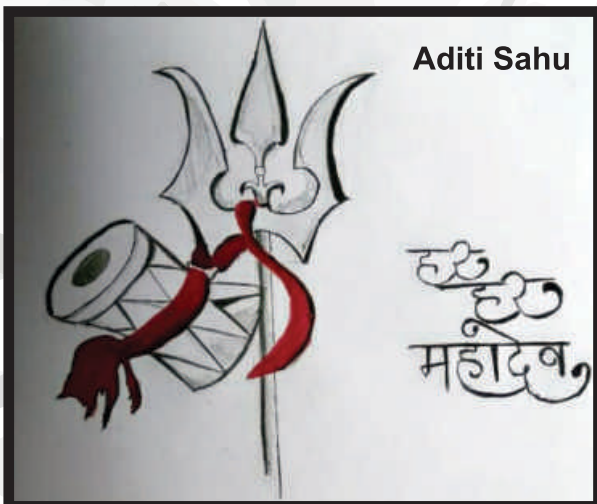
Dyaneshwari Khade



Dishu nagpal



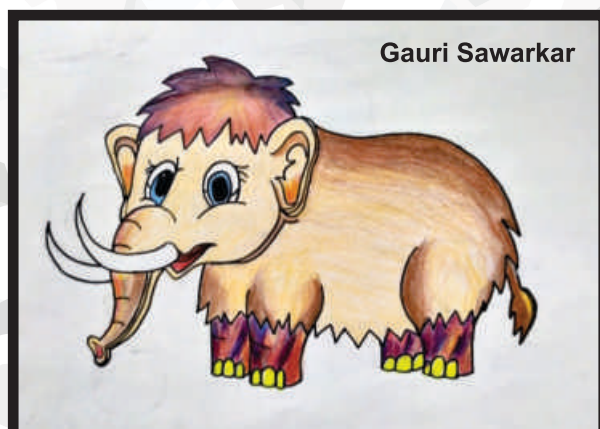
Gauri Sawarkar



Aditi Sahu



Dishu nagpal





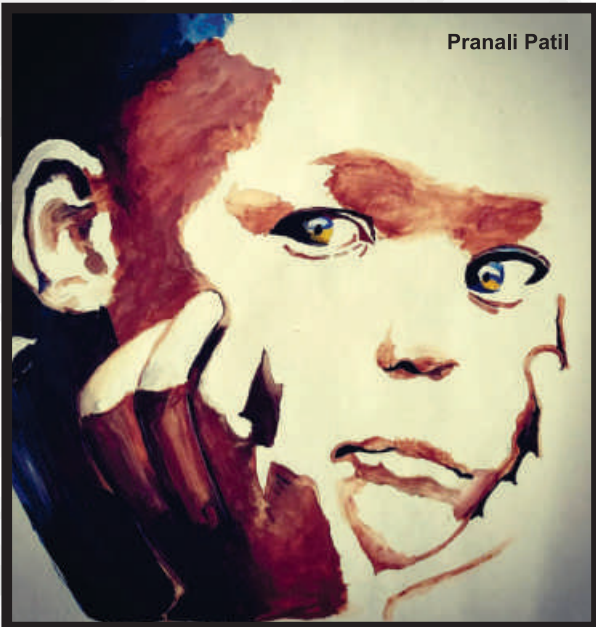
Neha Maundekar



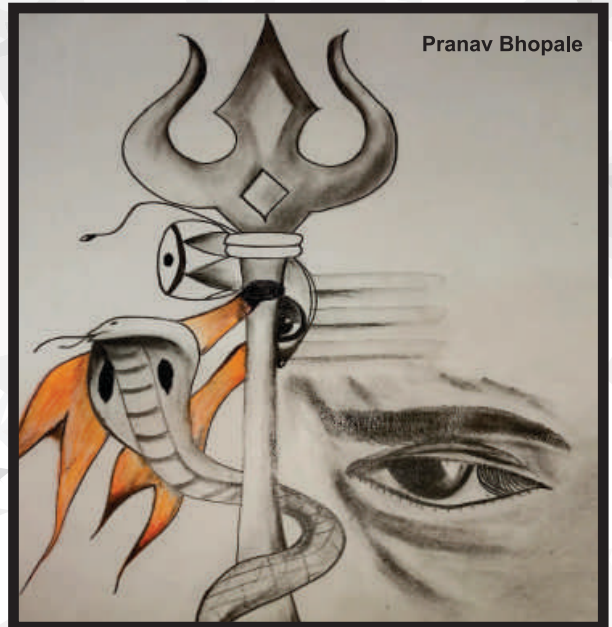
Prajakta Gaoture



Pranali Patil



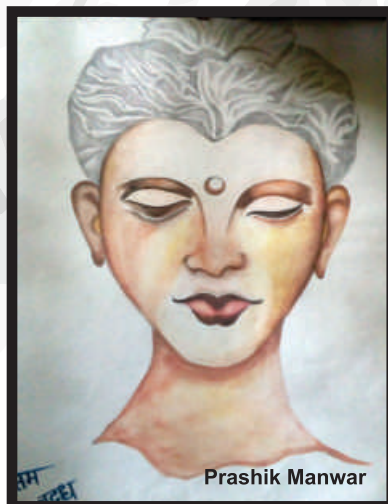
Pranali Patil



Pranav Bhopale



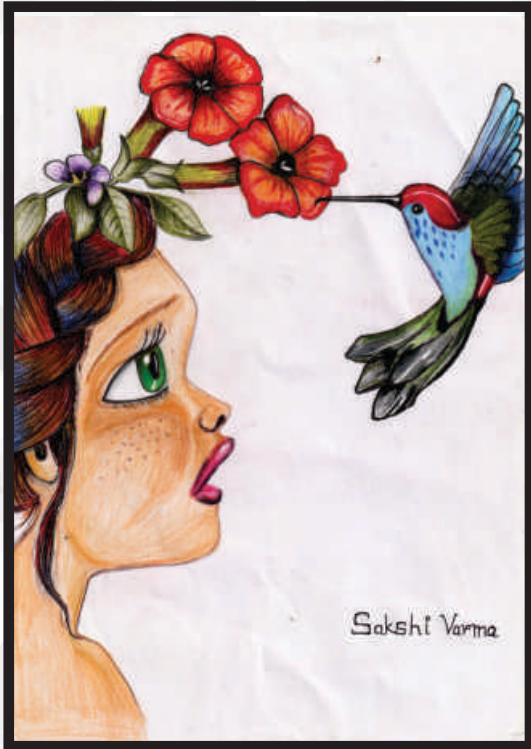
Radha Kabra

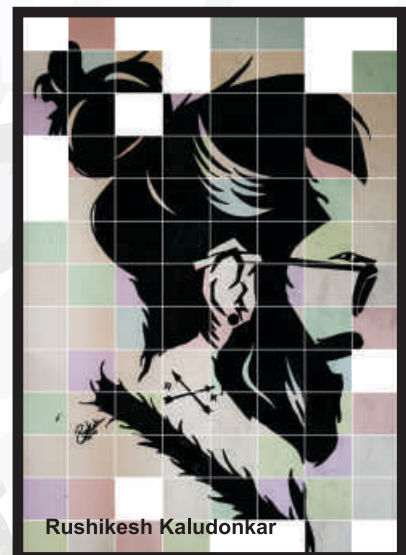
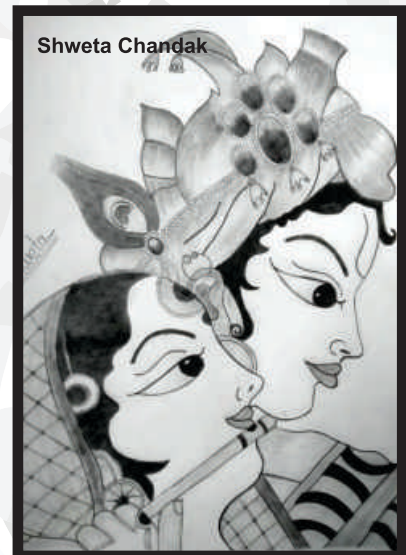
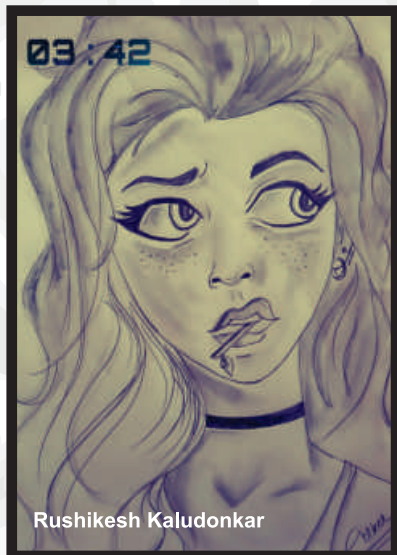


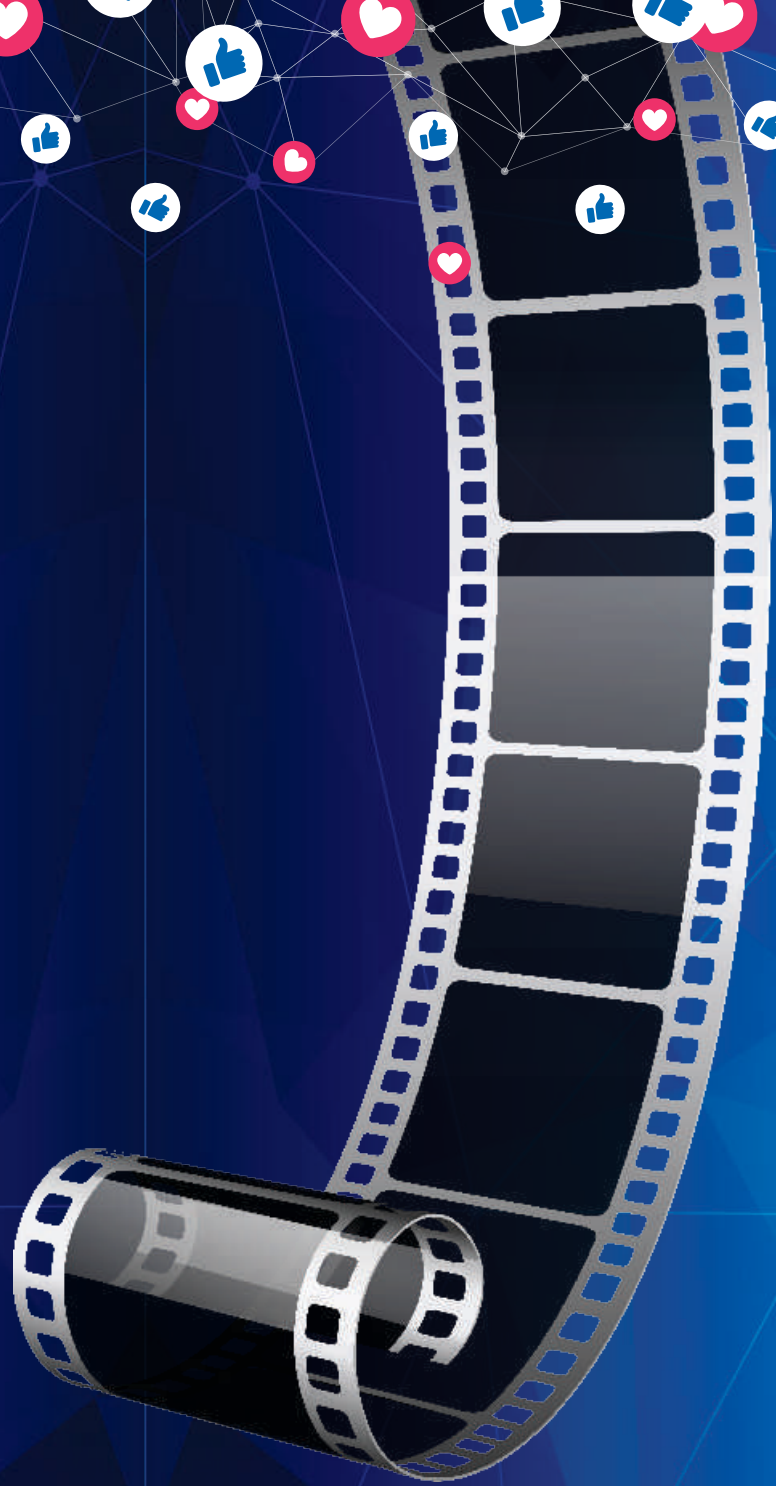
Prashik Manwar



Rushikesh Karudonkar







PHOTOGRAPHY SECTION



- Karan Mali



- Siddhesh Kachkure



- Rushikesh Patil



- Devashish Umale



- Devdatta
Nimbalkar



- Devdatta
Nimbalkar



- Anurag Deshmukh



- Devdatta Nimbalkar



- Siddhesh Kachkure



- Siddhesh Kachkure



- Vedant Warfade



- Pratik Jadhav



- Rohit Gawande



- Tushar Nagre



- Pratik Jadhav



- Pratik Jadhav

Reports 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 institutes 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. SSGMCE

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 & 2019. 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 1763 students are on a roll for the session 2019-2020 with 764 girl's students. All the students & their legal guardian are insured under Accidentant 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 offers a state of art facilities for UG & PG in Electrical Engineering. Department's UG program got Accreditation for three years from NBA, New Delhi. Department has fifteen well qualified, highly experienced and devoted faculty members and fourteen supporting staff. To impart the practical skill to students department has well equipped eleven laboratories, Project lab and Solar Research Centre. Electrical Engg Department signed the MOU with SCR Elektroniks Mumbai regarding the sharing of expertise, facilities for student projects and providing an Internship & Placement for students.

Prof. S. S. Jadhao successfully completed his PhD in Electrical Engineering from Sant Gadge Baba Amravati University Amravati in December 2019. Mr. Shrikant Rokade from final Year BE Electrical received a Gold Medal for his Academic Performance in SGB Amravati University Summer Examination – 2019. Six students from final Year BE Electrical secure a place in 2019 University merit list. Three students from final Year BE Electrical secured Valid Score in GATE 2020. Mr. Rohan Dange got placed in BYJU's Learning Apps Bangalore with a package of Rupees Ten Lacks. Other Twenty students from final Year BE Electrical got placed in various reputed industries. Sixty seven students from third & final Year were undergone Internship/ Industrial Training Program in this session. This Internship program helps them to improve their practical skill and employability. Dr. D P Kothari Emeritus Professor delivered an expert lectures on Renewable Energy and Power System Operation for second & Third Year BE Electrical Engineering students.

For Alumni Meet held on 11th January 2020, more than hundred Alumni were reported and they interacted with our students and guided them regarding their Career Opportunities. Twenty plus Industrial delegates from renowned industries guide our students on How to Improve your Employability?, What skills are required to get a job in various industrial sectors and How to Become a Successful Entrepreneur, during Industry- Institute Meet-2020 held on 8 & 9 February 2020. Solar Research Centre of Electrical Engineering Department organized Two week Training Program on “Solar Power Plant & Business Development” for International Participant from Rawanda. Faculty members of department published nine papers in various reputed International Journals and Conferences. They also participated in various AICTE/ISTE approved FDPs, STTPs and Workshops to upgrade their domain knowledge and skills.

EESA organized two Days workshop on ROBOTICS for first & Second year BE student and two days workshop on “Computer Repairing & Maintenance”. In COVID 19 Pandemic situation Departmental Student Chapter organized Series of Online Quiz based on Fundamental knowledge of Electrical Engineering for all students. Also they organized expert lectures from eminent personalities on Emerging topics in Electrical Engineering. Under CDES, it organized three days free training programme for ITI students on “Fundamentals of Electrical Machines”.



Dr. S. R. Paraskar

Head, Electrical Engineering



Department of Computer Science & Engineering

- The result of U.G. & P.G. in Computer Science and Engineering department was great. Mr. Rahul Bhutada has flashed his name in university merit list.
- In academic year 2019-2020, 55 students from final year are placed in different multinational companies and remaining are still in process.
- Recently NBA committee has visited the department and we received the NBA Accreditation for 3 years.
- As a remote centre, department had conducted 4 workshops on "Python", "Linux", "R Programming" & "C and C++", Language for Teachers and Research scholars, under Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT), MHRD, Govt.
- In academic year 2019-2020 department has started CSI (Computer Society of India) Students Chapter. For the inaugural ceremony we were having Dr. Suresh A. Shah, Director CSI, Mumbai & Chief technology officer, Mahindra Finance & Dr. Rajiv Desai, CSI Treasurer & IT Manager, MS Pollution Control Board as our chief guest.
- CEOs And HRs of different companies has visited the department during "IIM 2020", they brief us on how to strengthen Industry - Institute relationship.
- With respect to instructions of MHRD, department has conducted the Internal Hackathon on 10 February 2020, from the 7 teams promoted from Internal Hackathon. Four teams has been shortlisted for final round of Smart India Hackathon (SIH) 2020
- This year 28 students and 9 faculties has successfully completed various courses under NPTEL Local Chapter as well as Prof. K.P. Sabale has also received appreciation for being active SPOC.
- Our final year students has got 1st first prize in "Amravati Start-up Business Plan Competition Government of Maharashtra" and received prize money of Rs 50000/-.
- Students won the first prize in "Code Ninja Hunt" competition conducted by Nitor Infotech Pvt. Ltd.
- 62 Students from department has successfully completed internship in various companies and also received sponsorship for 5 projects.
- 4 Faculties from department has been registered for PhD.
- Prof. T. M. Untawale has received Gold Medal for her Mtech Degree.
- Dr. D.R. Dhotre has successfully conducted workshop on Machine Learning and IoT.
- With respect to industry requirements Dr. D. R. Dhotre and all the faculties from the department has guided the students time to time for their placements.



Dr. D. R. Dhotre

Head, Computer Science and Engineering



Department of Electronics & Telecommunication Engineering

The Department of Electronics and Telecommunication Engineering (EXTC) 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 UG programme of the department is accredited by NBA fifth time.

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 Telecommunication Engineering.

Achievements :

- Presently 08 faculty members are doing their Ph.D. work in Electronics & Telecommunication Engg. research lab. Approved by SGBAU.
- Miss. Shatakshi Deshmukh of second year represented SGBAU in national and international cultural events held at Gondwana University and Jivaji University, Gwalior and won the first prize.

Research papers published :

Faculty members of EXTC department published 06 Research papers in reputed International Journals and 04 papers in reputed International Conferences.

Students Internship :

- 22 students of Second and Third year attended one month Internship program on “Integrated Test Range (ITR)” at DRDO, Chandipur, Odisha during in 15th June to 15th July 2019. It was coordinated by Prof. Lopamuda Samal.

Workshop / STTPs/ Seminar / Conference/Industry Interaction organized :

- Two Summer Schools on “Smart Systems and Internet of Things” and “CMOS VLSI Circuit Design using Cadence”, were organized by Prof. S. P. Badar, Dr. K. B. Khanchandani and Prof. P. R. Wankhede and total 32 students participated in these schools.
- A guest lecture on “Autonomous Vehicles”, was delivered for Third year students by Mr. Sanjay Mishra, Vice President, Tech Mahindra, USA. It was coordinated by Prof. V. N. Bhonge and Dr. G. S. Gawande.
- A FDP on “Robotics and AI”, sponsored by E&ICT, IIITDM, Jabalpur was organized by Prof. P. R. Wankhede and Prof. V. K. Bhangdiya in the month of June. 24 faculty members participated in this program.
- A one day workshop on “Java Programming” was organized by Prof. V. S. Ingole on 07 Sept. 2019 in which 27 students participated.
- A two day workshop on “Research Methodology” was organized by Dr. G. S. Gawande and Prof. Ms. B. P. Harne on 02-03 Aug. 2019. 39 faculty members and research scholars participated in this workshop.
- A one day workshop on “Electronics Engineering Equipments & Their Applications”, was conducted for the students of 11th standard from Shri Gajanan Maharaj English School, Shegaon under Community Development and Extension Services Cell by Prof. V.N.Bhonge and Dr. D. P. Tulaskar on 3rd January 2020.
- A two day workshop on “Hands on Training on Robotic Process Automation” was organized on 24th and 25th Jan. 2020 by Dr. G. S. Gawande, Dr. K. B. Khanchandani, Dr. D. P. Tulaskar and Dr. P. R. Wankhede in collaboration Automation anywhere, Bangalore.



- A guest lecture on “Higher Education opportunities abroad”, by Gauri Alshi (Kale), CEO, Proficient Test Prep, Amravati was organized under Career guidance by Dr. G. S. Gawande and Prof. K. T. Kahar on 07 Feb. 2020 for hands
- 22 Industry Persons participated in Industry Institute Meet-20 held on 08-09 Feb. 2020 for the EXTC Department. EXTC Department has signed MOUs with five industries during this event.
- Industrial Tour was organized for the third students to visit SA Electronics, Pune and Vigyan Ashram, Pabal from 02 to 06 March 2020 and total 90 students of third year participated in this tour.
- A two day workshop was conducted for First to Final year students of all branches on “System Automation and Web Scraping using Python”, by Mr. Shubham Chopade, Co-Founder-Sublunar and coordinated by Dr. G. S. Gawande and Dr. D. P. Tulaskar on 13th to 14th March 2020, wherein 42 students participated.
- **Sponsored Projects** : 22 students' projects are sponsored by various industries.
- **Workshop/ STTPs/ Conference attended**: Most of the faculty members attended workshops/STTPs/Conferences held at different places.
- **Industrial Visit (Faculty)** : 07 faculty members and 03 staff members visited the various Industries for enhancing the industry institute interaction.
- **Placement** : Total 34 students are placed till date in various reputed industries and still the placement is going on.
- **SGB University Ranks (UG)** : KU. SWATI BOBAD, KU. MITHEELA GHAWANDE, KU. PUNAM RAGHTATE, CHAITNYA JAIN, KU. PRAGATI SONONE, KU. MANISHA KHADE and KU. BHAGYASHRI WANI are ranked in SGB University examinations.

 **Dr. G. S. Gawande**

Head, Department of Electronics and Telecomm. Engg



Department of Mechanical Engineering

There are 15 faculty members in the department. All the teaching and non-teaching staff have been striving hard for the overall development of students. The department got the NBA, Delhi accreditation for a period of three years in December 2019. The university results have been outstanding this year too. The result of second, third and final year is 71.80%, 70.10% & 68.20% respectively. This year thirty-four students have been placed in national and multinational companies till now.

- Students participated in many competitions organized by renowned institutes.
- Industrial visits were organized to offer the practical exposure to students.
- Workshop on RAC and IC Engine was organized for third and final year students on 29th January 2020.
- Workshop on Lathe Machine Practices was organized for second year students on 28th January 2020.
- As per the MOU with Mechatol Engineering Solutions Ltd., Pune, the course on Geometric Dimensioning and Tolerancing will be started shortly. This company will help us to develop GD&T lab at the department.
- The department signed an MOU with AFFECO Heating Systems Pvt. Ltd., Kolhapur during IIM-2020.
- A workshop on Product Development by Kamallesh Pande Sir (Ex. Vice President, Mahindra & Mahindra Ltd) was organized for third year students on 7th February 2020.
- Model Exhibition Competition was organized occasion of Rajiv Gandhi Akshay Urja Day on 20th 2019.
- The department, through CDES, organized Advanced Welding Process Training for 38 I.T.I., Shegaon students during 17th January to 21st January 2020.
- Faculty members participated in various workshops and presented papers in national & international conferences.
- Prof. Nilesh Khandare and Prof. Vinay Thute were awarded Ph.D Degree.
- Prof. Nikhil More attended training of Fab Lab. India, USA.
- SAE India students cleared virtual round of BAJA 2020 and participated in competition held at Chitkara University, Chandigarh, Punjab. They designed All Terrain Vehicle.
- Students of SAE India designed Self Propelled Onion Harvester.
- The faculty members actively participate in Industry-Institute-Interaction.



Dr. S. P. Trikal

Head, Mechanical Engineering



Department of Information Technology

- Total 26 Final year students of Information Technology have been placed in various reputed MNCS, in addition to these 15 more students are on waitlist. Industrial visit provides a great learning experience to students, which can be gain by visiting the actual working environment of the Company. Considering this an industrial visit to Jade Global, Pune and Mindscripts, Pune had been organized for the students of Third Year IT. A total of 09 Esteemed Speakers in the Domain of information technology have Graced and enlightened the students and faculties through webinars on various topics and advanced technologies in Information Technology.
- Under the head of ITSA various activities were organized viz. “Let by Workshop” was organized during 14th – 18th September 2019 and “Cartoon Network” from 31st September to 01st October 2019 which helped students ease in to the environment interacts with the students of different branches. “NET 4.0 (C# .net and ASP.net)” was a seminar delivered by Mr. Prashant Narkhede, Pune which was organized by ITSA. A “Software Testing Club” was formed for the Final Year students in association with TRISHTA GLOBAL Pvt. Ltd., Mumbai which was conducted by Ms. Pragati Chowhan from TRISHTA GLOBAL which immensely helped the students ace their placement interviews.
- Under the aegis of ISTE the following workshops had been successfully conducted of which “Technobuzz Event” was dated 30th -31st August 2019. “Video Editing Workshop” was organized dated 19th -20th October 2019 in which the students taught their juniors various video editing skills through various tools and techniques. “Accumen” was organized for the students of Sant Gajanan Maharaj Convent, Shegaon which saw a participation of 468 students and was a great success. A Project Expo. was organized on the eve of National Science Day on 28th February 2020 in which various projects that were made by the students were presented.
- A “Web Development Workshop” was organized under ACM Students Chapter during 25th - 26th January 2020 and 01st -02nd February 2020 which helped the students gain hands on knowledge of the technology. A One Day event “ENIGMA” was organized on 14th September 2019.
- Continuing the legacy of ACM Students Chapter Ms. Aishwarya Vyavahare Third year Information Technology had participated in ACM STUDENTS CHAPTER SUMMIT 2019, organized at Manipal University, Jaipur, Rajasthan on 10th August 2019. Mr. Aman Surkar and Mr. Kunal Nemade had attended the Inter-Research-Institute Students Seminar (IRISS) organized at IIT Gandhinagar, Gujarat dated 13th – 14th February 2020 followed by which Mr. Aman Surkar and Mr. Kunal Nemade also attended the ACM Annual Event 2020 held at IIT Gandhinagar, Gujarat dated 15th February 2020.



Department of Information Technology

- The achievements of the students for the academic year 2019-2020 have brought in laurels for Information Technology some noteworthy achievements are as follows, first of the list was Mr. Aman Surkar and Mr. Kunal Nemade being appointed as “College Ambassador for Techfest” organized by IIT Bombay. Mr. Pratik Thorat scored won the Third Prize in “Young Innovators” organized by Sant Gadge Baba Amravati University and Directorate of Technical Education, Maharashtra. Ms. Sakshi Deshmukh has participated in “National Level GEMS” competition.
- Mr. Aniket Lakhade and Mr. Swapnil Chauhan have participated in “Bolt IoT Innovation Challenge” and have bagged their Internship. Mr. Siddhant Gupta has undergone a Six Week Summer Training on Android App development. Mr. Prakhar Gangrade, Mr. Jigar Wakhariya and Mr. Jayesh Bagani were shortlisted as top 10 finalists for “NEC Competition” at Nashik. Ms. Vaidehi Gawande won Second Prize for her Classical Dance performance at State level organized by SGBAU, Amravati. Mr. Prakhar Gangrade, Mr. Jigar Wakhariya and Mr. Nilesh Inkane have presented three papers in IEEE Conference Organized by SSGMCE, Shegaon. Mr. Prakhar Gangrade, Mr. Jigar Wakhariya bagged the Second prize under IGNITE Paper Presentation competition.

 **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. The mission of the department is to generate human resource of excellent quality, with high professional competence in interdisciplinary research encompassing mathematics, chemistry, and physics for the national needs. The main focus is on promoting the scientific applications and knowledge in such a manner that the students and faculty shall contribute effectively, intellectually and ethically to the scientific community of the world.
- This year the admissions to B.E. First year were full. The result of B.E. first year in Summer 2019 has been excellent. Miss. Gauri Savarkar from I.T. branch stood first with 78.33%.
- The faculty members participated in national and international conferences this year. Dr. N. A. Patil, Dr. R. M. Kharate and Prof. A. S. Tale presented 10 research papers in various national and international conferences.
- Dr. N. A. Patil has become the B.O.S. member in Mathematics and has been working as a P.G. teacher in university. Two students have been pursuing Ph.D. under his guidance.
- Prof. M.S. Pande received Ph.D degree and two faculty members namely Prof. N.S. Thakare & Prof. A.S. Tale have registered for Ph.D.
- N.S.S. camp was organized at adopted village Kherda Bk. during 26th December 2019 to 2nd January 2020.
- The department has started Japanese Language classes since 2018. Around 60-70 students join the class every year.
- The workshop on Internet of Things was organized on 21st & 22nd March 2020.
- Faculty members of the department have been pursuing NPTEL courses every year.
- The Student Induction Program was organized for newly admitted students to B.E. first year engineering.
- The department organized Welcome function, CDES, Spiritual Guest lectures, Science World Activities, Freshers' Day, Industrial Visits during 2019-20.
- Students participated in curricular, cocurricular and extra-curricular activities this year.



Dr. N. A. Patil

Professor & Head- ASH




DEPARTMENT OF BUSINESS ADMINISTRATION AND RESEARCH

Historic milestones were achieved in academic year 2019-20. Department secured the entire 65 seats admissions despite the ups and downs in the MBA admissions scenario. It is worth mentioning here that the same national surveys placed department on further higher side considering parameters like living experience, employability, placement, selection process and teaching- learning experience. Students accomplished their summer trainings this session in organizations like Axis Bank, HDFC, Reliance Jio and other private and government sector banks. 26 Second year students have been placed in various organizations like HDFC bank, Saarthi, Vivo Mobiles, Biofuels Ltd, Syntel and 7 students have either joined their family businesses or initiated a new venture. Many students are in the pipeline and attempting for jobs by appearing for group discussions, campus interviews.

Big personalities from industry like Mrs. Mohini Modak, Director, Webmasterkey, Mr. Subhash Gore, Secretary, Saturday Club Global Trust, Mr. Ashvin Patil, founder, Biofuels Ltd, Mumbai and Mr. Hemant Khedkar, MKCL, Pune made their electrifying indulgence at Industry-Institute Meet and added colors to event. Twenty students and two faculty members (total 22) participated and volunteered in "Open Days" organized during 20th -24th January 2020 by Kalash Seeds, Jalna. An industrial visit was organized at Jain Irrigations and Gandhi Research Foundation, Jalgaon Khandesh. Akshay Wairale, a second year student, has started his own entrepreneurial journey through making and marketing power weeders. Every teacher of the department is involved in consultancy work. Visiting faculty assignment at Saraswati College, guest talks at various forums and marketing assistance raised a fine consultancy amount.

An MOU was signed between Biofuels Limited, Mumbai and college initiating co operation regarding teaching- learning, mentoring, entrepreneurship support and research. Mr. Ashvin Patil, founder expressed his keen interest towards these facets. 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, community based projects, co curricular, extracurricular activities, sports for the sake of personality development (Total 24 activities). Profound social workers from Vidarbha region, Mr. Sudhakar Gite and Mr. Yogesh Marwadi guided students for their Community Based Learning Projects like blood donation drives, eye check up camps activities in deaf and dumb or mentally challenged childrens' schools etc. Parishkriti sponsorship was Rs. 16000 (Chief sponsors were- Rathi ecowheels, Mark Computers and Nutan Udyog) and students were encouraged with cash prizes worth.

Distinguished esteemed speakers from reputed industries and academia delivered guest talks. The faculty members published research papers in conferences which includes a publication in ICMC, Birla Institute of Management Technology.

 **Dr. H. M. Jha Bidyarthi**
Head-D.B.A.&.R



TRAINING AND PLACEMENT CELL

TPO Meet/Workshop/Counseling/Guest Lecture:

1. Training and Placement Department, SSGMCE, Shegaon conducted the "Counseling Session" for all B.E. Final Year students on 19th July 2019 in College Auditorium (Old).
2. A Seminar on "Learn & Earn in Japan" by "Surani Academy" Akola for all BE First to Final year students on 7th Oct. 2019.
3. Training - Internship - Placement Program by Eleation for BE Third & Final year students on 17th Oct. 2019.
4. Google Internship Awareness Programme by Mr. Kalpesh Beldar, Google India Pvt.Ltd. on 22nd Jan. 2020 for all B.E. Third Year students.
5. Counseling Session by Mr. Mohit Shahare, Aspiring Minds Assessment Pvt. Ltd., Pune for all BE Third year students on 25th Feb. 2020 at SSGMCE, Shegaon

MOCK Aptitude Test:

1. "Aptitude Test Preparation Classes" by Mr. Ajay Butwani, BASE Education, Pune on 20th, 21st & 27th, 28th July 2019 for all B.E. Final Year registered students at SSGMCE, Shegaon.
2. "Aptitude Test Preparation Classes" by Mr. Ajay Butwani, BASE Education, Pune on 28th & 29th Sept. 2019 for all B.E. Final Year registered students at SSGMCE, Shegaon.
3. "AMCAT Employability Online Test" by Aspiring Minds Assessment Pvt. Ltd., Pune on 14th Oct. 2019 at SSGMCE, Shegaon

1. Campus/Off-Campus Placement:

- 1) Campus Recruitment Drive by M/s. Value Momentum Software Services Pvt. Ltd., Hyderabad on 19th & 29th Aug. 2019 at SSGMCE, Shegaon. Total 31 students have been placed. Total 31 students have been placed.
- 2) Campus Recruitment Drive by M/s. Tata Consultancy Services Ltd., Pune on 5th Sept. 2019 at SSGMCE, Shegaon. Total 35 students have been selected.
- 3) Campus Recruitment Drive by M/s. Global Logic, Nagpur at P R Pote College of Engineering, Amravati on 9th Sept. 2019. Total 3 students have been placed.
- 4) Campus Recruitment Drive by M/s. Jade Global Software Pvt. Ltd., Pune on 21st Sept. 2019 at SSGMCE, Shegaon. 01 student has been selected.
- 5) Campus Recruitment Drive by M/s. Enzigma Software Pvt. Ltd. at SIPNA COE, Amravati on 30th Sept. 2019.
- 6) Campus Recruitment Drive by M/s. Case Point Pvt.Ltd., Pune on 3rd Oct. 2019 at SSGMCE, Shegaon.
- 7) Campus Recruitment Drive by M/s. Bizsense Solutions Pvt. Ltd., Nagpur on 4th Oct. 2019 at SSGMCE, Shegaon.
- 8) Campus Recruitment Drive by M/s. Cognizant Solutions India Pvt.Ltd., Pune on 15th & 16th Oct 2019(Online Test) and 9th Nov. 2019 (Interviews) at G H Raisoni College of Engg., Nagpur. 14 students have been placed.
- 9) Campus Recruitment Drive by M/s. Proton Engineering, Mumbai on 23rd Oct. 2019. 2 students have been placed.



- 10) Campus Recruitment Drive by M/s. Wipro Technology, Pune on Nov. 2019.
- 11) Campus Recruitment Drive by M/s. IBM Limited, Pune on 14th Dec. 2019 at PCCOE, Pune.
- 12) Campus Recruitment Drive by M/s. Winjit Technologies Pvt. Ltd., Nashik on 14th Dec. 2019 at NDMVP's COE, Nashik.
- 13) Campus Recruitment Drive by M/s. Ttech, Ahmedabad on 21st Dec. 2020 at PR Pote COE, Amravati. 02 students have been selected.
- 14) Campus Recruitment Drive by M/s. Tudip Technologies Pvt. Ltd., Pune at P R Pote College of Engineering, Amravati on 10th & 11th Jan. 2020. 1 student has been selected.
- 15) Campus Recruitment Drive by M/s. Demand Farm, Pune at Prof. Ram Meghe College of Engineering & Management, Badnera-Amravati on 18th Jan. 2020.
- 16) Campus Recruitment Drive by M/s. Hexaware Technologies, Pune at P R Pote CoE, Amravati on 27th Jan. 2020. 01 student has been selected.
- 17) Campus Recruitment Drive by M/s. Vanesa Cosmetics, Khamgaon at SSGMCE on 28th Jan. 2020. 08 students have been selected.
- 18) Campus Recruitment Drive by M/s. AAS Innovation, "SARATHI", Nashik at SSGMCE on 3rd Feb. 2020.
- 19) Campus Recruitment Drive by M/s. FACE, Coimbatore at P.R. Pote on 4th Feb. 2020. 02 students have been selected.
- 20) Campus Recruitment Drive by M/s. Euthissa Care Technology Pvt. Ltd., Bhubaneswar at SSGMCE, Shegaon on 12th Feb. 2020.
- 21) Campus Recruitment Drive by M/s. Medha Servo Drive, Hyderabad on 22nd Feb. 2020 at SSGMCE, Shegaon.
- 22) Campus Recruitment Drive by M/s. NRB Bearings, Aurangabad on 29th Feb. 2020 at SSGMCE, Shegaon. 08 students have been selected.
- 23) Campus Recruitment Drive by M/s. InfoVision Labs (IVL), Pune on 1st & 2nd March 2020 at SSGMCE, Shegaon.
- 24) Campus Recruitment Drive by M/s. Capgemini Ltd., Pune on 6th & 7th March 2020 at Govt. College of Engineering, Amravati.
- 25) Online Campus Recruitment Drive by M/s. CMS IT Services Pvt. Ltd., Nagpur on 6th June 2020.
- 26) Online Campus Recruitment Drive by M/s. BYJU's the Learning App., Bangalore on 8th June 2020.
- 27) Online Campus Recruitment Drive by M/s. Adani Electrical Mumbai Limited, Mumbai on 17th & 18th Aug. 2020.



Dr. Vinay Thute

Training & Placement Officer



Knowledge Resource Centre (Library)

The library is a social institution charged with the most enviable function of dispensing knowledge to the ignorant informed alike. “Vidya - Dan “i.e. The imparting of knowledge has been considered as the most sacred task. The core mission of the library is the collection, preservation and creation of knowledge for its dissemination and future generation. Its conservation is also an important duty of the library.

Now a day's libraries are using information and communication technologies 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, 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.

The SSGMCE Library has been fully automated by using the SLIM Library software. The library websites offer an online public access searchable digital catalogue of its entire holdings, both on the campus wide intranet and internet. All the staff, students and users can access the online catalogue of the library through the campus network of the college and search for books, journals, reports, thesis and dissertations and trace the availability in the library.

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	86782	29378	7776	2058	1426	401
Periodicals & Journals	576	Technical International Journals	-	12		
		Technical National Journals	-	37		
		Nontechnical Journals	-	25		
		Total Nontechnical and Print Technical Jlns	-	74		
		Online Journals	-	477		
		(IEEE – 169, Science Direct – 275)				
		(ASME – 27, Imanagers Pub – 06)				
		Total Online + Printed	-	551		



Mr. D. P. Patil

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



STUDENT COUNCIL REPORT

Students Council at SSGMCE was formed in the month of September 2019 as per the directions received from SGBAU, Amravati. 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.

 **Prof. Ms. P. V. Kale**
Faculty Advisor

CULTURAL COUNCIL

This year cultural council was formed with usual zest and enthusiasm. On 2nd of September 2019 cultural council began the five day long celebration of Ganesh Chaturthi. Later in September cultural council started preparation of SGB Amravati University Youth Festival which was held at Vidarbha Vidhyan Mahavidyalaya Amravati from 1st of October to 5th of October 2019. This Youth Festival brought good news of two of our students winning color coat. Miss. Shatakshi Deshmukh (3rd Year Electronics and Telecommunications) received colour coat in the singing competition (Light Vocal) and Vaidehi Gawande (Final Year IT) received colour coat in Classical Dance Competition. Both students represented SGB University at various National competitions. Cultural Council celebrated Marathi Bhasha Gaurav Din on 27th of February 2019. Students from college presented various Poems, Powadas and also gave speeches on the occasion of Marathi Bhasha Gaurav Din.

 **Prof. K. R. Gandhare**
Faculty Coordinator

SPORTS DEPARTMENT

Sports Department organized various sport event during 2019-20. Many students participated in the events and achieved success. The Highlights of the session are:

- Cricket Team (Boys & Girls) won the zonal final and entered into semifinal of SGBAU.
- Volleyball Team (Girls) secured third rank , Chess Team (Girls) secured second rank & Table Tennis (Boys) Team secured second rank intra-university competition.
- Miss. Tanvi Nanote won the color coat in volleyball.
- Hosted SGBAU's Chess Competitions, Kho-Kho Competitions, Cricket Competitions.
- Organized District Level Skating, Gymnastics, Kick Boxing & State Level Badminton Championship.

 **Prof. G. L. Bayaskar**
Director, Sports



NATIONAL SERVICE SCHEME (NSS)

Our SSGMCE, NSS unit consists of 200 members, 100 each from 1st and 2nd year respectively.

Regular activities of 120 hours every year includes:

- Conducted special camp of 08 days in an adopted village every year.
- Successfully conducted “Mega Blood Donation Camps” this year and will continue to send voluntary blood donors (our students) to hospitals to donate blood as a service to the society is our foremost mission.
- Our college has been awarded 1st position for past 06 years for collecting the maximum number of blood units in one day camp among the Educational institutions in SGBAU, Amravati.

Our Regular Activities at a Glance

- Free medical camp at various needy villages.
- Dental camp, Health camp & Eye camp.
- Personality development programs & competitive examination guidance.
- NSS volunteers participation and performance in various interstate camps and workshops.
- Counseling sessions and medical advice.
- Conducting Traffic awareness events and taking part in peak hour traffic regulations.
- Conducting rallies on different social awareness themes in association with other social organizations.
- Tree plantation and helping the people to do so frequently.
- Special camps for road safety measures.
- Reaching the Unreached – computer training program for village school children
- Save fuel as well as Environment protection abhiyan.
- Independent Day Celebration
- Congress Grass Eradication in College Campus
- Rehabilitation campaign for addicts.
- Agriculture supported practices.
- Digging of lavatory tanks
- Construction of Bandhara
- Workshop on 'Crop Cultivation' for farmers etc.
- Water conservation
- Cleanliness drive.
- Cleanliness Program in college Campus.
- Cashless transaction & its awareness.
- Earning with learning concept.
- Solar energy resources awareness and preservation.

 **Prof. N. S. Thakare**
PO, NSS



PURSUIT 2020

The college organized a National Level Technical Symposium – “Pursuit 2020” on 28th & 29th February 2020 for the aspirants gathering from various engineering colleges with a very high competitive spirit to participant and with the strong determination to include their achievements and accomplishments to their resumes. This technical symposium is organized every year with the objective to provide platform for the students to showcase their talent with a competitive spirit.

Pursuit 2020 was inaugurated by chief guests of Mr. Jaywant Mahajan, Director- GMS Ltd, Pune, Mr. Prem Upadhyay, Manager, Pears Manufacturing Factory, Hindusthan Unilever Ltd, Khamgaon, Mr. Umesh Wasdev, Hindusthan Unilever Ltd, Khamgaon and Mr. Harish Zambani, Founder- IIoT Labz, Nagpur. Our beloved principal Dr. S. B. Somani had given the opening remarks where as Prof. S. P. Badar, Pursuit-2020 Chief Coordinator had introduced the Pursuit-2020 in brief. All three guests enlighten the students about their personality development, scope for the innovation and advised to students that don't lose the hope even they failed which was exactly match to our Pursuit theme. This year the theme of Pursuit 2020 was “Chandrayan -2”, which gave the message “Dare to do” to students. Student's chapter had made the Vikram lander and Pragyan Rover of Chandryan -2 for the exhibition.

This Pursuit – 2020 was successful enough to attract as many as 400 registrations across the country for a two-day national level technical symposium which includes all the events and workshops. Students are actively participated in all the events and presented their work. The symposium executed with 14 various technical events like Paper Presentation, Poster Presentation, Roborace, Grand Project Competitions, Codecode, Technohunt, Tech By Tronics, Techno Yard, Circuit-tatva and Departmental SSGMCE HACKATHON and 14 different technical workshops planned and organized at its best of quality. Focusing on the types of events to include in the Pursuit 2020 was decided by different student chapters, keeping the interest and need of the engineering student into consideration. Along with this there were two technical talks of Mr. Jaywant Mahajan, Director- GMS Ltd, Pune and Mr. Harish Zambani, Founder- IIoT Labz, Nagpur. Mr. Jaywant Mahajan had aware the students about the need of e-vehicle where as Mr. Harish Zambani guided the students about project development.

Students got good knowledge from various Technical events like Project, Papers and Posters of different technologies. Students enjoyed the technical workshop. We got the highest response for one day workshop on Dawn of Digital Business organized by E-cell. Participants were very happy about this two-day National level Technical Symposium.

The valedictory function was conducted on second day of Pursuit. The guests encouraged the winners of all the events with a certificate and cash prizes. The participants were also given certificates as a token of encouragement.


 **Prof. S. P. Badar**

Chief Coordinator Pursuit 2020



PARISHKRITI 2020

- *“Parishkriti”, the flagship event of Department of Business administration and research, was organized during 28-29 February 2020.*
- *Parishkriti 2020 included ten sub events community based learning, business quiz, business plan, paper presentation, movie mania, ad mad show, ad design competition, and debate.*
- *The Event Was Sponsored by Rathi ecowheels, Mark Computers and Nutan Udyog, Shegaon and Saraswati Glasses, Khamgaon. The total sponsorship amount this year including cash prizes was around Rs. 16000.*
- *Profound social workers from Vidarbha region, Mr. Sudhakar Gite and Mr. Yogesh Marwadi guided students for their Community Based Learning Projects like blood donation drives, eye check up camps activities in deal and dumb or mentally challenged childrens' schools etc. There was an overwhelming response to their address.*
- *Around 83 students participated in various events. The encouraging thing was that many of these students participated in more than 3 events.*
- *The purpose of the event is served when sincere students who wish to develop themselves strive to keep their performances at par. Such a continuous involvement in events and activities finally enhances employability and entrepreneurial facets as well. The focus next year will be on increasing outside participation and sponsorship to truly provide a platform to students and make event much livelier.*

 **Prof. Mayur Dande**
Coordinator, Parishkriti



IEEE

In Academic session 2019-2020. IEEE Student branch of SSGMCE have organized various technical events which gave students the idea of emerging technologies in the new digital world.

First event was based on applications of calculator mainly focusing on 1st year student as they are new in the field and need guidelines to use Calculator efficiently. It was conducted on 15 Sep 2019, by student coordinator of IEEE SB.

Second event was on C-Programming. Now a days programming is the most required technical skills. Keeping that in mind C Programming was the second event on 30 Sept 2019 by student coordinator of IEEE SB.

IEEE day is celebrated worldwide on 12 October. So, on that occasion an informative session was organized on benefits of IEEE by our Faculty Coordinator.


Our IEEE Students Branch actively participated in the IEEE Nagpur Sub-Section Congress held at GH. Raisoni, Nagpur. Our members performed at various events their ad also made some new and valuable connections. The congress held on 31st Jan, 1st, 2nd Feb 2020.

Increasing craze of Robotics led to our third event on Robotics with Arduino. It was planned on 8th & 9th Feb 2020, giving a Hand's on Experience of working, making of Arduino controlled Bot's in our Workshop ROBOVISION

In Pursuit there were 2 events Planned and organized by IEEE student chapter. Posing Presentation which included the posters focusing on technical topics only. It was on 28 Feb 2020 and heavy prizes of 2500/- was given to winners of Paper presentation. It was a 2 days event on 28 and 29 Feb 2020 which consisted of presenting research papers by students. Prizes Worth 5000/- was offered to the winners.

Last workshop held in this session was on Blender which was focused on 3D- Modelling, VFX-CGI, Animation, Video Editing, Rendering Models. It was organized on 7th and 8th March 2020 by our student Co-Ordinator's.

All our events received huge response by students and we received an excellent feedback.

 **Dr. P.R. Wankhade**
Faculty Advisor



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.
- Meeting with committee members was carried in order to plan the activities for the year and other guidelines were given.
- The website for the committee was prepared and linked with college website.
- Technical articles were regularly posted on ISTE notice board.
- A membership drive was conducted.
- “TECHNOBUZZ” event was organized for first year students during 30th and 31st August 2020, 76 teams (2 members per team) participated in it. The main objective of the event was to create an enthusiasm among the students about the exciting games to increase their creativity. The event was conducted for two days which included three rounds. Winners were awarded with cash prizes.
- “VIDEO EDITING” workshop was organized for all students during 19th and 20th October 2020, 45 students participated in it.
- “GRAPHICS IN C” workshop was organized for all students during 11th to 13th February 2020, 28 students participated in it.
- “ACCUMEN” quiz competition was organized for school students during 10th and 28th February 2020, 468 students participated in it. Winners were awarded with cash prizes.
- “GRAND PROJECT EXPO”, an exhibition of working or non-working, hardware or software projects on any topic was organized during 28th and 29th February 2020, in which many teams of other colleges participated. Winners were awarded with cash prizes.
- “ETHICAL HACKING” workshop was organized for all students during 14th and 15th March 2020, 42 students participated in it.
- Technical e-magazine MACHER was prepared and was set to be launched during the cultural festival of college.

 **Faizan I Khandwani**

Faculty Advisor, ISTE Students Chapter



INFORMATION TECHNOLOGY STUDENT ASSOCIATION (ITSA)

In this year till date ITSA (Information Technology Student Association) has conducted four events activity and Two Guest Lectures. Activity details mention below.

Workshop Conducted by Team ITSA “LET'S PY”

- Event Conducted by Team ITSA “Cartoon Network”
- BRANAC 2K20:
- Software Testing Club


Guest Lectures:

1. ITSA organized guest lecture on “C#.net and ASP.net 4.0” by Mr. Prashant Narkhede, Trainer PACT PUNE on dated 25/01/2020 for Second- and Third-year students.

2. ITSA organized guest lecture on “Current Technology Trained used in Company” by Mr. Gunwant Dhote, Technical Lead John Deere Pvt. Ltd. Pune on dated 03/03/2020 for Third year students.

ITSA conducted three events in PURSUIT 2020:

1. AMAZON WEB SERVICES WORKSHOP 2. CoDECODE 3. HACKATHON

 **Prof. P. H. Gohatre**
ITSA Advisor

Electrical Engineering Students Association (EESA)

EESA continuously works for the betterment of the student community. It organizes, coordinates and manages many programmes including guest lectures, seminars and workshops. During 2019-20, it organized many such events. The students showed enthusiasm and got benefitted. The notable guests who delivered guest lecture for students include Dr. D.P. Kothari (Former Director, IIT Delhi), Mr. Madhukar Jadhav (CEO, Jadhav Switchgear Services, Nashik), Mr. Kailash Patil (Service Head) & Mr. Prakash Zodge (DGM, Trinity Mahalasa Durga Sales & Services, Aurangabad), Mr. Ashwin Bhawar (PRO, Saarthi Education, Aurangabad) and many others.

Mr. Akshay Ingle & Miss. Shraddha Deshmukh (Alumnus, Electrical Engineering, Assistant System Engineer, TCS) delivered a guest lecture on Career Guidance and Motivation.

EESA organized one day workshop on “Transformer Fundamental & Testing” for third and final year electrical engineering students conducted by Mr. Sunil Sarde (Retired Executive Engineer, MAHA-DISCOM, Nagpur). It also organized five days workshop on “Electronic Components & Arduino Programming” for second, third and final year electrical engineering students conducted by Mr. Sanjay Chaudhari (M.D. Electronics study centre, Nashik).

EESA also celebrated Teachers Day with great zeal in the Electrical Engg Dept. Mr. Mithilesh Joshi, Ku.. Amruta Kadu, Mr. Abhinav Thakare, Mr. Arjun Dhamode, Mr. Sukrut Deshmukh, Mr. Rushikesh Khanderao, Ku. Roshni Palve & Ku. Ankita Sontakke, electrical engineering students conducted



various workshops like “Bread board and Electronic Component and its Testing”, “Roboyantra”, “Android Studio”, “Computer repairing and Maintenance” for engineering students.

EESA also organized Electrical Engg Alumni-Students-Faculty Interaction Meet. Ku.Tanvi Shelokar, Rushikesh Khanderao, Prathamesh Chaudhari, Sukrut Deshmukh, electrical engineering students conducted various events, competitions and workshops like Circuit Tattwa, E-Vehicle workshop, Home-wiring Workshop, Roborace during Pursuit 2020.

 **Prof .P.R.Dhabe & Prof. R.K. Mankar**

Faculty Advisor (EESA)

Community Development and Extension Services Cell

1. Letter was written on dated 22/07/2019 to all heads of the departments, requesting them to appoint coordinator to conduct activities of CDES Cell during the session 2019-20 and convey it to the chief coordinator.
2. Prof. V. S. Karale (ELPO), Prof. V. N. Bhonge and Prof. D. P. Tulaskar (EXTC), Prof. J. M. Patil (CSE), Prof. Ms. P. P. Bute (IT), Prof. P. T. Patokar (MECH) and Prof. P. S. Dhokane (ASH) were appointed as coordinator by respective head of the department.
3. All coordinators of CDES cell were requested to prepare the action plan of activities to be conducted / organized during the session 2019-20 and submit to Chief coordinator, as early as possible. All departments have submitted their action plans.
4. All departments have conducted one workshop in their department.
5. Department of Information Technology Engineering had organized two days' workshop during 26th & 27th December 2019 on “Computer Fundamental and Its Application” for 7th standard students of Indira Gandhi Primary School, Shegaon
6. Department of Information Technology Engineering had organized two days' workshop during 30th & 31st December 2019 on “Training on Advance Computer Technology & Tools” for staff member of Jigaon Project Dam & Rehabilitation Division, Shegaon
7. Department of Computer Science & Engineering had organized two days workshop during 23rd & 24th December 2019 on “Basics of Computer Hardware and MS-Office” for students of Indira Gandhi Primary School, Shegaon
8. Department of Electrical Engineering had organized three days workshop during 30th January-1st February 2020 on “Fundamentals of Electrical Machines” for students of Government ITI, Khamgaon
9. Department of Applied Science & Humanities had organized two days workshop during 27-28 December 2019 on “Zeal of Loalty” for 11th std. students of SSGM English School, Indira Gandhi High School and Saraswati College, Shegaon
10. Department of Mechanical Engineering had organized five days' workshop during 17th to 21st January 2020 on “Introduction to Advanced Welding Technology” for students of Government ITI college, Shegaon

 **Prof. 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 lecture, competitions and programmed under the guidance of Dr. N. A. Patil, Head, A.S.&H. 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 2019-20, Science World organized the following programmed for students:

1. Orientation of Science world on 30 th September 2019.
2. Guessing Mania – 24 th November 2019.
3. Gemistann Event 25 th January 2020
4. IPL Auction 2020 13 th and 14 th February 2020.
5. Treasure- Hunt 22 th February 2020.
6. National Science Day Celebration on 28 th February 2020.

All the first year engineering students actively participated in these programmed 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 INDIA STUDENT CHAPTER

Chitkara University, Punjab had successfully hosted the 13th edition of the prestigious Mahindra BAJASAE INDIA 2020 on 5th march 2020 to 8th march 2020. Chitkara University hosted this event in association with SAEINDIA and Mahindra & Mahindra Ltd. Professor Dileep Malkhede, Advisor, AICTE and Professor Dr. Sagar Maji, Director DITE (Delhi Institute of Tool Engineering) were the Chief Guest and Guest of Honor respectively.

We were 24 members, along with our Faculty Advisor Prof. M.B.Bhambere, additional faculty Prof. S. Q .Syed and Mr. Ramdas Pachade with Captain Mr. Jayesh Tale and our vice-captain and Driver Mr. Pranav Chandurkar. In our team, 7 from final year members, 5 from 3rd year and 12 from 2nd year. The goal of the event was, each team has to design and build a prototype of a rugged single seat four wheel ATV (All Terrain Vehicle) that has to go through multiple tests and then compete in endurance race.

Total 82 teams got selected for m BAJA 2020 at Chitkara University, Punjab. However with challenging tests, only 34 teams were able to make it for the Endurance Race and we were one of them.

The four-day event started with a basic Static Evaluation round that comprises design evaluation,



cost evaluation and marketing presentation. In the final round, the teams had to showcase their prototype of a single-seat, off-road, four-wheel vehicle and were evaluated on various parameters like engineering design, CAE, Cost and Innovation. Our team overall score were, In sales Event we got 24.5 out of 50, In cost event we got 84.5 out of 100, In design event we got 103.3 out of 150.

After this, the Dynamic Evaluation Round started, which was all about testing the vehicles for acceleration, sledge pull, maneuverability along with Suspension & Traction In acceleration event we got 66.5 out of 75 and we got 15.6 in Sledge pull event. Then on 8th march the four-hour endurance race was flagged off by Professor Dileep Malkhede, Professor Sagar Maji along with other dignitaries. A 2 km long race track consisting of muddy pits, cliffs and slopes of 15-20 feet of height and the continuous rains that happened for almost 2 days before the event, made the competition even more difficult. Our SSGMCEan team were hustling with that dedication and hard work clearly payoff. And Because of that we got **3rd Rank in Endurance Race**. Our Atv completed 12 laps in 4 hours and scored 282.4/ in Endurance Race (out of 400) full of mud pools with no breakdown. And our overall score is 576.7 out of 925. (first Rank was at 777.1/925) And this is how it done with tons of Hearts Break and massive learning lessons. And eventually all teams won because at the end of the day it's all about learning. Even in unkind weather conditions, LOGAN still Fly High.

We are very much thankful to our Hon'ble Management, Principal, HOD and Faculty advisor for constant encouragement and support for making this project successful. Special thanks to our management for financial support of Rs. @4.0 to 5.0 lakh for this project.



Prof. Madhao Bhambere

Faculty Coordinator

ELECTRONICS STUDENT & STAFF ASSOCIATION (ESSA)

ESSA conducted the following activities during 2019-20:

A Guest lecture was delivered by Mr. Sanjay Mishra, Tech Mahindra. USA on AI Applications for 3rd year students of Electronics and Telecommunication Dept. on 7th July 2019. His talk was very informative and motivating.

Mr. Nitin Mawle delivered guest lecture on 'Documentation of various Student Chapters'. It was conducted on 31st August 2019 for the students of professional bodies to organize the document from accreditation prespective.

A Career Guidance Program was conducted by Mr. Pramod Chopde, Alumnus, in the field of communication engineering on 21st September 2019. He has shared his vast experience while working with industries like Airtel, VSNL, Softy.

A two days workshop on Multisim was conducted during 4-5th October 2020 to make the students aware about the basics of Multisim software. 85 students actively participated in this workshop.



Workshop on “ Electronics Engineering Equipment & Their Application” was conducted under Community Development and Extension Services program on 2nd January 2020. Students of 11th Standard from Shree Gajanan Maharaj junior college, and Saraswati junior College, Shegaon got benefited through this program. Prof. V. N. Bhonge, Prof A.V. Patil and other staff of Department guided the students on this occasion.

Webinar on “Role of Electronics Engineers in building India post Covid 19 was organized and coordinated by Dr. G. S. Gawande Prof. V.N.Bhonge, Dr. D.P. Tulaskar for students Department. It was delivered by Mr. Swaroop Gandewar, Founder GTGP, Platform : office 365 19th june2020.

A National level online aptitude test was conducted by the Electronics Students and Staff Association(ESSA) under the guidance of Dr. G. S. Gawande, Prof. V.N.Bhonge,Dr.D.P. Tulaskar. The purpose of conducting this test was to prepare and orient the students to acquire employability skills. The test was conducted during covid19 lockdown period.

A national level technical event was organised by SSGMCE on 28th& 29th February, 2020. The students from various colleges and universities participated in this event. Pursuit is organized by students chapter of various engineering departments under which the events organized by ESSA are: Roborace, Trollbytronics, Proteus, Hackathon

 **Prof. V.N.Bhonge / Dr.D.P. Tulaskar**
Faculty Coordinator

ACM

The SSGMCE ACM Student Chapter has conducted various events and workshops in the year 2019-20 till date. The details of these workshops are as given below:

1. **Web Development Workshop:**
2. **ENIGMA, a Techno-Fun Event:**
3. **Python and Data Science Workshop:**
4. **Graphics Design Workshop:**



Prof. S. S. Muddalkar
Faculty Coordinator



ALUMNI ASSOCIATION

Alumnus is the strength of any institute. The development cycle of any institutes cannot be completed in the absence of Alumni. Alumni 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.

To do the same Alumni keep association on organizing Alumni Meets Frequently. 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.

Grand Alumni Meet is a one day event in which various technical, motivational, discussion, brain storming and cultural sessions are arranged back to back. And a continuous interaction between Alumni faculty and student add to the glory of event. This event is the one of star events of the Alumni Association which brings present past students along with faculty under the same roof and let them allow share their views and experiences.

Various Objectives Fulfilled by Alumni Association:

- To assist students in availing project facilities
- To assist placement cell

These two objectives are fulfilled through continuous follow ups and results can be reflected in table below which show statistics till Grand Alumni Meet 5th January 2019

Serial No.	Area of Contribution	Contribution
1	Placement	52
2	Sponsored Project	10
3	Expert Talk	12
4	Motivational Sessions	04
5	Lab Development	01
6	Internship And Training	23
7	Donations for Students skill Development	Rs. 9,96,881

- To setup a guidance cell to aid present and past students
- To help networking amongst alumni-For fulfillment of above two objectives 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-Alumni association started publishing yearly newsletter since last two years
- Meet Sponsorship-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. B. S. Rakhonde

Alumni Cell, Coordinators



Merit Student-Summer 2019

Final Year Meritorious U. G. Students Summer-2019

Name	Uni. Merit No.	CGPA	Dept.
Shrikant Rokade	1	9.24	ELPO
Vaibhav Kakad	2	9.11	ELPO
Priya Pawar	7	8.98	ELPO
Krushna Kokate	8	8.96	ELPO
Nikita Satao	9	8.94	ELPO
Omlesh Nawalkar	10	8.91	ELPO
Swati Bobade	2	9.00	EXTC
Mitheela Ghawade	3	8.98	EXTC
Punam Raghatate	5	8.88	EXTC
Pragati Sonone	8	8.82	EXTC
Manisha Khade	9	8.72	EXTC
Bhagyashri Wani	10	8.67	EXTC
Dipali Raut	2	9.15	IT
Revati Deshmukh	3	9.07	IT
Swati Nichat	4	8.98	IT
Nikita Choudhary	6	8.72	IT
Falgun Atara	7	8.68	IT
Devika Joshi	8	8.61	IT

Meritorious P. G. Students Summer-2019

Name	Uni. Merit No.	CGPA	Dept.
Vaibhav Mhasaye	1	8.7	AM&MSD
Ashish Wagh	2	7.66	AM&MSD
Rahul Bhutada	1	7.71	CE

List of Candidates who have secured valid GATE Score - 2020

Name of the Student	Year	Department
Nikita Vinod Bhansali	Final Year	Computer Science & Engineering
Vaishnavi Vinayak Kale	Final Year	Computer Science & Engineering
Ankush Anil Bhople	Final Year	Electrical Engineering
Prajwal Ankush Sontakke	Final Year	Electrical Engineering
Rupesh Deepak Bali	Final Year	Electrical Engineering
Shubham Anilrao Khandare	Final Year	Mechanical Engineering



विद्यापीठ गीत

जन मन जागव कविती निबंतव

विद्यापीठ चाले

संत गाडगेबाबा तुमचे

स्वप्न पूर्ण झाले

कुणी न आता

बसले अडाणी

ज्ञानासह विज्ञान कळले

पर्णकुटीतील प्रतिभेलाही

आभाळाचे पंख मिळाले

दशबुत्राचे अक्षर अक्षर

वेद नवा बोले ॥१॥

जन मन जागव....

किती बंजले किती गांजले

किती आंधले लुळे पांगळे

कर्मयोग निष्काम आचकनी

कवेत घेता बांधव सगळे

भुतदयेच्या ओलाव्याने

मानस मोहवले ॥२॥

जन मन जागव....

धर्म जातीच्या पलिकडेही

माणूस केवळ माणूस असतो

भेद भ्रमांचे बंध तोडूनी

मानवतेचे पुजन करतो

पिढ्यान पिढ्यांचे जीवनदर्शन

विश्वात्मक झाले ॥३॥

जन मन जागव....

MISSION

To develop excellent learning center through continuous design and up gradations 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 Bhavantu 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 (M.S.) India